

NATIONAL ASSESSMENT AND ACCREDITATION COUNCIL (NAAC)

SELF-STUDY REPORT 2015-16

SUBMITTED

By



HKBK College of Engineering,
Bangalore

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HKBK/NAAC/2015-2016

01.03.2016

Declaration by the Institute

I hereby certify that the data provided in this Self Study Report (SSR) are true to the best of my knowledge.

The SSR has been prepared by the institution after internal discussion and no part is outsourced.

I am aware that the Peer Team will be validating the information provided in this SSR during Peer Team visit to our institution.

ce. 4. 173/16
Dr. Chaitanya Kumar M.V.
Principal



Dr. CHAITANYA KUMAR M.V.
Principal, HKBK College of Engg.,
22/1, Nagawara, Bangalore-560045
Karnataka, India

PREFACE

The HKBK College of Engineering spread is located at Nagawara, Bangalore in the heart of the city just 10kms from Vidhana Soudha. HKBK College of Engineering was established as a minority institute in the year 1997 by Karnataka State Muslim Federation (KSMF) with the aim of providing quality and holistic educational opportunities to the deprived and weaker section of the society to uplift their socio-economic status. The College is Approved by All India Council for Technical Education, New Delhi; affiliated to Visvesvaraya Technological University, Belgaum and Recognized by Government of Karnataka. Five programmes at HKBKCE have been accredited by National Board of Accreditation, New Delhi for the period 2015-17.

The college was started with four branches Viz., Electronics & Communication Engineering; Computer Science & Engineering; Information Science & Engineering and Mechanical Engineering with an intake of 45 in each branch. Since then the college has grown over the years to six UG programmes and Three PG programmes and has established approved research centres in 10 disciplines for the academic year 2015-16.

UG Programmes:

1. Electronics & Communication Engineering with an intake of 180;
2. Computer Science & Engineering with an intake of 120;
3. Information science & Engineering with an intake of 60;
4. Mechanical Engineering with an intake of 120;
5. Electrical & Electronics Engineering with an intake of 60; &
6. Civil Engineering with an intake of 120.

PG Programmes:

1. Electronics with an intake of 18;
2. Computer Science & Engineering with an intake of 18; &
3. Master of Business Administration with an intake of 60

Research Centre:

1. Department of Electronics & Communication Engineering
2. Department of Computer Science & Engineering
3. Department of Information Science & Engineering
4. Department of Electrical & Electronics Engineering
5. Department of Mechanical Engineering
6. Department of Civil Engineering
7. Department of Physics
8. Department of Chemistry
9. Department of Mathematics
10. Department of MBA

The college is now home to more than 1800 students and nearly 200 staff

List of Abbreviations

1.	AC	Academic Council
2.	ACT	Atria Convergence Technologies
3.	ADE	Aeronautical Development Establishment
4.	AICTE	All India Council for Technical Education
5.	AP	Assistant Professor
6.	API	Academic Performance Index
7.	ASCE	American Society of Civil Engineers
8.	ASE	Associate Software Engineer
9.	ASME	American Society of Mechanical Engineers
10.	ASP	Associate Professor
11.	BEL	Bharath Electronics Limited
12.	BOE	Board of Education
13.	BOS	Board of Studies
14.	CBCS	Choice Based Credit System
15.	CGPA	Cumulative Grade Point Average
16.	CIV	Civil Engineering
17.	CNE	Computer Networking Engineering
18.	CO	Course Outcomes
19.	COE	Calendar of Events
20.	Config	Configuration
21.	CR	Class Representatives
22.	CPU	Central Processing Unit
23.	CS	Chief Superintendent
24.	CSE	Computer Science Engineering
25.	CSI	Computer Society Of India
26.	CT	Class Teachers
27.	CSIR	Council of Scientific and Industrial Research
28.	DBT	Department of Biotechnology
29.	DC	Digital Communication

30.	DCN	Digital Communication & Networking
31.	DCS	Deputy Chief Superintendent
32.	DEC	Digital Electronics & Communication
33.	Dept.	Department
34.	Desi.	Designation
35.	DST	Department of Science and Technology
36.	DST-SERB	Department of Science and Technology- Science and Engineering Research Board
37.	ECE	Electronics and Communication Engineering
38.	EDUSAT	Educational Satellite
39.	EEE	Electrical and Electronics Engineering
40.	Engg	Engineering
41.	ESDM	Embedded System Design and Manufacturing
42.	Exp.	Experience
43.	FDP	Faculty Development Program
44.	FIST	Federal Institute of Science and Technology
45.	GA	Graduate Attributes
46.	GC	Governing Council
47.	GD	Group Discussion
48.	GPU	Graphics Processing Unit
49.	HKBKCE	Hazrath Khawaja Khuthubuddin Bakhtiar Khaki College of Engineering
50.	ICSSR	Indian Council for Social Science Research
51.	ICT	Information and Communications Technology
52.	IEEE	Institute of Electrical and Electronics Engineers
53.	IEI	Institution of Engineers
54.	IETE	Institution of Electronics and Telecommunication Engineers
55.	IIT	Indian Institute of Technology
56.	INFLIBNET	Information and Library Network
57.	IOT	Internet of Things
58.	IP	Internet Protocol
59.	ImP	Image Processing
60.	IQAC	Internal Quality Assurance Cell

61.	ISE	Information Science Engineering
62.	ISR	Institutional Social Responsibility
63.	IT	Information Technology
64.	IUC	Inter University Centres
65.	KEA	Karnataka Examination Authority
66.	KSCST	Karnataka State Council for Science and Technology
67.	KSMF	Karnataka State Muslim Federation
68.	LDR	Load Distribution Radio
69.	LIC	Library and Information Centre
70.	LMISTE	Life Member of Indian Society of Technical Education
71.	LRDE	Laboratories for Radar and Development Establishment
72.	ME	Mechanical Engineering
73.	MOU	Memorandum of Understanding
74.	NA	Not Applicable
75.	NBA	National Board of Accreditation
76.	NIE	Network and Internet Engineering
77.	NCC	National Cadet Corps
78.	NPTEL	National Programme on Technology Enhanced Learning
79.	NSS	National Service Scheme
80.	NWS	Network Solutions
81.	OBC	Other Backward Caste
82.	OOD	On Official Duty
83.	OOMD	Object Oriented Modeling and Design
84.	OPAC	Online Public Access Catalogue
85.	PAC	Programme Assessment Committee
86.	PG	Post Graduate
87.	Ph.D	Doctor of Philosophy
88.	PI	Principal Investigator
89.	PO	Program Outcomes
90.	Prof.	Professor
91.	PS	Power System

92.	PSO	Program Specific Outcomes
93.	Qual.	Qualification
94.	RC	Research Committee
95.	R & D	Research and Development
96.	RNI	Registrar Of Newspapers For India
97.	SAE	Society of Automotive Engineers
98.	SC	Scheduled Caste
99.	SE	Software Engineer
100.	SI	Success Index
101.	SMS	Short Message Service
102.	ST	Scheduled Tribe
103.	STP	Student Training Program
104.	SWOC	Strength, Weakness, Opportunities and Challenges
105.	TLI	Techni Lab Instruments
106.	TLP	Teaching Learning Process
107.	T & R	Teaching & Research
108.	UG	Under Graduate
109.	UGC	University Grants Commission
110.	USP	Unix System Programming
111.	VDE	Versatile Design Lab
112.	VGST	Vision Group on Science and Technology
113.	VTU	Visvesvaraya Technological University
114.	Wi-Fi	Wireless Fidelity

EXECUTIVE SUMMARY

EXECUTIVE SUMMARY

Curricular Aspects

The College is affiliated to Visvesvaraya Technological University and follows the curriculum and syllabus set forth by the University. The University updates the syllabi for all UG branches of engineering once in four years and once in two years for PG programmes. The college follows the prescribed curriculum and syllabus. The staff members then develop, submit & follow a course plan for their individual subjects in which they have academic flexibility in delivering the course and are using a number of innovative teaching practices. The curriculum prescribed by the University is further enhanced by inviting experts from industry and academia to deliver lectures and conduct workshops in state of the art technology in the respective fields. The college has entered into MOUs with a number of industries to augment the curriculum. The Programme assessment committee which consist of experts drawn from Industry, R & D labs, academia, alumni, students, senior staff in the Department & parents give directions to the teaching learning process at the Departmental level. In addition to this, the Co-Academic and Co-Curricular activities planned and executed at the college ensures that the graduates coming out of HKBKCE are industry ready with holistic values embedded.

Teaching Learning and Evaluation

Every year the student Admission to the college is as per the norms & schedule of the Government of Karnataka. For HKBKCE, a minority institute the breakup of admissions is as follows. 40% of admission is through common entrance test conducted by KEA; 30% of admission is minority quota and is through entrance test conducted by KRLM, Karnataka. The balance of 30% is the management quota and to be filled up by the college. The students are enrolled to HKBKCE through these three processes. The eligibility criteria for admission is also fixed by the Government of Karnataka and for the Academic Year 2015-16, the eligibility criteria is a minimum of average 45% in the three subjects of Physics, Mathematics & one of Chemistry, Electronics, Computer Science or Biology. Students from all parts of India and overseas have been admitted to HKBKCE through the above admission process.

The college follows a well-structured calendar of events which is given wide publicity to all staff & students. The calendar of events has all the necessary ingredients for the smooth flow of academic/co-academic/co-curricular activities for the entire semester. The staff members follow the course plan for the delivery of the course contents to the students. The teaching process is well supported by state of the art laboratories in all the Departments. The college has an enviable library with over 48,000 volumes and is a member of VTU-Library consortium for all E-resources which include IEEE, ASME and ASCE etc.

The college has in its portal over 20 doctorates and all Teaching staffs are qualified as per the norms of AICTE/ VTU. Staffs are encouraged and sponsored to pursue higher studies and attend faculty development programmes to enrich their knowledge for the benefit of students. Conferences and seminars are a matter of routine at HKBKCE so that the staff/ students are exposed to the latest in the field.

Research Consultancy and Extension

R & D initiatives at HKBKCE are directed to create an ambiance for innovation and creativities by student and staff members. HKBKCE in its portal has ten approved research centres where in more than ten research scholars are pursuing research in wide areas as Image Processing,

Mechanical Materials, Wireless Communication, Network Security, Data Mining, Antennas etc. in addition to more than 25 staff members pursuing research leading to Ph D degree, in VTU and other Universities. The ongoing research at HKBKCE has resulted in a number of publications in journals and conference. The college is also recipient of research grants from VGST, DST etc over the years. The college has entered into MOUs with a number of industries to promote research in the college, wherein the industries provide fabrication and testing to our research scholars. The research facilities created in the college has been extended to students, who over the years have done projects aimed at solving real life challenges.

Infrastructure and Learning Resources

The college is housed in eight building-blocks which include all necessary infrastructures to satisfy AICTE/ VTU norms. The spacious class rooms and well equipped laboratories provide good academic ambience to students in their pursuit of knowledge. In addition each Department has a dedicated seminar hall to facilitate the Co-Academic & Co-Curricular activities. The college has a well laid out Library facility providing books, journals, digital library, internet facility videos etc. The college is a Wi-Fi enabled campus with 20 Mbps connectivity and has more than 600 systems with all necessary legal softwares required for academic activity in the campus. Indoor and outdoor facilities, Gym, fully furnished seminar halls etc provide the right infrastructure for students to develop their hidden talents in various fields. Water facility is provided in all blocks of the college and two canteens are available to cater the needs of staff and students in the campus. The placement cell is well established with conference hall/s, seminar hall, GD rooms and interview rooms to meet the challenges of placing the students in number of companies which visit the campus for recruitment. The college has a captive power of 160KVA to meet any emergencies of power. There is a separate maintenance wing that maintenance the campus in all respects.

Student Support and Progression

A mentoring system is in place wherein each staff member is associated with 15-20 students who guide the students for all issues during their stay in the campus. The mentoring system also monitors the growth of students. Slow learners are identified and special tutorial & remedial classes are arranged to cater to this section of students. The placement cell provides the information regarding various competitive exams and placements available to students periodically as well as arranges the soft skill training to final year students to enable them acquire placements. An anti-ragging committee, anti-sexual harassment committee and a grievance cell is in place to ensure smooth functioning of the campus life. HKBKCE facilitates the scholarship to students from various Government Departments & funding organizations. The college has fully furnished and functional separate hostels for boys and girls, which are also Wi-Fi enabled. The students are encouraged to take part in cultural, social, Blood donation, NSS and other activities which provides a platform to hone their skills in leadership, teamwork, organizing etc.

Governance and Leadership and Management

HKBKCE is governed by a board of trustees of Karnataka State Muslim Federation, an educational trust started in the year 1997 by Sri CM Ibrahim, former Union Minister, Government of India. The trust has been contributing to the growth of HKBKCE in all areas to ensure that the students are well served in their pursuit of knowledge and graduate with all qualities to face the Global Market. The Academic council of the college deliberates on all academic issue, before guiding all academic activities in the campus. The decision taken by the AC, approved by the

Management is then implemented through the college council. The Programme Assessment Committee which consists of experts drawn from Industry, R & D labs, academia, alumni, students, senior staff in the Department & parents provides an excellent platform to all stakeholders to take part in college governance.

Innovation and Best practices

The college has adopted some best practices like mentoring system, Alert mechanism to parents, ICT usage and hands on sessions, content-online, webinar, Industrial visits for bridging the gap between industry and academia, activity based learning, course planning etc. The college is a green campus with all-round tree cover as well as lawns. A separate gardening wing takes care of all greenery in the campus. A compulsory subject on Environmental Engineering is taught at First year level to inculcate awareness of environment among students.

SWOC ANALYSIS OF THE INSTITUTION

SWOC ANALYSIS

STRENGTHS

1. Strong, Dynamic and Visionary management
2. Effective, Efficient, and collective academic leadership.
3. Highly qualified, experienced, stable, committed, research-oriented and Student-caring faculty.
4. Modern infrastructure with good campus redevelopment.
5. Extremely sound financial position of the trust managing the institute.
6. Modern laboratories with latest equipments, legal software packages, etc.
7. Students from all parts of the country leading to a cosmopolitan and progressive culture.
8. Active Alumni Association (R) with several alumni who are in good executive positions.
9. PG programmes and Research programmes in majority of the Departments.
10. Constant upgradation through workshops to implement best practices.
11. Healthy relation between faculty and student community.

WEAKNESSES

1. Industrial consultancy to be strengthened.
2. Potential of networking with other institutions not exploited.
3. Awareness of IPR among faculty needs to be created.
4. Industry-Institute Interaction needs to be strengthened.
5. R&D activities to be enhanced.
6. Hostel not in campus.

OPPORTUNITIES

1. Inter-disciplinary research and collaboration with other institutions to develop effective engineering solutions.
2. Possibility of offering electives in the emerging areas in collaboration with industries.
3. Networking and sharing of facilities with other institutions and industries.
4. Leveraging the strong links with distinguished alumni to increase the engagements with Industry for development projects, consultancy works etc.
5. Concerted efforts to be made to get externally acquired funds.
6. Hostel can be built in campus.
7. Can attract more merit students from socially backward students.
8. MOUs with more industries.

CHALLENGES

1. Migration of faculty in high-demand areas to industry/other institutes/ foreign Universities.
2. Competition from other institutions in the close vicinity of the college.
3. Fast changing technologies and educational ecosystem that is certain to place huge demands on the efforts to mobilize resources for upgrading human resources and physical infrastructure.
4. Decreasing availability of committed and quality faculty with passion for teaching.

PROFILE OF THE AFFILIATED COLLEGE

PROFILE OF THE AFFILIATED COLLEGE

1. Name and address of the college:

Name:	HKBK COLLEGE OF ENGINEERING
Address:	S.No.22 /1, Nagawara, Arabic College Post, Bangalore-560045, Karnataka
City :	Bangalore
Website:	www.hbkbeducation.org

2. For Communication:

Designation	Name	Tel. with STD code	Mobile	Fax	Email
Principal	Dr. Chaitanya Kumar M V	O: 080- 2544 3690 R :080- 28485621	9845346072	080- 2544 3813	principal@ hbkbeducation.org
Steering Committee Co-ordinator	Prof. Hussain Ahmed	O: 080- 25443690 R: 080- 22860327	9880716564	080- 2544 3813	hussainahmedsaleh @yahoo.co.in

3. Status of the of Institution :

Affiliated College
Constituent College
Any other (specify)

√
-
-

4.Type of Institution:

a. By Gender

- For Men
- For Women
- Co-education √

b. By shift

- Regular √
- Day
- Evening

5. Is it a recognized minority institution?

Yes
No

√

Name of the trust / Society : **Karnataka State Muslim Federation (KSMF)**
Public or Private : Private

Registration details : Registered under Karnataka State Cooperative
 : Registration Rule Act.No.17 Act Year 1960
 Registration No. and Date : 514:1994-95 & 29.09.1994
 Place of registration : Bengaluru Urban District
 Name of the state : Karnataka

6.Sources of funding:

Government	
Grant-in-aid	
Self-financing	✓
Any other	

7. a) Date of establishment of the college: 04/08/1997

b) University to which the college is affiliated /or which governs the college

Visvesvaraya Technological University, Belagavi Karnataka

c) Details of UGC recognition: Not applicable

d) Details of recognition/approval by statutory/regulatory bodies other than UG (AICTE, NCTE, MCI, DCI, PCI, RCI etc.)

Approved by AICTE

Under Section/ clause	Recognition/Approval details Institution/Department/	Day, Moth and Year	Validity	Remarks
1.	ECE,CSE,ME,ISE	1997-1998	2016	VTU has provisionally recommended Department of ECE,EEE&CSE for permanent affiliation
2.	EEE	2002-2003		
3.	MBA	2006-2007		
4.	Civil Engineering	2012-2013		
5.	Electronics, CSE (PG)	2012-2013		

8. Does the affiliating university Act provide for conferment of autonomy (as recognized by the UGC), on its affiliated colleges?

Yes ☒ No ☐

If yes, has the College applied for availing the autonomous status?

Yes ☐ No ☒

9. Is the college recognized

a) By UGC as a College with Potential for Excellence (CPE)?

Yes ☐ No ☒

b) For its performance by any other governmental agency?

Yes ☒ No ☐

NBA granted Accreditation to 5 UG Programmers in CSE, ISE, ECE, ME and EEE.

10. Location of the campus and area in sq.mts:

Location	Urban
Campus area	17.5 Acres
Built up area	24,678 sqm

11. Facilities available on the campus (Tick the available facility and provide numbers or other details at appropriate places) or in case the institute has an agreement with other agencies in using any of the listed facilities provide information on the facilities covered under the agreement.**❖ Auditorium/ Seminar complex with infrastructural facilities- Yes**

Sl. No	Seminar Hall	Block	Capacity
1.	Centralized Seminar Hall	D Block	250
2.	CSE Seminar Hall	F Block	100
3.	ISE Seminar Hall	F Block	100
4.	ME Seminar Hall	D Block	150
5.	EEE Seminar Hall	D Block	100

❖ Sports facilities

- Play ground **Yes**
- Swimming pool **No**
- Gymnasium **Yes**

❖ Hostel

- **Boys' hostel**
 - Number of hostels: 01
 - Number of inmate: 98
 - Facilities Solar water heater, Wi-Fi connectivity, Reading & Recreation Room, Mess.
- **Girls' hostel**
 - Number of hostels - 01
 - Number of inmates - 64
 - Facilities - Solar water heater, Wi-Fi connectivity, Reading & Recreation Room, Mess
- **Working women's hostel** -Not Applicable

❖ Residential facilities for teaching and non-teaching staff (give numbers available -- cadre wise), Waste water management- Not Available**❖ Cafeteria – Available****❖ Health centre – Available****❖ First aid facility at hostel - Available**

- Inpatient, Outpatient and Emergency care facility at Mediscope Hospital is

Available.

➤ Ambulance facility Not Available.

➤ **Health centre Staff**

Full Time

☐

Part-time

☒

Qualified doctor -- Available

❖ **Facilities like banking, post office, book shops** :Not Available

❖ **Transport facilities to cater to the needs of students and staff:**
Available

❖ **Animal house, Biological waste disposal, Solid waste management facility**-Not Available

❖ **Generator or other facility for management/regulation of electricity and Voltage** -Available

❖ **Water harvesting** – Available

12. Details of programmes offered by the college (current academic year 2015-16)

Sl. No	Programme Level	Name of the Programme/ Course	Duration	Entry Qualification	Medium of instruction	Approved Student strength	No. of students admitted
1.	UG	CSE	4 Yrs	PUC/10+2	English	120	105
		ISE				60	58
		ECE				180	115
		EEE				60	34
		ME				120	106
		CV				120	103
		2.				PG	CSE
Electronics	B.E		18	00			
MBA	Any Degree		60	19			
3.	Ph D VTU Approved Research Centre	ECE	> 3 yrs	Master's Degree 55%		Maximum of 50 research scholars/ as per the university norms for every eligible supervisor	02
		ME					02
		CSE					02
		ISE					NIL
		EEE					
		Chemistry					
		Physics					
		Mathematics					
		Civil					
		MBA					

13. Does the college offer self-financed Programmes?

Yes ☒ No ☐

If yes, how many? - 19 (All the offered programs are self financed)

14. Programmes introduced in the College during the last five years if any?

YES	✓	NO	-	03	Research, B.E(Civil), M.Tech
-----	---	----	---	----	------------------------------

15. List the Departments: (respond if applicable only and do not list facilities like Library, Physical Education as departments, unless they are also offering academic degree awarding programmes. Similarly, do not list the departments offering common compulsory subjects for all the programmes like English, regional languages etc.)

Faculty	Department	UG	PG	Research
Science	Physics, Chemistry & Mathematics	-	-	✓

16. Number of Programmes offered under (Programme means a degree course like BA, BSc, MA, M.Com...)

a. Annual system	00
b. Semester system	09
c. Trimester	00

17. Number of Programmes with

a. Choice Based Credit System Introduced by VTU from 2015-16 onwards	06
b. Inter/Multidisciplinary Approach	00
c. Any other (As per affiliated University)	00

18. Does the college offer UG and/or PG programmes in Teacher Education?

Yes ☐ No ☒

19. Does the college offer UG and/or PG programmes in Physical Education?

Yes ☐ No ☒

20. Number of teaching and non-teaching positions in the college

Positions	Teaching faculty						Non-teaching staff		Technical staff	
	Professor		ASP		AP		*M	*F	*M	*F
	*M	*F	*M	*F	*M	*F				
Sanctioned by the UGC/University	09	04	27	12	70	34			30	15
Sanctioned by the Management society or other authorized bodies	15	02	08	09	42	46	69	27	23	04

21. Qualifications of the teaching staff:

Highest qualification	Professor		ASP		AP		Total
	Male	Female	Male	Female	Male	Female	
Permanent teachers							
D.Sc./D.Litt.	-	-	-	-	-	-	-
Ph D √	12	02	01	-	01	03	19
M.Phil.	-	-	-	-	-	-	-
PG √	03	00	07	09	41	43	103
Temporary teachers							
Ph D	-	-	-	-	-	-	-
M.Phil.	-	-	-	-	-	-	-
PG	-	-	-	-	-	-	-
Part-time teachers							
Ph D	-	-	-	-	-	-	-
M.Phil.	-	-	-	-	-	-	-
PG	-	-	-	-	-	-	-

22. Number of Visiting Faculty /Guest Faculty engaged with the College.

0

23. Furnish the number of the students admitted to the college during the last four academic years.

Categories	Year 1 (2015-2016)		Year 2 (2014-2015)		Year 3 (2013-2014)		Year 4 (2012-2013)		Year 5 (2011-2012)	
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
SC	10	05	18	10	16	11	16	18	11	15
ST	01	00	01	01	06	02	02	08	01	06
OBC	225	47	159	54	74	50	76	52	65	43
General	160	72	125	56	192	70	227	95	211	72
Others	00	00	00	00	01	00	01	00	00	00
Total	398	123	303	121	289	133	322	173	288	136

24. Details on students enrollment in the college during the current academic year (2014-15)

Type of students	UG	PG	M. Phil.	Ph D	Total
Students from the same state where the college is located	342	35	NA	3	380
Students from other states of India	63	8	NA	0	71
NRI students	-	-	NA	-	-
Foreign students	14	0	NA	0	14
Total	419	43	-	3	465

25. Dropout rate in UG and PG (average of the last two batches) Students Admitted in students passed

UG

35.7%

PG

17.2%

- The Dropout rate is calculated by considering students who have completed the degree in a stipulated period of four years for BE programs and two years for PG programs.
- PG programs include M.Tech and MBA programs

26. Unit Cost of Education

(Unit cost = total annual recurring expenditure (actual) divided by total number of students enrolled)

(a) Including the salary component

Rs.

69,780

(b) Excluding the salary component

Rs

22,311

27. Does the College offer any programmes in distance education mode (DEP)?

Yes

☐

No

☒

28. Provide Teacher-student ratio for each of the programme / course offered

Sl. No.	Department	STR
1.	ECE	11.2
2.	CSE	13.26
3.	ISE	10
4.	ME	13.09
5.	EEE	10.72
6.	CIVIL	17.3

29. Is the college applying for

Accreditation: Cycle 1

☒

30. Number of working days during the last academic year.

264

31. Number of teaching days during the last academic year

(Teaching days means days on which lectures were engaged excluding the examination days)

156

32. Date of establishment of Internal Quality Assurance Cell (IQAC)

03/08/2015

33. Details regarding submission of Annual Quality Assurance Reports (AQAR) to NAAC.

Not Applicable

34. Any other relevant data (not covered above) the college would like to include. (Do not include explanatory/descriptive information)

- Funded projects.

Sl. No	Funding Received	Department	Year	Grant received
1.	DST	Civil	2012-13	33,00,000/-
2.	VGST grant	ME	2012-13	10,00,000/-
3.	VGST grant	ME	2013-14	10,00,000/-
4.	DST	CSE		3,500/-
5.	VGST	ISE	2014-15	30,000/-

- MOUs with industries
- VTU ranks

Sl No	USN	Name	UG/PG	Year	Rank
1.	1HK07EE007	Arogya Mary	UG	2007-11	9 th
2.	1HK09EC094	Shambhavi.A	UG	2009-13	3 rd
3.	1HK09IS036	Sameeha Ameer	UG	2009-13	3 rd
4.	1HK12LEL13	Shireen Fathima	PG	2012-14	1 st

- National conferences-EEE,ECE
- Short term courses –EEE,ME
- Internship-ME,EEE,CSE,ISE
- Infosys Campus Connect Program

CRITERION 1
CURRICULAR ASPECTS

CRITERION 1: CURRICULAR ASPECTS

1.1 CURRICULUM PLANNING AND IMPLEMENTATION

1.1.1 State the vision, mission and objectives of the institution, and describe how these are communicated to the students, teachers, staff and other stakeholders.

VISION

- To empower students through wholesome education and enable the students to develop into highly qualified and trained professionals with ethics and emerge as responsible citizens with broad outlook to build a vibrant nation.

MISSION

- To achieve academic excellence through in-depth knowledge in science engineering and technology through dedication to duty, innovation in teaching and faith in human values.
- To enable our students to develop into outstanding professionals with high ethical standards to face the challenges of the 21st century.
- To provide educational opportunities to the deprived and weaker sections of the society to uplift their socio-economic status.

The institute has been disseminating the mission and vision in the following ways:

	Media / Location	Remarks
1.	Website	www.hbkbeducation.org
2.	Calendar of events	Given to all staff & Students
3.	Handouts	Given to all staff & Students
4.	Lab manuals	Printed on inside cover
5.	News letter	Given to all staff & Students
6.	College Magazine	Given to all staff & Students
7.	Lab Record Books	Given to all Students

1.1.2 How does the institution develop and deploy action plans for effective implementation of the curriculum? Give details of the process and substantiate through specific example(s).

- The Institution follows the curriculum prescribed by the affiliating university, Visvesvaraya Technological University (VTU).
- At the beginning of the each semester the Academic Council (AC) comprising of the HODs under the chairmanship of principal prepares COE. A sample COE is shown in **Annexure 1**.
- The time table for the class work is prepared by the respective Departments as per the COE and AC monitors all academic activities.
- Internal assessments tests as planned in the academic calendar are conducted by one of the Departments on rotation basis under the centralized supervision of the Principal.
- Lesson plans and course files are maintained by each faculty for their respective courses

and are reviewed periodically by the HODs.

- The periodic meetings of Class Teachers, Class representatives, Course Coordinators and HOD help in taking suitable measures for the effective implementation of the academic process. These meetings also ensure that the stake holders are involved in TLP to their fullest satisfactions.
- Question Banks, Question papers, notes, NPTEL materials, PPTs of various courses are provided by the faculty to enable the student to understand the concepts clearly.
- Lab manuals for each lab are provided in the Department and are updated periodically by respective Lab Incharge. FDPs are conducted to ensure standardization of procedure for conduction of Labs.
- The attainment of POs is measured through mapping of questions in IA tests to respective COs of that course and mapping COs of all courses to each PO.
- CGPA marks of students are also used to evaluate the attainment of POs.

1.1.3 What type of support (procedural and practical) do the teachers receive (from the University and/ or institution) for effectively translating the curriculum and improving teaching practices?

- The Affiliating University revises the curriculum once in four years. University conducts FDP for the new subjects introduced during revision.
- The Institute provides ample learning materials and other teaching and reference material like Journals, Magazines, High speed internet connectivity, overhead projectors etc to enable its teachers to ensure effective delivery of curriculum.
- The institute encourages the faculty members to participate in national and international conferences, FDPs and workshops.
- The institution encourages the faculty to pursue higher studies and to take up the research work individually or in collaboration.
- The staff members are trained on effective teaching learning process using ICT, the micro teaching methodology, the project based pedagogy, the development of innovative and creative learning modules etc through FDPs and program like Wipro Mission 10X.

1.1.4 Specify the initiatives taken up or contribution made by the institution for effective curriculum delivery and transaction on the Curriculum provided by the affiliating University or other statutory agency.

- The college relies on the universal method of teaching strategy which is the chalk and talk method. However creative and innovative methods of teaching are adopted for the effective delivery of the curriculum.
- All the Departments are provided with LCD projectors and dedicated public address systems.
- Each Department has an exclusive seminar hall for guest lectures.
- Well planned academic calendar with detail schedules of academic, evaluation and extra- curricular activities throughout semester.
- Detail course material, lesson plans, class notes, Question banks, Lab manuals and model question papers are prepared by the faculty and are made available to the students.
- Slow learners are given special attention by conducting extra coaching for each

subject and the fast learners are motivated through project based learning and quiz programs.

- The attendance registers are scrutinized by the Head of the Department and the Principal once in a month to ensure coverage of topics as per syllabus and teaching schedules.
- Regular meetings between CRs, class teachers and course coordinators are conducted by HOD to review the teaching learning process, academic progress of the students, grievances if any, and suitable remedial measures are taken as and when necessary.
- Department maintains question banks which are used by faculty and students to get familiar with the pattern of examination.
- In addition to the regular subject classes, the college also organizes special lectures by inviting experts from various fields to share their knowledge and experience with the students.
- The college organizes Personality Development Programs for overall development of the student.
- Project Exhibition and symposia are organized to motivate them and Cultivate Creative learning among students.

1.1.5 How does the institution network and interact with beneficiaries such as industry, research bodies and the university in effective operationalisation of the curriculum?

The College has MOUs with good number of companies and interacts with them regularly, plans and organizes STPs, FDPs and extended lectures. The List of Companies having MOUs is indicated in **Annexure 2**.

- College arranges guest lectures, interactive workshops.
- Organization of Conferences with the industry executives and eminent personalities.
- The institution has an academic alliance with Infosys Campus connect program to bridge the gap between institution and industries and make the students employable.
- The Institute is an organizational member of various professional societies like IETE, ISTE, CSI, and IEEE and periodically arranges seminars, Guest Lectures, workshops and training programs in association with these bodies.

1.1.6 What are the contributions of the institution and/ or staff members to the development of the curriculum by the University? (Number of staff members/ Departments represented on the Board of Studies, student feedback, teacher feedback, stakeholder feedback provided, specific suggestions etc.

The staff members of HKBKCE contribute towards the development and implementation of curriculum in many ways. Some professors are BOS and BOE members.

They provide feedback from institute to university and contribute to developing curriculum at university level.

The feedback from the students, parents, alumni and industry is collected and consolidated and the viewpoints/ suggestions of stakeholders are communicated to the university during the syllabus review meetings.

The following professors are the members of VTU bodies,BOE,BOS

Sl. No.	Name of the Faculty Member	Nature of work
1	Dr. Chaitanya Kumar M V	Curriculum Development
2	Dr. A A Powly Thomas	Curriculum Development
3	Dr. Muzzamil Ahamed S	BOE Member

1.1.7 Does the institution develop curriculum for any of the courses offered (other than those under the purview of the affiliating University) by it? If 'yes', give details on the process ('Needs Assessment', design, development and planning) and the courses for which the curriculum has been developed.

Short Term courses beyond the syllabus are listed below:

- Embedded System
- AutoCAD Electrical
- CAD

The detailed syllabus of the STTPs is given in **Annexure 3**

1.1.8 How does institution analyze/ ensure that the stated objectives of curriculum are achieved in the course of implementation?

HOD monitors the Syllabus coverage regularly, whenever required additional classes are provided to the students. A structured feedback mechanism is in place to obtain information about the performance of the students.

Academic council ensures that the syllabus prescribed by the university is completed in all respects.

1.2 ACADEMIC FLEXIBILITY

1.2.1 Specifying the goals and objectives give details of the certificate/ diploma/ Skill development courses etc., offered by the institution.

The Institution offers several short term programs apart from regular academic programs i.e. B.E, M.Tech and MBA. The Courses provided by institution are of different levels to cater the needs of the participants. Apart from the workshops we are doing the following STTPs.

- Embedded System
- AutoCAD Electrical
- CAD

The details of the syllabus of the STTPs is given in **Annexure 3**

Skill Development Program:

The students are trained on aptitude, logical reasoning, communication, group discussion and HR skills by Training and Placement Department. Texas Instrument is conducting TI University program to encourage innovative ideas.

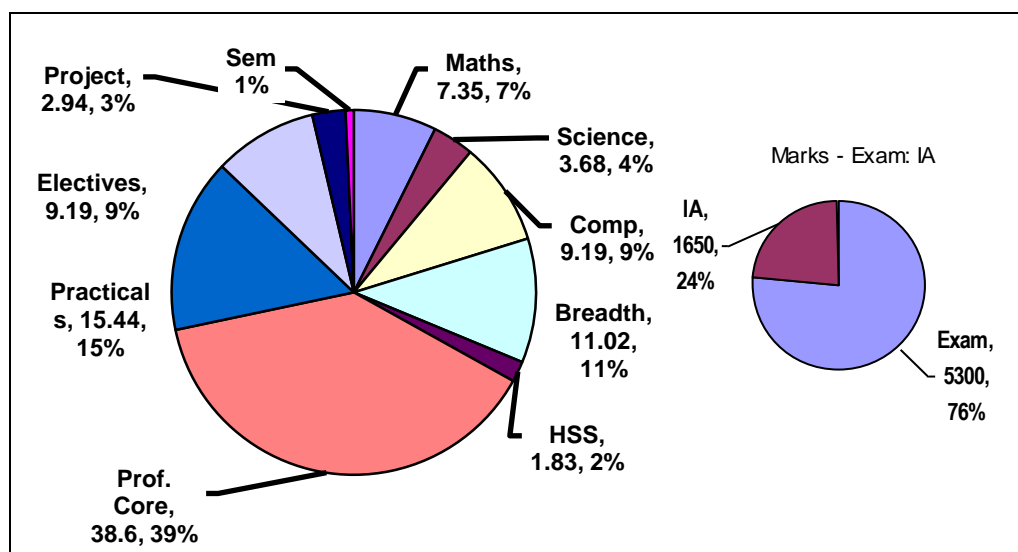
1.2.2 Does the institution offer programs that facilitate twinning / dual degree?

If 'yes', give details.

No.

1.2.3 Give details on the various institutional provisions with reference to academic flexibility and how it has been helpful to students in terms of skills development, academic mobility, progression to higher studies and improved potential for employability. Issues may cover the following and beyond:

To incorporate flexibility in syllabus the core and elective courses are offered in curriculum and the students have the flexibility to choose an elective subject to certain university regulations



- **Choice Based Credit System and range of subject options**

Applicable from 15-16

- **Courses offered in modular form**

There is no course offered in modular form and all the Departments strictly follow the curriculum which is defined by the VTU.

- **Credit transfer and accumulation facility**

NIL

- **Lateral and vertical mobility within and across programs and courses**

The Institution is affiliated to VTU which has flexibility for change of college in third semester and change of branch in third semester.

To avail this provision the student has to clear all subjects without any current back logs. The Diploma Students are directly admitted to third semester under lateral entry scheme.

- **Enrichment course**

All Departments conduct seminars, workshops, FDPs and technical symposia. Experts from academics and industries address the staff and students on emerging areas of relevance.

1.2.4 Does the institution offer self-financed programs? If ‘yes’, list them and indicate how they differ from other programs, with reference to admission, curriculum, fee structure, teacher qualification, salary etc.

All the programs offered by the institute are self-financing. The following are the list of programs offered in the institute:

	Sl. No.	Programme Name
UG Programs 4 Year Course	1	CSE
	2	EEE
	3	ECE
	4	ME
	5	ISE
	6	CIV
PG Programs 2 Year Course	1	Electronics
	2	MBA
	3	CSE

- Admissions and fee structure are as per the regulations of state Government of Karnataka.
- The teacher qualification and salaries are according to the VTU and AICTE norms.

1.2.5 Does the college provide additional skill oriented programs, relevant to regional and global employment markets? If ‘yes’ provide details of such programme and the beneficiaries.

Yes, the college provides additional skill oriented programs in association with industries. The Department of Electronics and Communication Engineering conducts skill development program in coordination with TI under the university programme.

1.2.6 Does the University provide for the flexibility of combining the conventional face-to-face and Distance Mode of Education for students to choose the courses/ combination of their choice” If ‘yes’, how does the institution take advantage of such provision for the benefit of students?

No

1.3 CURRICULUM ENRICHMENT

1.3.1 Describe the efforts made by the institution to supplement the University's Curriculum to ensure that the academic programs and Institution's goals and objectives are integrated?

To supplement the University's curriculum, the institution encourages and provides regular industry oriented programs, guest lectures, value added programs, seminars and industrial visits.

1.3.2 What are the efforts made by the institution to enrich and organize the curriculum to enhance the experiences of the students so as to cope with the needs of the dynamic employment market?

- As an affiliated institute we have constraints in modifying/ updating syllabus.
- We provide additional training and hands-on sessions on topics of current relevance.
- Various Departments arrange/ conduct seminar, guest lectures and workshops on emerging technologies.
- We have MOUs with industries that visit the institute and conduct training programs to our students and faculty.
- Students are encouraged to take up internship programs at different Public sector/ private sectors like BSNL.
- Soft skill training is imparted to students at different levels.

1.3.3 Enumerate the efforts made by the institution to integrate the cross cutting issues such as Gender, Climate Change, Environmental Education, Human Rights, ICT etc., into the curriculum?

The Institution maintains a healthy environment and takes the necessary initiatives for the growth and development of its stakeholders. There are various committees in the institution to maintain the peace and harmony among the different class of the stakeholders.

- Sexual harassment prevention
- Anti- raging
- Sports activities
- Annual Cultural Fest
- College magazine
- Biannual News letter by each Department.
- Annual Alumni news letter.
- NSS activity
 - Green Auditing
 - Blood Donation Camp
 - Eye Camp

Details of NSS Activity are in **Annexure 4**

1.3.4 What are the various value-added courses/ enrichment programs offered to ensure holistic development of students?

- **Moral and ethical values**

To ensure holistic development and to inculcate the moral and ethical values among students, VTU has offered a subject on “Constitution of India and Professional Ethics” for engineering students

- **Employability and life skills**

Pre placement training is a part of the curriculum provided by the institution to its students to enhance their employability skills. Institution also conducts personality and communication skill development programs as a part of regular pre placement training. Institution supports the students to attend internship program in industries.

Seminar/ Personality Development Programs conducted at the College

Sl. No	Activity	Date	Under the Banner	Resource Person Details
1.	“Leadership and initiatives”	Nov 12	HKBKCE	Mr. Arham Faraz, Project Lead, Dell
2.	“Motivation to reach Greatness”	23/ 03/ 13	HKBKCE	Mr.Arham Faraz, Project Lead, Dell
3.	“Art of Creative Writing”	01/ 03/ 14	HKBKCE	Mr. Sharmin Ali, Founder Dimension Art-Right-Is
4.	“Dare to Dream”	21/ 03/ 14	HKBKCE	Mr . Arham Faraz Leadership Academy
5.	“Being Fresher”	12/ 04/ 14	HKBKCE	Mr . Nishant Sharma, Senior quality Assurance Professional
6.	“Success & Career Guidance”	20/ 10/ 14	HKBKCE	Mr .Arham Faraz Leadership Academy
7.	“Group Discussion”	23/ 02/ 15	HKBKCE	Mr. Abhraham K C, Back Bone Networks Pvt. Ltd
8.	“Success & Carrier Guidance Program”	19/ 09/ 15	HKBKCE	Mr. Arham Faraz Leadership Academy
9.	“Higher education in India and abroad ”	13-14	HKBKCE	Ms. Jacqui McCary
10.	“Professional English”	14-15	HKBKCE	Mr. Michael Benjamin
11.	“Higher Education Abroad”	14-15	HKBKCE	Mr Ajaz Ahmed
12.	“Cracking the programming interview”	14-15	HKBKCE	Mr Subash K.U
13.	GD & Training	11-12	HKBKCE	Mr .V. Bharat
14.	GD & Training	12-13	HKBKCE	Mr. ParthaSarthy
15.	GD & Training	13-14	HKBKCE	Mr .ParthaSarthy

• **Better career options**

Sl. No	Seminar/ Workshop	Date	Under the Banner	Resource Person
1.	“Microcontroller”	12/ 02/ 11	HKBKCE	Mr. Shahid Ali, SE, Accenture
2.	“Technical Aspects for Engineering students”	22/ 03/ 11	HKBKCE	Mr. Syed Baba Majaz Hussain, Team lead, Juniper networks and Mr. Syed Abid, Technical lead
3.	“Application MATLAB”	23/ 04/ 12	HKBKCE	Mr. Srinivas, Solypsis Pvt. Ltd.
4.	“Implementation of Digital BPSK Demodulator with Doppler Correction”	31/ 08/ 12	HKBKCE	Ms. Alankrita Rebecca, Electronics Engineer, ERICSSON
5.	“Radar System”	01/ 09/ 12	HKBKCE	Prof. Shivram, scientist and consultant, LRDE
6.	“Cyber Link Solutions”	05/ 09/ 12	HKBKCE	Dr. Mohammed Zafar Ali Khan, Associate Professor & Head, Electrical Department , IIT, Hyderabad
7.	“Network Security”	29/ 09/ 12	HKBKCE	Mr. Baba Syed
8.	“Orcad Capture, PCB Editor, Spice Simulator”	10/ 03/ 14	HKBKCE	CAD Centre
9.	“Advanced Robotics and ES”	19,31/ 07/ 13	ARK Techno solutions	Mr. Jignesh M Vaghela
10.	“Signal Processing using MATLAB & SIMULINK”	19,23/ 10/ 13	Solypsys Labs	Technical Experts from Solypsis Labs
11.	7 th IETE Conference IConRFW – 14	08,10/ 05/ 14	IETE and HKBKCE	Dr. M. H. Kori, Bhatia H. S
12.	KSCST – 37 th Series of Students Project Programme, North Zone	14/ 06/ 14	KSCST & HKBKCE	Dr. Sree. Kantaiah, Secretary, KSCST
13.	“Hardware Skilled Development Programme”	27/ 09/ 14	HKBKCE	Mr. Srinivas Murthy, ASM Technologies, Bangalore
14.	ARM (Advance RISC Machine)	30/ 09/ 14 – 01/ 10/ 14	Tenet Technetronics & HKBKCE	Mr. Umashanker Shetty, TSE, Mr. Irappa G, Design ETI, Mr. Prajwal, application ETI, Mr. Pandidurai

15.	“Circuit Simulation & PCB Design using CADENCE ORCAD”	5,7/ 11/ 14	FTD Automation Pvt. Ltd.	Technical Exports from FTD Automation Pvt. Ltd.
16.	ESDM	10/ 11/ 14	HKBKCE	Technical Expert, IETE
17.	“Jobs Prospects on VLSI / ES”	11/ 02/ 15	HKBKCE	Mr. Narendra Kamath, RV-VLSI
18.	“Matlab and its Application in Industry”	14/ 02/ 15	HKBKCE	Mr. Harisha & Mr. Jagadeesh B Kannade, ECE
19.	“PCB Processor Automation”	13/ 03/ 15	HKBKCE	Mr. Vinay S, Assistant Manager, Alpha Imager Pvt. Ltd
20.	“Project Symposium”	16/ 05/ 15	HKBKCE	Mr. Aijaz Ali Khan & Mr. Shaik Imam, ECE
21.	“Analog Systems Design Using ASLK PRO”	28/ 09/ 15	HKBKCE	Mr. Gurupreet, Director ,Edgate Technologies ,Texas Instruments & Mr. Kiran C Binni ,Field Application Engineer
22.	“Nuvoton ARM cortex M0 programming & interfacing”	29/ 09 to 1/ 10/ 15	HKBKCE	Mr. Syed Mehtab, Director, Sun Softronic Systems
23.	“Advancing Higher Education Through Best Practices in Technology”	18/ 02/ 11	HKBKCE	
24.	“SAT- BOTRICKS”	20,21/ 10/ 11	HKBKCE	Mr.Satish, Senior Research Engineer, RobosapiensPvt.Ltd
25.	“MSP 430 Microcontroller and its Applications”	30/ 01/ 12	HKBKCE	Mr. Sunil Kumar, M/ s. ALS,
26.	“Advanced Microcontroller and its Applications”	01/ 02/ 12	HKBKCE	Mr. J. Kasinathan, M/ S. ALS
27.	“MEMS and its Applications”	26/ 09/ 12	HKBKCE	Dr. C. SreeshaChokkadi (Prof.& Head ICE, MIT)
28.	“IEEE Student Chapter Inauguration & Technical Symposium”	03/ 04/ 12	HKBKCE	Dr.Jayapal Reddy (Prof.& HOD, EEE, RVCE, Bangalore)
29.	“MAV Control & its Applications”	03/ 04/ 12	HKBKCE	Dr. M. SeetharamaBhat (Chairman, System Engineering, IISc)
30.	“Solar Energy”	22,23/ 02/ 13	HKBKCE	Dr.H.Naganagouda (Director, KPCL)

31.	“AUTOCAD (CAED)”	07,09/ 01/ 13	HKBKCE	Prof.V Keshavmurthy
32.	“ Solar Energy”	22,23/ 02/ 13	HKBKCE	Dr H.Naganagouda KPTCL,M r.Elangovan, MD of NIKI Solar Pvt Ltd, Bangalore
33.	Introduction to Real Time Simulation in PS”	26/ 02/ 14	HKBKCE	Dr. T Illamparithi, OPAL-RT Technologies Pvt Ltd.
34.	National Conference “NCE-14”	05/ 06/ 14	HKBKCE	Dr.SeetharamaBhat, Chairman, Aerospace Engineering Dept, IISc.
35.	“Issues in Robust Control”	30/ 08/ 14	HKBKCE	Dr.C.SreeshaChokkadi, Prof.& HOD, ICE, MIT
36.	“How To Access IEEE Journals”	15/ 10/ 14	HKBKCE	Mr. Dhanu P, IEEE Regional Office
37.	“HVDC Transmission, an overview”	11/ 03/ 15	HKBKCE	Dr.PremalaManohar, Prof.&HOD, EEE Dept. MSRIT, Bangalore
38.	Android Application Development	7/ 09/ 13	HKBKCE	Mr. Yajnesh T & Mr. Jickson P, ASE, Tech Jini Solutions Pvt. Ltd, Mr. Vishal Vijay,SE, Kode Blink Tech App LLP
39.	“Latex & its documentation for research Purpose”	14/ 09/ 13	HKBKCE	Dr. Chandrashekar M Patil ASP,ECE, VVCE, Mysore, Mr. Purohit Srinivasacharya AP, ISE Dpt., SIT, Tumkur, Mr. B G Nagaraj ,ASP, ECE Dept., GMIT, Davanagere
40.	“Astrid’s solutions”	19/ 9/ 13	HKBKCE	Sanal Kumar SAP Trainer
41.	“Second State Level CSI Technical Symposium – OVERLOAD ++”	26/ 10/ 13	HKBKCE	Dr. Subrata Chattopadhyay, Assoc. Director and Head, OGG & IG, & Ms. Mangala Scientist-E, CDAC Bangalore
42.	Byte Struck’13		HKBKCE	Dr. Waseem Ahmed, Prof, CSE
43.	CSI student chapter	25/ 8/ 12	HKBKCE	Mr Vishwas Bondade, Chairman, CSI B’lru Chapter, Ms. Padmashree, IBM
44.	“OOMD using UML”	20/ 8/ 12	HKBKCE	Dr. Sunitha ,SIT, Tumkur
45.	“ Ethical Hacking “	28/ 2/ 13	HKBKCE	Indiacan education
46.	“Redhat Linux and Virtualization”	3/ 4/ 13	HKBKCE	Redhat Academy

47.	“Android Application Development”	25/ 3/ 13	HKBKCE	CSI/ Tharitech Network solutions
48.	“Industry Practice in Software Testing”	27/ 4/ 12	HKBKCE	Mr. Santhosh T Corporate trainer
49.	“Multi Core Programming”	11-12	HKBKCE	Dr. N.K. Srinath
50.	“Cloud Computing & its Application”	12-13	VTU - Belgaum.	Dr KGSrinivas, Mr Ashok Kumar & Mr. Sethu Raman
51.	“Pattern classification using Support Vector Machines”	12-13	HKBKCE	Dr. M. Arun Kumar
52.	“PHP: A Technology to ramp up students career”	12-13	NIIT	Mr. Prasant Kumar
53.	“Android Application Development”	13-14	Tharitech NWS	Mr.Shahid & Ms.Sunita
54.	Windows8	13-14	HKBKCE	Mr. Biswajeet
55.	Networking	13-14	NIIT	Mr. Raman
56.	Industry Practices in Software Testing	13-14	IIBC	Mr.Santosh T
57.	Advanced Java	13-14	HKBKCE	Mr.Syed Khadeer Ahmed
58.	Unix System Programming	13-14	HKBKCE	Mrs Roli Srivatsava
59.	Career opportunities in Animation	13-14	HKBKCE	Experts from DSK Supinfocom
60.	Struts and Hibernate	13-14	HKBKCE	Ms. Varada N.P & Mr. Aman Varshney
61.	Mobile agents	14-15	HKBKCE	Dr.Mydhili k.Nair
62.	Cloud testing	14-15	HKBKCE	Ms.Namratha Chakarabarty
63.	Solid Works	14-15	HKBKCE	Abhinay
64.	Hyper mesh	14-15	HKBKCE	Abhinay
65.	NX Nastran	14-15	HKBKCE	Abhinay
66.	AutoCAD	13-14	HKBKCE	ParthaSarthy
67.	CATIA	13-14	HKBKCE	ParthaSarthy
68.	AutoCAD	13-14	HKBKCE	ParthaSarthy
69.	Industrial Application of Shock waves	12-13	HKBKCE	Dr.S.R.Nagaraja and Prof.MuzzamilAhamed
70.	Nano Technology	12-13	HKBKCE	Dr.Martin and Prof.MuzzamilAhamed
71.	Recent advances in Material sciences for aerospace applns	12-13	HKBKCE	Dr.K.Venkateswarlu & Prof.MuzzamilAhamed S

- **Community orientation**

The NSS unit takes care of all the social activities in and around the institution. Details are provided in **Annexure 4**

1.3.5 Citing a few examples enumerate on the extent of use of the feedback from stakeholders in enriching the curriculum?

Feedback on the enrichment of curriculum is obtained from alumni and industry partners time to time to make it effective from the employment point of view. The feedback is conveyed to the university through BOE and BOS members so that topics/ tools on emerging technologies are given due importance in the revised curriculum. Bridge courses are also designed based on the feedback.

1.3.6 How does the institution monitor and evaluate the quality of its enrichment programs?

- Institution has set up IQAC to audit the academic files, standard of Internal Assessment question papers and moderation of IA Test evaluation.
- Course Coordinators conduct meeting of teachers under their purview and report to the HODs regarding problems encountered to administer the academic standards.

1.4 FEEDBACK SYSTEM

1.4.1 What are the contributions of the institution in the design and development of the curriculum prepared by the University?

Faculty members are involved in suggesting new courses in the curriculum, University revises the Curriculum once in every 4 years. Some of the faculty members are BOE/ BOS members and they represent the college at appropriate fora. They put forth their suggestions in meetings. Feedback from the students is used to solve the academic and other issues they may face from time to time. Certain courses which students find difficult are identified and tutorial classes are conducted for better learning. Most of the staff members undertake evaluation at university examinations and some are appointed as Moderators or as paper setters.

1.4.2 Is there a formal mechanism to obtain feedback from students and stakeholders on Curriculum? If 'yes', how is it communicated to the University and made use internally for curriculum enrichment and introducing changes/ new programs?

Yes, the institute has a formal mechanism to obtain feedback from students and stakeholders, which is used for initiating remedial measures in TLP. The following are the feedbacks obtained from stakeholders:

Student Feedback: The student feedback is obtained every semester.

Faculty survey: Staff feedback on course curriculum is obtained every year.

Alumni Feedback: Alumni feedback is obtained during alumni function which is conducted every year.

Exit Survey: Feedback collected from outgoing students every year.

Satisfactory Survey: Feedback collected from outgoing students every year.

Different sample feedback forms / surveys are shown in **Annexure 5**

Based on the feedback the Principal suggests changes in curriculum to the VTU at an appropriate level.

1.4.3 How many new programs/ courses were introduced by the institution during the last four years? What was the rationale for introducing new courses/ programs?

Thirteen new programs/ courses were introduced. The new programs/ courses have started depending on the increase in demand for the particular programs/ course.

Sl. No	Level	Degree	Name of the Courses	Year	Intake			
					11	12	13	14
1	UG	CIV	----	13	---	---	60	60
2	PG	ECE	Electronics	12	---	18	18	18
3	PG	CSE	CSE	12	---	18	18	18
4	Doctoral	ECE		14	---	---	---	
5		ME		14	---	---	---	
6		CSE			---	---	---	
7		ISE			---	---	---	
8		EEE			---	---	---	
9		Engg Physics			---	---	---	
10		Engg Chemistry			---	---	---	
11		Engg Maths			---	---	---	
12		CIV			---	---	---	
13		MBA			---	---	---	

CRITERION 2
TEACHING - LEARNING AND
EVALUATION

CRITERION 2: TEACHING - LEARNING AND EVALUATION

2.1 STUDENT ENROLMENT AND PROFILE

2.1.1 How does the college ensure publicity and transparency in the admission process?

There is sufficient awareness about the institution and its achievements among the public at state and national level. The college website, www.hkbkeducation.org, presents information about the institution, its location, affiliation, infrastructure, vision, mission policies, courses, faculty, activities, tie ups, library, placement and transport facilities. The brochure of the institution also contains the above details. The institute adheres to the norms laid by VTU and AICTE. The college participates in educational fairs every year.

2.1.2 Explain in detail the criteria adopted and process of admission (Ex. (i) merit (ii) common admission test conducted by state agencies and national agencies (iii) combination of merit and entrance test or merit, entrance test and interview (iv) any other) to various programmes of the Institution.

Admission to Undergraduate Programme: Forty percent of the students are admitted through the Common Entrance Test conducted by KEA.

Admission through KEA: A candidate who has passed the II PUC or 12th with Physics and Mathematics as compulsory subjects along with Chemistry / Bio-Technology / Biology / Electronics / Computer Science as optional subjects with English as one of the languages of study and obtained an aggregate minimum of 45% marks in the optional subjects is eligible for Engineering / Technology courses; 40% marks in II PUC or 12th in case of SC, ST, Category-I and OBC Category candidates are also eligible for admission, provided that, the marks obtained by the candidate in Bio-Technology / Biology / Electronics / Computer Science in the II PUC or 12th will be considered in place of Chemistry, in case the marks obtained in Chemistry is less for required aggregate percentage, only for the purpose of determination of eligibility and not for the purpose of determination of rank, in respect of Engineering / Technology courses. The Merit list is prepared by considering qualifying exam marks and CET Marks in equal proportion.

Admission through Management Quota: Sixty percent of the sanctioned intake is through this quota. Candidates who satisfy KEA eligibility criteria are eligible to be admitted under management quota. 30% of the intake is for NRIs and 30% for the minorities.

Admission to Post-Graduate courses: For admission to M. Tech course, candidates need to qualify GATE or PGCET examination conducted by KEA. Candidates with a B.E/ B. Tech degree in the relevant discipline with at least 50% marks in aggregate are eligible.

Admission to MBA/ MCA: Admission is only through competitive entrance tests PGCET/ COMED-K. It is open to candidates who have a 3-year bachelor's degree from a recognized University with not less than 50% marks in aggregate of all the years of the degree examination. In case of candidates from Karnataka belonging to SC/ ST and Category-1, 45% of the marks in that subject are eligible for admission.

2.1.3 Give the minimum and maximum percentage of marks for admission at entry level for each of the programmes offered by the college and provide a comparison with other colleges of the affiliating University within the city/ district.

Sl. No	Academic Year	Minimum % in II PUC	Maximum % in II PUC
1.	2015-16	41.66%	98%
2.	2014-15	41%	93.66%
3.	2013-14	40%	95%
4.	2012-13	40%	92.83%

2.1.4 Is there a mechanism in the institution to review the admission process and student profiles annually? If ‘yes’ what is the outcome of such an effort and how has it contributed to the improvement of the process?

Admission policies are framed by the state government/ COMED-K time to time and the institution has to adhere to these rules. However policies regarding admissions to Management Quota are framed by the institution. Cut-off Percentage is revised each year for each branch of Engineering depending on the demand for the particular branch.

Sl. No	Academic Year	Minimum %in IPUC	Maximum % in II PUC	Minimum CET Rank	Maximum CET Rank
1.	2015-16	41.66%	98%	20348	111857
2.	2014-15	41%	93.66%	14142	95883
3.	2013-14	40%	95%	17271	114570
4.	2012-13	40%	92.83%	8368	82642

The admission policy to management quota is summarized as follows.

- Candidates who satisfy KEA eligibility criteria are eligible to be admitted under management quota through an interview.
- Tuition fee is fully or partially waived for highly merited and deserving candidates, state/ national level athletes/ players.
- Students from North-East are given special consideration as a part of our policy to promote national integration.

2.1.5 Reflecting on the strategies adopted to increase/ improve access for following Categories of students, enumerate on how the admission policy of the institution and its student profiles demonstrate/ reflect the National commitment to diversity and inclusion.

SC/ ST and OBC: Benefits are provided to the weaker sections of society as per the policies of state government. Students belonging to the SC/ ST/ OBC categories are

admitted as per the norms of the State government. SC/ ST students are provided with scholarship or fee reimbursement as per Government norms.

Women: A good number (around 40%) of Girl students seek admission in the institute both through CET and Management quota, Transportation facility is provided. We have a women's grievance cell to address the concerns raised from time to time.

Different categories of persons with disabilities: Due care is provided to students with disabilities within the norms of University rules and regulations.

Financially weaker sections: Financially weaker students are supported with scholarships as per state government norms wherever applicable.

Minority community: Students from minority community get loan scholarship from KMDC. The college facilitates this possibility.

2.1.6 Provide the following details for various programmes offered by the institution during the last four years and comment on the trends. i.e. reasons for increase / decrease and actions initiated for improvement.

The admission showed a downward trend during the academic years 2012-13 and 2013-14. The problem was discussed by Governing Council. The decrease in admission is believed to be due to the following reasons.

- The overall intake of engineering colleges in Karnataka has increased.
- The intake of most of the engineering colleges in the vicinity of our institution has increased considerably.
- Deemed Universities have come up in Bangalore recently.
- Decline in campus recruitments.

The following remedial measures were taken

- Fee concession/ waiver for meritorious / deserving students from economically backward sections.
- Strengthening Training & Placement activities.

Following table gives total no. of candidates admitted during the academic years 2015-16, 2014-15, 2013-14, 2012-13 and 2011-12

Programmes	No. of Applications	No. of students admitted	Demand Ratio
2015-16	662	547	83
2014-15	652	458	70
2013-14	652	489	75
2012-13	579	495	85
2011-12	523	394	75

22 CATERING TO STUDENT DIVERSITY

22.1 How does the institution cater to the needs of differently-abled students & ensure adherence to government policies in this regard?

Policies adopted by Government of Karnataka/ VTU for differently-abled students are followed.

22.2 Does the institution assess the students' needs in terms of knowledge before the commencement of the programme? If 'yes', give details on the process.

We conduct orientation program for newly admitted students each year before the classes commence.

22.3 What are the strategies adopted by the institution to bridge the knowledge gap of the enrolled students (Bridge/ Remedial/ Add on/ Enrichment Courses, etc.) to enable them to cope with the programme of their choice?

- Workshops, Guest lectures, soft skill training programs are conducted to enrich the knowledge of students.
- Tutorial classes are conducted by concerned subject teachers for analytically abstract subjects.

22.4 How does the college sensitize its staff and students on issues such as gender, inclusion, environment etc.?

- To educate the students about environment, programs like cleanliness in the college campus and surroundings, go green, blood donation camp and eye testing camp are conducted.
- Women's grievance cell is formed for the security and welfare of the weaker gender.

They approach the cell for resolving issues if any.

22.5 How does the institution identify and respond to special educational / learning needs of advanced learners?

The Institute fosters independent learning that contributes to their academic and personal growth.

- They are encouraged to take up Mini projects
- They are encouraged for poster presentations and symposium.
- They are motivated to participate in conference in colleges and universities.
- They are encouraged to take up seminars on topics of emerging technology
- They are encouraged to take up internships programs at BSNL and other places
- Encouraged to attend competitive events conducted by other colleges
- They are encouraged to take up competitive exams GRE, GATE, CAT, GMAT etc.

2.2.6 How does the institute collect, analyze and use the data and information on the academic performance (through the programme duration) of the students at risk of drop out (students from the disadvantaged sections of society, physically challenged, slow learners, economically weaker sections etc. who may discontinue their studies if some sort of support is not provided)?

The institute has a good counseling system, where a group of 10-20 students are assigned to a faculty. The counselor monitors their performance, advises them, educates them about the institutional rules and informs the parents about their progress through report card and alert mechanism to parents through SMS and, if necessary, through telephonic conversations. Students who are at the risk of drop out are given special attention and are advised to take the right decision depending on the number of subjects in which they are weak. The socially and economically disadvantaged students are supported with scholarships, fee reimbursement and concession facilities as per government rules.

23 TEACHING-LEARNING PROCESS

2.3.1 How does the college plan and organize the teaching, learning and evaluation schedules?(Academic calendar, teaching plan, evaluation blue print, etc.)

- The institution follows the curriculum prescribed by the affiliating University, VTU.
- At the beginning of the each semester the Academic Council (AC) prepares the COE.
- The time table for the class work is prepared by the respective Departments as per the COE and AC monitors all academic activities.
- Internal assessments tests as planned in the COE are conducted by one of the Department on rotation basis under the centralized supervision of the Principal.
- Lesson plans and course files are maintained by each faculty for their respective courses and are reviewed periodically by HOD.
- The periodic meetings of Class Teachers, Class representatives, Course Coordinators and HOD help in taking suitable measures for the effective implementation of the academic process.
- Question Bank, Question papers, notes, NPTEL materials, PPTs of various courses are provided by the faculty to enable the student to understand the concepts clearly.
- Manuals for each lab are prepared and updated periodically by respective Lab Incharge
- IA tests are conducted strictly as per the guidelines of VTU. After the test, the blue books are evaluated by the concerned faculty based on scheme of evaluation. Students are given an opportunity to see the books as well as the scheme of evaluation and seek clarifications, if any.

2.3.2 How does IQAC contribute to improve the teaching-learning process?

The IQAC plays a major role in improving the teaching-learning process. The committee monitors each academic activity in the Department and ensures that the same is happening as per the schedule. The academic progress of the students, the marks scored in the internal assessments test as well as the attendance is communicated to the parents by the Department. For every 15 to 20 students, one counselor is appointed who monitors

the progress of those students and periodically interacts with them and identifies the weaknesses and strengths of the students and guides them.

2.3.3 How is learning made more student-centric? Give details on the support structures and systems available for teachers to develop skills like interactive learning, collaborative learning and independent learning among the students?

Students can make use of computer facility and Wi-Fi connection to browse information pertaining to topics of their interest which promotes independent learning. Group activities such as mini projects and seminars are encouraged among students to promote collaborative learning. Students are encouraged to attend quiz programs, poster and paper presentation contests.

2.3.4 How does the institution nurture critical thinking, creativity and scientific temper among the students to transform them into lifelong learners and innovators?

Departments organize guest lecturers, workshops by industrial experts and advanced researchers. They deliver talks on various topics. Students can interact with the faculty to know about the ongoing research activities in areas of their interest. Students can present their creative skills by doing mini projects, and participating in seminar and poster presentations.

2.3.5 What are the technologies and facilities available and used by the faculty for effective teaching? Eg: Virtual laboratories, e-learning - resources from National Programme on Technology Enhanced Learning (NPTEL) and National Mission on Education through Information and Communication Technology (NME-ICT), open educational resources, mobile education, etc.

Department libraries have NPTEL materials on all important topics. Students can borrow CD/ DVD on any particular topic from the Departmental library and use the Departmental computer facilities for learning purpose.

2.3.6 How are the students and faculty exposed to advanced level of knowledge and skills (blended learning, expert lectures, seminars, workshops etc.)?

Each Department conducts a meeting at the beginning of a semester to decide on the programs to be conducted during the semester. The Departments follow the COE and conducts all their activities within the frame work of the dates of important events mentioned in the COE. Normally each Department conducts one workshop, one seminar and a few guest lecturers in a semester. In addition to this, faculty members are encouraged to attend workshops, seminars and FDP conducted by other colleges and universities.

For the benefit of students, VTU conducts EDUSAT programme every semester. VTU announces the time table of this programme well in advance. Our seminar hall is equipped with necessary audio-visual facilities to conduct EDUSAT classes.

2.3.7 Detail (process and the number of students benefitted) on the academic, personal and psycho-social support and guidance services (professional counseling/ mentoring/ academic advise) provided to students?

Students, in general, are counseled by faculty members. Generally, a group of 15-20 students are allotted to a faculty member for counseling purpose. The counselor monitors the academic progress of the students and counsels them for their academic growth. Faculty members counsel the students and suggest measures to improve their academic performance. The progress of such students is monitored by the counselor and if sufficient progress in terms of attendance and academic performance is not observed, reports to the HOD. The parents are informed and HOD counsels the students along with his/ her parents

2.3.8 Provide details of innovative teaching approaches/ methods adopted by the faculty during the last four years? What are the efforts made by the institution to encourage the faculty to adopt new and innovative approaches and the impact of such innovative practices on student learning?

Vast syllabus, advanced topics and paucity of time necessitate innovative teaching approaches. Considerable time is consumed in explaining logical and analytical topics to the students. Also, for proper understanding of a subject, it is essential that the student is strong in fundamentals. So, innovative teaching methods are essential to help the students grasp concept quickly.

- Subject allotment is done well in advanced to enable the faculty members to prepare and plan for the course.
- Course file is prepared by faculty at the beginning of the semester.
- Some teachers use Power point presentations to explain the topics.
- Teachers make the class interactive. This encourages inquisitive learning among students
- Project work exhibition, technical symposium are organized.

2.3.9 How are library resources used to augment the teaching- learning process?

The library is well equipped with standard textbooks and reference books recommended by VTU. The most referred books by the students are available to the extent of 50% of the strength of the students taking up the course. These books are kept in book bank and students draw two books from library and retain with them for the entire semester and can return these books after examination.

The merit students who stand one among the top five in each section are extended the facility of borrowing two additional books, apart from the two they get from book bank. The regular cards are also available for issue and return. At any time during the working hours the students can sit in library and browse through the literature. A separate section is allocated for digital library where students can access journals and other literature.

2.3.10 Does the institution face any challenges in completing the curriculum within the planned time frame and COE? If yes, elaborate on the challenges encountered and the institutional approaches to overcome these.

COE is prepared well in advance. Faculty members prepare lesson plans for their respective subjects. Normally it is not a problem to complete the syllabus in time. If a holiday is declared by the Government under any exigency it is compensated by working on an off Saturday/ on Sunday. Alternate Saturdays are normally off.

2.3.11 How does the institute monitor and evaluate the quality of teaching learning?

Academic Council (AC) has been constituted in the institution to achieve academic excellence. The main objective is to ensure the effective implementation of curriculum as specified by the affiliating University.

- The AC monitors the conduction of theory and practical classes, course completion, delivery mechanism, curriculum transaction and conduct of IA tests.
- The AC ensures that Departments complete all the academic activities within the stipulated time as mentioned in the COE.
- The AC ensures that the Departments prepare all the required academic and administrative documents before commencement of the classes and are properly notified in time and brought to the notice of all concerned.
- The AC ensures that the Departments evaluate the scripts and notify the marks on the Department notice boards.
- The AC ensures the proper execution of various activities mentioned in the University as well COE is adhered to.

2.4 TEACHER QUALITY

2.4.1 Provide the following details and elaborate on the strategies adopted by the college in planning and management (recruitment and retention) of its human resource (qualified and competent teachers) to meet the changing requirements of the curriculum.

The recruitment of staff members to all cadres is based on the guidelines notified by UGC/ AICTE/ VTU/ State Government time to time. The recruitment procedure is carried out by the Human Resource Department of the institution. The selection is made by a competent selection committee headed by the Principal.

The selection committee consists of the Principal, HODs, Internal and External subject experts. The recommendations of the Committee are forwarded to the Director for approval after which appointment orders are issued. The decision of the Management is final in all appointments.

To improve the competency level of teachers, they are encouraged to participate in conferences, seminars and workshops conducted by various institutions. Also the institution accords top priority for utilizing E-resources which is a vast source of knowledge.

The following table gives the competencies of staff in terms of qualification, designation and gender distribution.

Highest Qualification	Professor		ASP		AP		Total
	Male	Female	Male	Female	Male	Female	
Permanent Teachers							
D.Sc/ D.Litt	-	-	-	-	-	-	-
PhD	12	02	01	-	01	03	19
MPhil	-	-	-	-	-	-	-
PG	03	00	07	09	41	43	103

2.4.2 How does the institution cope with the growing demand/ scarcity of qualified senior faculty to teach new programmes/ modern areas (emerging areas) of study being introduced (Biotechnology, IT, Bioinformatics etc.)? Provide details on the efforts made by the institution in this direction and the outcome during the last three years.

Our institution has 6 branches of Engineering. The institution has 122 teaching staff members. To attract talented teachers, AICTE pay scales are given to all and in deserving cases higher packages are offered. College is located in the heart of the city. Also facilities like allowances for taking part in seminars, workshops and conferences, maternity leave, etc. are given to retain good faculty members.

Other benefits include marriage loans, marriage leave, festival advance and sponsorship for higher studies to upgrade the qualification.

2.4.3 Providing details on staff development programmes during the last four years elaborate on the strategies adopted by the institution in enhancing the teacher quality.

College sponsors / nominates faculty for development programs.

The following table gives the number of faculties nominated for various programs.

a) Nomination to staff development programmes

Staff Development Programmes	No. of faculty nominated
Refresher courses	04
HRD programmes	30
Orientation programmes	01
Staff training conducted by the University	05
Staff training conducted by other institutions	38
Summer / winter schools, workshops, etc.	28

Staff members are permitted to attend various FDP's, workshops and seminars at other institutions and within the institution to facilitate improvement of knowledge and performance.

Following table gives some of the FDPs conducted at the Institution.

Sl. No.	Activity	Date	Under the Banner	Resource Person Details
1.	"Train the Trainer"	26-28/ 01/ 11	HKBKCE	Prof. Hussain Ahmed, Prof. Zahira Tabassum, Prof. Imtiyaz Ahmed
2.	"Antennas"	28/ 03/ 11	HKBKCE	Dr. Chaitanya Kumar M.V, Principal
3.	"MSP 430 and its Applications"	01,3/ 03/ 12	HKBKCE	Prof. Mohammed Junaid, Prof. Zahira Tabassum, Prof. Syeda Husna Mohammadi, Prof. Abdul Saleem
4.	"Nano Technology"	17/ 09/ 12	HKBKCE	Dr. Vaibhav Meshram, Professor and P G Coordinator
5.	"Lab View and Data Acquisition"	29-31/ 01/ 13	VTU, Trident Techlabs Pvt. Ltd.,	Technical Experts from Trident Technologies
6.	"VLSI using Cadence Tool"	29-31/ 01/ 14	HKBKCE	Mrs. Kehkeshan Jallal & Ms. Subiya Yaseen, Ms. Khameer Fathima U B, ECE
7.	"Public Speaking and Learning Skills"	30/ 01/ - 01/ 02/ 14	HKBKCE	Arham Faraz Leadership Academy
8.	"Orcad Capture, PCB Editor, Spice Simulator"	10/ 03/ 14	HKBKCE	CAD Centre
9.	"Analog and digital circuit design using Multisim and LabVIEW"	25-27/ 06/ 14	HKBKCE	Mr. Shaik Imam & Mr. Shabeer Ahmed , Dept of ECE,
10.	"Research Methodologies and Technical Paper Preparation"	30/ 07/ 14	HKBKCE	Dr. Suraiya Tarannum, Prof. ECE
11.	"Latex Software"	15/ 09/ 14	HKBKCE	Dr. Suraiya Tarannum, Prof. ECE

b) Faculty Training programmes organized by the institution to empower and enable the use of various tools and technology for improved teaching-learning

➤ **Teaching learning methods/ approaches**

We conduct FDPs to empower use of various tools for improved teaching learning process. Two such programs organized at our college are

- FDP on “Public Speaking and Learning Skills”
- Magic Solution and services ”The Magic of making teaching effective”

➤ **Handling new Curriculum**

It is highly desirable to impart training to faculty members who are expected to handle new labs. We conduct FDPs to train the faculty members of VTU affiliated colleges to handle the new subjects. Department of E&C conducted National workshop on LABVIEW and Workshop on use of cadence tool, Multisim etc.

➤ **Content/ knowledge management**

Office automation software is under development for managing student database and other related operations. Central library has Library automation software (Libsoft) which takes care of all major operations.

➤ **Selection, development and use of enrichment materials**

Learning Management System is available in Department websites which contains power point presentations, notes, questionnaires, videos etc. related to all courses in the syllabus.

➤ **Assessment**

When new software is introduced, concerned staff members are given training on its operation. For example, digital evaluation was introduced by the affiliating University, faculty members were trained on its operation. At the Institutional level all the staff members were given training on the use of HKBKCE Office Automation Software.

➤ **Cross cutting issues**

NIL

➤ **Audio Visual Aids/ multimedia**

Each Department library has a collection of NPTEL videos. Students can use seminar halls having audiovisual equipments for watching the above learning materials.

Teaching aids are developed by faculty members. Most faculty members develop power point presentations and use some slides from open educational resources.

c) Percentage of faculty

Academic Staff Development Programmes	No of Faculty Nominated
Percentage faculty invited as resource person in workshops seminars	7.5%
Percentage faculty participated in external workshops, seminars, conferences recognized by National / International/ Professional bodies	48.7%
Percentage faculty presented papers in workshops, seminars and conferences conducted or recognized by professional bodies	38.7%

2.4.4 What policies/ systems are in place to recharge teachers? (eg: providing research grants, study leave, support for research and academic publications teaching experience in other national institutions and specialized programmes industrial engagement etc.)

The Institution provides support to the faculty members for their professional advancement. Following policies have been adopted by the institution.

- **Higher Studies**

Faculty members are granted leave and financial assistance for higher studies in fields of specialization of their choice. The facility is limited to one faculty member per Department every year. However this is flexible at the discretion of the Management.

- **Seminars/ Workshops/ Conferences**

Interested staff members are encouraged to attend seminars, workshops and conferences and the period of absence is treated as special leave. The faculty members are deputed to short term/ orientation courses without affecting the academic work and after making reciprocal arrangement. Such leave is treated as special leave.

- **Professional Society Life Membership**

The Institute is an organizational member of IETE, ISTE. Several staff and students are also members of CSI, IEEE.

The following table gives the students membership of different professional societies for last two years.

Branch	Name of the Professional Societies	Students Enrolled	
		2014-15	2015-16
CSE	CSI	105	97
ISE	CSI	33	29
ECE	IETE	124	154
ME	SAE	82	80
	IEI	20	30
EEE	IEI	-	16

- **Promotion of Research**

The institution promotes research, development and consultancy among faculty members at various levels.

2.4.5 Give the number of faculty who received awards / recognition at the state, national and international level for excellence in teaching during the last four years. Enunciate how the institutional culture and environment contributed to such performance/ achievement of the faculty.

Nil

2.4.6 Has the institution introduced evaluation of teachers by the students and external Peers? If yes, how is the evaluation used for improving the quality of the teaching-learning process?

Sample feedback form is shown in **Annexure5**. Feedback is collected from students of each class at the end of every semester. A summary report is prepared which shows the score of individual subject teachers. The feedback is given to the teacher and HOD counsels the teachers on specific areas of strength and weakness. The concerned teacher can use this for his/ her own betterment. Presently we have no mechanism to collect feedback from peers.

25 EVALUATION PROCESS AND REFORMS

2.5.1 How does the institution ensure that the stakeholders of the Institution especially students and faculty are aware of the evaluation processes?

At the University level all rules and regulations governing UG/ PG courses are mentioned in the corresponding 'Scheme and Syllabus' book supplied by VTU. The booklet contains bylaws on attendance requirement, internal assessment marks, eligibility for passing, maximum duration for course completion, promotion and eligibility to appear for examinations, electives, seminar & project, award of class at semester level, award of class at degree level, award of medals & ranks and transfer from one college to another and change of branch.

- With respect to IA test evaluation the procedure is as follows.

At the beginning of every semester, the Academic Council, in consultation with the Principal, prepares the academic calendar with the dates of conduction of IA test, date of publication of results, date of dispatch of report cards etc. The above information in the academic calendar is brought to the notice of the stake holders by displaying it on notice boards, in the course file and Department websites. Once the evaluation process is complete, students can see their answer scripts/ blue books. In case of any discrepancy, the student can bring it to the notice of the teacher for appropriate correction. Further, consolidated lists of IA marks and attendance are prepared followed by progress reports. Progress reports are posted to parents on the scheduled date.

2.5.2 What are the major evaluation reforms of the University that the institution has adopted and what are the reforms initiated by the institution on its own?

Following are the major evaluation reforms introduced by the University in recent years.

- **On-line resume entry:**
First year students are required to enter their details to the VTU database.
- **On-line entry of internal assessment marks:**
The final IA marks of the students are to be entered to VTU website during the period notified by the University. The concerned subject teacher has to enter the IA marks and the same is to be approved by the Principal. Once the Principal approves the marks, alterations are not possible.
- **On-line uploading of examination/ revaluation application forms:**
Examination/ re-evaluation applications are to be uploaded on VTU website during the period notified by the University. A printout of the receipt is kept in the exam section for future reference.
- **Question Paper Delivery System:**
All VTU examination question papers are delivered through a highly secure data transfer system. University gives security codes to CS, DCS for downloading question papers. The question paper can be downloaded only 30 minutes before the commencement of examination. Necessary copies of the same is printed and packed. As per VTU guidelines, the entire process takes place in a strong room exclusively meant for the purpose. Entry to the strong room is restricted to CS and DCS only.
- **Digital evaluation of answer scripts:**
On completion of an examination, the answer scripts are sent to the VTU regional office on the same day. These answer books are scanned to digital form and communicated to various evaluation centers for evaluation. As the entire process is automated, the effort of the evaluator is reduced to a great extent. This system also avoids the difficulty in transporting the answer scripts to various evaluation centers and the University office.
- **Publication of results in website/ communication through SMS:**
Students can get the result from website or by sending SMS to the University.

Following are the major reforms introduced by the institution.

- The institution has a separate exam section which uploads examination application forms to VTU
- The exam section maintains the database of results of students.
- Department also maintains the database of the results, phone numbers of parents and IA Marks in Excel format.

2.5.3 How does the institution ensure effective implementation of the evaluation reforms of the University and those initiated by the institution on its own?

- The evaluation reforms of the affiliating University are to be followed strictly by each constituent college. The Academic Council supervises on-line entry of IA marks.
- As far as QPDS is concerned, it is the joint responsibility of the Chief, External and Internal Deputy Chief Superintendents for maintaining confidentiality. A special squad of the University inspects the system during their visit.

2.5.4 Provide details on the formative and summative assessment approaches adopted to measure student achievement. Cite a few examples which have positively impacted the system.

Department maintains a counseling diary for each student which contains information on his/ her academic performance from first semester onwards. Counseling diary helps the counselor to monitor progress of the students and guide them to take necessary remedial measures. Department also maintains a cumulative database from 1st to 8th semester with IA marks as well as the University marks. At the end of 4 years the CGPA of the student is calculated to determine the API of each batch. This gives the information about the rate of success of each Department and its throughput. Based on this direct assessment method the Department and the institution initiate necessary measures for further improvement.

2.5.5 Detail on the significant improvements made in ensuring rigor and transparency in the internal assessment during the last four years and weightages assigned for the overall development of students (weightage for behavioral aspects, independent learning, communication skills etc.)

The institution is affiliated to VTU and hence governed by its rules. As per norms, three IA tests are conducted in a semester. Every course teacher submits 2 sets of question papers in sealed covers to the HODs. The HODs submit the question papers to the Principal.

The Principal and the DCS (who happens to be one of the HODs) scrutinize the question papers and selects any one of the two for issue. The selected paper is Xeroxed and packed in sealed covers and kept in the strong room. 15 minutes prior to the commencement of tests, the packets containing required number of Question Papers for each room are handed over to respective invigilators.

This ensures a transparent and confidential method of conduction of IA tests. Evaluation is strictly as per the scheme prepared by the faculty who has set the question paper.

IA question paper is set for 25 marks and the time allotted is 1 hour. VTU examination pattern is followed in conducting IA tests. The evaluated blue books are distributed to the students for clarifications as per scheme of evaluation and the finalized IA marks are displayed on notice board.

Seminar and Project presentations help the students develop proficiency in communication skills and independent learning. A total of 250 marks is assigned to project and seminar.

2.5.6 What are the graduate attributes specified by the college/ affiliating University? How does the college ensure the attainment of these by the students?

NBA has identified twelve Graduate Attributes of an Engineer. These are referred to as program outcomes by Washington Accord. The institution is making concerted efforts for attainment of these attributes through its teaching, learning and evaluation processes.

12 Graduate Attribute's defined by the institution conform to the GA's prescribed by the NBA. From this academic year each Department would also formulate Program Specific Program Outcomes to strengthen the level of attainment of the Mission and Vision of the institution.

The GAs are listed below.

- Engineering Knowledge
- Problem Analysis.
- Design and development of solutions.
- Conduct investigations of complex problems.
- Modern tool usage.
- The Engineer and society.
- Environment and sustainability
- Ethics
- Individual and team work.
- Communication
- Project management and finance
- Life-long learning

2.5.7 What are the mechanisms for redressal of grievances with reference to evaluation both at the college and University level?

University has a system for redressal of grievances. With reference to evaluation, if the students does not score marks to their satisfaction, they can apply on-line for reevaluation of their answer script after paying the prescribed fee. The student can also apply for a photocopy of his/ her answer script. The photocopy is mailed to the id provided by the student.

At institution level, grievances related to evaluation are normally addressed by the concerned teacher and Head of the Department depending on level of dissatisfaction. In case of serious allegation regarding discrepancy in awarding of marks, the HOD takes up the matter with the AC and resolves the issue to the satisfaction of aggrieved student and the concerned teacher.

2.6 STUDENT PERFORMANCE AND LEARNING OUTCOMES

2.6.1 Does the college have clearly stated learning outcomes? If ‘yes’ give details on how the students and staff are made aware of these?

Graduate Attributes are considered as the learning outcomes. Learning outcomes are displayed at all important locations in the college. Also the same is available in the college website.

Apart from GAs, PSOs are also to be articulated by each Department .They are circulated to the students along with the COE and also displayed in prominent locations in the corridors and various labs. COs are also articulated for each course by the concerned staff and mapped on to GAs/ POs. This ensures the alignment of the curriculum to ultimately achieve the mission and vision of the institute.

A booklet of COs is given to all the students at the beginning of the semester. The students are advised to keep track of the COs as and when the course is being taught. At the beginning of every semester, the HOD and NAAC/ NBA coordinators conduct an orientation programme for benefit of staff and students.

2.6.2 Enumerate on how the institution monitors and communicates the progress and performance of students through the duration of the course/ programme? Provide an analysis of the students results/ achievements. Programme/ course wise for last four years) and explain the differences if any and patterns of achievement across the programmes/ courses offered.

Departments maintain counseling book for each student. The counseling book contains basic information of the student along with the marks scored in IA tests and University examinations. Counseling book helps the Department in tracking the progress of student at any point of time.

Parents are informed about the progress of the student through progress reports. In a semester two progress reports are sent to the parents, after the first IA tests & second IA tests. The report card contains IA marks and attendance in various subjects along with HODs remarks. In the current academic year we have initiated a process of sending SMS by which parents of the absentees / non-performing students would be informed forth with to avoid delay in conveying the message to them.

Every year CGPA is calculated program wise at the Department level to access the performance and throughput of the respective Departments.

The following table tabulates the CGPA for last four years program wise.

Branch	2014-15	2013-14	2012-13	2011-12
CSE	6.68	6.71	6.73	6.65
ISE	6.40	7.0	7.04	6.71
ECE	6.8	6.79	6.74	6.66
ME	6.1	6.92	6.73	6.79
EEE	6.9	6.81	6.73	6.59

2.6.3 How are the teaching, learning and assessment strategies of the institution structured to facilitate the achievement of the intended learning outcomes?

Classroom sessions, lab sessions, Mini-project, Final year project, seminar, communication skill, participation in co-curricular activities etc help our students attain graduate attributes to a great extent.

Guest lecturers and workshops make the students knowledgeable and expose them to the latest developments.

Memberships of professional societies provide our students a sound platform for exposure to an environment where innovative ideas are exchanged.

The following table indicates the number of student members registered in different professional societies:

Branch	Name of the Professional Societies	Students Enrolled	
		2014-15	2015-16
CSE	CSI	105	97
ISE	CSI	33	29
ECE	IETE	124	154
ME	SAE	82	80
	IEI	20	30
EEE	IEI	-	16

As project work is a part of the curriculum, students are encouraged to explore innovative ideas to carry out project work.

Over a period of four years, students gradually acquire the graduate attributes as specified by NBA/ NAAC.

Feedback is collected from the students as indirect assessment tool to check the attainment of COs and POs. Direct Assessment is done from the IA test performances as well as from the marks scored in University exams. 80% weightage is given to direct assessment methods and 20% weightage is given to indirect assessment methods.

Direct Assessment Tools	Indirect Assessment Tools
Exams and tests	Exit surveys
Final year projects and Mini Projects	Alumni surveys
Laboratory	Student Feedback
	Exit interview

2.6.4 What are the measures/ initiatives taken up by the institution to enhance the social and economic relevance (student placements, entrepreneurship, innovation and research aptitude developed among students etc.) of the courses offered?

Training and Placement Cell provides placement and training to all students. The cell conducts aptitude tests and mock interviews to boost the self confidence of the students. One period per week is allotted for placement and training from second year onwards.

Soft skill training is provided by the campus connect program conducted by ISE Department. Other Departments also encourage soft skill learning through Personality development workshops.

2.6.5 How does the institution collect and analyze data on student performance and learning outcomes and use it for planning and overcoming barriers of learning?

Two types of result analyses are generally done by the institute. After an IA test, the results are analyzed and the non-performing students are identified. Counselors/ class teachers and HOD counsel the students along with the parents of such students and remedial measures are suggested to them so that the parents/ guardian keep track of the record of their ward with greater vigil.

To check the attainment of learning outcomes the following procedure is adopted.

Cumulative marks scored by the students for each question is mapped to the corresponding CO & then to the PO which maps to the CO. This is used to evaluate the attainment of COs and POs.

2.6.6 How does the institution monitor and ensure the achievement of learning outcomes?

- Meetings are conducted on a regular basis with the Principal and HODs to formulate strategies for attainment of learning outcomes.
- The capability level of a student is generally assessed based on the following parameters:
 - Marks scored by him/ her in IA tests and University examinations
 - Performance in aptitude tests, mock interviews and group discussions.

- The assessment results are used to give additional training to students who are lagging behind.
- The institution is making concerted efforts to ensure that the students attain all graduate attributes.

2.6.7 Does the institution and individual teachers use assessment/evaluation outcomes as an indicator for evaluating student performance, achievement of learning objectives and planning? If ‘Yes provide details on the process and cite a few examples.

Course outcomes are defined for each subject. This academic year we have trimmed them to a maximum of 6 and faculty maps the COs of the course he/she is handling to the GAs/POs and at the end of the semester checks the attainment of COs and GAs using direct and indirect assessment tools.

Following table gives the different tools used for checking attainment of COs

Direct Assessment Tools	Indirect Assessment Tools
Exams and tests	Exit surveys
Final year projects and Mini Projects	Alumni surveys
Laboratory	Student Feedback
	Exit interview

The sample survey forms are shown in **Annexure 5**

**CRITERION 3:
RESEARCH, CONSULTANCY
AND EXTENSION**

CRITERION 3: RESEARCH, CONSULTANCY AND EXTENSION

3.1 PROMOTION OF RESEARCH

3.1.1 Does the institution have recognized research center/ s of the affiliating University or any other agency/ organization?

Institution is approved research centre for carrying out R&D activities under VTU, the affiliating university in various programs.

3.1.2 Does the Institution have a research committee to monitor and address the issues of research? If so, what is its composition? Mention a few Recommendations made by the committee for Implementation and their impact.

Yes, Research committee comprises of Professors drawn from various programs and follows the guidelines of the Management and Principal to carryout research activity.

3.1.3 What are the measures taken by the institution to facilitate smooth progress and implementation of research schemes/ projects?

a. Principles Concerning Research

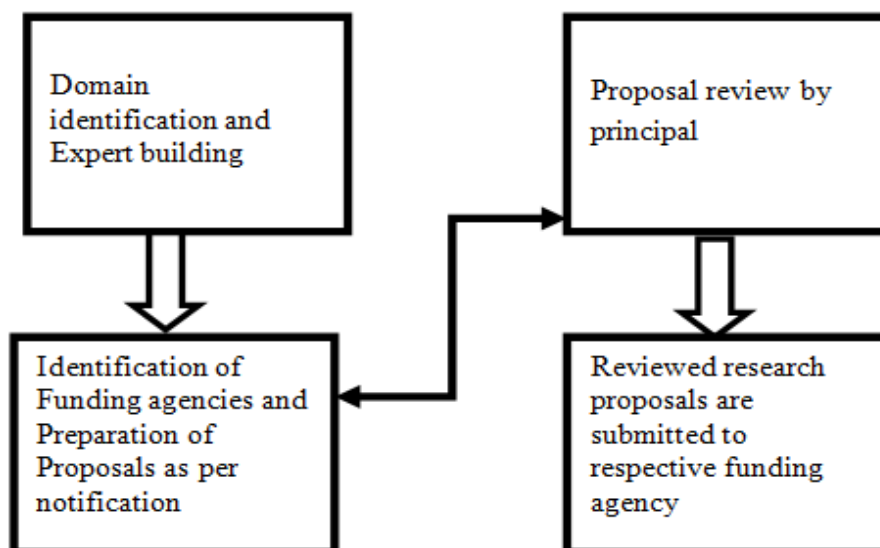
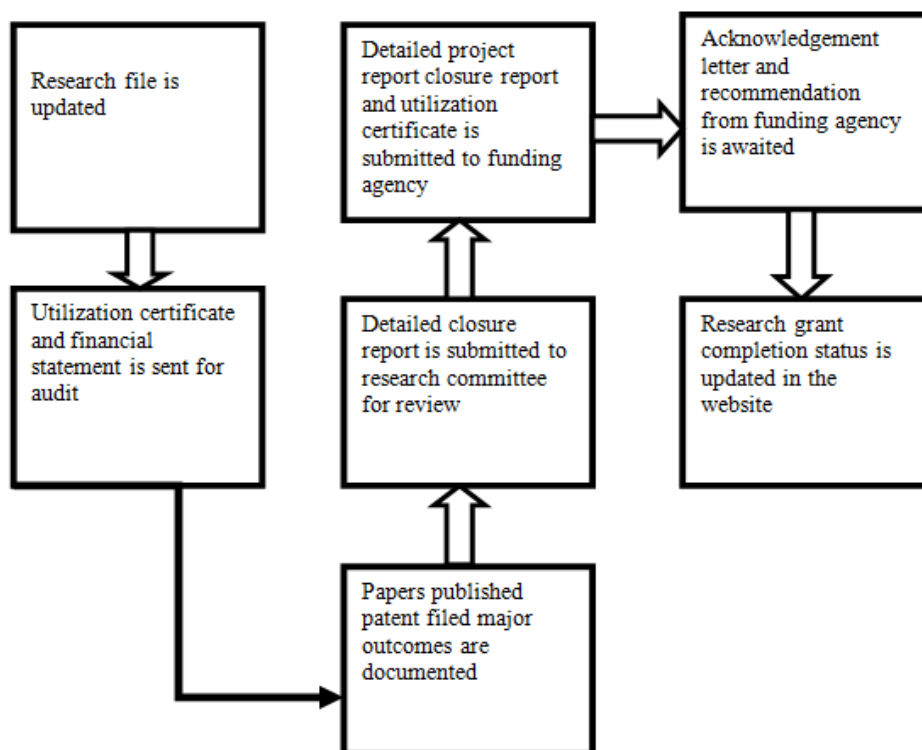
As part of our educational policy we seek to encourage and facilitate research. Those who carry out research both sponsored by the institution or by an external funding agency to abide by the professional ethics to promote the interests of the institution and also take care of career growth of all stake holders.

The Institution's research and academic work carried out at the institution by an individual / group should acknowledge the contributions of all members who contributed towards that activity and participated in it. It is mandatory for the author to submit a copy of his/ her publication to the HOD and his research associates.

b. Monitoring smooth progress and implementation of research

The conduction of R&D activities is governed by the research policies laid down by the Management. Every research project/ consultancy work/ collaboration and outcomes of research activities are governed by the research policies.

The flow chart shown in the next page briefly describes the process that is recommended for smooth progress and implementation of research schemes/ projects.

Before submission of research proposal:**After Approval of the research proposal by the funding agency**

- **Autonomy to the principal investigator**

The overhead charges are pooled together to augment common research facilities, maintain and upgrade instruments, provide infrastructure, internet and communication facilities, maintenance, payment of utility bills, and for engaging staff for maintenance of project accounts.

- **Timely availability or release of resources**

- The Research Committee enables the Principal Investigator to submit the Statement of expenditure and Utilization Certificate within 15 days after the financial year end or as and when required by the funding agency thereby ensuring timely release of the next installment from the funding agencies.
- The principal investigator attends the review meeting and updates on the requirements for carrying out research work. The Research Committee reviews the progress work and authorizes the Principal Investigator to utilize the funds for procurement of resources based on a detailed report with comparative statement.
- Research Committee facilitates the release of funds as and when necessary and arranges for the required resources for conduction of research.

- **Adequate infrastructure and human resources**

A separate lab is provided to every Department with 6 computers and projector, for conduction of R&D activities. Dedicated faculties are recruited for monitoring progress work of R&D activities.

- **Time-off, reduced teaching load, special leave etc. to teachers**

The staff involved in R&D activity is assigned one theory paper and maximum of one batch of laboratory work to concentrate on R&D. OOD is granted to such faculty who do consultancy/ R&D as and when required.

- **Support in terms of technology and information needs**

Dedicated internet facility of 20 Mbps with access to online journals from VTU consortium is made available to faculty members.

3.1.4 What are the efforts made by the institution in developing scientific temper and research culture and aptitude among students?

Major initiatives that drive research activities among students are:

1. Organizing seminars on research initiation
2. Paper presentation contest, debate, technical quiz, program debugging and mini project competitions are conducted to instill competitiveness among students and encourage them in technical fields.

3.1.5 Give details of the faculty involvement in active research (Guiding student research, leading Research Projects, engaged in individual/ collaborative research activity, etc.

Sl. No.	Name	No. of students guiding	No. Of PhDs guided	No. of research projects taken up	No. of Research Projects completed
1.	Dr. Chaitanya Kumar M.V	01	01	-	-
2.	Dr. Mohammed Yunus	01	-	-	-
3.	Dr. A. A Powly Thomas	01	-	-	-
4.	Dr. Sanaulla P.F	02	-	02	01
5.	Dr. Syed Abu Sayeed Mohamamed	03	-	01	-
6.	Dr. Loganathan	01	-	-	-
7.	Dr. Waseem	06	-	-	-
8.	Syed Mustafa	-	-	-	-
9.	Dr. C S Nagabhushan	01	-	-	-
10.	Dr. Chandra Kumar K	02	-	-	-
11.	Dr. Suraiya Tarunnum	08	-	-	-
12.	Dr. Narayan Singh	04	01	-	-
13.	Dr. Pritham Shah	07	-	-	

3.1.6 Give details of workshops/ training programs/ sensitization programs conducted/ organized by the institution with focus on capacity building in terms of research and imbibing research culture among the staff and students.

College regularly conducts seminars/ workshops/ FDPs every year. Faculty from various institutions are invited to attend the program. Two such FDPs are shown in table below

FDP	Date	Resource Persons
FDP on Research Methodologies and Technical Paper Preparation	30/ 07/ 14	Dr. Suraiya Tarannum, Prof., ECE
One day workshop on “Latex and its documentation for research purpose”	14/ 09/ 13	Dr. Chandrashekar Patil, ASP , ECE, VVCE Mysore

3.1.7 Provide details of prioritized research areas and the expertise available with the institution

The main research areas are Wireless Communication, Microwave Engineering, Optical Fibers, IOT, Image Processing, Embedded Systems, Electrochemistry, Manufacturing, Network Sensing, Control Systems, Geo Environmental Engineering and Nuclear Physics.

3.1.8 Enumerate the efforts of the institution in attracting researchers of eminence to visit the campus and interact with teachers and students?

Research committee identifies the eminent researchers and industry experts in different areas and invites them to address the staff and students to motivate them towards innovation and development.

3.1.9 What percentage of the faculty has utilized Sabbatical Leave for research activities? How has the provision contributed to improve the quality of research and imbibe research culture on the campus?

Some faculty members pursuing PhD are given one day off in a week to visit their research centers/ work places in other universities. OOD is provided to all the researchers to attend the workshops/ conferences to pursue their research.

3.1.10 Provide details of the initiatives taken up by the institution in creating awareness/ advocating/ transfer of relative findings of research of the institution and elsewhere to students and community (lab to land)

- Half yearly news letter prepared by every Department is circulated among all staff and students to inform them about the major activities.
- Significant contributions made by staff and students in completing research projects, major achievements and publication details are printed and posted on the college notice boards.
- Students are encouraged and sponsored to participate in National and International conferences and present their work.
- Students participate in quiz contests conducted by various Organizations.

32 RESOURCE MOBILIZATION FOR RESEARCH

3.2.1 What percentage of the total budget is earmarked for research? Give detail of major heads of expenditure, financial allocation and actual utilization.

Rs 45 Lakhs has been earmarked for the year 2015-16

3.2.2 Is there a provision in the institution to provide seed money to the faculty for research? If so, specify the amount disbursed and percentage of the faculty that has availed the facility in the last four years

Yes, as and when staff members approach with the research proposal, grants are sanctioned on merit basis.

Faculty members are encouraged to carry out research work pertaining to their field of interest. Hardware and software resources required for carrying out research work are provided in respective R&D centers. Faculty members pursuing PhD are provided OOD for attending conferences, workshops and paper publications.

3.2.3 What are the financial provisions made available to support Student research projects by students?

Students were sponsored to the tune of Rs. 2,00,000/- for doing projects under Avembsys private Ltd.

3.2.4 How does the various Departments/ units/ staff of the institute interact in undertaking inter-disciplinary research? Cite examples of successful endeavors and challenges faced in organizing interdisciplinary research?

As and when staff and students approach with reasonably good projects in multidisciplinary areas, the heads of the concerned Departments discuss the feasibility and grant permission. EGPWS and Runway Incursion Prevention systems are two classic examples of inter disciplinary projects carried out between CSE, ISE, ECE, EEE and ME Departments' students.

3.2.5 How does the institution ensure optimal use of various equipment and research facilities of the institution by its staff and students?

Separate R&D centers in respective Departments are established with computing, internet facility, library, specialized hardware and softwares. Institute is guided by University norms for optimal usage of equipment and Research facilities.

3.2.6 Has the institution received any special grants or finances from the industry or other beneficiary agency for developing research facility? If 'yes' give details

Yes, the following table gives the details of grants the institution received from different agencies

Sl. No	Funding recd	Department	Year	Grant amt	Grant recd
1	DST	Civil	2012-13	33,00,000/-	33,00,000/-
2	VGST	ME	2012-13	10,00,000/-	10,00,000/-
3	VGST	ME	2013-14	10,00,000/-	10,00,000/-
4	DST	CSE		3,500/-	3,500/-
5	VGST	ISE	2014-15	30,000/-	30,000/-

3.2.7 Enumerate the support provided to the faculty in securing research funds from various funding agencies, industry and other organizations. Provide details of ongoing and completed projects and grants received during the last four years.

As and when the staff members approach for submitting a proposal, logistic support is provided to the staff members for preparing the proposal and submitting it to the concerned funding agencies.

The details of completed and ongoing projects are listed below.

Sl. No	Funding Received	Department	Year	Grant amt	Grant recd
1	DST	Civil	2012-13	33,00,000/-	33,00,000/-
2	VGST	ME	2012-13	10,00,000/-	10,00,000/-
3	VGST	ME	2013-14	10,00,000/-	10,00,000/-
4	DST	CSE		3,500/-	3,500/-
5	VGST	ISE	2014-15	30,000/-	30,000/-

3.3 RESEARCH FACILITIES

3.3.1 What are the research facilities available to the students and research scholars within the campus?

The Institution has approved research centers in ME, EEE, ECE, CSE, ISE, Physics, Chemistry and Maths. Each centre is established with required hardware, software, equipment and infrastructure facility for carrying out research activities. The following are the major infrastructure facilities and resources available:

1. R&D lab (Respective Departments)
2. Access to VTU consortium on E-Journals and E-books
3. Computing and Simulation facility
4. Softwares like Matlab, Labview, Cadence, Orcad, Solidedge, ANSYS, Hypermesh, CADAM, CentOS, PSIM, WIN32, Ubuntu, Microsoft Window 8/ 10/ 15, AutoCADD are available in the respective Departments.

3.3.2 What are the institutional strategies for planning, upgrading and creating infrastructural facilities to meet the needs of researchers especially in the new and emerging areas of research?

Computing and simulation facility is provided to the scholars on request.

3.3.3 Has the institution received any special grants or finances from the industry or other beneficiary agency for developing research facilities? If 'yes', what are the instruments / facilities created during the last four years.

No.

3.3.4 What are the research facilities made available to the students and Research scholars outside the campus / other research laboratories?

Students carry out projects in public sector companies like BEL, LRDE and ADE. Some staff/ Students utilize the testing facilities at other Institutes/ Laboratories/ Centers.

3.3.5 Provide details on the library/ information resource center or any other facilities available specifically for the researchers?

The college has Digital library equipped with 53 high end configured computers connected to 20 MBPS broadband connection. Head phones are provided for e-learning purpose. Library has provided web based innovative services which include Web OPAC and several e – resources such as IEEE etc.

Every Department has a library with more than 400 books.

3.3.6 What are the collaborative researches facilities developed/ created by the research institutes in the college. For ex. Laboratories, library, instruments, computers, new technology etc.

Not yet

3.4 RESEARCH PUBLICATIONS AND AWARDS

3.4.1 Highlight the major research achievements of the staff and students in terms of patents obtained and filed.

- Filed Patent on “Nano Calcium Silicate” with application N0: 2765/ CHE/ 2015, Syed Abu Sayeed Mohammed, Sanaulla P F
- Filed Indian Patent on “An Apparatus and Method based on One’s Complement Subtraction Recoding Technique of Integer in Elliptical Curve Cryptography for The Wireless Sensor Network Platform”, Juveria Ambareen on 28/06/14
- Filed Indian Patent on “Light Weight Network Security Protocol for Wireless Sensor Network”, Tabassum Ara on 05/08/14.

3.4.2 Does the Institute publish or partner in publication of research journal? If ‘yes’, indicate the composition of the editorial board, publication policies and whether such publication is listed in any international database?

No, we have plans to publish journal for science and technology and application has been submitted to RNI, New Delhi. It will be operational by next academic year.

3.4.3 Give details of publications by the faculty and students:

- Publication per faculty for last 2 years is given below Department wise.

Department	Faculty Name	Publications
ISE	Prof A. Syed Mustafa	04

Department	Faculty Name	Publications
Civil	Dr. Syed Abu Sayeed	07

Department	Faculty Name	Publications
ECE	Prof. Hussain Ahmed	01
	Prof. Zahira Tabassum	03
	Prof. Surendra K.V	01
	Prof. Kehkeshan Jalall s	02
	Prof. Imtiyaz Ahmed B.K	02
	Prof. Syeda Husna Mohammadi	03
	Prof. Harsha Karamchandani	05
	Prof. Subiya Yaseen	13
	Prof. Naazneen M.G	02
	Prof. Pavithra G	05
	Prof. Sufia Banu	03

Department	Faculty Name	Publications
EEE	Dr. A. A Powly Thomas	04
	Mrs. Adila Begum	01
	Mr. Sheikh HaroonSafdar	01
	Mrs. Soni	01
	Mr. KarthiKeyan	01
	Mr. Ubaidulla	01
	Mr. Vinayshreyas K.V	01
	Mrs. Malashree G	04

Department	Faculty Name	Publications
CSE	Dr. Loganathan R	10
	Dr. Waseem Ahmed	31
	Pushpa Mohana	01
	Neelam Malyadri	03
	Khallikunnaisa	01
	Adeel Ahmed Khan	02
	Tabassum Ara	02
	Javeria Ambareen	02
	Sunitha Sooda	02
	Archana Hombalimath	02
	Smitha Kurian	01
	Sumathi D	01
	Amreen Khanam	01
	Manjula H T	01

Department	Faculty Name	Publications
Basic Science	Dr. Chandrakumar. K	01
	Ajanta Datta	04
	Dr.Sanaulla P.F	08
	Dr.C.S.Nagabhushana	01
	Dr. Ataulla	02
	Prof. Sreelakshmi.S	01

Department	Faculty Name	Publications
Mechanical Engineering	Prof.MuzzamilAhamed.S	04
	Dr.J.Fazlur Rahman	07
	Dr. Mohammed Yunus	01
	EzhilVannan	18
	Bharat. V	06
	Mohd. Zakaulla	09
	Mohd Asadullah	01
	Mohd Irfan	01
	Syed Basith M	02

• **Number of papers published by faculty and students in peer reviewed journal (national / international)**

07 papers have been published in peer reviewed journals.Details are listed below

- ❖ Muzzammil et al. 2014.”Mechanical properties of sub zero chilled cast iron useful for wear functional requirements of engineering components” ,procedia material science (2014) 540 – 549 ISSN-2211,8128.Elsivier Publications .International Conference on Advances in Manufacturing and Materials engineering AMME 2014 Elsevier .Syed Abu Syeed Mohammed ,Arif Ali Baig Moghal ,”Soil Amended with Admixtures as stabilizing agent to retain heavy metals” ,ASCE’s Geotechnical special publications 234 series ,Feb 2014 ,pp 2216-2226
- ❖ Arif Ali Baig Moghal , Syed Abu Sayeed Mohammed,B.Munawar Basha ,Mosleh Ali Al-Shamrani ,”Surface complexation modeling for Stabilization of an industrial Sludge by alternate materials” . ASCE’s Geo technical special publications 234 series ,feb 2014 ,pp 2216-2226
- ❖ Arif Ali Baig Moghal , Syed Abu Sayeed Mohammed,”Performance of soils and soil lime mixtures as liners to retain Heavy metal ions in aqueous solutions” ,Geo Shanghai ,2014 ,ASCE’s Geo technical special publications 241series ,May 2014 ,pp 2216-2226 ,Geo Shan .
- ❖ Syed Abu Syeed Mohammed,Shankara ,Maya Naik, Sivapullaiah PV,”Sorption of iron and copper on sand bentonite flyash mixtures ”International Journal of Research in chemistry and Environment :.Volume 4 Issue 2 ,April 2014 pp1-8 .
- ❖ Sustainable use of locally available red earth and black cotton soils to retain Cd^{2+} and Ni^{2+} from aqueous solutions, Syed Abu Sayeed Mohammed, Sanaulla P F and Arif Ali Baig Moghal, Journal of Environmental Science (JES) Elsevier and Chinese Academy of Sciences.
- ❖ Ajanta Datta, “Propagating Disturbance along a Coronal loop from simultaneous EUV Imaging an Spectroscopic observation” ,Research in Astronomy & astrophysics 2015,volume 15,No.7
- ❖ Ajanta Datta , “S laws and waves in braided solar coronal Magnetic Structures” , Astrophysical Journal Latteral Volume 801:L2 - 2015 .March 01.

• **Number of publications listed in International Database (for Eg: Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, etc.),Monographs, Chapter in Books, Books Edited, Citation Index, SJR, H-index**

Nil

- **Books with ISBN/ ISSN numbers with details of publishers**
 “Transmission lines and Antennas” by V.J Rehna, Filip Learning ISBN 978-93-81269-48-0

3.4.4 Provide details (if any) of

- **Research awards received by the faculty, Recognition received by the faculty from reputed professional bodies and agencies nationally and internationally, Incentives given to faculty for receiving state, National and international recognition for research contributions**

Nil

3.5 CONSULTANCY

3.5.1 Give details of the systems and strategies for establishing institute industry interface?

We have initiated the following activities for establishing industry-institute relations:

1. Program Assessment Committee (PAC)
2. Invited Expert Lectures
3. MOUs with about 20 industries. List is enclosed in **Annexure 2**
4. Project work & Internship programs for students
5. Feedback from employers through T&P Department.

Project work and Internship program:

Students are encouraged to take up internship program at BSNL, Vedlabs and ASM Technologies

Placement activities:

Placement Department has established industry relations with leading MNCs and recruitment agencies in supporting students to develop their skills for placement activities.

3.5.2 What is the stated policy of the institution to promote consultancy? How is the available expertise advocated and publicized?

Not yet Defined

3.5.3 How does the institution encourage the staff to utilize their expertise and available facilities for consultancy services?

Nil

3.5.4 List the broad areas and major consultancy services provided by the institution and the revenue generated during the last four years.

Nil

355 What is the policy of the institution in sharing the income generated through consultancy (staff involved: Institution) and its use for institutional development?

Nil

3.6 EXTENSION ACTIVITIES AND INSTITUTIONAL SOCIAL RESPONSIBILITY (ISR)

3.6.1 How does the institution promote institution-neighborhood community network and student engagement, contributing to good citizenship, service orientation and holistic development of students?

We have core group consisting of students and faculty and are instructed to initiate and strengthen the institution- community network and engage in service orientation programs. Few of the initiatives are:

- Annual Blood Donation Camp
- Spoken English classes
- Skill Development programs
- Plantation
- Eye Camp
- Sports Activities

3.6.2 What is the Institutional mechanism to track students' involvement in various social movements / activities which promote citizenship roles?

The core team takes care of social responsibility and has the database of all students and their activities for strengthening the involvement of students. Programs such as freshers day and Annual college day are organized for promoting cultural, cohesiveness and literary competencies.

- We believe in nurturing students' talent in a variety of disciplines and encourage a host of cultural activities including dramatics, singing, dancing, quiz, debates, music and more. Students participate in various inter-collegiate competitions to showcase their talent and consistently win awards.
- Over the last three years the institution is active in using the social media such as Face book and LinkedIn. The major activities taken up by students are being posted on Face book account.
- The NSS unit and the cultural committee monitors these activities.
- The Annual Alumni Meet provides a platform for interaction among Alumni members, Staff and Students.

3.6.3 How does the institution solicit stakeholder perception on the overall performance and quality of the institution?

GC meeting, RC meeting, Management-staff interactive meeting and Department meeting between course coordinators and class representatives with HOD are conducted to solicit opinion from all stake holders and involve them in the improving the overall performance and quality of institution.

3.6.4 How does the institution plan and organize its extension and outreach programs? Providing the budgetary details for last four years, list the major extension and outreach programs and their impact on the overall development of students.

None

3.6.5 How does the institution promote the participation of students and faculty in extension activities including participation in NSS, NCC, YRC and other National/ International agencies?

College has an NSS unit which conducts various activities in the institution. NSS activities are listed in **Annexure 4**.

3.6.6 Give details on social surveys, research or extension work (if any) undertaken by the college to ensure social justice and empower students from under-privileged and vulnerable sections of society?

Nil

3.6.7. Reflecting on objectives and expected outcomes of the extension activities organized by the institution, comment on how they complement students' academic learning experience and specify the values and skills inculcated.

Nil

3.6.8 How does the institution ensure the involvement of the community in its reach out activities and contribute to the community development? Detail on the initiatives of the institution that encourage community participation in its activities?

Activities such as Campus Cleaning, planting of trees, blood donation camp and eye camp are conducted under the NSS.

3.6.9 Give details on the constructive relationships forged (if any) with other institutions of the locality for working on various outreach and extension activities.

Nil

3.6.10 Give details of awards received by the institution for extension activities and/ contributions to the social/ community development during the last four years.

None

3.7 COLLABORATION

3.7.1 How does the institution collaborate and interact with research laboratories, institutes and industry for research activities. Cite examples and benefits accrued of the initiatives - collaborative research, staff exchange, sharing facilities and equipment, research scholarships etc.

Some staff members have utilized the lab facilities at some research labs and other Universities.

3.7.2 Provide details on the MOUs/ collaborative arrangements (if any) with institutions of national importance/ other universities/ industries / Corporate (Corporate entities) etc. and how they have contributed to the development of the institution.

The institution has MOUs with various industries for strengthening of R&D activities.

Detailed list of MOUs and sample MOUs is given in **Annexure 2**

The major outcome of these MOUs is:

1. Establishment of lab facilities with industry specific hardware and software resources for carrying out research work.
2. Internships to students for carrying out project work

3.7.3 Give details (if any) on the industry-institution-community interactions that have contributed to the establishment /creation/ up-gradation of academic facilities, student and staff support, infrastructure facilities of the institution viz. laboratories / library/ new technology / placement services etc.

Institute has MOUs with some industries like Edgate Technologies. They have conducted workshops and also donated some kits to set up labs on Analog Electronics and MSP430. M/s Sun Softonics Systems has supported us to setup MSP430 lab. Two such programs conducted under supervision of companies is shown below

Program	Resource person	Program Date
Advanced Robotics & Embedded Systems	Mr. Jignesh M Vaghela	19-31/ 7/ 13
Workshop On Analog Systems Design Using ASLK PRO	Mr. Gurupreet, Director ,Edgate Technologies & Mr. Kiran C Binni ,Field AE, TI	28/ 09/ 15

3.7.4 Highlighting the names of eminent scientists/ participants, who contributed to the events, provide details of national and international conferences organized by the college during the last four years.

National Conferences conducted at HKBKCE:

Sl. No	Conference title	Eminent persons	Year	No. of participants
1.	7 th IETE Conference on RF & Wireless	Dr. M H Kori, Retd. Tech. Director, Alcatel-Lucent, B'lore Prof. H.S Bhatia, Hon. Secretary, IETE, B'lore Centre & Chair	8-10/ 5/ 14	250
2.	Multi Core Programming	Dr. N.K Srinath	11-12	
3.	Cloud Computing and its Application	Dr. K.G Srinivas, Mr. Ashok Kumar, Mr. Sethu Raman	12-13	
4.	Pattern Classification using Support Vector machines	Dr. M. Arun Kumar	12-13	
5.	Recent advances in Material sciences for aerospace applications	Dr. K Venkateswarlu, Scientist in NAL.	11-12	

3.7.5 How many of the linkages/ collaborations have actually resulted in formal MOUs and agreements? List out the activities and beneficiaries and cite examples (if any) of the established linkages that enhanced and/ or facilitated–

The institution has signed MOUs with more than 20 companies for collaboration. Details are as is in **Annexure 2**.

a) Curriculum development/ enrichment

STTP's have been organized to bridge the gap between institute and industry.

b) Internship/ On-the-job training

Some companies have accepted UG/ PG interns to pursue their final year BE project and PG projects. Student training is conducted by various companies like ASM and Vedlabs companies for imparting skills as per industry requirements/ Standards.

c) Summer placement: NIL

d) Research

Many faculty and student publications have resulted from these collaborations.

e) Consultancy: NIL

f) Extension : NIL

g) Publication: NIL

h) Student Placement

Through collaborations, some students did internship programs in companies which helped them to get placed in core companies

i) Twinning programs: NIL

j) Introduction of new courses : Two (Details in **Annexure 3**)

k) Student exchange : NIL

3.7.6 Detail on the systemic efforts of the institution in planning, establishing and implementing the initiatives of the linkages/ collaborations.

RC meetings are conducted periodically to review the progress work and monitor the outcomes of MOUs. Every RC meeting conducted draws action plans for the academic year and ensures that the institution focuses on achieving these set goals. RC works under the supervision and guidance of the Principal.

**CRITERION 4:
INFRASTRUCTURE AND
LEARNING RESOURCES**

CRITERION 4: INFRASTRUCTURE AND LEARNING RESOURCES

4.1 PHYSICAL FACILITIES

4.1.1 What is the policy of the Institution for creation and enhancement of Infrastructure that facilitate effective teaching and learning?

The College has established policies and procedures that satisfy the affiliating university and the recognizing authority. Whenever revision of seat matrix/ enhancement in intake/ a new program is recommended by the affiliating university / AICTE, infrastructure, technical and human resources are upgraded as per norms. The facilities are provided to meet the requirement of the curriculum at all levels.

- To plan for class rooms as per the requirements.
- To establish laboratory as per the curriculum.
- To have seminar halls & board rooms.
- To enhance the infrastructure to accommodate the increase in intake/ additional programs.
- To provide amenities like canteen, transport, playground etc.
- To purchase books in central library and Department library to meet the requirements and meet to the demands of students.

The infrastructure required is planned by various Departments and annual budget is prepared. After getting the approval from the Management, necessary process for purchase is initiated

The following guidelines are followed to finalize the purchases:

HODs submit their requirements along with the budget estimation for the academic year by June / July to the Principal. HODs call for quotations for the equipments and prepare a comparative statement. The Principal instructs the stores to call for techno economic negotiations. After finalizing the rates, it is put up to the Principal and a purchase order is released to the desired vendor offering the best package.

Once the equipment arrives it is issued to the Department for installation and certification. Once satisfied with the installation and demonstration of the equipment and its satisfactory working, the equipment is entered in the stock register and a bar code is generated. The HOD certifies the invoice bills with the details of the entries in the stock register and submits bill to the office for payment.

4.1.2 Detail the facilities available for

- a) **Curricular and co-curricular activities – classrooms, technology enabled learning spaces, seminar halls, tutorial spaces, laboratories, botanical garden, Animal house, specialized facilities and equipment for teaching, learning and research etc.**

The following table gives details of class rooms, tutorial rooms, seminar halls and laboratories

Type	Details	Area in sq. m
Class Room	42	4348.4
Laboratories	38	5293.4
Workshops	1	253
Tutorial Room	4	300
Computer Center	1	150
Library & Reading Room	1	404.6
Digital Library	1	100
Placement Cell	1	103
Seminar Hall	5	1000
Language Lab	1	100
Internet Center	1	100
Common Room Girls	1	103
Research Laboratory	1	100
Drawing Hall	1	216
Principal/ Director Office	1	106
Board Room	1	106
Cabin For HOD	9	242
Office	8	329
Department Office	2	51
Faculty Rooms	75	848
Maintenance	1	40
Exam Control Office	1	50
Centre Store	1	54
House Keeping	1	10
Security Room	1	10

Classrooms:

The institution has furnished ventilated, spacious classrooms to conduct theory classes.

Laboratories:

All laboratories are well equipped and well maintained for carrying out all experiments within the curriculum

Technology enabled learning rooms:

All Class rooms in the institution are provided with LCD Projectors.

- College has five seminar halls to conduct conferences, workshops and symposia for students and faculty.
- Seminar halls have a seating capacity of 100 to 250 students. All halls are equipped

with LCD projector, white board and public address system

Tutorial classrooms:

- College has classrooms to conduct tutorial classes.
- Tutorial class is equipped with board, wooden benches, fans, windows for air circulation and ventilation and tube lights for proper lighting.

Specialized facilities and equipment for teaching, learning and research:

- The college has exclusive language lab attached with audio, video facility.
- Apart from the central library, each Department has separate Department Library with reference and text books.
- For self learning, reference books for all the subjects are available in the central library.
- Common Room for Girls is available in the campus.

b) Extra-curricular activities – sports, outdoor and indoor games, gymnasium, auditorium, NSS, NCC, cultural activities, Public speaking, communication skills development, yoga, health and hygiene etc.

- Students are encouraged to take part in sports activities after the college hours.
- College teams are selected to participate in VTU and other intercollegiate competitions.
- Sports competitions are conducted at the college level and the winners are awarded on the Sports day/ Annual college day.
- Physical Director conducts day to day activities of sports and games
- The outdoor games such as shuttle badminton, volley ball, throw ball, cricket, football, basket ball are organized.
- A separate indoor games facility for table-tennis, carom, chess and Gym is available.

Cultural activities:

- Students are encouraged to participate in the cultural events in the annual college day program.
- Inter Departmental co-academic competitions are conducted to enhance the talents of students.
- Students are encouraged to participate in cultural events conducted by other Universities / Colleges.

Communication Skills Development:

Training and placement cell conducts soft skill and communication skill classes. English lab is in place with English teacher to improve speaking and writing skills of the students.

4.1.3 How does the institution plan and ensure that the available infrastructure is in line with its academic growth and is optimally utilized? Give specific examples of the facilities developed/ augmented and the amount spent during the last four years (Enclose the Master Plan of the Institution / campus and indicate the existing physical infrastructure and the future planned expansions if any).

- Institution has the infrastructure as per the AICTE and VTU norms.
- As the intake was increased in 2014-15 to meet the academic requirement, a new block has been constructed as Administrative block. All the Administrative offices have been shifted to this block and Departments were reorganized to accommodate the Civil Engineering Department in Prof. Zaheer Ahmed Block/ D Block.
- New labs have been setup to cater to the requirement of Civil Engineering Department.
- The older labs have been replenished with latest softwares or tools and equipments.

4.1.4 How does the institution ensure that the infrastructure facilities meet the requirements of students with physical disabilities?

The institute follows the guidelines laid down by VTU & AICTE with respect to differently able students. Certain provisions like extra half an hour for completing university exams as per university guidelines are extended to them.

4.1.5 Give details on the residential facility and various provisions available within them:

- **Hostel Facility** –Accommodation is available separately for boys and girls.
- **Recreational facilities, gymnasium, sports facility etc.**
The inmates of the hostel use sports and gymnasium facility of the Institution.
- **Computer facility including access to internet in hostel**
Available
- **Facilities for medical emergencies**
First aid is available. Facilities offered by Mediscope Hospital are extended to the hostel inmates. Students are covered under student safety insurance scheme.
- **Library facility in the hostels**
Not available
- **Internet and Wi-Fi facility**
Available
- **Recreational facility-common room with audio-visual equipments**
Television, LCD, Sound Systems is available.
- **Available residential facility for the staff and occupancy**
Not available
- **Constant supply of safe drinking water**
Aqua guards are provided for safe drinking water at hostels.
- **Security**
Security is available round the clock.

4.1.6 What are the provisions made available to students and staff in terms of health care on the campus and off the campus?

- First Aid Dispensary is available in campus for staff & students.
- MOU with Mediscope Hospital is done for medical treatment.
- Students are covered under student safety insurance scheme and staff is covered under Group Insurance scheme.
- Blood donation camps and eye test camps are organized periodically.

4.1.7 Give details of the Common Facilities available on the campus –spaces for special units like IQAC, Grievance Redressal unit, Women's Cell, Counseling and Career Guidance, Placement Unit, Health Centre, Canteen, recreational spaces for staff and students, safe drinking water facility, auditorium, etc.

➤ **IQAC:**

IQAC is constituted to monitor and suggest measures to improve the performance of students and enhance their employability.

➤ **Grievance Redressal unit:**

Objectives:

The committee gets the complaint from the students for ragging, misbehavior and other indisciplinary activities, the IQAC committee appoints an enquiry committee. The Committee conducts the enquiry by calling the aggrieved persons and submits the report with its recommendations to the IQAC cell. This is reviewed by the Principal and necessary action is taken.

➤ **Womens' Cell**

Womens' Grievance Cell deals with the women harassment in the Campus.

➤ **Counseling and Career Guidance:**

- Every faculty member in the Department is associated with 15 to 20 students as Counselor.
- The CT/ mentor calls the parents to inform about the performance and attendance. The matter is brought to the notice of HOD for further actions if required.

Objectives of the Counseling:

- To provide counseling to the students facing academic difficulties/ issues
- To create self motivation among students
- To identify the weak students and interact to generate interest in academics. The counselor/ CTs advise the students on time management skills and ways to handle pressures of expectation in order to improve skills

➤ **Placement and training:**

The college has a separate Training and Placement Department which arranges training in deficient areas. The officials work in coordination with the Heads of Departments to organize training programs in soft skills/ technical aptitude.

Objectives

- Majority of the eligible students to be placed
- Coaching the students to enhance employability
- Better offers for highly merited students

➤ **Activities:**

- For first year students spoken English classes are conducted regularly
- Conduct training on leadership qualities, mock interviews and group discussions

for final year students.

- To arrange for industrial visit for 3rd & 4th year students to expose them to Professional and Technical environment

➤ **Health Centre:**

- The College maintains a medical centre with a Doctor to treat the students and staff for any minor ailment/emergencies.
- MoU with Mediscope hospital for treatment.

➤ **Canteen:**

Hygienic food is available in the canteen with a capacity of 200 students. We also have cafeteria apart from the canteen.

➤ **Recreational spaces for staff and students:**

- Indoor games are available for both staff and students.
- Recreation Room with audio and visual facilities available in hostels.
- Gymnasium is available for the students.

➤ **Safe drinking water facility:**

- Purified water is supplied to all academic blocks, canteen and hostels.
- Storage capacity: 10,000 liters in five overhead tanks
- Filtering capacity: 100 liters/ hour
- Usage water Storage tanks: Overhead tanks in every building
- Drinking water supply: filtered fresh water
- Water availability in hostel : 24 hours
- Method of distribution of water : continuous supply
- No. of coolers in college:05

➤ **Auditorium:**

5 seminar halls are available in the institution with a capacity varying from 100-250 students.

4.2 LIBRARY AS LEARNING RESOURCE

4.2.1 Does the library has an Advisory Committee? Specify the composition of such a committee. What significant initiatives have been implemented by the committee to render the library, student/ user friendly?

Yes, the advisory committee consists of Principal and HODs.

Position	Faculty member
Chairman	Dr. Chaitanya Kumar M V – Principal
Members	Dr. Loganathan, HOD CSE
	Prof. Syed A.Mustafa, HOD ISE
	Prof. Hussain Ahmed, HOD ECE
	Dr. S.Muzzamil Ahmed, HOD ME
	Dr A A Powly Thomas, HOD EEE
	Dr. Syed Abu Sayeed Mohammed, HOD CIV
	Dr. Arvind Rout, HOD MBA
	Dr. Sanaulla P.F, HOD – Engineering Chemistry
	Dr. Chandra Kumar, HOD - Engineering Physics
	Prof. Saher Fathima Khanum, HOD - Engineering Maths
	Mrs. Suraiya Jabeen, Head LIC

Objectives:

- This committee oversees the functioning of library.
- Monitors the process of issue and collection of the Books, Journals, Manuals etc.,
- Recommends upgradation of the library and purchase of new books as per the requirements of curriculum and the recommendations of HODs.

4.2.2 Provide details of the following:

- **Total area of the library:** 1704 sq.m.
- **Total seating capacity :** 175
- **Working hours (on working days, on holidays, before examination days, during examination days, during vacation)**
Common timings from 8.00 am to 5.30 pm
- **Layout of the library (individual reading carrels, lounge area for browsing and relaxed reading, IT zone for accessing e- resources)**
Layout given in Annexure 6

4.2.3 How does the library ensure purchase and use of current titles, print and e-journals and other reading materials? Specify the amount spent on procuring new books, journals and e-resources during the last four years.

The librarian sends a circular to all the Departments for the requirement of library books in June every year. HODs indent the text books required for that Academic year to the Librarian. The Librarian consolidates the list of books and puts up to the Principal for approval. Principal takes the approval of Management for initiating the process of purchases, calls for quotations from different publishers. Subsequently the purchase order is released on delivery. The librarian certifies the bills and submits it for payment.

Details of the procurement in the library for last four year is given in the following table

Library Holdings	2014-15		2013-14		2012-13		2011-12	
	No.	Amount	No.	Amount	No.	Amount	No.	Amount
Text Books	1,030	1,01,985	1,428	86,624	1,809	3,38,728	710	
Reference Books								
Journals/ Periodicals	-	-	-	-	-	-	-	-
E- resources	IEEE, ASCE	10,000	IEEE, ASCE, ASME	6,37,924	205	5,78,272	203	3,84,551
TOTAL		1,11,985		7,24,548		9,17,000		3,84,551

4.2.4 Provide details on the ICT and other tools deployed to provide maximum access to the library collection?

- **OPAC** – Available.
Software interface between the user and information on the availability of a book.
- **Electronic Resource Management package for E-journals** – Subscribed to VTU Consortium
- **Federated searching tools to search articles in multiple databases** – Yes
- **Library Website** – Yes, incorporated in College website as a separate page.
- **In-house/ remote access to E-publications** – Yes, through IP Authentication
- **Library automation** – Automated using LibSoft software.
- **Total number of computers for public access** – 53
- **Total numbers of printers for public access** – 1
- **Internet band width/ speed** – 20 Mbps
- **Content management system for E-learning** – Nil
- **Participation in Resource sharing networks/ consortia (like Infflibnet)** – Yes VTU Consortium.

4.2.5 Provide details on the following items:

- **Average number of walk-ins** – 150/ day
- **Average number of books issued/ returned** – 200/ day
- **Ratio of library books to students enrolled** – 24:1
- **Average number of books added during last three years** – 4267
- **Average number of login to OPAC** – 50 per day
- **Number of information literacy trainings organized** – Nil

4.2.6 Give details of the specialized services provided by the library

- **Manuscripts** –No
- **Reference** –Yes, maintained reference books for UG & PG with **47,953** volumes
- **Reprography** –Yes, ILL (Inter Library Loan Service) –No
- **Information deployment and notification**– Through circulars to staff and students. Arrivals of new books are displayed on a separate display board.
- **Download** – Facilities provided to download articles, e-books and learning materials.
- **Printing** – Yes
- **Reading list/ Bibliography compilation** – Yes, through OPAC system
- **In house/ remote access to e- resources** – Yes, through IP authentication in the campus.
- **User orientation and awareness** – Yes
- **Assistance in searching Databases** – Yes
- **INFLIBNET/ IUC facilities** – No

4.2.7 Enumerate on the support provided by the Library staff to the students and teachers of the college.

Library staff helps the students and teachers in accessing the desired books through OPAC. The library has a congenial atmosphere for staff and students to browse the literature without any hindrance.

4.2.8 What are the special facilities offered by the library to the visually / physically challenged persons? Give details.

As per university norms the required facilities will be provided to visually/ physically challenged person.

4.2.9 Does the library get the feedback from its users? If yes, how is it analyzed and used for improving the library services. (What strategies are deployed by the Library to collect feedback from users? How is the feedback analyzed and used for further improvement of the library services?)

Satisfaction survey is collected by the respective Departments from the outgoing students every year. This survey covers the satisfaction aspects of students with the library and its functioning also. The HODs consolidate the feedback and submit to the Principal for necessary remedial measures.

4.3 IT INFRASTRUCTURE

4.3.1 Give details on the computing facility available (hardware and software) at the institution.

- **Number of computers with configuration (provide actual number with exact configuration of each available system):** 614
The details are as in **Annexure 7**

- **Computer-student ratio:** 4:1 approximately

- **Stand alone computer facility :** 600

- **LAN facility - Yes,**
 - Speed – 10/ 100/ 1000 Mbps.
 - Backbone: Fiber single.
 - Backbone Speed: Gigabyte.
 - Network connectivity Redundancy: Nil
 - Core Switch: Gigabyte 24/ 48 port switch/ Fast Ethernet.
 - Topology: Star.

- **Wi-Fi facility**
Yes, 1 Gbps, Provided to all the staff and students.

• **Licensed software:**

Following is the list of licensed softwares available in the Departments:

Dept	Licensed Software:					
ECE	MATLAB	Labview	Pspice	Cadence	Xilinx	Quartus II
ME	Solidedge	ANSYS	Hypermesh	CADAM	CATIA V5	
CSE	Microsoft Window 7/ 8/ 8.1/ 10	Windows Server 2003/ 2008/ 2012	Office 2007/ 2010/ 2013/ 365	Fedora Core x/ Fedora x	Ubuntu x.x	CentOS
EEE	MATLAB	Mipower	PSIM	AutoCADD		
ISE	Microsoft Window 7	Microsoft Window 8 & 10	Microsoft Windows 13			
CIV	AutoCADD	WIN32				

- **Number of nodes/ computers with Internet facility:** All systems in the college campus are equipped with the high speed internet facility of 20 Mbps.

• **Any other,**

Firewall and Anti Spam/ Virus control.

- Optical Fiber based LAN network.
- Wi-Fi system for campus.
- 20 Mbps (1:1) symmetric Internet Bandwidth on fiber optic
- Microsoft Academic Alliance.
- Microsoft Security Essential for Antivirus Seqrite.
- IP based Camera Network in Admin Block.

4.3.2 Detail on the computer and internet facility made available to the faculty and students on the campus and off-campus?

Computing facilities are available at Departments and in Digital Library.

- Wi-Fi facility is provided to the staff and students to work with laptops in campus and hostels.
- Systems provided with internet facility,
 - 53 Systems with internet facility are available in Digital Library.
 - The Principal's Office, Administrative Office, Examination Section, Training and Placement cell and faculty cabins are provided with Internet facility.
 - One / more laptops have been provided to each Department.
- Un-interrupted power supply (UPS) is made available in the campus so that the students and staff can access the internet without any interruption.
- Internet provider Specifications: **ACT** (Atria Convergence Technologies Pvt. Limited)

Following table gives the details of the Wi-Fi connection available in the campus

Name of the Internet Provider	ACT
Available Bandwidth	20Mbps
Access Speed	256 Kbps
Availability of internet in an exclusive lab	Yes, the entire campus is Wi-Fi connected
Availability in most computing labs	yes
Availability in Departments and other units: Availability in faculty rooms	yes
Institute's own Email facility to faculty/ students	Provided –to faculty & students@hkbkeducation.org
Security/ privacy to Email/ Internet users	Sonic Wall security Provided

433 What are the institutional plans and strategies for deploying and upgrading the IT infrastructure and associated facilities?

The college has a Comprehensive IT Policy which is governed by the committee in CSE Department. This committee comprises of Network Administrator, System Analyst and programmer.

The structure of the committee is as shown below:

SL NO.	NAME	DESIGNATION
1	Dr. Loganathan R	Prof. & HOD ,CSE
2	Mr. Nazil	Technician

The committee plans all the IT requirements of the institution:

1. Service Management:

The service Management & delivery is carried out by the Service providers in coordination with the Network Administrator.

2. Information Security:

Network administrator has full rights to access and modify the configuration of the network infrastructure. Head of the Institution and the key executives have access to all the Institutional information.

3. Network Security:

College has a secured network setup with the following features.

- User based policy for students and staff.
- Restricted access to various applications and servers based on their roles.
- End point security (Seqrite) for prevention against virus, worms, malware and other attacks. Gateway firewall for internet security comprising of content filtering of websites, Intrusion and Prevention system, Antivirus and Anti spam, application filter, Bandwidth management.
- Wireless security based on the roles defined.

4. Risk Management :

Back up policy is defined for various servers and applications. Also, we have a redundancy for critical applications and devices.

5. Software Asset Management:

Most of them are application run based, installed software/ Network license based, where we can keep a track of the licenses being used in the campus.

6. Website Management:

The website is hosted in the server managed by the external agency. The college has an authority to update, modify and publish the contents. The contents will be published after approval from Principal by website coordinator.

- IT infrastructure and associated facilities have been augmented as and when there is a requirement.
- Computer systems are upgraded with latest configuration as per the need and requirements of the various Departments.
- Provision is made in the annual budgets for the procurement of the Computer systems.
- Services and Maintenance:
 - All the computer systems are regularly monitored by the system Administrator and maintenance staff.
 - The trouble/ problems encountered in the various laboratories are entered by the lab programmers/ instructors in the log register kept in the respective Departments.
 - The maintenance staff attends to the problems and resolves the same at the respective places.
 - In case of major problems i.e. replacement of component/ during warranty they are sent to the respective service centers for necessary action.

4.3.4 Provide details on the provision made in the annual budget for procurement, upgradation, deployment and maintenance of the computers and their accessories in the institution (Year wise for last four years)

Amount spent for procurement, up gradation, deployment and maintenance of the computers and their accessories in the institution during last four years:

Annual Financial Budget for Computers is shown in the following table

Sl. No	Financial Year	Budget Sanctioned (Rs)	Expenditure (Rs)
1	2014-2015	19,00,000	18,20,852
2	2013-2014	41,00,000	40,70,789
3	2012-2013	36,00,000	36,43,771
4	2011-2012	3,00,000	2,83,270

4.3.5 How does the institution facilitate extensive use of ICT resources including development and use of computer-aided teaching/ learning materials by its staff and students?

- All Class rooms are equipped with Projectors.
- The Institution has adequate computer facility for its faculty.
- Faculty members are provided with internet for preparation of teaching/ learning materials in their respective Departments.

- Each Department has its own computing facility based on the curriculum requirement.
- The faculty and students can access e – resources available in the library
- Five seminar halls are provided with LCD projector, computer system and internet facility in the campus
- The individual Department develops their course through power point presentation for conducting classes.
- Emphasis is given on NPTEL. Softcopy of many learning resources are available

4.3.6Elaborate giving suitable examples on how the learning activities and technologies deployed (access to on-line teaching - learning resources, independent learning, ICT enabled classrooms/ learning spaces etc.) by the institution place the student at the centre of teaching-learning process and render the role of a facilitator for the teacher.

- The institution acts as a facilitator for e-learning material (NPTEL video lectures) and the accession of online lectures of various experts from IITs, NITs and Reputed institutes through Edusat etc.
- The Institution emphasizes the need for professional advancement of both students community and staff and hence promotes the effort of the teachers to upgrade their capabilities and enhance their qualification so that they are in a better position to impart wholesome knowledge to the students
- Well equipped computer Labs, LCD projectors are available to the faculty for conducting seminars, workshops, FDPs and conferences. The campus has Wi-Fi to access internet facilities.
- The faculty members willingly and readily accept responsibilities assigned to them. The staff members assist the students and guide them to achieve their objective whenever students have approached.
- Regular training in collaboration with various Industries like Infosys, Edgate etc. are organized.

4.3.7Does the Institution avail of the National Knowledge Network connectivity directly or through the affiliating university? If so, what are the services availed of?

Yes, through VTU library Consortium

4.4 MAINTENANCE OF CAMPUS FACILITIES

4.4.1How does the institution ensure optimal allocation and utilization of the available financial resources for maintenance and upkeep of the following facilities (substantiate your statements by providing details of budget allocated during last four years)?

At the beginning of academic year in May/ June budget is allocated under different heads. The allocation of budget is generally based on the requirements of each Department. The HODs submit the list of requirements for the whole academic year including lab maintenance, equipments, software, upgradation of systems,

Department activities and other recurring expenses. The management allocates/ sets aside budget for the entire year on priority basis.

Details of budget allocation during last four years are mentioned down below.

Item	Budgeted in 14-15	Actual expenses in 14-15	Budgeted in 13-14	Actual Expenses in 13-14	Budgeted in 12-13	Actual expenses in 12-13
Lab Equipments	20,00,000/-	19,07,181/-	15,00,000/-	11,40,472	18,00,000/-	17,05,522/-
SW Purchase, R&D	22,00,000/-	25,66,037/-				
Rec Exp like consumable, Maint, spares	50,00,000/-	48,89,910/-	72,00,000/-	70,76,728/-	68,00,000/-	66,75,379/-
Training & Travel	15,00,000/-	14,05,339/-	2,00,000/-	1,63,842/-	6,00,000/-	5,21,806/-
Misc exp for academics	50,000/-	38,818/-	19,00,000/-	18,03,178/-	7,00,000/-	6,41,837/-
Affiliation & Univ Reg fee	30,00,000/-	34,17,543/-	35,00,000/-	34,75,875/-	27,00,000/-	26,93,693/-
Sports & Culture Exp	2,00,000/-	1,26,560/-	4,00,000/-	3,40,013/-	2,00,000/-	1,86,592/-
Vehicle Maint	20,00,000/-	19,12,131/-	22,00,000/-	21,86,734/-	28,00,000/-	27,05,671/-
Printing & Statn	25,00,000/-	27,06,518/-	30,00,000/-	28,55,196/-	20,00,000/-	18,14,885/-
Total	1,84,50,000/-	1,89,70037/-	1,99,00,000/-	1,90,41,488/-	1,76,00,000/-	1,69,45,335/-

4.4.2 What are the institutional mechanisms for maintenance and upkeep of the infrastructure, facilities and equipment of the College?

Maintenance procedure: All the buildings are inspected annually and repairs are carried out as per the maintenance budget.

- All the buildings are painted
- Greenery (Lawns, Plants & Trees) stretches are maintained inside the campus.
- Periodical maintenance of water tanks, filters are done.

Equipment facility:

- Lab equipments are maintained by each Department. Servicing of instruments is done as and when required by respective Department with prior approval of the Principal.

Computing facility:

- It is maintained by System Administrator.
- Inspection and servicing is taken up by systems Department.
- Licensed softwares and open source tools are purchased as per requirement.

Library:

- Library is monitored and maintained by the library committee.

4.4.3 How and with what frequency does the institute take up calibration and other precision measures for the equipment/instruments?

Yes, once in two years. Electrical and Electronics equipments are calibrated by M.K.S system located at, #254, Sompura Industrial Estate, Dobaspet, Bangalore-562111

4.4.4 What are the major steps taken for location, upkeep and maintenance of sensitive equipment (voltage fluctuations, constant supply of water etc.)?

We have two backup generators with total capacity of 285KVA to augment the supply from KPTCL. Each block has UPS to support systems in computer labs. ECE and EEE labs have servo stabilizers also to overcome the fluctuations in power.

Following table gives the detailed capacity of backup.

A	Electricity and Power backup:	
i	Quality-uninterrupted, 50 cps frequency, voltage 180-220 volts single phase. and 3 phase 440 volts	a. 125 KVA Diesel Genset Model : 6SL 9088T b. 160 KVA Diesel Genset Model: 6K1080TA
ii	Installed Capacity-KVA / KW	Information Not Available
iii	Sanctioned Power-KVA / KW	100 KVA
iv	Captive Power Plant-KVA / KW	100 KVA
v	UPS total backup-KVA/ KW	B - Block – 20 + 7.5 KVA A – Block – 20 +30+15+5 KVA D – Block – 30+30+10 KVA New Admin Block – 30 KVA Total – 197.5 KVA UPS backup
vi	Service points Nos.	10 Nos.
B	Water supply:	
i	Municipal/ borewell – 10 KL	02 borewells
ii	Water Purification: centralized – 06 KL Ladies Hostel, Boys Hostel, all Departments	1+1+5=7
C	Telecom facility	
i	Service Provider BSNL, No. of direct lines& No of EPABAX lines	Total BSNL Lines – 07,Fax Line – 01, Direct lines – 06,Intercom lines – 150
D	Security:	
i	Institutional Security staff & Outsourced staff number	08 +05 =13

**CRITERION 5:
STUDENT SUPPORT AND
PROGRESSION**

CRITERION 5: STUDENT SUPPORT AND PROGRESSION

5.1 STUDENT MENTORING AND SUPPORT

5.1.1 Does the institution publish its updated prospectus/ handbook annually? If 'yes', what is the information provided to students through these documents and how does the institution ensure its commitment and accountability?

Yes. The college publishes updated prospectus every year which contains information regarding courses offered, rules and regulations and other useful information. These are also available on college website.

5.1.2 Specify the type, number and amount of institutional scholarships/ freeships given to the students during the last four years and whether the financial aid was available and disbursed on time?

College ensures the financial assistance to the students in the form of scholarships, free ships and other concessions. The toppers in the class are given incentives. Merit Cum Means Scholarship is given to some deserving and meritorious students. Hostellers are provided with transportation facility from hostel.

The following table gives the number of free ships/ scholarships given in last four years

Academic yr	2012-13	2013-14	2014-15	2015-16
No of students	55	33	113	140
Amt awarded	19,93,000/-	10,59,500/-	49,88,000/-	50,73,000/-

5.1.3 What percentage of students receives financial assistance from state government, central government and other national agencies?

About 50% of the students receive financial assistance from state government, central government and other national agencies.

5.1.4 What are the specific support services/ facilities available for

- **Students from SC/ ST, OBC and economically weaker sections**

SC, ST, OBC and other weaker section are provided with books through separate book banks, Government scholarships.

- **Students with physical disabilities**

Separate provisions are made for them to write the exams by providing the extra time as per VTU norms.

- **Overseas students**

We support overseas students with necessary documents to ensure hassle free visa processing. The career counseling is done to help them overcome teething problems they face in an alien place. We also help them to understand the local issues. English classes are conducted to improve their English writing and speaking capabilities.

- **Students to participate in various competitions/ National and International**

Students are encouraged to participate in National/ International competitions, seminars/ workshops / design contests.

- **Medical assistance to students: health centre, health insurance etc.**

Institution provides first aid and medical facility. We also have an MOU with Mediscope hospital.

- **Organizing coaching classes for competitive exams**

No

- **Skill development (spoken English, computer literacy, etc.,)**

Training and Placement Department conducts soft skill training courses.

- **Support for “slow learners”**

Remedial classes are arranged for slow learners by concerned teachers if required.

- **Exposures of students to other institution of higher learning/ corporate / business house etc.**

The students undertake the interim projects in industries to gain insight into the working of industry. The Student also do their project work in major reputed industries as a part of their curriculum. The college has MOUs with many industries to train the students in emerging areas.

- **Publication of student magazines**

Annual Magazine is published every year. Biannual news letter is published by each Department. Some Departments publish technical magazine consolidating the project work done at the final year.

5.1.5 Describe the efforts made by the institution to facilitate entrepreneurial Skills, among the students and the impact of the efforts.

The college encourages the students to take up some innovative projects every year. Some notable projects done over the year are listed below.

Name of the Student(s)	Project Title	Area
Neha K & Grp	“An Advanced Authenticated Theft Proof ATM System”	ESD
BencyB & Grp	“Asic Design And Implementation Of Spst In Fir Filter”	SP
Ayesha H & Grp	“Design Of Microstrip Patch Antenna With Omega Slots”	WC
Md Ummer & Grp	“Generalized Home Optimization, Security & Tracking System”	ESD
Lisa K & Grp	“Waste Segregation Using Smart Dustbin”	
Girish K & Grp	Virtual Mouse Based On Colour Pointer Tracking	IP
Mohan G & Grp	Project Development Team Companion	SS,WA
Md Awaiz, & Grp	Moving Object Detection And Tracing For Video Surveillance	IP
Christy V & Grp	“Schedule-A-Tour” Using Genetic Algorithms	Algms
Rakesh & Grp	Development Of Convectional Heat Pipe	Theorems
Meraj A & Grp	Design Of Hvac System	
Md Irfan & Grp	Performance Characteristics Of Different Blends Of Using 4 Stroke Ci Engine	
Aftabalam & Grp	M3a Tri Axis Robotic 3d Printer	Robo
Md Umar .A & Grp	Design And Structural Analysis Of FSAE Chasis	Dsgn
Fahad H & Grp	A Modified Torque Control Approach For Load Sharing Application Using V/ F Induction Motor Drives	Drv Ctrl
Vinod & Grp	Dc-Dc Flyback Converter With Current Mode Control	Pwr Cvtr
Haseeb A & Group	Assistive Clothing Pattern Recognition For Visually Impaired People	ES
Dany M & Grp	Magnetically Levitated Vertical Axis Wind Turbine	RES
John K & Grp	“Analysis And Simulation Of High Frequency Llc Converter”	PS
Deepa & Grp	Incognito Chat App	Mobl Appl
Nupur S & Grp	Sensing The Environment Using Intelligent Android Mechanism	
Beenu M & Grp	Access Protection Using Data Deduplication In Cloud Environment	

5.1.6 Enumerate the policies and strategies of the institution which promote participation of students in extracurricular and co- curricular activities such as sports, games, quiz competitions, debate and discussions, cultural activities etc.

- TA/ DA is given to the participants whenever the events are conducted at National/ State level. Students are encouraged to participate in these activities by providing them with transportation facility within the city limits. The necessary uniform with college logo embedded on it is provided to the students when they represent the college in any event.

- The winners at University level are honored with suitable awards in the annual college day/ Sports day.
- The winners at institution level are honored with medals and certificates.
- The overall champion at the college level is selected on the basis of his/ her performance in the academics, Co-academics and extracurricular activities and is given to the student champion every year.

5.1.7 Enumerating on the support and guidance provided to the students in preparing for the competitive exams, give details on the number of students appeared and qualified in various competitive exams such as UGC-CSIR- NET, UGC-NET, SLET, ATE / CAT / GRE / TOFEL / GMAT / Central / State services, Defense, Civil Services, etc.

Students are encouraged to take up various competitive exams and counseling sessions are arranged to guide the students. Books on GRE, TOFEL, CAT, etc. are available in Library and students use these facilities to prepare for competitive exams.

5.1.8 What type of counseling services are made available to the students (Academic, personal, career, psycho-social etc.)

Career counseling and mentoring classes are the services provided to the students.

5.1.9 Does the institution have a structured mechanism for career guidance and placement of its students? If 'yes', detail on the services provided to help students identify job opportunities and prepare themselves for interview and the percentage of students selected during campus interviews by different employers (list of students selected during campus interview).

- Aligning students' knowledge, technical and problem solving skills with needs of industry through training and industry interaction.
- Providing Aptitude training through Professionals.
- Providing quality training in English Communication
- Providing domain specific technical training in application of basic concepts by industry experts.
- Creating awareness among students about the technological changes by inviting guest speakers from industry.
- Working with industry to provide internships, projects, workshops and courses relevant to industry.
- Industry relevant BE projects by students done in the college under supervision of industry experts.
- Encouraging students to participate in design contest, presentation of technical papers and competition.
- Creating awareness in entrepreneurship among students through interaction with successful entrepreneurs.

The following table gives the number of students placed through campus selection for last four years.

	LYG 2014-15	LYG m1 2013-14	LYG m2 2012-13	LYG m3 2011-12
No. of students	462	420	423	450
On-Campus	107	61	99	105

5.1.10 Does the institution have a student grievance redressal cell? If yes, list (if any) the grievances reported and redressed during the last four years.

Yes, the grievances of the students are addressed by the mentors/ counselors at primary level. Any other matter of serious concern is brought to the notice of HOD and Principal. The Grievance cell converses with the aggrieved students and solves to the vexed issues.

5.1.11 What are the institutional provisions for resolving issues pertaining to Sexual Harassment?

Yes, the Institute has womens' grievance cell which looks into such allegations of sexual harassment. However no such incidents are reported so far.

5.1.12 Is there an anti-ragging committee? How many instances (if any) have been reported during the last four years and what action has been taken on these?

The anti ragging committee is constituted at the beginning of every academic year. This committee monitors hostels and campus for any such activity at night randomly and checks whether there are any incidents of ragging. If any minor incident which does not offend the psychology/ sentiment of an individual, hostel warden resolves the issue with the help of anti ragging committee then and there itself. Even these minor incidents have been far and few in our campus.

5.1.13 Enumerate the welfare schemes made available to students by the Institution

Some of the welfare schemes available to the students are

- Accident insurance scheme.
- Tuition fee waiver /concession to meritorious students.

5.1.14 Does the institution have a registered Alumni Association? If 'yes', what are its activities and major contributions for institutional, academic and infrastructure development?

Yes, the college has registered Alumni Association(R). This association is engaged in organizing alumni meet annually and this occasion is utilized to seek the help of alumni who are in the top positions in the corporate sectors to train our students to improve their employability.

5.2 STUDENT PROGRESSION

5.2.1 Providing the percentage of students progressing to higher education or Employments (for the last four batches) highlight the trends observed.

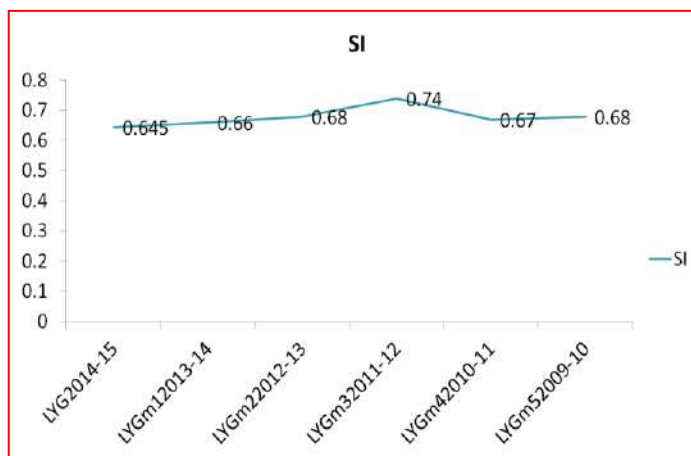
The following table provides % of students progressing to higher studies and employments.

% of students placed	LYG 2014-15	LYG m1 2013-14	LYG m2 2012-13	LYG m3 2011-12
On-Campus	107	61	99	105
Off-Campus	11	25	21	30
Going for Higher Studies	04	07	10	06

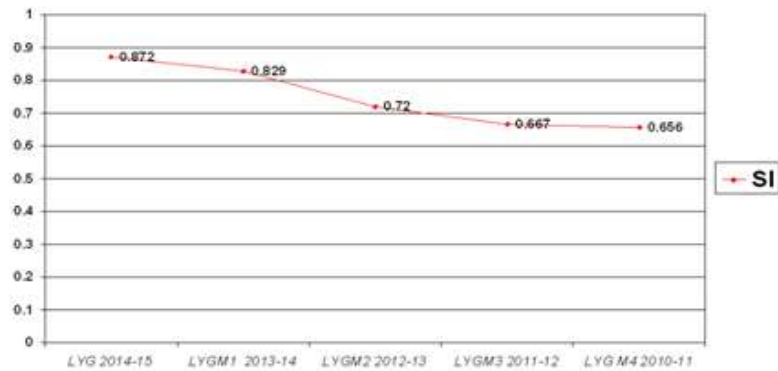
5.2.2 Provide details of the programme wise pass percentage and completion rate for the last four years (cohort wise/ batch wise as stipulated by the University)? Furnish programme-wise details in comparison with that of the previous performance of the same institution and that of the Colleges of the affiliating University within the city/ district.

Program wise pass percentage and completion rate for the last four years is

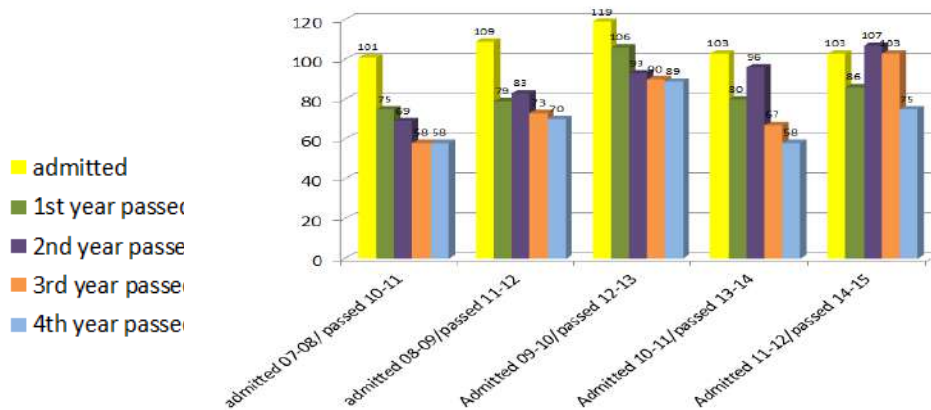
Electronics & Communication Engineering



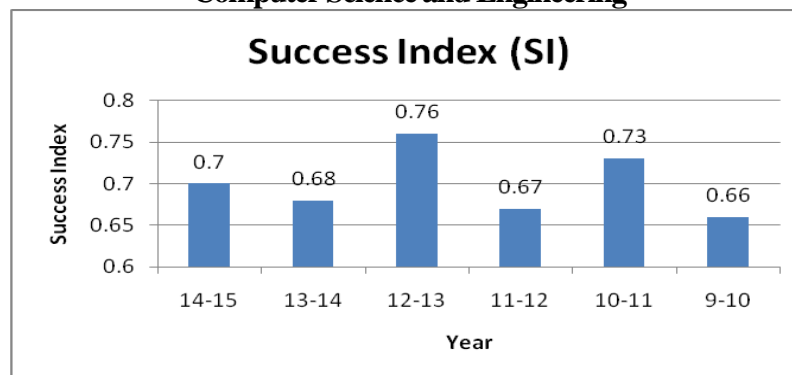
Information science & Engineering



Mechanical Engineering



Computer Science and Engineering



Electrical & Electronics Engineering

Success Index (SI)	0.68	0.836	1	0.819	0.666
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5.2.3 How does the institution facilitate student progression to higher level of education and/ or towards employment?

The college facilitates the students' progression by conducting the training classes for competitive exams by the experts and invited lectures.

5.2.4 Enumerate the special support provided to students who are at risk of failure and dropout?

The College arranges remedial classes for weak students in some subjects. Counselors counsel them and identify their strengths and weakness and suggest remedial measures.

5.3 STUDENT PARTICIPATION AND ACTIVITIES

5.3.1 List the range of sports, games, cultural and other extracurricular activities available to students. Provide details of participation and program calendar.

The college provides a wide range of facilities for sports, games, cultural and other extracurricular activities.

The following table lists the different games/ events conducted by the college.

Sports	Cultural Events	Literary events
Athlete	Mehendi	Creative writing
Table Tennis	Dumb charades	Pick and Speak
Cricket	Quiz	Sketching
Volley Ball	Western Acoustics Solo	Flower Arrangement
Foot Ball	Western Acoustics Group	Debate
Basket Ball	Collage	One sheet Paper cutting
Badminton	Rangoli	Painting
Chess	Non Classical Singing (solo)	Mini Projects
Throw ball	Classical Dance solo	
Shot put	Skit	
	Classical/ Contemporary Dance group	
	Non Classical Dance Solo	
	Movie spoof	
	Non Classical Dance Group	
	Fashion show	
	Non Classical Singing (duet)	
	Gaming –NFS	
	Gaming- Counter Strike	
	Mime	
	Collage	

5.3.2Furnish the details of major student achievements in co- curricular, extracurricular and cultural activities at different levels: University / State / Zonal / National / International, etc. for the previous four years.

The details of student achievements are listed below:

	Team Captain	Sem	Event	Organized / Sponsored	Date	Prize / Award
2013-14						
1.	Dattatreya, Jaichin		Wizard of Maths		8 March 2014	I prize
YEAR 2012-13						
1.	Harshita N.	II	Cross Country (W)	Dr. TTIT, Kolar	Feb 22-23, 2013	1 st Place, Gold Medal
2.	Ateeb Ahmed	VIII	Cross Country (M)	Dr. TTIT, Kolar	Feb 22-23, 2013	20 th Place for Men
3.	Stephen Solomon	VIII	Basket Ball (M)	NHCE, Bengaluru	April 22-23, 2013	Quarter Final
4.	Priyank	VIII	Boxing (M)	VTU, Belgaum		Selected to VTU
5.	Rajveer Kulhari	III	Net Ball	GIT, Belgaum	Oct 5-6, 2012	For All India Selected
6.	Syed Abdul Samad	VII	Volley Ball	Sapthagiri IT, B'lore	Mar 26-27, 2012	Quarter Final
7.	Syed Abdul Samad	VII	Athletic	SIT, Tumkur	Nov 1-4, 2012	2-Silver & 1-Bronze Medal
YEAR 2011-12						
1.	Nagraja A.Malagatte	VIII	VTU Youth Fest	MSRIT, Bengaluru	March 10-13, 2012	3 silver medal
2.	Abubacker Khan	VIII	Football	Sri MVIT, Bengaluru	March 2-4, 2012	2 South Zone
3.	Abraham Mathew			Western Vocal		Silver Medal
4.	Arun K	IV	Youth Fest	CET, Gubbi	Nov 1-4, 2011	Western Group Song, Elocution-Gold Spot Painting-Silver

5.3.3 How does the college seek and use data and feedback from its graduates and employers, to improve the performance and quality of the institutional provisions?

The college collects the feedback from all its stakeholders. The feedbacks collected are

- Exit survey from outgoing students
- Alumni survey from Alumni members during the Annual Alumni Meet
- Employers survey through training and placement cell.

The feedback collected is tabulated using excel sheet and consolidated at the respective Departments. The results of feedback are forwarded to the Principal. AC discusses the deficiencies observed from the feedback and necessary changes are accommodated in the administration system.

5.3.4 How does the college involve and encourage students to publish materials like catalogues, wall magazines, college magazine, and other material? List the publications/ materials brought out by the students during the previous four academic sessions.

The college publishes its annual college magazine in which the students publish articles, both technical and general. In addition to this, the students participate in various conferences, seminars and other events.

5.3.5 Does the college have a Student Council or any similar body? Give details on its selection, constitution, activities and funding.

Each class has two CRs (one boy and one girl). These CRs coordinate with CTs & HODs and help the Department in arranging for Co-Curricular activities. We also have representatives for cultural programmes and sports activities from each class. The CRs, cultural & sports coordinators help in organizing college annual fest, symposium and sports day. These representatives are selected by CTs through a voting process in their respective classes. The Institute provides funds for all these activities.

5.3.6 Give details of various academic and administrative bodies that have student representatives on them.

There are various administrative bodies in the college which have student representatives. The student representatives take active roles in organizing and conducting Cultural activity, College fest, Workshops, Fresher's day, sports day and forum activities. Student Representatives are also members of PAC, where they can express their views.

5.3.7 How does the institution network and collaborates with the Alumni and former faculty of the Institution

Yes, the college has a registered Alumni Association(R). The Alumni Association(R) is engaged in organizing alumni meet once in a year. The Alumni extends its support to the Institution by conducting workshops, invited lectures and soft skill programmes.

**CRITERION 6:
GOVERNANCE, LEADERSHIP
AND MANAGEMENT**

CRITERION 6: GOVERNANCE, LEADERSHIP & MANAGEMENT

6.1 INSTITUTIONAL VISION AND LEADERSHIP

6.1.1 State the vision and mission of the Institution and enumerate on how the mission statement defines the institution's distinctive characteristics in terms of addressing the needs of the society, the students it seeks to serve, institution's traditions and value orientations, vision for the future, etc.?

VISION

- To empower students through wholesome education and enable the students to develop into highly qualified and trained professionals with ethics and emerge as responsible citizens with broad outlook to build a vibrant nation.

MISSION

- To achieve academic excellence through in-depth knowledge in science engineering and technology through dedication to duty, innovation in teaching and faith in human values.
- To enable our students to develop into outstanding professionals with high ethical standards to face the challenges of the 21st century.
- To provide educational opportunities to the deprived and weaker section of the society to uplift their socio-economic status.

Ours is religious minority Institution. Its main objective is to uplift the education status of the deprived and weaker sections of the society in general and minority community in particular. A majority of seats in management quota is allotted to deserving students among the minorities on substantial fee concession. In recent years there is an unprecedented rise in the demand and diversification in engineering education with emphasis on "Make in India" Vision. The mission of the institution is to provide human resources for achieving this vision by providing wholesome education by turning out quality engineers.

6.1.2 What is the role of top management, Principal and Faculty in design and implementation of its quality policy and plans?

The goal of management is to achieve the mission and vision of the institution. The Academic Council ensures that high-quality teaching, training, research, and objectives of the programs are achieved. This requires far sightedness, Managerial skills and knowledge of global issues. To achieve this Institution has developed its policy in consultation with all its stakeholders. The professed policy of the institution is to impart wholesome education to the student community and help them imbibe discipline and understand their social and professional responsibilities to the society. The institute intends in promoting professionalism and expertise among all the students and staff members with emphasis on teaching-learning process, student support and progress, faculty empowerment.

6.1.3 What is the involvement of the leadership in ensuring

- **The policy statements and action plans for fulfillment of the stated mission**

Leadership at all the levels of the hierarchical structure of the organization is devoted to development and implementation of the policy. The professed policy of the institution is to impart wholesome education to the student community and help them imbibe discipline and understand their social and professional responsibilities to the society. The institute intends in promoting professionalism and expertise among all the students and staff members with emphasis on teaching -learning process, student support and progress, faculty empowerment.

- **Formulation of action plans for all operations and incorporation of the same into the institutional strategic plan**

The action plan is formulated by Principal and Heads of the Department in the AC meeting. This action plan is ratified in the subsequent GC meet.

- **Interaction with stakeholders**

Institution maintains the regular interaction with its stakeholders at all the levels of institution. AC meeting is conducted periodically. Principal conducts regular meetings with HODs. Course Coordinators and Counselors' are appointed to keep track of the progress. Program Coordinators of various programs analyze the feedback from various stake holders to take corrective measures. Alumni meet is conducted once in a year to maintain the Institute- Alumni interaction.

- **Proper support for policy and planning through need analysis, research inputs and consultations with the stakeholders**

Management is committed to the satisfaction of all stakeholders. Policy of the institution is designed in consultation with all the stakeholders after a thorough analysis of requirements and technological advancements from time to time.

- **Reinforcing the culture of excellence**

HKBKCE is striving for excellence in Quality Engineering Education through regular monitoring of academic activity, faculty empowerment, student satisfaction, co-curricular and extracurricular activities, research culture and industry collaboration.

6.1.4 What are the procedures adopted by the institution to monitor & evaluate policies and plans of the institution for effective implementation & improvement from time to time?

Institution has the following committees for the monitoring and evaluation of academic and administrative process.

- Anti Ragging Committee
- Academic Council
- Cultural Committee
- Research Committee
- Disciplinary Committee
- Grievance Redressal Committee
- Womens' grievance Redressal cell
- Program Assessment Committee at Department levels
- Magazine Committee
- Sports Committee
- Alumni Association

6.1.5 Give details of the academic leadership provided to the faculty by the top Management

Leadership in higher education is a major social responsibility and can be significantly strengthened through dialogue with all stakeholders, especially teachers and students. Management has empowered its faculty members at all the levels of the organization. The participation of faculty in the governing bodies of institution is ensured by nominating or co-opting them in various committees so that they acquire leadership qualities and enhance their stature.

Constitution of some committees is shown in table below

Internal Quality Assurance Cell			
Sl.No	Name of the Staff	Design & Dept	Position
1.	Dr. Suraiya Tarannum	Prof & PGC	Chairman
2.	Prof. Sundaresh	ME Dept	Members
3.	Dr. Narayan Singh	ECE Dept	
4.	Prof. Sheikh Haroon Safadar	EEE Dept	
5.	Dr. Wasim Ahmed	CSE Dept	
6.	Prof. Savithri Ramesh	IS Dept	

Academic Council: (AC)			
Sl.No	Name of the Staff	Design & Dept	Position
1.	Dr.Chaitanya Kumar M.V	Principal	Chairman
2.	Prof. Hussain Ahmed	HOD - ECE	Members
3.	Dr. Loganathan	HOD - CSE	
4.	Prof. Syed A.Mustafa	HOD - ISE	
5.	Dr. S.Muzzamil Ahmed	HOD - ME	
6.	Dr.Powly Thomas A.A.	HOD - EEE	
7.	Dr. Abu Sayeed	HOD - CIVIL	
8.	Dr. Sanaulla P.F.	HOD - Chem	
9.	Dr.Chandra Kumar	HOD - Physics	
10.	Prof. Saher Fathima Khanum	HOD - Maths	

Alumni Association(R)			
Sl.No	Name of the Staff	Design & Dept	Position
1.	Prof. Hussain Ahmed	Prof. & HOD, ECE	President
2.	Prof. Syeda Husna Muhammedi	ECE	VP
3.	Prof. Abdul Saleem	ECE	Secretary
4.	Prof. Subiya Yaseen	ECE	Jt. Sec.
5.	Prof. Javeriya Ambareen	CSE	Treas
6.	Prof. Ubaidulla	EEE	Jt. Treas
7.	Prof. Vinay Shreyas	EEE	Executive Member
8.	Prof. Sufia Banu	ECE	
9.	Prof. Ayesha Sultana	ISE	
10.	Prof. Salim sharieff	ME	

Sports Committee			
Sl.No	Name of the Staff	Design & Dept	Position
1.	Dr. S.Arshad Pasha	Phy Edn Director	Chairman
2.	Prof. Mohammed Mujeerulla	CSE	Members
3.	Prof. Fakruddin	CSE	
4.	Prof. Nadeem Pasha	ME	
5.	Prof. Shaik Imam	ECE	
6.	Prof. Soni	EEE	
7.	Prof. Mubarak Ali	CIV	
8.	Prof. Pavan Kumar	ME	

6.1.6 How does the college groom leadership at various levels?

The institution assigns different responsibilities to all staff members at Department and institution level. There are different committees and each committee is headed by senior faculty member to monitor its functioning. The committees are formed on a rotation basis. This promotes coordination among all faculty members at different levels and fosters unity and develops leadership qualities in the individuals. Two students from each class are appointed as CRs. The CRs put forth their problems to HODs and their Class Teachers. Students are also nominated/ co-opted as coordinators for various co-curricular and extracurricular activities to ensure their participation and skill enhancement.

6.1.7 How does the college delegate authority and provide operational autonomy to the Departments / units of the institution and work towards decentralized governance system?

Institution has organizational structure which is cohesive in nature with policies and programs of the institution implemented after due consultation process with the Management, Principal and HODs. The decisions are intimated to the respective HODs for implementation. The Department has an administrative system with Class Teachers and senior faculty members to implement these programs to the fullest satisfaction of all stakeholders. The HODs with their coordinators monitor the progress within the Department and keep the Principal informed about various activities.

6.1.8 Does the college promote a culture of participative management? If 'yes', indicate the levels of participative management.

Participation of all the stakeholders is essential to achieve the mission and vision of the institution. All stakeholders are represented adequately in the organization. Students put forth their suggestions through their CRs and other coordinators. The representatives of all the stakeholders present their views in different platforms available to them like Alumni Meet, PAC Meeting, Industry Institute interaction meet, Training and Placement, Course coordinators Meeting, staff meetings at Department level and AC meetings.

62 STRATEGY DEVELOPMENT AND DEPLOYMENT

6.2.1 Does the Institution have a formally stated quality policy? How is it developed, driven, deployed and reviewed?

We have a clearly defined vision, mission and objective defined by the Trust and institute. Each Department has its own vision and mission and Graduate Attributes which align to the stated policy of the institute.

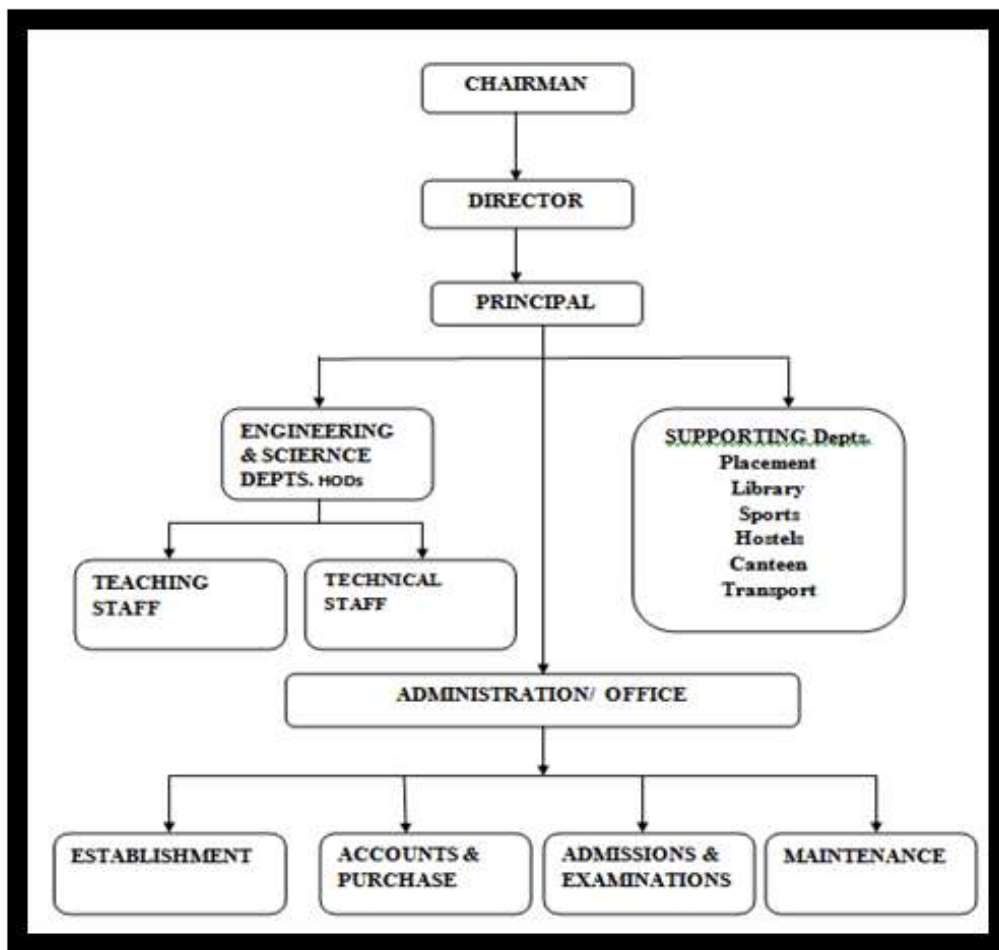
6.2.2 Does the Institute have a perspective plan for development? If so, give the aspects considered for inclusion in the plan.

Institute has perspective plan which emphasizes on the following key areas:

- Teaching, Learning and Evaluation
- Student Support and Progress
- Faculty Empowerment and Welfare
- Research and Development
- Innovation and Entrepreneurship

6.2.3 Describe the internal organizational structure and decision making processes.

The organizational chart of the Institution is shown below.



6.2.4 Give a broad description of the quality improvement strategies of the institution for each of the following

• Teaching & Learning

The institution provides an effective teaching and learning process for all the students. The faculties employ interactive and participatory approach creating a sense of responsibility in learning and makes learning an enjoyable process. The students' feedback is collected on the effectiveness of the teaching learning process as well as the course contents and analysis is done using Excel sheets.

- Faculty prepares their teaching material.
- Assignment and Seminars are included as a part of curriculum.
- Industrial visits are arranged.
- Industry/ Subject experts are invited.
- Mentoring classes are conducted for weak students.
- IQAC monitors the syllabus coverage.

- IA tests are conducted as per the COE.
- The Principal scrutinizes IA question papers.
- IA marks are displayed on the Department notice board. In case of any discrepancy in award of marks the student can approach the concerned evaluator/ HOD.
- Progress Report is sent to the parents.

- **Research & Development**

Research committee is set up to strengthen R&D activities.

- **Community engagement**

Apart from the teaching learning process, Institution has taken an initiative for bringing about environmental and behavioral changes to improve the health of the society. Campus cleaning and gardening are some of the programs where student actively participate.

- **Human resource management**

Policy regarding recruitment, salary, increments and leaves are stated in the service manual. Grievance cell sorts out the grievances of students and staff as and when need arises.

- **Industry interaction**

To bridge the gap between Institute and Industry, Departments have nominees from industry in PAC and HODs conduct PAC meet once in a semester. Eminent speakers are invited from the industry to deliver lectures on the current topics. The institute has signed several MOUs and arranges FDPs/ STTPs/ workshops in association with the industries. Infosys Campus Connect is one such program arranged by ISE Department for interacting with the industry.

6.2.5 How does the Head of the institution ensure that adequate information (from feedback and personal contacts etc.) is available for the top management and the stakeholders, to review the activities of the institution?

Institution has strong mechanism to obtain the feedback from all its stakeholders. Feedback questionnaires are carefully designed to elicit their response. This process is periodically conducted and documented. This is processed by the Academic Council and report is submitted to the Management.

6.2.6 How does the management encourage and support involvement of the staff in improving the effectiveness and efficiency of the institutional processes?

Management has welfare policy for all the staff members which includes general Insurance Scheme, Leave benefits, Promotional policy, Annual increments, career advancements through sponsorship for higher studies etc.

6.2.7 Enumerate the resolutions made by the Management Council in the last year and the status of implementation of such resolutions.

GC Resolution is given in **Annexure 8**

6.2.8 Does the affiliating university make a provision for according the status of autonomy to an affiliated institution? If 'yes', what are the efforts made by the institution in obtaining autonomy?

Yes, the University has provision to accord autonomy status to an affiliated institution. The college is yet to apply for autonomous status.

6.2.9 How does the Institution ensure that grievances / complaints are promptly attended to and resolved effectively? Is there a mechanism to analyze the nature of grievances for promoting better stakeholder relationship?

To redress the grievances of staff, students and to have a congenial atmosphere for teaching learning process and smooth administration, the College has constituted a grievance redressal cell. The cell investigates into the allegations & resolves the problem and submits its findings with its recommendations to the Principal.

6.2.10 During the last four years, had there been any instances of court cases filed by and against the institute? Provide details on the issues and decisions of the courts on these?

Nil

6.2.11 Does the Institution have a mechanism for analyzing student feedback on institutional performance? If 'yes', what was the outcome and response of the institution to such an effort?

Yes, exit survey and satisfaction survey are collected from outgoing students each year by respective Departments and analyzed at Department level and the report is forwarded to the Principal for further consolidation and necessary action.

6.3 FACULTY EMPOWERMENT STRATEGIES

6.3.1 What are the efforts made by institution to enhance the professional development of its teaching and non teaching staff?

Institution encourages the staff members to improve their overall performance. Many staff members have been sponsored for higher studies over the years. Both teaching and non teaching staff are encouraged to improve their qualification as well as their professional capabilities. Staff members are sponsored for part time programs in M.Tech and part time Ph.D by research. Non teaching staff are sponsored for evening B.E courses. Special leaves are granted to teaching and non teaching staff pursuing higher studies.

Following is the table of Teaching/ Non teaching staff pursuing higher studies in different universities.

Sl. No.	Staff/ Instructor	Degree	University/ College
1.	Mansoor Basha	B.E	VTU/ BMSCE
2.	Mudassir Suhail	B.E	VTU/ BMSCE
3.	Nawaz Khan	B.E	VTU/ BMSCE
4.	Sufia Banu	M.Tech	VTU/ Reva ITM
5.	Amreen Khanum	M.Tech	VTU/ Reva ITM

The college aims at promoting research, development, consultancy and other professional activities, involving the faculty at various levels. Such of those faculty, who exhibit initiative and drive by getting substantial grants for R & D works or for strengthening the infrastructure in the institute will be suitably encouraged with financial incentives and receive special commendations from the management.

6.3.2 What are the strategies adopted by the institution for faculty empowerment through training, retraining and motivating the employees for the roles and responsibility they perform?

- Faculty members are encouraged to participate in the FDPs and training programs in and outside the Institute.
- Some of the Technical staff are sponsored for technical training programs conducted by VTU/ other Institutes.

6.3.3 Provide details on the performance appraisal system of the staff to evaluate and ensure that information on multiple activities is appropriately captured and considered for better appraisal.

An appraisal form is circulated to all the staff members annually. The same is submitted to the Principal with confidential report of the HOD.

The sample appraisal form is shown in **Annexure 5**.

6.3.4 What is the outcome of the review of the performance appraisal reports by the management and the major decisions taken? How are they communicated to the appropriate stakeholders?

Annual increments are granted to staff members based on the staff appraisal report. Underperforming faculty members are identified and counseled by the HR, Principal and HOD.

6.3.5 What are the welfare schemes available for teaching and non teaching staff? What percentage of staff have availed the benefit of such schemes in the last four years?

The following are service benefits and welfare measures extended to the employees.

- Maternity leave to the women employees, for a period of 75 days.
- Special leave for higher studies and valuation.

- Marriage leave
- Group Insurance
- Employees Provident Fund (EPF).
- Vacation Leave of 15 days/ semester
- Marriage loan
- Festival advance
- About 50% of the staff members have availed the benefits provided by the institution like marriage leave and festival advance.

6.3.6 What are the measures taken by the Institution for attracting and retaining eminent faculty?

Institute has taken following measures to attract and retain eminent faculty members:

- Encouragement to represent institution at national and international level.
- Representation at Management level as GC member.
- Sanction of special Casual leave/ OOD
- Research Promotion Scheme

64 FINANCIAL MANAGEMENT AND RESOURCE MOBILIZATION

6.4.1 What is the institutional mechanism to monitor effective and efficient use of available financial resources?

The institution has an efficient and transparent system of utilization of available resources. Based on the indents raised by different Departments, the budget is allocated and the funds are released as and when required by the accounts Department.

6.4.2 What are the institutional mechanisms for internal and external audit? When was the last audit done and what are the major audit objections? Provide the details on compliance.

Audit is under process.

6.4.3 What are the major sources of institutional receipts/ funding and how is the deficit managed? Provide audited income and expenditure statement of academic and administrative activities of the previous four years and the reserve fund/ corpus available with Institutions, if any.

The statement of expenditure of academic and administrative activities of the previous four years is as in **Annexure 9**

6.4.4 Give details on the efforts made by the institution in securing additional funding and the utilization of the same (if any).

Additional grants have been received from the state and central government agencies to promote research and innovation among staff and students

Sl. No	Fund Received	Department	Year	Grant received in Rs.
1	DST	Civil	2012-13	33,00,000/-
2	VGST grant	ME	2012-13	10,00,000/-
3	VGST grant	ME	2013-14	10,00,000/-
4	DST	CSE		3,500/-
5	VGST	ISE	2014-15	30,000/-

6.5 INTERNAL QUALITY ASSURANCE SYSTEM (IQAS)

6.5.1 Internal Quality Assurance Cell (IQAC)

- a. Has the institution established an Internal Quality Assurance Cell (IQAC)? If 'yes', what is the institutional policy with regard to quality assurance and how has it contributed in institutionalizing the quality assurance processes?**

Yes, established during this academic year.

Following table indicates the members of IQAC

Sl. No	Name	Designation	Position
1.	Dr. Suraiya Tarannum	Prof & PGC, ECE	Chairman
2.	Prof. Sundaresh	ME Dept	Member
3.	Dr. Narayan Singh	ECE Dept	
4.	Prof. Sheikh Haroon Safadar	EEE Dept	
5.	Dr. Wasim Ahmed	CSE Dept	
6.	Prof. Savithri Ramesh	IS Dept	

- b. How many decisions of the IQAC have been approved by the management /authorities for implementation and how many of them were actually implemented?**

NIL

- c. Does the IQAC have external members on its committee? If so, mention any significant contribution made by them.**

NO

d. How do students and alumni contribute to the effective functioning of the IQAC?

Students and the alumni members are invited to attend the PAC meeting at the department level and the suggestions are recorded and forwarded to the AC and IQAC for further discussions.

e. How does the IQAC communicate and engage staff from different constituents of the institution?

IQAC members report to the Principal after assessment is done. Principal presents this report in AC meeting. After deliberations AC arrives at conclusion regarding means to be adapted for improvement in standard of TLP, R&D activities, discipline in the campus etc. The resolutions of the AC are then forwarded to the management for approval or ratification.

Subsequently the decisions of the AC are percolated towards the faculty in staff meetings at the Department. Subsequent to this the course coordinators and the faculty implement the suggestions at appropriate levels

6.5.2 Does the institution have an integrated framework for Quality assurance of the academic and administrative activities? If 'yes', give details on its operationalisation.

Institution has an Academic Council to ensure the effective implementation of the Semester System in the Programs offered by Visveswaraya Technological University. The Composition, functions and implementation of the Academic Council are as below

Position	Name of the Staff	Designation
Chairman	Dr. Chaitanya Kumar M.V	Principal
Member	Prof. Hussain Ahmed	Prof& HOD ECE
Member	Dr. Loganathan G.	Prof& HOD CSE
Member	Prof. Syed Mustafa A.	Prof& HOD ISE
Member	Dr. Muzzammil Ahmed S	Prof& HOD ME
Member	Dr. Powly Thomas	Prof & HOD EEE
Member	Dr. Syed Abu Sayeed Mohammed	Prof& HOD Civil

Functions:

- The AC monitors the conduction of regular theory and practical classes, lesson plans prepared by the faculties, course completion, delivery mechanism, curriculum transaction and conduct of IA tests.
- The AC ensures that the Departments complete all the activities within the scheduled time mentioned in the COE.
- The AC ensures that the Departments prepare all the required academic and administrative documents before commencement of the classes and are notified to all the stake holders.
- The AC ensures that IA books are evaluated as per the scheme without fear/ favor and marks are notified to all the students.
- The AC monitor various activities as per the COE of College and university

- The AC collects periodical reports from each Department regarding the activities and performance of the Departments within five days from each IA tests.

6.5.3 Does the institution provide training to its staff for effective implementation of the Quality assurance procedures? If 'yes', give details enumerating its impact.

The staff members are educated about the importance of satisfying the aspirations of the stake holders and maintaining quality of the teaching and learning process. The Principal conducts one meeting every year and HODs conduct meeting of all staff members regularly to emphasize on the need for continuous improvement and maintenance of academic standards. The HODs and NBA/ NAAC coordinators conduct orientation programs for staff and students.

6.5.4 Does the institution undertake Academic Audit or other external review of the academic provisions? If 'yes', how are the outcomes used to improve the institutional activities?

Academic Council inspects Departments periodically to assess Attendance Report, Syllabus Coverage, personal file, attendance register, work load distribution, student feedback and blue-books etc. IQAC audits the course file and work done statement.

6.5.5 How are the internal quality assurance mechanisms aligned with the requirements of the relevant external quality assurance agencies/ regulatory authorities?

AC and IQAC follow the guidelines outlined by the VTU, LIC, AICTE and strive to attain the excellence in TLP and monitor the development of staff and students.

6.5.6 What institutional mechanisms are in place to continuously review the teaching learning process? Give details of its structure, methodologies of operations and outcome?

Meetings of CTs with CRs along with HODs and staff are conducted once in a month to review the Teaching Learning process. The issues raised in the meetings are addressed by the HOD.

6.5.7 How does the institution communicate its quality assurance policies, mechanisms and outcomes to the various internal and external stakeholders?

The feedback collected from students is documented and HODs present the same in the AC and PAC meetings.

**CRITERION 7:
INNOVATIONS AND BEST
PRACTICES**

CRITERION 7: INNOVATIONS AND BEST PRACTICES

7.1 ENVIRONMENT CONSCIOUSNESS

7.1.1 Does the Institute conduct a Green Audit of its campus and facilities?

Yes, the college conducts Green Audit of the campus through Staff and Student coordinators under the aegis of NSS. Importance is given for development of eco-friendly environment in the campus. The college has adopted various measures to maintain a green campus and helps in developing an eco-concern and environment consciousness.

7.1.2 What are the initiatives taken by the college to make the campus eco-friendly?

The college has adopted different strategies to make the campus sustainable and environment friendly.

❖ Energy conservation

- The college has gradually moved from normal light bulbs to tube lights, CFLs lights, LEDs and most of the CRT monitors are replaced by TFT monitors (LCD).
- Electrical energy is conserved by using solar energy for water heating in hostels.
- The UPS Batteries are maintained in good condition which increases its life and efficiency.
- Periodical equipment checking and monitoring is carried.

❖ Use of renewable energy: NIL

❖ Water harvesting: Rain water harvesting system is in place.

❖ Check dam construction: NIL

❖ Efforts for Carbon neutrality: NIL

❖ Plantation Each block is surrounded by large green lawns and trees.

❖ Hazardous waste management: NIL

❖ E-waste management: The old electrical, electronic equipments and computers are replaced and exchanged with new systems.

7.2 INNOVATIONS

7.2.1 Give details of innovations introduced during the last four years which have created a positive impact on the functioning of the college.

- Mentoring System
- MOUs with industries.
- Project based Learning
- Value additional courses
- Pre placement training
- ICT based training
- R&D culture
- Patent filing
- Industry Institute Interaction

- Periodical meeting of CRs, CTs and HODs lead up to better student-Teacher relationship and coordination
- Mock group discussions and public speaking skills to improve communication Skills

7.3 BEST PRACTICES

7.3.1 Elaborate on any two best practices which have contributed to the achievement of the Institutional Objectives and/or contributed to the Quality improvement of the core activities of the college

BEST PRACTICE-1

1. Title of the Practice: “Mentoring System”

2. Goal

The objectives of the practice are:

- Improvement of student-teacher relationship
- Counseling students for solving their problems and enhance their self esteem and to inculcate sense of discipline and social responsibility.
- Help students to choose right career for job, higher studies, entrepreneurship etc.
- Collect feedback and ensure that problems (both academic and non academic) are resolved to the satisfaction of all stake holders.

3. The Context

The following issues made the Institution to adopt the mentoring system.

- To cope with the pressure to perform in current competitive world and to face the challenges of the society, students need mentoring support to achieve academic excellence.
- The need for addressing conflicts in attitudes, habits, and adaptability towards learning practices.
- Need to establish coordination between students and faculty members to conduct tutorials and practical classes. Tutorials are arranged by the mentors in coordination with the respective course teachers and experts who focus on problem-based learning
- Need to assign joint tasks to build team spirit and collaborative learning.

4. The Practice

- A Batch of 10-20 students is allotted to a mentor /counselor.
- Counseling diaries are provided to each counselor to maintain the record of students under their patronage.
- The Mentors meet the students once in a fortnight, The Parents/ Guardians of Irregular/ underperforming students are called to meet the mentors and remedial measures are initiated for improvement.
- The mentors arrange remedial and tutorial classes for slow learners.
- Mentor maintains the student information. HOD monitors the mentoring dairies.

The issues include:

- Time Management

- Study planning and techniques
- Optimum utilization of faculty and lab resources
- Managing distractions
- Examination preparation
- Health problems, if any
- To provide a platform to students to strengthen experiences and ideas to help understand student psychology

5. Evidence of Success

- Students' attendance has improved after counseling.
- The communications between mentor and students strengthened the Student Teacher relationship.
- Academic performance of the students marginally improved.
- Participation in co-curricular activities is enhanced.
- Students get more focused to achieve their objectives.

6. Problems Encountered and Resources Required

- The new faculty members who are recruited in the Institution need time and guidance to understand the importance of mentor ship scheme. Orientation of such faculty is required.
- The faculty members at times experience difficulty for one to one interaction due to time constraints. However most faculty members appreciate the utility of this scheme and take it up as pleasure.

BEST PRACTICE 2

1. Title of the Practice: “MOUs with industries”

2. Goal

This practice aims at providing industry institute interaction to nurture the research competencies among the students and faculty and also bridge the gap between academic and industry

3. The Context

Faculty competencies need to be improved to provide best teaching learning environment to the student community. This necessitates the faculty to update their knowledge regularly and adapt themselves to new technologies. The college offers UG and PG degree Programs in various engineering disciplines. It is the responsibility of faculty members to adopt effective learning methodology for students to grasp various engineering concepts.

4. The Practice

- The MOUs with industry encourages the faculty members to visit the industry during vacation and learn the emerging technologies in their respective areas.

The faculty members are encouraged to publish the research papers, attend national/ International conferences and to carry out consultancy work. The faculty can avail OOD to present the research articles in national/ International journals and conferences. The staff members update their knowledge skills in emerging technologies and impart the same to the students for generating creative skill among the students and encourage the students for lifelong learning to encourage them for lifelong learning and enhancing their skills.

- Industries conduct internship programs to bridge the industry-academic gap.

5. Evidence of Success

- Innovative project are executed at final year
- More students are taking part and showing interest in mini projects.

6. Problems Encountered and Resources Required

- Securing a job in core domain is a challenge as the jobs are far and few and turnout from the college is comparatively large.
- Students find IT domain more lucrative and hence take jobs in that domain as an easy way out.

EVALUATIVE REPORTS OF DEPARTMENTS

Electronics and Communication Engineering Department

1. Name of the Department: Electronics and Communication Engineering

2. Year of Establishment: 04/ 08/ 1997

3. Names of Programs / Courses offered (UG, PG, M.Phil., PhD., Integrated Masters; Integrated PhD. etc.):

The following programs are offered in the ECE Engineering Department.

Sl. No	Name of the Program	Establishment Year & Approval Letter	Academic Year	Intake
1.	Degree: Bachelor Degree in Engineering Discipline: Electronics and Communication Engineering	AICTE Approval letter 770-63-228/ ET/ 96 Dated 04/ 08/ 1997	1997-98	45
		AICTE Approval letter 770-53-228(E)/ ET/ 96 Dated 25/ 9/ 2000	2000-01	60
		AICTE Approval letter SWRO3588 Dated 2/ 1/ 2006	2006-07	90
		AICTE Approval letter 770-53-228(E)/ ET/ 96 Dated 13/ 7/ 2007	2007-08	120
		F.No.: South-West/ 1-2016594398/ 2014/ EOA Date 04/ 06/ 2014	2014-15	180
2.	Degree: M.Tech Discipline: ELN	F.No. South-West / 1-736732742/ 2012/ EQA, Dated 10/ 05/ 12	2012-13	18
3.	Ph. D in ECE	Ref: VTU/ Aca-Res-Cen/ 2014-15/ 2863 Date: 04/ 07/ 14	2014-15	-

4. Name of Interdisciplinary courses and Departments involved:

The list of interdisciplinary courses which are common to various Departments is mentioned in the table below:

Sl No	Sem	Course code	Course Title	Department
1	I/ II/ III/ IV	15MAT11, 15MAT21, 14MAT31, 14MAT41	Engg Maths – I, Engg Maths – II, Engg Maths – III, Engg Maths – IV	MATHEMATICS
2	I/ II	15PHY12	Engg Physics	PHYSICS
3	I/ II	15CIV13	Elements of CEM	CIVIL ENGG
4	I/ II	15CCP13/ 23	CCP	CSE
5	I/ II	15EME14/ 24	Elements of Mechanical Engg	MECHANICAL ENGG
6	I/ II	15CED14/ 24	CAED	MECHANICAL ENGG
7	I/ II	15WSL16/ 26	Basic Workshop Lab	MECHANICAL ENGG
8	I/ II	15CCP16	C Programming Lab	CSE
9	I/ II	15PHYL17	Engg. Physics Lab	PHYSICS
10	I/ II	15CIP18	CIP	MBA
11	I/ II	15CHE1 2/ 22	Engineering Chemistry	CHEMISTRY
12	I/ II	15ELN15/ 25	Basic Electronics	ECE
13	VI	10EC65	Operating System	ECE
14	VI	10EC665	Programming in C++	ECE
15	VII	10EC761	Data Structure using C++	ECE

5. Annual / semester / choice based credit system (program wise)

Presently the UG and PG Programs follow the Visvesvaraya Technological University (VTU) guidelines with percentage based semester system.

Sl. No	Degree	courses offered	System followed
1.	B.E	ECE	Semester
2.	M.Tech	Electronics	Semester

6. Participation of the Department in the courses offered by other Departments:

The Department of Electronics & Communication Engineering is participating in courses offered by other Departments are:

Sl. No	Semester	Course Code	Course Name	To Department
1.	III	10CS32	Electronics Circuits	ISE
2.	VI	10ME65	Mechatronics & Microprocessors	ME

7. Courses in collaboration with other universities, industries, foreign institutions etc:

NIL

8. Details of courses/ programs discontinued (if any) with reasons :

NIL

9. Number of Teaching posts sanctioned and filled (Professors/ Associate Professors/ Asst. Professors).

The Department of Electronics & Communication Engineering has well experienced Faculty and the statistics of teaching posts sanctioned and filled is as mentioned in the table below:

Teaching Post	UG		PG	
	Sanctioned	Filled	Sanctioned	Filled
Prof.	2	04	1	01
ASP	6	01	1	00
AP	18	18	1	02

10. Faculty profile with name, qualification, designation, specialization (D.Sc./ D.Litt./PhD/ M.Phil., etc.)

Faculty profile is as mentioned in the table below:

Sl. No	Name	Specs	Qual	Desig	No. of Years of exp	PhD guided in 4 yrs
1.	Dr. Chaitanya Kumar M V	Eln &CA	Ph. D	Principal	32	
2.	Prof. Hussain Ahmed	Commn.	M.E,	Prof. & HOD	32	
3.	Dr. Suraiya Tarannum	WC	PhD	Prof. & PGC	19	
4.	Dr. Narayan Singh J	ON	PhD	Prof	12	01
5.	Dr. Preetam Shah	NS	PhD	Prof		
6.	Mrs. Zahira Tabassum	PE	M.E	ASP	14	
7.	Mr. Surendra K V	AE	M.Tech	AP	11	
8.	Mrs. Kehkeshan Jalall S	VLSI & ES	M.Tech	AP	14	
9.	Mr. Prasad S R	DE	M.Tech	AP	10	
10.	Mr. Imtiyaz Ahmed B K	DE	M.Tech	AP	10	
11.	Ms. Syeda Husna M	DEC	M.Tech	AP	10	
12.	Mr. Abdul Saleem	VLSI & ES	M.Tech	AP	10	
13.	Mrs. Harsha Karamchandani	μEC & VLSI	M.Tech	AP	09	
14.	Mr. Shaik Imam	VLSI & ES	M.Tech	AP	10	
15.	Ms. Subiya Yaseen	VLSI & ES	M.Tech	AP	08	
16.	Mrs. Sumaya Fathima	DCN	M.Tech	AP	06	
17.	Mrs. Naazneen M G	DE	M.Tech	AP	04	
18.	Mr. Mohammed Jebran P	DCN	M.Tech	AP	05	
19.	Mrs. Pavithra G	RF & C	M.Tech	AP	04	
20.	Mrs. Sufia Banu	VLSI & ES	M.Tech	AP	01	
21.	Mrs. Swarnamba S	DE	M.Tech	AP	09	
22.	Mr. Abdul Azeez	DE & Comn	M.Tech	AP	09	
23.	Mrs. Samreen Fiza	DCN	M.Tech	AP	01	
24.	Mr. Tanveer Baig	DCE	M.Tech	AP	03	
25.	Ms. Shireen Fathima	ELN	M.Tech	AP	-	
26.	Mrs. Garima Mishra	Commn	M.Tech	AP	NIL	

11. List of senior visiting faculty

NIL

12. Percentage of lectures delivered and practical classes handled- (program wise) by temporary faculty:

NIL

13. Student Teacher Ratio (Program-wise):

Sl. No	Program	Year	No. of Students	No. of Teachers	STR
1.	UG & PG	2015-16	292	26	11.23
2.		2014-15	344	26	13.23
3.		2013-14	359	25	14.36
4.		2012-13	394	23	17.13

14. Number of academic support staff (Technical) and administrative staff: sanctioned and filled.

Non-Teaching Post	Under Graduate	
	Sanctioned	Filled
Lab Instructor & Technicians	7	5
Administrative Staff	1	0
Attenders	6	2

15. Qualifications of teaching faculty with DSc/ D.Litt/ PhD/ MPhil / PG.**No of Faculties with PhD = 04****No of Faculties with PG = 22**

Name	Qualification
Dr. Chaitanya Kumar M V	PhD
Prof. Hussain Ahmed	M.E, (PhD)
Dr. Suraiya Tarannum	PhD
Dr. Narayan Singh J	PhD
Dr. Preetam Shah	Ph. D
Mrs. Zahira Tabassum	M.E
Mr. Surendra K V	M.Tech
Mrs. Kehkeshan Jalall S	M.Tech
Mr. Prasad S R	M.Tech
Mr. Intiyaz Ahmed B K	M.Tech (PhD)
Ms. Syeda Husna Mohammadi	M.Tech
Mr. Abdul Saleem	M.Tech
Mrs. Harsha Karamchandani	M.Tech
Mr. Shaik Imam	M.Tech
Ms. Subiya Yaseen	M.Tech
Mrs. Sumaya Fathima	M.Tech
Mrs. Naazneen M G	M.Tech
Mr. Mohammed Jebran P	M.Tech
Mrs. Pavithra G	M.Tech
Mrs. Sufia Banu	M.Tech
Mrs. Swarnamba S	M.Tech
Mr. Abdul Azeez	M.Tech (PhD)
Mrs. Samreen Fiza	M.Tech
Mr. Tanveer Baig	M.Tech
Ms. Shireen Fathima	M.Tech
Mrs. Garima Mishra	M.Tech (PhD)

16. Number of faculty with ongoing projects from a) National b) International funding.

NIL

17. Departmental projects funded by DST-FIST; DBT, ICSSR, etc. and total grants received.

NIL

18. Research Centre/ facility recognized by the University:

VTU, Recognized Research Center

19. Publications:

Year	Publications			Total
	Conference		Journals	
	National	International		
2012-13	19	01	-	20
2013-14	33	06	15	54
2014-15	07	13	10	30
Total				104

• Publication per faculty

Name of the faculty	No of Papers Presented in 13-14 and 14-15
Prof. Hussain Ahmed	01
Mrs. Zahira Tabassum	03
Mr. Surendra K V	01
Mrs. Kehkeshan Jalall S	02
Mr. Imtiyaz Ahmed B K	02
Ms. Syeda Husna M	03
Mrs. Harsha Karamchandani	05
Ms. Subiya Yaseen	13
Mrs. Naazneen M G	02
Mrs. Pavithra G	05
Mrs. Sufia Banu	03

• Number of papers published in peer reviewed journals (national/ international) by faculty and students

NIL

- **Number of publications listed in International Database (For Eg: Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, etc.), Monographs, Chapter in Books, Books Edited**

NIL

- **Books with ISBN/ ISSN numbers with details of publishers**

“Transmission lines and Antennas” by V.J.Rehana, fillip Learning-ISBN 978-93-81269-48-0

- **Citation Index, SNIP (Source Normalized Impact paper), SJR (SCI Image Journal Rack), Impact factor, H-index**

NIL

20. Areas of consultancy and income generated

NIL

21. Faculty as members a) National committees b) International Committees c) Editorial Boards

All Staff Members are members of IETE and ISTE

22. Student projects

- a) **Percentage of students who have done in-house projects including inter Departmental/ program – 80%**
- b) **Percentage of students placed for projects in organizations outside the institution i.e.in Research laboratories/ Industry/ other agencies BEL, HAL, NAL, LRDE, IISC etc. -20%**

23. Awards / Recognitions received by faculty and students

NIL

24. List of eminent academicians and scientists / visitors to the Department.

1. Dr. M.H.Kori
2. Dr. Sree kanteshwara, KSCST
3. Prof. SLN Murthy
4. Mr. Arham Faraaz, Founder Leadership Academy
5. Mr.Abraham K. C, Director Backborn Networks
6. Mr. Gurpreeth Singh, Edgate Technologies
7. Mr. Prokesh, Bharat Electronics Limited.

25. Seminars/ Conferences/ Workshops organized & the source of funding**a) National**

Activities Conducted by the Department of ECE

Sl No.	Activity	Date	Under the Banner:	Resource Person Details
1.	National Workshop on “Lab View and Data Acquisition”	29/ 01/ 13- 31/ 01/ 13	VTU, Trident Techlabs Pvt. Ltd.,	Experts from Trident Technologies
2.	7 th IETE Conference IConRFW – 14	08/ 05/ 14 10/ 05/ 14	IETE	Academicians from IETE and many other institutions
3.	KSCST – 37 th Students Project Program, North Zone	14/ 06/ 14	KSCST	Academicians from other institutions

b) International

NIL

26. Student profile program/ course wise: *M = Male *F = Female

Name of the program	Year	Enrolled	
		*M %	*F%
BE in ECE	2012-13	61	39
	2013-14	49	51
	2014-15	52	48

27. Diversity of Students

Name of the Course	YEAR	% of students from the state	% of students from other States	% of students from abroad
BE in ECE	2012-13	79	21	0
	2013-14	90	10	0
	2014-15	91	9	0

28. How many students have cleared national and state competitive examinations such as NET, SLET, GATE, Civil services, Defense services, etc.?

NIL

29. Student progression

Student progression		% enrolled
UG to PG		3-5
PG to M. Phil.		NIL
PG to PhD.		NIL
PhD. to Post-Doctoral		NIL
Employed	Campus selection	31%
	Other than campus recruitment	10%
	Entrepreneurship/ Self-employment	10%

30. Details of Infrastructural facilities

a) Department Library

Numbers available in the Department Library	
Library Books	Others
445 Titles 711 Volumes	PG & UG Project thesis reports, seminar reports. EFY magazines, NPTEL Video courses

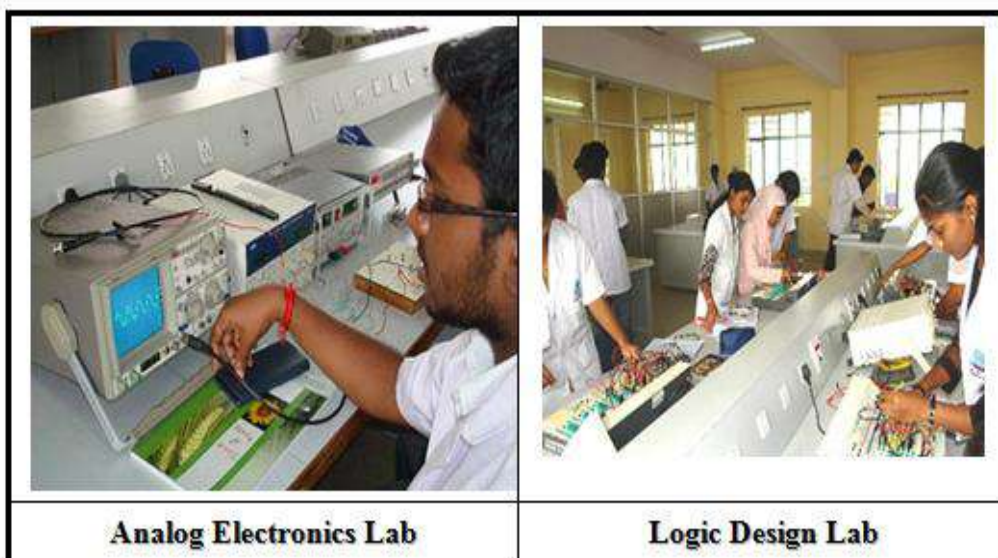


b) Internet facilities for Staff & Students

Name of the Internet Provider	ACT
Available Bandwidth	20 Mbps
Access Speed	256 Kbps
Availability of internet in an exclusive lab	Yes, the entire campus is Wi-Fi connected
Availability in most computing labs	Yes
Availability in Departments, faculty rooms	Yes
Institute's own e-mail facility to faculty/ students	Provided to faculty & students@hkbkeducation.org
Security/ Privacy to Email/ Internet users	Sonic Wall security provided

c) Class rooms with ICT facility

Class Room	Size Sq.m	Conditions of chairs/benches	Air circulation & Acoustics	Lighting	Exit	Ambiance	Other Amenities
B101	90	Good	Good	Good	1	Good	LCD Projectors (Fixed)
B102							
B301							
B302							
B303							
F301							
F304							

d) Laboratories**Analog Electronics Lab****Logic Design Lab**



Sl. No	Name of Lab	Quantity in No.	Capacity in Sqm.
1.	Computer Labs	03	300
2.	Communication Lab	01	151
3.	Analog Electronics Lab	01	180
4.	Power Electronics Lab	01	90
5.	Logic Design Lab	01	118

31. Number of students receiving financial assistance from college, university:

50%

32. Details on student enrichment programs with external experts

Sl. No.	Activity	Date	Under the Banner	Resource Person Details
1.	“Advanced Robotics & ES ”	19/ 07/ 13	ARK Techno solns.	Mr. Jignesh M Vaghela
2.	“SP,MATLAB & Simulink”	19-23/ 10/ 13	Solypsys Labs	Experts from Solypsys Labs
3.	“ARM “	30/ 09/ 14 - 01/ 10/ 14	IETE & Tenet Technetronics	Mr.Umashanker Shetty, TSE, Mr. Irappa G, DE, Mr. Prajwal, AE , Mr. Pandidurai
4.	“Success & Career Guidance”	20/ 10/ 14	HKBKCE	Mr. Arham Faraz Leadership Academy
5.	“PCB Design using CADENCE ORCAD”	05–07/11/ 14	FTD Automation Pvt. Ltd.	Technical Exports from FTD Automation Pvt. Ltd.
6.	“ESDM ”	10/ 11/ 14	HKBKCE	IETE
7.	“Matlab & Applns in Ind”	14/ 02/ 15	HKBKCE	Mr.Harisha,Mr.Jagadeesh K.B
8.	“PCB Processor Automation ”	13/ 03/ 15	HKBKCE	Mr. Vinay S, Alpha Imager Pvt. Ltd
9.	"Analog Systems Design Using ASLK PRO"	28/ 09/ 15	Edgate/ TI	Mr.Gurupreet, Director, Edgate Technologies.Mr. Kiran C Binni ,FAE
10.	"NUVOTON ARM CORTEX M0 P & I "	29, 30/ 9 to 1/ 10/ 15	SSS	Mr. Syed Mehtab, Director,SSS.

33. Teaching methods adopted to improve student learning

- Classroom teaching/ lecture and discussions / Q&A sessions
 1. The learning material is generally text and reference books prescribed by VTU.
 2. The internet usage is steadily increasing as a rich source of information and is used to update the course contents.
 3. The students are the target and their proactive participation is essential and hence are motivated to be focused.
- The delivery medium;
 - a. “Chalk-and- Talk” method
 - b. Digital projectors (LCD) and power point slides
- Lecture session lasts for 50 minutes to an hour and practical sessions 2 to 3 hours.
- At the end of the semester feedback is taken to check the extent to which course delivery was effective.

34. Participation in Institutional Social Responsibility (ISR) and Extension activities

Social responsibility is taken care by the NSS headed by Dr. Arshad Pasha. A detailed report is enclosed in the **Annexure 4**.

35. SWOC analysis of the Department and Future plans

Strengths

- Qualified, experienced, stable, committed and student-considerate faculty.
- Modern laboratories with latest equipments, legal software packages.
- Students from all parts of the country leading to a cosmopolitan and progressive culture.
- Good Professional ethics among staff and students.
- Active Alumni Association with several alumni in executive positions.
- PG programs and Research program under VTU.
- Constant upgradation through workshops to implement best practices.
- Healthy relation between faculty and student community.
- Appropriate student-Teacher ratio.

Weaknesses

- Lack of exposure to the outside world.
- Less involvement in R&D activities.
- Lack of initiative from some staff in technical and other activities.
- Insufficient Doctorates in the Department.
- Reduced amount of Inter-Disciplinary activities.

Opportunities

- Possibility of offering electives in the emerging areas in collaboration with industries.
- Leveraging the strong links with distinguished alumni to increase the engagements with industry for development projects, consultancy works etc.
- Concerted efforts to be made to improve Placements in the core domain.
- MOU's with more industries.
- Mentoring process to be strengthened.
- Additional coaching in applied mathematics to achieve better results.

Challenges:

- Migration of faculty after acquiring higher qualification.
- Decreasing availability of dedicated and quality faculty with zeal for teaching.
- Degradation in moral values of students

COMPUTER SCIENCE AND ENGINEERING DEPARTMENT

- 1. Name of the Department:** Computer Science and Engineering Department
- 2. Year of Establishment:** 1997-98
- 3. Names of Programs / Courses offered (UG, PG, M.Phil., PhD., Integrated Masters; Integrated PhD., etc.)**

The following programs are offered in the CSE Engineering Department.

Sl. No	Name of the Program	Establishment Year & Approval Letter	Academic Year	Intake
1.	Degree: Bachelor Degree in Engineering Discipline: Computer science and Engineering	F-770-53-228/ET/96,Dated 04/ 08/ 1997 F.No.South-West/1-1419482932/2013/EOA, dated:19.03.2013	1997-98	45
		AICTE Approval letter 770-53-228(E)/ / ET/ 96 Dated 25/ 9/ 2000	2000-01	60
		AICTE Approval letter 770-53-228(E)/ ET/96 Dated 12/7/2001	2001-02	90
		F.No.: South-West/ 1-736732742/ 2012/ EOA Date 10/ 05/ 2012	2012-13	120
2.	Degree: M.Tech Discipline: CSE	F.No. South-West / 1-736732742/ 2012/ EQA, Dated 10/ 05/ 12	2012-13	18
3.	Ph. D in CSE	Ref: VTU/ Aca-Res-Cen/ 2014-15/ 2863 Date: 04/ 07/ 14	2014-15	-

4. Names of Interdisciplinary courses and the Departments/ units involved

The list of interdisciplinary courses which are common to various Departments is mentioned in the table below:

Sl No	Sem	Course code	Course Title	Department
1	I/ II/ III/ IV	15MAT11 ,15MAT21 14MAT31, 14MAT41	Engg Maths – 1, Engg Maths – II ,Engg Maths – III , Engg Maths – IV	MATHEMATICS
2	I/ II	15PHY12	Engg Physics	PHYSICS
3	I/ II	15CIV13	Elements of CEM	CIVIL ENGG
4	I/ II	15CCP13/ 23	CCP	CSE and ISE
5	I/ II	15EME14/ 24	Elements of Mechanical Engg	MECHANICAL ENGG
6	I/ II	15CED14/ 24	CAED	MECHANICAL ENGG
7	I/ II	15WSL16/ 26	Basic Workshop Lab	MECHANICAL ENGG
8	I/ II	15CCP16	C Programming Lab	CSE
9	I/ II	15PHYL17	Engg. Physics Lab	PHYSICS
10	I/ II	15CIP18	CIP	MBA
11	I/ II	15CHE1 2/ 22	Engineering Chemistry	CHEMISTRY
12	I/ II	15ELN15/ 25	Basic Electronics	ECE

5. Annual/ semester/ choice based credit system (program wise)

Sl. No	Degree	courses offered	System followed
1.	B.E	CSE	Semester
2.	M.Tech	CSE	Semester

6. Participation of the Department in the courses offered by other Departments

NIL

7. Courses in collaboration with other universities, industries, foreign institutions, etc.

NIL

8. Details of courses/ programs discontinued (if any) with reasons

NIL

9. Number of Teaching posts

Posts	Sanctioned	Filled
Professor	3	2
ASP	6	5
AP	20	16

10. Faculty profile with name, qualification, designation, specialization (D.Sc./ D.Litt./PhD./ M.Phil., etc.)

Sl. No	Name	Specs	Qual	Desig	No. of Yrs of exp (T+I+R)	No. of PhDs guided in 4 yrs
1.	Dr. Loganathan .R	IPC	PhD	Prof.&HOD	20	1
2.	Dr. Waseem Ahmed	ES	PhD	Prof.	14+2+8	3
3.	Mrs. Khallikkunaisa	SS	M. Sc	ASP	20	--
4.	Mrs. Bhagya K	CNE	M.Tech	ASP	15.3	--
5.	Mrs. Chandrakala HL	CNE	M.Tech	ASP	22.3+2	--
6.	Mr. NeelamMalyadri	CSE	M.Tech	ASP	11+2	--
7.	Mrs. Pushpa Mohan	CSE	M.Tech	ASP	12+11	--
8.	Mrs.Javeria Ambareen	CSE	M.Tech	AP	10.4	--
9.	Mrs. Smitha Kurian	CSE	M.Tech	AP	11+1	--
10.	Mrs. TabassumAra	CSE	M.Tech	AP	15	--
11.	Mrs. Sumathi D	CSE	M.Tech	AP	8	--
12.	Mr. Pakruddin B	CSE	M.Tech	AP	6	--
13.	Mr.AshokBabu A	CSE	M.Tech	AP	8	--
14.	Mrs. Manjula H.T	CSE	M.Tech	AP	5	--
15.	Mrs. Shahzia Siddiqua	CSE	M.Tech	AP	10+1	--
16.	Mrs. PriyaRathod	CSE	M.Tech	AP	6	--
17.	Mr. Ravi .G.H	N&IE	M.Tech	AP	3	--
18.	Mr. Sanjeev Kumar	CSE	M.Tech	AP	1	--
19.	Mr. Adeel Ahmed Khan	CSE	M.Tech	AP	4	--
20.	Mrs.Archana H	ELN	M.Tech	AP	4	--
21.	Mrs. Sunitha Sooda	CSE	M.Tech	AP	1	--
22.	Mrs. Amreen Khanum	CSE	BE	AP	5	--
23.	Mrs. Noor-E-Saba	CSE	BE	AP	4+3	--

11. List of senior visiting faculty

NIL

12. Percentage of lectures delivered and practical classes handled (program wise) by temporary faculty.

NIL

13. Student -Teacher Ratio (program wise)

Sl. No	Program	Year	No. of Students	No. of Teachers	STR
1.	UG and PG	15-16	305	23	13.26
2.		14-15	348	26	13.28
3.		13-14	344	24	14.33
4.		12-13	306	21	14.57

14. Number of academic support staff (technical) and administrative staff; sanctioned and filled:

Non-Teaching Post	Under Graduate	
	Sanctioned	Filled
Instructor & Technicians	6	5
Administrative Staff	1	0
Attenders	6	2

15. Qualifications of teaching faculty with DSc/ D.Litt/ PhD/ MPhil / PG.

Sl. No	Name	Qual	Desig
1.	Dr. Loganathan .R	PhD	Prof.
2.	Dr. Waseem Ahmed	PhD	Prof.
3.	Mrs. Khallikkunaisa	M. Sc	ASP
4.	Mrs. Bhagya K	M.Tech	ASP
5.	Mrs. Chandrakala HL	M.Tech	ASP
6.	Mr. NeelamMalyadri	M.Tech	ASP
7.	Mrs. Pushpa Mohan	M.Tech	ASP
8.	Mrs. Javeria Ambareen	M.Tech	AP
9.	Mrs. Smitha Kurian	M.Tech	AP
10.	Mrs. TabassumAra	M.Tech	AP
11.	Mrs. Sumathi D	M.Tech	AP
12.	Mr. Pakruddin B	M.Tech	AP
13.	Mr. Ashok Babu Ambedkar	M.Tech	AP
14.	Mrs. Manjula H.T	M.Tech	AP
15.	Mrs. Shahzia Siddiqua	M.Tech	AP
16.	Mrs. PriyaRathod	M.Tech	AP
17.	Mr. Ravi .G.H	M.Tech	AP
18.	Mr. Sanjeev Kumar	M.Tech	AP
19.	Mr. Adeel Ahmed Khan	M.Tech	AP
20.	Mrs. Archana Hombalimath	M.Tech	AP
21.	Mrs. Sunitha Sooda	M.Tech	AP
22.	Mrs. Amreen Khanum	BE	AP
23.	Mrs. Noor-E-Saba	BE	AP

16. Number of faculty with ongoing projects from a) National b) International funding agencies and grants received

NIL

17. Departmental projects funded by DST - FIST; UGC, DBT, ICSSR, etc. and total grants received

- Project, “Real Time Distance Estimation using GPU” by Vinit Kumar Bansal, Suhaib Javid, Azhar Liaquat under the guidance of Dr. Waseem Ahmed received DST grant of Rs 3500.00/-

- PhD Scholar Mr. Mohsin Khan obtained the travel grant of Rs. 5000/-IPDPS IEEE Symposium in Hyderabad

18. Research Centre / facility recognized by the University:

Established in the year 14-15

Two students are registered. Research center has 2 Workstations with IEEE, ASCE Journal Access

19. Publications:

- **Publication per faculty**

Name of the Staff	Number of publications	Citation Index	Impact points	h-index	i10-index
Dr. Loganathan R	10	7	0.38		
Dr. Waseem Ahmed	31	74	0.69	5	2
Pushpa Mohana	1	-	-	-	-
Neelam Malyadri	3	-	-	-	-
Khallikunnaisa	1	-	-	-	-
Adeel Ahmed Khan	2	-	-	-	-
Tabassum Ara	2	-	-	-	-
Javeria Ambareen	2	-	-	-	-
Sunitha Sooda	2	-	-	-	-
Archana Hombalimath	2	-	-	-	-
Smitha Kurian	1	-	-	-	-
Sumathi D	1	-	-	-	-
Amreen Khanam	1	-	-	-	-
Manjula H T	1	-	-	-	-

- **Number of papers published in peer reviewed journals (national/ international) by faculty and students**

NIL

- **Number of publications listed in International Database (For Eg: Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, etc.), Monographs, Chapter in Books, Books Edited, Books with ISBN/ ISSN numbers with details of publishers, SNIP, SJR**

NIL

20. Areas of consultancy and income generated :

NIL

21. Faculty as members in a) National committees b) International Committees c) Editorial Boards

ISCTE = 23 members

CSI= 2 members

22. Student projects

- a) **Percentage of students who have done in-house projects including inter Departmental/ program: 100%**
 b) **Percentage of students placed for projects in organizations outside the institution i.e.in Research laboratories/ Industry/ other agencies: 0%**

23. Awards / Recognitions received by faculty and students :NIL

24. List of eminent academicians and scientists / visitors to the Department :NIL

25. Seminars/ Conferences/ Workshops organized & the source of funding

- a) **National : NIL**
 b) **International :NIL**

26. Student profile program/ course wise: *M = Male *F = Female

Name of the Program	year	Enrolled	
		*M %	*F%
BE in CSE	12-13	47	53
	13-14	60	40
	14-15	54	46

27. Diversity of Students

Name of the Course	Year	% of students from the state	% of students from other States	% of students from abroad
BE CSE	12-13	84	16	0
	13-14	82	18	0
	14-15	82	17	1

28. How many students have cleared national and state competitive examinations such as NET, SLET, GATE, Civil services, Defense services, etc.?

NIL

29. Student progression

Student progression		% enrolled 13-14
UG to PG		6
PG to M. Phil.		--
PG to PhD.		--
PhD. to Post-Doctoral		--
Employed	Campus selection	5
	Other than campus recruitment	20
	Entrepreneurship/ Self-employment	--

30. Details of Infrastructural facilities**a) Library:**

Library Books	Others
517 Books	It also has NPTEL Material are maintained, Previous project thesis and seminar reports, Previous years VTU question papers, Syllabus copies, Departmental Newsletters and Magazines and Lab Manuals.







b) Internet facilities for Staff & Students:

Name of the Internet Provider	ACT
Available Bandwidth	20 Mbps
Access Speed	256 Kbps
Availability of internet in an exclusive lab	Yes, the entire campus is Wi-Fi connected
Availability in most computing labs	Yes
Availability in Departments, faculty rooms	Yes
Institute's own e-mail facility to faculty/ students	Provided to faculty & students@hkbkeducation.org
Security/ Privacy to Email/ Internet users	Sonic Wall security provided

c) Class rooms with ICT facility

Class Room	Size Sq.m	Conditions of chairs/benches	Air circulation & Acoustics	Lighting	Exit	Ambiance	Other Amenities
A101	90	Good	Good	Good	1	Good	LCD Projectors (Fixed)
A102							
A103							
A104							
A105							
A106							

d) Laboratories:

		
CG&V/SS&OS Lab	USP & CD/DBA Lab	DS/Algorithms Lab
		
EC&LD/MP Lab	Networks Lab	WP/Project Lab

Sl. No	Name of Lab	Quantity in Number	Capacity Space Sqm.
1.	Systems Software and Operating system Lab	01	105.4sqm, 25
	Computer Graphics and Visualization Lab		
2.	Database Applications Lab	01	102sqm,25
	USP and CD Lab		
3.	Data Structures Lab.	01	105.4sqm, 25
	Algorithms Laboratory		
4.	Electronic Circuits & Logic Design Lab.	01	105.4sqm,25
	Microprocessors Lab.		
5.	Networks Laboratory	01	55.2sqm,25
6.	Web Programming Laboratory	01	42 sqm, 25
	Project Work		

31. Number of students receiving financial assistance from college, university, government or other agencies.

50%

32. Details on student enrichment programs (special lectures / workshops seminar) with external experts.

Name of the Professional Societies and activities / events organized	Details/ Resource Person
“Android Application Development” 07/ 09/ 13	Mr. Vishal Vijay S\W Engineer Kode Blink Tech App LLP, Mr. Yajnesh. ASE and Mr. Jickson P, ASE, TechJini Solutions Pvt. Ltd
“SAP” by Astrid solutions on 19/ 9/ 13	Sanal Kumar SAP Trainer
“Second State Level CSI Technical Symposium – OVERLOAD “ 26/ 10/ 13	Dr Subrata Chattopadhyay Associate Director and Head, OGG & IG, Ms. Mangala, Scientist-E, CDAC Bangalore
Byte Struck’13	Dr. Waseem Ahmed, CSE
“CSI student chapter” 25/ 08/ 12	Mr Vishwas Bondade, Chairman, CSI Bangalore Chapter & Ms. Padmashree, IBM
“Object Oriented Modeling & Design using UML”, 20/ 10/ 12	Dr. Sunitha SIT Tumkur
“ Ethical Hacking “ 28/ 02/ 13	Indiacan education Pvt. Ltd.
“Redhat Linux and Virtualization, 3/ 04/ 13	Redhat Academy
“Android Application Development”, 25/ 03/ 13	CSI/ Tharitech Network solutions
“Industry Practice in Software Testing, IIBC B’luru, 27/ 04/ 12	Mr. Santhosh T Corporate trainer Indian Institue of Bright Careers

33. Teaching methods adopted to improve student learning

- Classroom teaching/ lecture and discussions / Q&A sessions
 1. The learning material is generally text and reference books prescribed by VTU.
 2. The internet usage is steadily increasing as a rich source of information and is used to update the course contents.
 3. The students are the target and their proactive participation is essential and hence are motivated to be focused.
- The delivery medium;
 - a. “Chalk-and- Talk” method
 - b. Digital projectors (LCD) and power point slides
- Lecture session lasts for 50 minutes to an hour and practical sessions 2 to 3 hours.
- At the end of the semester feedback is taken to check the extent to which course delivery was effective.

34. Participation in Institutional Social Responsibility (ISR) and Extension activities:

Social responsibility is taken care by the NSS headed by Dr. Arshad Pasha.
A detailed report is enclosed in the **Annexure 4**.

35. SWOC analysis of the Department and Future plans

STRENGTHS

- Experienced staff with different areas of expertise. Staff are also easy approachable with flexible consultation hours.
- Regular workshops/ seminars organized for both staff and students on state-of the art technologies and tools. Additionally, regular short-term programs on specific technologies conducted by various technical institutes help keep our knowledge current
- Membership of professional bodies strongly encouraged. Active CSI chapter in the Department with regular state-level events being organized
- High retention rate of faculty
 - Technical (non-teaching), administrative and support staff are professionally qualified

WEAKNESSES

- Obtaining good results and placements are directly influenced by the quality of student intake.
- Inter-disciplinary research could be improved
- Better recognition and reward by management for research would further increase publications and research contributions from staff
- Higher average starting salaries of students could be aimed for.

OPPORTUNITIES

- Research grants available from various government agencies like DRDO, DST, VGST, etc.
- Availability of industry-institute partnerships
- Good career opportunities for students
- Opportunity to offer various M.Tech programs in CSE and interdisciplinary fields to meet societal requirements in agricultural, health and sports sectors.

- Excellent opportunities for interdisciplinary research.

CHALLENGES

- Attractive pay packages offered by MNCs to the undergraduate students immediately after graduation, thereby reducing the availability of meritorious and good students for higher studies and research.
- Global recession may have an impact on the higher technical education as NRI and foreign admissions under management quota will be affected
- Availability of competent faculty will become a challenge. Intense national competition for faculty with PhDs

INFORMATION SCIENCE AND ENGINEERING

- 1. Name of the Department:** Information Science and Engineering
- 2. Year of Establishment:** 04/08/1997
- 3. Names of Programs/ Courses offered (UG, PG, M.Phil., PhD., Integrated Masters; Integrated PhD., etc.):**

The following programs are offered in the Information Science and Engineering Department.

Sl. No	Name of the Program	Establishment Year & Approval Letter	Academic Year	Intake
1.	Degree: Bachelor Degree in Engineering Discipline: ISE	1997, AICTE Approval letter 770-53-228/ET/96 Dated 04/08/1997	1997-98	60

4. Name of Interdisciplinary courses and Departments involved:

The list of interdisciplinary courses which are common to various Departments is mentioned in the table below:

Sl.No	Semester	Course code	Course Title	Department
1	I/ II/ III/ IV	15MAT11 15MAT21 14MAT31 14MAT41	Engineering Mathematics – I Engineering Mathematics – II Engineering Mathematics – III Engineering Mathematics – IV	Maths
2	I/ II	15PHY12	Engineering Physics	Physics
3	I/ II	15CIV13	Elements of Civil Engg. & Engineering	Civil Engineering
4	I/ II	15CCP13/ 23	Computer concepts & C Programming	ISE / CSE
5		15EME14/ 24	Elements of Mechanical Engineering	ME
6	I/ II	15CED14/ 24	Computer Aided Engineering Drawing	ME
7	I/ II	15WSL16/ 26	Basic Workshop Lab	ME
8	I/ II	15CCP16	C Programming Lab	ISE / CSE
9	I/ II	15PHYL17	Engg. Physics Lab	Physics
10	I/ II	15CIP18	Constitution of India & Professional Ethics	MBA
11	I/ II	15CHE1 2/ 22	Engineering Chemistry	Chemistry
12	I/ II	15ELN15/ 25	Basic Electronics	E&CE

5. Annual/ semester/ choice based credit system (program wise)

The UG and PG Programs follow the Visvesvaraya Technological University (VTU) guidelines with percentage based semester system.

Sl. No	Degree	courses offered	System followed
1.	B.E	ISE	Semester

6. Participation of the Department in the courses offered by other Departments:

NIL

7. Courses in collaboration with other universities, industries, foreign institutions, etc:

NIL

8. Details of courses/ programs discontinued (if any) with reasons :

NIL

9. Number of Teaching posts sanctioned and filled (Professors/ Associate Professors/ Asst. Professors).

The Department of ISE has experienced faculty and the statistics of teaching posts sanctioned and filled is as mentioned in the table below:

Teaching Post	UG	
	Sanctioned	Filled
Professors	01	02
ASP	03	02
AP	08	05

10. Faculty profile with name, qualification, designation, specialization D.Sc. / D.Litt. / PhD. / M.Phil., etc.)

Faculty profile is as mentioned in the table below:

Sl. No	Name	Specs	Qual	Desig	No. of Years of exp
1.	Prof A. Syed Mustafa	CSE	M.Tech.	Prof. & Head	15
2	Dr. Rajshekhar M Patil	CSE	PhD	Prof	20
3	Mrs. Savithri Ramesh	CSE	M.Tech	ASP	16
4	Mr. Asghar Pasha	CN	M.Tech.	ASP	17
5	Mrs.Heena Kouser	DM	M.Tech,	AP	11
6	Mrs.Fathima Kouser	CSE	M.Tech.	AP	11
7	Mr. Md Mujeerulla	CSE	M.Tech.	AP	6
8	Ms.Aaisha Sultana	ISE	B.E.	AP	5
9	Mrs. Bhagyalekshmy P	SE	M.Tech	AP	5

11. List of senior visiting faculty:

NIL

12. Percentage of lectures delivered and practical classes handled- (program wise) by Temporary faculty:

NIL

13. Student Teacher Ratio (Program-wise):

Student Teacher ratio Program wise has been mentioned in the table below:

Sl. No	Program	Year	No. of students	No. of teachers	STR
1.	B.E (ISE)	14-15	113	13	8.7
2.		13-14	121	12	10.1
3.		12-13	126	12	10.5
4.		11-12	146	12	12.17
5.		10-11	158	12	13.17

14. Number of academic support staff (Technical) and administrative staff sanctioned and filled.

The below given table gives the cadre wise structure of academic support:

Non-Teaching Post	Under Graduate	
	Sanctioned	Filled
Instructor /Technician	06	02
Administrative Staff	01	00
Attenders	06	02

15. Qualifications of teaching faculty with DSc/ D.Litt/ PhD/ MPhil/ PG.**No of Faculties with PhD= 01****No of Faculties with PG = 07**

Name	Qualification
Prof A. Syed Mustafa	M.E, (PhD)
Dr. Rajshekhar M Patil	PhD
Mrs. Savithri Ramesh	M.Tech
Mr. Asghar Pasha	M.Tech
Mrs.Heena Kouser	M.Tech(PhD)
Mrs.Fathima Kouser	M.Tech
Mr. Md Mujeerulla	M.Tech
Ms.Aesha Sultana	B.E (M.Tech)
Mrs. Bhagyalekshmy pushparajan	M.Tech

16. Number of faculty with ongoing projects from**a) National: NIL****b) International funding: NIL**

17. Departmental projects funded by DST-FIST; DBT, ICSSR, etc. and total grants received.

Sl. No	Project Title	N / I	Agency	PI	Year	Amt sanctioned
1	Boards	N	VGST	Prof. Niranjana R C	14-15	30,000/-

18. Research Centre / facility recognized by the University:

VTU, recognized Research Center

19. Publications:

Year	Publications			Total
	Conference		Journals	
	National	International		
12-13	00	02	00	02
13-14	01	01	00	02
14-15	00	02	00	02
Total				06

- Monographs, Chapter(s) in Books, Books with ISBN numbers with details of publishers, Number listed in International Database (For e.g. Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, etc.), Citation Index – range/ average, SNIP, SJR, Impact factor– range / average, h-index : NIL

20. Areas of consultancy and income generated

NIL

21. Faculty as members in

National committees, International Committees, Editorial Boards : NIL

22. Student Projects

- a) Percentage of students who have done in-house projects including inter Departmental/ program: 80%
- b) Percentage of students placed for projects in organizations outside the institution i.e. in research laboratories/ Industry/ other agencies: 20%

23. Awards/ Recognitions received by faculty and students

NIL

24. List of eminent academicians and scientists / visitors to the Department.

1. Dr. Srinath
2. Dr. K G Srinivas
3. Mr. Anoop Singh
4. Mrs. Sahana Kumaraswamy
5. Ms. Jacqui McCary
6. Mr. Syed Khadeer Ahmed
7. Mrs Roli Srivatsava
8. Ms. Varada N.P
9. Mr. Aman Varshney
10. Dr. Mydhili K. Nair

25. Seminars/ Conferences/ Workshops organized & the source of funding**a) National:**

No.	Activity	Year	Banner	Resource Person Details
1.	Multi Core Programming	11-12	HKBKCE	Dr. N.K. Srinath
2.	Cloud Computing & Application	12-13	VTU	Dr K.G Srinivas, Mr.Ashok Kumar, Mr. Sethu Raman
3.	Pattern Classification using Support Vector Machines	12-13	HKBKCE	Dr. M. Arun Kumar
4.	PHP: A Technology to ramp up students Career	12-13	NIIT	Mr. Prasant Kumar
5.	Android Application Development	13-14	Tharitech N/w Solns	Mr. Shahid & Ms. Sunita
6.	Windows 8	13-14	HKBKCE	Mr. Biswajeet
7.	Networking	13-14	NIIT	Mr. Raman
8.	Industry Practices in Software Testing	13-14	IIBC	Mr. Santosh T
9.	Higher education in India and abroad	13-14	HKBKCE	Ms. Jacqui McCary
10.	Advanced Java	13-14	HKBKCE	Mr. Syed Khadeer Ahmed
11.	Unix System Programming	13-14	HKBKCE	Mrs Roli Srivatsava
12.	Career opportunities in Animation	13-14	HKBKCE	Experts from DSK Supinfocom
13.	Struts and Hibernate	13-14	HKBKCE	1. Ms. Varada N.P 2. Mr. Aman Varshney
14.	Mobile agents	14-15	HKBKCE	Dr. Mydhili K. Nair
15.	Cloud testing	14-15	HKBKCE	Ms. Namratha Chakarabarty
16.	Professional English	14-15	HKBKCE	Michael Benjamin
17.	Higher Education Abroad	14-15	HKBKCE	Mr. Ajaz Ahmed
18.	Cracking programming interview	14-15	HKBKCE	Mr. Subash K.U

b) International: NIL

26. Student profile program/ course wise: *M = Male *F = Female

Name of the Program	Year	Enrolled	
		*M %	*F%
BE –ISE	12-13	39	61
	13-14	33	67
	14-15	66	34

27. Diversity of Students

Name of the Course	Academic Year	% of students from State	% of students from other States	% of students from other countries
ISE	14-15	95	5	0
	13-14	92	3	5
	12-13	92	8	0

28. How many students have cleared national and state competitive examinations such as NET, SLET, GATE, Civil services, Defense services, etc. ?

NIL

29. Student progression

Student progression		Percentage against enrolled				
UG to PG		30 %				
PG to M.Phil & PG to PhD.		-				
PhD. to Post-Doctoral		-				
Employed	Year	14-15	13-14	12-13	11-12	10-11
	Campus selection	14	06	09	06	21
	Off campus recruitment	20	34	33	51	41
	Entrepreneurs	NIL	NIL	NIL	NIL	NIL

30. Details of Infrastructural facilities**a)Library**

Numbers available in the Department Library	
Library Books	Others
587 nos.	UG Project thesis reports, Lab Records student seminar reports. IEEE magazines, CSI Magazines



b) Internet facilities for Staff & Students



Name of the internet Provider	ACT
Available Bandwidth	20 Mbps
Access Speed	256 Kbps
Availability of internet in an exclusive lab	Yes, the entire campus is Wi-Fi connected
Availability in most computing labs	Yes
Availability in Departments, faculty rooms	Yes
Institute's own e-mail facility to faculty/ students	Provided to faculty & students@hbkbeducation.org
Security/ Privacy to Email/ Internet users	Sonic Wall security provided


c) Class rooms with ICT facility

Class room	Size in sq mt	Conditions of benches	Air circulation & Acoustics	Lighting	Exit	Ambiance	Other amenities
A301	105	Good	Good	Good	1	Good	LCD Projectors (Fixed)
A302	105						
F 301	60						

d) Laboratories:

Sl. No	Name of Lab	Quantity in Number	Capacity Space Sqm.
1.	Computer Labs	06	600

	
Software Testing Lab	PW Lab

	
System Software Lab	EC/LD Lab
	
File Structures Lab	Microprocessor Lab

31. Number of students receiving financial assistance from college, university:

50%

32.Details on student enrichment programs (special lectures/ workshops/ seminar) with external experts

Activities Conducted by the Department of ISE

Year	Topic	Category(SDP/ Workshop/ Seminar/ etc)
14-15	“Business Analytics”, HKBKCE, 1/10/14	Seminar
	Higher Education Abroad	
	Networking and Ethical Hacking	SDP
	Iterate’ 14	Symposium
13-14	CSI, CloudTesting, Mrs. Namrata Chakrabarty, WIPRO Ltd, Bangalore	SDP
	mobile agents	Seminar
	Professional English	
	Higher Education Abroad	
	Cracking the programming interview	
12-13	“PHP: A Technology to Romp up a Students Career”, HKBKCE Sep 14, 12	SDP
	CSI, Android Application Development, Mr. Shahid, Technical Head.K, Ms. Anita Devi, Lead- Human Resource Management & Business Development, Ms. Suneeta Devi, Tharitech Network Solutions, Bangalore	
	“Overview of .Net Technology,” 17/09/2012	
	Infosys Road Show, 17/09 /12	Seminar
	Windows 8	
	“Networking,” HKBKCE, Aug 14, 12.	SDP
	“Pattern classification using Support vector Machines”, HKBKCE 17/03/ 12	
	Industry Practices in Software Testing	Seminar
	Higher education in India and abroad	
	Advanced Java	Workshop
	Unix System Programming	SDP
	Career opportunities in Animation	Seminar
	Struts and Hibernate	SDP

33. Teaching methods adopted to improve student learning

- Classroom teaching/ lecture and discussions / Q&A sessions
 1. The learning material is generally text and reference books prescribed by VTU.
 2. The internet usage is steadily increasing as a rich source of information and is used to update the course contents.
 3. The students are the target and their proactive participation is essential and hence are motivated to be focused.
- The delivery medium;

- a. “Chalk-and- Talk” method
- b. Digital projectors (LCD) and power point slides
- Lecture session lasts for 50 minutes to an hour and practical sessions 2 to 3 hours.
- At the end of the semester feedback is taken to check the extent to which course delivery was effective.

34.Participation in Institutional Social Responsibility (ISR) and Extension activities

Social responsibility is taken care by the NSS headed by Dr. Arshad Pasha. A detailed report is enclosed in the **Annexure 4**.

35. SWOC analysis of the Department and Future plans

Strengths:

- Our Program is Accredited by NBA.
- Highly committed, competent and well qualified Senior Faculties with High retention rate.
- Strong Teaching-Learning Process. More emphasis on learning in the teaching learning process with teachers as facilitators and student-centered teaching and learning.
- One Professor with PhD and two are pursuing PhD, All Faculties are Masters Degree holders. Teachers are encouraged to pursue Research. They are regular contributors of research publications
- Apart from Central library Faculties and students also have access to Department Library.
- The Program is equipped with state of the art Seminar Hall and class rooms. Adequate laboratory infrastructure to run the program, WI-FI enabled Campus.
- All class rooms equipped with projectors and the state of the art audio visual amenities.
- Students performance and attendance is communicated to Parents via SMS or post
- Technical, administrative and support staff are professionally qualified and computer savvy.
- Campus recruitment and soft skill training to the students through Placement Cell facilities.
- Placement for some students by direct appointment immediately prior to and after completion of the course.
- Prevalence of Open environment, teachers counseling via structured students’ mentorship program [1 teacher per 10 students].
- Remedial classed for weak students.
- Student’s participation in research is Encouraged.

Weaknesses:

- Providing additional power back up.
- Sponsored research from industry needs and demand driven UG program to be promoted.
- Industry based planning, training and development of research facility is also required. Innovations and creativity needs to be encouraged.
- IPR and outside world interactions are less.

Opportunities:

- Taking part in the Industry-Institute partnership, to fill the gap between Industry and Academia.
- Boost weak Students performance through constant guidance and encouragement.
- An opportunity to augment M.Tech and interdisciplinary research to meet societal requirements.

Challenges:

- Attractive pay packages offered by MNC to the students immediately after graduation, thereby reducing the availability of students for higher studies and Research.
- Availability of competent faculty for elective course is now a Challenge.
- Sudden growth of technical education with no corresponding change in school education. The quality of students taking admission into engineering colleges is an issue.
- The curriculum of undergraduate programs does not keep pace with the ever changing technology and Industry needs.
- Global recession if any may have an impact on the higher technical education.

MECHANICAL ENGINEERING DEPARTMENT

1. Name of the Department: Mechanical Engineering Department

2. Year of Establishment: 1997-98

3. Names of Programs/ Courses offered (UG, PG, M.Phil., PhD., Integrated Masters; Integrated PhD., etc.)

Sl. No	Name of the Program	Est. Year & Approval Letter	Academic Yr	Intake
1.	Degree: Bachelor Degree in Engg Discipline: ME	97AICTE Approval letter 770-63-228/ET/ 96	97-98	45
		AICTE Approval letter 770-53-228(E)/ET/ 96	02-03	90
		F.No: South-West/ 1-401611551/ 11/ EQA	11-12	120
2.	Degree: Master of Technology Discipline: Thermal Engg	F.No. South-West / 1-736732742/ 12/ EQA 10/ 05/ 12	12-13	18
		F.No. South-West / 1-2016594398/ 14/ EQA	14-15	18

4. Names of Interdisciplinary courses and the Departments/ units involved :

The list of interdisciplinary courses which are common to various Departments are mentioned in the table below:

Sl. No	Sem	Course code	Course Title	Department
1	I/ II/ III/ IV	15MAT11, MAT 21, 14 MAT31, MAT41	Engg Maths – 1, Engg Maths – II, Engg Maths – III, Engg Maths – IV	Maths
2	I/ II	15PHY12	Engineering Physics	Physics
3	I/ II	15CIV13	Elements of Civil Engg. & Engg Mechanics	CV
4	I/ II	15CCP13/ 23	Computer concepts & C	CSE
5	I/ II	15CCP16	C Programming Lab	CSE
6	I/ II	15PHYL17	Engg. Physics Lab	Physics
7	I/ II	15CIP18	CIP	MBA
8	I/ II	15CHE1 2/ 22	Engineering Chemistry	Chemistry
9	I/ II	15ELN15/ 25	Basic Electronics	E&CE

5. Annual/ semester/ choice based credit system (program wise) Semester system

Sl. No	Degree	courses offered	System followed
1.	B.E	ME	Semester

6. Participation of the Department in the courses offered by other Departments:

NIL

7. Courses in collaboration with other universities, industries, foreign institutions etc.

NIL

8. Details of courses/ programs discontinued (if any) with reasons.

NIL

9. Number of Teaching posts.

Posts	Sanctioned	Filled
Professor	2	2
ASP	6	4
AP	21	14

10. Faculty profile with name, qualification, designation, specialization, (D.Sc./ D.Litt. / PhD. / M. Phil. etc.,)

Name	Qual	Desig	Specs	Yrs of exp
Dr.MuzzamilAhamed.S	PhD	Prof & HOD	Manufacturing	28
Prof T.M TajuddinY	M.E	Prof.	Design	29
AzeezullaBaig	M.E	ASP	Design	28
K.S Abdul Aleem	M.E	ASP	Metal Casting	32
Sundaresh	ME	ASP	Prodn Management	26
Mohd Zakaulla	M.Tech	AP	Prodn Management	9
Abdul Mujeeb. N	M.B.A	AP	Mkting Mgnt	18
Mahaboob Tabriz B	M.Tech	AP	Design	08
Salim Sharieff	M.E	AP	Design	1
Sathisha G.P	M.Tech	AP	Thermal	1
Nadeem Pasha.K	M.Tech	AP	PDM	2
Vijaya Kumar N.J	M.Tech	AP	Thermal	1
Kishan Kumar	M.Tech	AP	Thermal	02
AmriyaTasneem	M.Tech	AP	Robotics	03
Thara .R	M.Tech	AP	Thermal	-
Muzakkir Ahamed K	M.Tech	AP	Advanced Materials	3
Munindra CV	M.Tech	AP	Thermal	1
Pavan Kumar D	M.Tech	AP	PDM	3
Izhar Hussain Khan	M.Tech	AP	Aerospace	1
Arjun. R	M.E	AP	Advanced Materials	3

11. List of senior visiting faculty

NIL

12. Percentage of lectures delivered and practical classes handled (program wise) by temporary faculty.

NIL

13.Student -Teacher Ratio (program wise)

Sl.No	program	Year	No. of Students	No. of Teachers	STR
1.	PG	15-16	288	20	14.4
2.		14-15	351	23	15.26
3.		13-14	321	18	17.83
4.		12-13	318	20	15.90

14.Number of academic support staff (technical) and administrative staff sanctioned and filled:

Non Teaching Post	Under Graduate	
	Sanctioned	Filled
Instructor & Technicians	10	05
Administrative Staff	01	00
Attenders	06	06

15.Qualifications of teaching faculty with DSc/ D.Litt/ PhD/ MPhil / PG.

Sl. No	Name	Qual	Desig
1.	Dr. Muzzamil Ahamed.S	PhD	Prof & HOD
2.	Prof T.M Tajuddin Yezdani	M.E	Prof.
3.	Azeezulla Baig	M.E	ASP
4.	K.S Abdul Aleem	M.E	ASP
5.	Sundaresh	ME	ASP
6.	Mohd Zakaulla	M.Tech	ASP
7.	Abdul Mujeeb. N	M.B.A	AP
8.	Mahaboob Tabriz B	M.Tech	AP
9.	Salim Sharieff	M.E	AP
10.	Sathisha G.P	M.Tech	AP
11.	Nadeem Pasha.K	M.Tech	AP
12.	Vijaya Kumar N.J	M.Tech	AP
13.	KIshan Kumar	M.Tech	AP
14.	AmriyaTasneem	M.Tech	AP
15.	Thara .R	M.Tech	AP
16.	MuzakkirAHamed Khan	M.Tech	AP
17.	Munindra CV	M.Tech	AP
18.	Pavan Kumar D	M.Tech	AP
19	Izhar Hussain Khan	M.Tech	AP
20	Arjun. R	M.E	AP

16. Number of faculty with ongoing projects from a) National b) International funding agencies and grants received

NIL

17. Departmental projects funded by DST - FIST; UGC, DBT, ICSSR, etc. and total Grants received

Total grants received VGST – 20 Lakh for 12-13 & 13-14

18. Research Centre / facility recognized by the University:

VTU, Recognized Research Centre.

19. Publications:

• **Publication per faculty**

Name of the Staff	No of publications
Dr. MuzzamilAhamed.S	04
Dr.J.Fazlur Rahman	07
Dr. Mohammed Yunus	01
EzhilVannan	18
Bharat. V	06
Mohd. Zakaulla	09
Mohd Asadullah	01
Mohd Irfan	01
Syed Basith M	02

- **Number of publications listed in International Database (For Eg: Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, etc.), Monographs, Chapter in Books, Books Edited, Books with ISBN/ ISSN numbers with details of publishers, Citation Index, SNIP, SJR, Impact factor, h-index**

NIL

20. Areas of consultancy and income generated :

NIL

21. Faculty as members in

- a) National committees b) International Committees c) Editorial Boards

NIL

22. Student projects

1. **Percentage of students who have done in-house projects including inter Departmental/ program: 80%**
- 2 **Percentage of students placed for projects in organizations outside the institution i.e.in Research laboratories/ Industry/ other agencies: 20%**

23. Awards / Recognitions received by faculty and students :

Best presentation award - Research retreat, Jain University, 2012

24. List of eminent academicians and scientists/ visitors to the Department.

Dr. Venkateshwarulu Scientist in NAL
Dr. Martin Jebaraj, Head R&D, BMSCE, Bangalore

25. Seminars/ Conferences/ Workshops organized & the source of funding**a) National**

Course/ lab Module Description	Any other contributory Inst./ ndustry	Durati on	Resource Persons	Target Audience	Usage and citation etc.
AutoCAD	CADD Center	72 Hrs	V. Bharat	UG Students	To enrich employment skills
CATIA		72 Hrs			
GD&T		15 Hrs			
Industrial Application of Shock waves	Amrita School of Engineering	3 Hrs	Dr.S.R.Nagaraja & Dr.Muzzamil Ahmed		To understand the appln of shock waves & Nano Technology
Nano Technology	AIT.	3 Hrs	Dr.Martin & Dr.MuzzamilAhmed		
Recent advances in Material sciences for aerospace applns	NAL	3 Hrs	Dr.K.Venkateswarlu and Dr.Muzzamil Ahamed .S		Application in aerospace.
AutoCAD	CADD Center	72 Hrs	ParthaSarthy	UG Students	To enrich employment skills
CATIA		72 Hrs			
GD&T		15 Hrs			
AutoCAD	CADD Center	72 Hrs	ParthaSarthy		To enrich employment skills
CATIA	CADD Center	72 Hrs			
GD&T	CADD Center	15 Hrs			
Solid Works	INFO DOF	75 Hrs	Abhinay		To enrich employment skills
Hypermesh	INFO DOF	75 Hrs	Abhinay		
NX Nastran	INFO DOF	100 Hrs	Abhinay	UG Students	

b) International

NIL

26. Student profile program/ course wise: *M=Male, *F=Female

Name of the Program	year	Enrolled	
		*M %	*F%
BE in ME	12-13	100	00
	13-14	100	00
	14-15	98	02

27. Diversity of Students

Name of the program	YEAR	% students from the state	% students from other States	% of students from abroad
BE ME	12-13	73	27	0
	13-14	78	22	0
	14-15	76	24	0

28. How many students have cleared national and state competitive examinations such as NET, SLET, GATE, Civil services, Defense services, etc.

NIL

29. Student progression

Student progression		% enrolled
UG to PG		3.5
PG to M. Phil.		-
PG to PhD.		-
PhD. to Post-Doctoral		-
Employed	Campus selection	05
	Other than campus recruitment	08
	Entrepreneurship/ Self-employment	-

30. Details of Infrastructural facilities**a) Library:**

Department library is equipped with 600 Books. It has NPTEL Material, Previous project **thesis**, seminar reports, previous years VTU question papers, syllabus copies, Departmental Newsletters, Magazines and Lab Manuals.

b) Internet facilities for Staff & Students:

Name of the Internet Provider	ACT
Available Bandwidth	20 Mbps
Access Speed	256 Kbps
Availability of internet in an exclusive lab	Yes, the entire campus is Wi-Fi connected
Availability in most computing labs	Yes
Availability in Departments, faculty rooms	Yes
Institute's own e-mail facility to faculty/ students	Provided to faculty & students@hbkbeducation.org
Security/ Privacy to Email/ Internet users	Sonic Wall security provided

c) Class rooms with ICT facility

Department has 06 class rooms with good acoustics.

d) Laboratories:

All labs are equipped with LCD projectors and projection screen



RESEARCH AND DEVELOPMENT (R&D) CENTRE

	
<p>CAED LAB / CAMD LAB</p>	<p>BASIC WORKSHOP PRACTICE LAB</p>
	
<p>Basic Work shop Practice Lab</p>	<p>4-METALLOGRAPHY AND MATERIAL TESTING LAB</p>



FOUNDRY AND FORGING LAB

MACHINE SHOP



**MECHANICAL MEASUREMENTS
AND METROLOGY LAB**

**ENERGY CONVERSION
ENGINEERING LAB**



**FLUIDS MECHANICS AND
MACHINES LAB**



**COMPUTER AIDED MODELLING
AND ANALYSIS LAB**



HEAT AND MASS TRANSFER LAB



CIM AND AUTOMATION LAB

**DESIGN LAB**

The following table gives the different labs with areas in sq mt and capacity of the lab with number of students

Sl. No.	Lab Description in the Curriculum	Sem	Exclusive/ Shared	Area Sq.m./ capacity
1.	Work Shop Practice Lab	I / II	Exclusive	175 / 20
2.	CA Engg..Drawing Lab	I / II		253 / 70
3.	CA MC Drawing Lab	III		
4.	CA Modelling & Analysis Lab	VI		
5.	CIM Lab	VII		
6.	Metallography and MTL	III		106 / 20
7.	Foundry & Forging Lab	III		171 / 20
8.	Machine Shop	IV		341 / 20
9.	Mech Measurements & Metrology Lab	IV		140 / 20
10.	Energy Conversion Engineering Lab	V		140 / 20
11.	Fluids Mechanics and Machines Lab	V		205 / 20
12.	Heat & Mass Transfer Lab	VI		106 / 20
13.	Design Lab	VII		140 / 20

31. Number of students receiving financial assistance from college, university, government or other agencies: 50%

32. Details on student enrichment programs with external experts : NIL

33. Teaching methods adopted to improve student learning

- Classroom teaching/ lecture and discussions / Q&A sessions
 1. The learning material is generally text and reference books prescribed by VTU.

2. The internet usage is steadily increasing as a rich source of information and is used to update the course contents.
 3. The students are the target and their proactive participation is essential and hence are motivated to be focused.
- The delivery medium;
 - a. “Chalk-and- Talk” method
 - b. Digital projectors (LCD) and power point slides
 - Lecture session lasts for 50 minutes to an hour and practical sessions 2 to 3 hours.
 - At the end of the semester feedback is taken to check the extent to which course delivery was effective.

34. Participation in Institutional Social Responsibility and extension activities

Social responsibility is taken care by the NSS headed by Dr. Arshad Pasha. A detailed report is enclosed in the **Annexure 4**.

35. SWOT analysis of the Department and Future plans:

Strengths:

- Networking of institutions with R & D labs and industry
- Support from Alumni
- Role of Technology and Engineering education in national development and prosperity is widely acknowledged

Weaknesses:

- Tendency of students to select IT related courses
- Tendency of researchers to go for computer based research rather than experimental based research
- Lack of interest in our youth to pursue science careers

Opportunities:

- IT tools are available for technology based enhanced learning
- Availability of distance education for continuing education
- Networking of institutions of higher learning for mutual benefit and sharing of resources and advanced technology

Challenges:

- Competition from international players
- Non-uniform geographical distribution of Engineering colleges causing regional imbalances and leading to migration of students
- Quality of intake of the students and education to be maintained

Department of Electrical and Electronics Engineering

- 1. Name of the Department:** Electrical and Electronics Engineering
- 2. Year of Establishment:** 2002-03.
- 3. Names of Programs / Courses offered (UG, PG, M.Phil., PhD., Integrated Masters; Integrated PhD., etc.):**

The following programs are offered in the Electrical and Electronics Engineering Department.

Sl. No	Name of the Program	Establishment Year & Approval Letter	Academic Year	Intake
1.	Degree: Bachelor Degree in Engineering Discipline: EEE	F-770-53-228(E)/ ET/96, S.No. 15, Dt.05.06.02	2002-03	60
		F-770-53-228(E)/ ET/96, S.No. 34, Dt. 30.04.03	2003-04	90
		F-770-53-228(E)/ ET/ 96, Dt.05.09.2006 F No 14-1 / 2006-07 / SWRO / 3588, Dt. 02.02.06	2006-07	60
2.	Ph. D in EEE	As per VTU	12-13	-

4. Name of Interdisciplinary courses and Departments involved:

The list of interdisciplinary courses which are common to various Departments is given in the table below:

Sl. No	Semester	Course code	Course Title	Department
1	I/ II/ III/ IV	15MAT11 15MAT21 14MAT31 14MAT41	Engineering Mathematics – I Engineering Mathematics – II Engineering Mathematics – III Engineering Mathematics – IV	Mathematics
2	I/ II	15PHY12	Engineering Physics	Physics
3	I/ II	15CIV13	Elements of Civil Engg. & Engineering Mechanics	CV
4	I/ II	15CCP13/ 23	Computer concepts & C Programming	CSE
5	I/ II	15EME14/ 24	Elements of Mechanical Engineering	ME
6	I/ II	15CED14/ 24	Computer Aided Engineering Drawing	ME
7	I/ II	15WSL16/ 26	Basic Workshop Lab	ME
8	I/ II	15CCP16	C Programming Lab	CSE
9	I/ II	15PHYL17	Engg. Physics Lab	Physics
10	I/ II	15CIP18	Constitution of India & Professional Ethics	
11	I/ II	15CHE1 2/ 22	Engineering Chemistry	Chemistry
12	I/ II	15ELN15/ 25	Basic Electronics	ECE.
13	I/ II	15 EE15/ 25	Basic Electrical Engineering	EEE

5. Annual/ semester/ choice based credit system (program wise)

The UG and PG Programs follow the Visvesvaraya Technological University (VTU) guidelines with percentage based semester system.

Sl. No	Degree	courses offered	System followed
1.	B.E	EEE	Semester

6. Participation of the Department in the courses offered by other Departments:

NIL

7. Courses in collaboration with other universities, industries, foreign institutions, etc

NIL

8. Details of courses/ programs discontinued (if any) with reasons:

NIL

9. Number of Teaching posts sanctioned & filled (Professors/ Associate Professors Asst. Professors).

The Department EEE has well experienced Faculty and the statistics of teaching posts sanctioned and filled is as mentioned in the table below

Teaching Post	Under Graduate	
	Sanctioned	Filled
Professors	01	01
ASP	03	03
AP	08	05

10. Faculty profile with name, qualification, designation, specialization (D.Sc./ D.Litt./ PhD. M.Phil., etc.)

Sl No	Name	Qual	Desig	Specs	No. of Yrs of Exp
1.	Dr. A. A Powly Thomas	PhD	Prof.& Head	CS&AE	20+6R
2.	Mrs. Adila Begum	M Sc	ASP	High Voltage	11+19I
3.	Mr. Sheikh Haroon Safdar	M.E	ASP	ELN & Control	9+12I
4.	Mrs. Soni	M.E	ASP	Power System	15
5	Mr. KarthiKeyan	M.Tech	AP	CCED	10
6.	Mr. Ubaidulla	M.E	AP	PE	8
7.	Mr. Vinayshreyas K.V	M.Tech	AP	CCED	6
8.	Mrs. Malashree	M.Tech	AP	ELN	3
9.	Mrs. Gnaneshwari V	M.Tech	AP	CCED	-
10.	Mrs. DeepikaVijayan	B.E	TA	ECE	-

11. List of senior visiting faculty

NIL

12. Percentage of lectures delivered and practical classes handled- (program wise) by temporary faculty:

NIL

13. Student Teacher Ratio (Program-wise):

Student Teacher ratio is mentioned in the table below:

Sl No	Program	Year	No. of Students	No. of Teachers	STR
1.	EEE	14-15	134	11	12.18
2.		13-14	130	11	11.81
3.		12-13	150	12	13.63
4.		11-12	168	12	16.8
5.		10-11	172	12	14.33

14. Number of academic support staff (Technical) and administrative staff:

The below given table gives the cadre wise structure of academic support:

Non-Teaching Post	Under Graduate	
	Sanctioned	Filled
Instructor & Technicians	06	04
Administrative Staff	01	00
Attenders	06	02

15. Qualifications of teaching faculty with DSc/ D.Litt/ PhD/ MPhil /PG.**No of Faculties with PhD = 01****No of Faculties with PG = 09**

Sl. No	Name	Qualification
1.	Dr. A. A Powly Thomas	PhD
2.	Mrs.Adila Begum	M.Sc(Engr)
3.	Mr. Sheikh HaroonSafdar	M.E
4.	Mrs.Soni	M.E (PhD)
5.	Mr. KarthiKeyan	M.Tech
6.	Mr. Ubaidulla	M.E
7.	Mr. Vinayshreyas K.V	M.Tech
8.	Mrs.Malashree G	M.Tech
9.	Mrs.Gnaneshwari V	M.Tech

16. Number of faculty with ongoing projects from**a) National:** NIL**b) International funding:** NIL**17. Departmental projects funded by DST-FIST; DBT, ICSSR, etc. and total grants received.**

NIL

18. Research Centre / facility recognized by the University:

VTU, Recognized Research Center

19. Publications:

Year	Publications			Total
	Conference		Journals	
	National	International		
12-13	4	0	1	5
13-14	1	1	4	6
14-15	0	0	2	2
Total				13

- Publication per faculty**

Dr. A. A Powly Thomas	04
Mrs. Adila Begum	01
Mr. Sheikh HaroonSafdar	01
Mrs. Soni	01
Mr. KarthiKeyan	01
Mr. Ubaidulla	01
Mr. Vinayshreyas K.V	01
Mrs. Malashree G	04

- Number of papers published in peer reviewed journals (national / international) by faculty and students:**

NIL

- Number of publications listed in International Database (For Eg: Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, etc.), Monographs, Chapter in Books, Books Edited, Books with ISBN/ ISSN numbers with details of publishers, Citation Index, SNIP (Source Normalized Impact paper), SJR (SCI Image Journal Rack), Impact factor, H-index**

NIL

20. Areas of consultancy and income generated

NIL

21. Faculty as members in

a) National committees b) International Committees c) Editorial Boards

Dr. A .A Powly Thomas, Prof.& HOD: member of VTU BOS and BOE.

22. Student projects

a) **Percentage of students who have done in-house projects including inter Departmental/ program – 80%**

b) **Percentage of students placed for projects in organizations outside the institution i.e.in Research laboratories/ Industry/ other agencies BEL, HAL, NAL, LRDE, IISC etc. -20%**

23. Awards/ Recognitions received by faculty and students

NIL

24. List of eminent academicians and scientists/ visitors to the Department.

- Dr. M. SeetharamaBhat, Chairman, Aerospace Department, IISc
- Dr. T. Illamparithi, University of Victoria, Canada
- Dr.PremilaManohar, Prof.& HOD, EEE, MSRIT
- Dr.Babu Narayan, R & D Dept, PRDC, Bangalore
- Dr. K Natarajan, Prof. ECE, MSRIT
- Dr.Jayapal Reddy, Prof.& HOD, EEE, RVCE
- Dr.H.Naganagouda, (Director Renewable Energy, KPCL
- Dr. C. SreeshaChokkadi, Prof.& Head ICE, MIT

25. Seminars/ Conferences/ Workshops organized & the source of funding**a) National**

Sl No	Activity	Date	Banner	Resource Person Details
1.	“Advancing Higher Education Through Best Practices in Technology”	18/ 02/ 11	HKBKCE	
2.	“SAT- BOTRICKS,”	20,21/ 10/ 11	HKBKCE	Mr.Satish, SeniorRE, Robo sapiensPvt.Ltd
3.	“MSP 430 Microcontroller and its Applications”,	30/ 01/ 12	HKBKCE	Mr. SuNIL Kumar, M/ s. ALS,
4.	“Advanced Microcontroller and its Applications,”	01/ 02/ 12	HKBKCE	Mr. J. Kasinathan, M/ S. ALS
5.	“MEMS and its Applications”,	26/ 09/ 12	HKBKCE	Dr. C. SreeshaChokkadi (Prof.& Head ICE, MIT)
6.	“IEEE Student Chapter Technical Symposium,”	03/ 04/ 12	HKBKCE	Dr.Jayapal Reddy (Prof.& HOD, EEE, RVCE
7.	“MAV Control & its Applications,”	03/ 04/ 12	HKBKCE	Dr. M. SeetharamaBhat, Chairman, System Engg, IISc)
8.	“Solar Energy”,	22,23/ 02/ 13	HKBKCE	Dr.H.Naganagouda (Director , KPCL)
9.	“AUTOCAD (CAED)”	07,08,09/ 01/ 13	HKBKCE	Prof.V Keshavmurthy
10.	“ Solar Energy”	22,23/ 02/ 13	HKBKCE	Dr H.Naganagouda (KPTCL) and Mr.Elangovan, MD of NIKI Solar Pvt Ltd
11.	Introduction to Real Time Simulation in power system	26/ 02/ 14	HKBKCE	Dr. T Illamparithi, OPAL-RT Technologies Pvt Ltd.
12.	National Conference “NCE-14”	05/ 06/ 14	HKBKCE	Dr.SeetharamaBhat, Chairman, system Engg, IISc.
13.	“Issues in Robust Control	30/ 08/ 14	HKBKCE	Dr.C.SreeshaChokkadi, Prof.& HOD, ICE, MIT,
14.	“How To Access IEEE Journals”	15/ 10/ 14	HKBKCE	Mr. Dhanu P, IEEE Regional Office
15.	“HVDC Transmission an overview” technical talk	11/ 03/ 15	HKBKCE	Dr.PremalaManohar, Prof &HOD, EEE Dept. MSRIT,

b) International

NIL

26. Student profile program/ course wise: *M=Male,*F=Female

Name of the program	year	Enrolled	
		*M %	*F%
BE in EEE	12-13	65	35
	13-14	76	24
	14-15	74	26

27. Diversity of Students

Name of the program	YEAR	% of students from the state	% of students from other States	% of students from abroad
BE -EEE	12-13	85	15	0
	13-14	65	24	11
	14-15	80	20	0

28. How many students have cleared national and state competitive examinations such as NET, SLET, GATE, Civil services, Defense services, etc. ?

NIL

29. Student progression

Student progression		% enrolled
UG to PG		11
PG to M. Phil.		-
PG to PhD.		-
PhD. to Post-Doctoral		-
Employed	Campus selection	22%
	Other than campus recruitment	58%
	Entrepreneurship/ Self-employment	-

30. Details of Infrastructural facilities**a) Library**

Numbers available in the Department Library	
Library Books	Others
200 Titles 500 Volumes	U. G Project thesis reports, seminar reports. EFY magazines, IEEE Journals NPTEL Video courses, IGNOU Module Based Notes

b) Internet facilities for Staff & Students

Name of the Internet Provider	ACT
Available Bandwidth	20 Mbps
Access Speed	256 Kbps
Availability of internet in an exclusive lab	Yes, the entire campus is Wi-Fi connected
Availability in most computing labs	Yes
Availability in Departments, faculty rooms	Yes
Institute's own e-mail facility to faculty/ students	Provided to faculty & students@hkbkeducation.org
Security/ Privacy to Email/ Internet users	Sonic Wall security provided

c) Class rooms with ICT facility

Class Room	Size in sqm	Conditions of benches	Air circulation and Acoustics	Light ing	Exit	Ambi ance	Other amenities
D305	90	Good	Good	Good	1	Good	LCD Projectors (Fixed)
D003							
D004							

d) Laboratories**A E/ P.E Lab****Logic Design Lab**

**Transformer & I.M Lab****DC & Synchronous Machine Lab**

Sl. No	Name of Lab	Qty in No.	Capacity Sqm.
1.	AEC/ PE Lab	01	116
2.	DCMS/ TIM Lab	02	162/ 162
3.	Relay & HV Lab	01	99
4.	Control System/ CSM Lab	01	90
5.	Logic Design Lab / Project Lab	01	99
6.	PSS/ CAED/ UC Lab	01	99

31. Number of students receiving financial assistance from college, university.

50%

32. Details on student enrichment programs with external experts.

SL. No.	Activity	Date	Under the Banner	Resource Person Details
1.	“Renewable Energy”	08/ 08/ 12	HKBKCE.	Dr.Babu Narayanan, PRDC
2.	“MEMS and Its Application”	26/ 09/ 12	HKBKCE	Dr.K.Natarajan, Prof. ECE Dept., MSRIT
3.	“Power System Modelling and design of power system stabilizer”	26/ 04/ 13	HKBKCE	Dr.Jayapal R, Prof.&HOD, EEE, RVCE, Bangalore
4.	“ Embedded System and Robotics”	18/ 02/ 14 22/ 02/ 14	Robosapien, IIT Delhi	Dr. A APowly Thomas, Prof. & HOD EEE, and
5.	“CAED”	04-8/ 02/ 14	HKBKCE	Mr. Babhu, Technical Trainer CADD Center Bangalore
6.	“GATE REPARATION”	21/ 02/ 14	HKBKCE	GATE ACADEMY
7.	“Advance Robotics”	17,18/ 09/ 14	HKBKCE	Robogenesis
8.	“Advanced Embedded System”	26-28/ 02/ 15	Robogenesis ,	Mr. Prateek Kumar, Robogenesis Pvt Ltd
9.	“Renewable Energy & Energy Conservation for Sustainable Development”	15/ 02/ 16	HKBKCE	Dr. H Naganagouda, Director KPTCL

33. Teaching methods adopted to improve student learning

- Classroom teaching/ lecture and discussions / Q&A sessions
 1. The learning material is generally text and reference books prescribed by VTU.
 2. The internet usage is steadily increasing as a rich source of information and is used to update the course contents.
 3. The students are the target and their proactive participation is essential and hence are motivated to be focused.
- The delivery medium;
 - a. “Chalk-and- Talk” method
 - b. Digital projectors (LCD) and power point slides
- Lecture session lasts for 50 minutes to an hour and practical sessions 2 to 3 hours.
- At the end of the semester feedback is taken to check the extent to which course delivery was effective.

34.Participation in Institutional Social Responsibility (ISR) and Extension activities

Social responsibility is taken care by the NSS headed by Dr. Arshad Pasha. A detailed report is enclosed in the **Annexure 4**.

35. SWOC analysis of the Department and Future plans

Strengths

- Competent faculties with vast area of specialization like power systems. Power electronics, control systems, industrial drives, electronics, high voltage.
- Well equipped laboratories.
- Well equipped class rooms with projector with good ventilation
- Regular industry interaction and visit in the core field.
- Internship & training programs with MOU.
- Faculty development program and student development program.
- Nation level conference and workshops.
- Pass out students placed in global organizations & joined world reputed universities for achieving VTU ranks.
- Soft skill development program conduction.
- Very active physical education Department providing opportunity to students to participate in regional, state & national level events.

Weaknesses

- Struggling to get the core engineering companies for the campus recruitment
- Curriculum design is not exposing students to industry standard tools.
- Poor active participation in professional societies.
- Students of lower CET rank taking admission in EEE.
- University syllabus & curriculum not focusing on the advanced software tools inclusion in the curriculum.
- Internship program is not part of curriculum.

- Research facility is not up to the mark to involve students in research activities.

Opportunities:

- Presence of government R&D, institute and organization of world class facilities [DRDO, HAL, NAL, BHEL, ISRO, ADRIN, IISC, IIM etc]
- Presence of all world renowned multinational companies in the field of electrical and electronics engineering [ABB, TI, INTEL, HONEYWELL, FOXCONN ETC] providing the opportunity for internships and employment.
- Cosmo politician environment of Bangalore city giving the global exposure to the students.
- Central & state government various schemes for development of renewable energy source [solar, wind]
- Faculties doing research and industrial experience provides the opportunity to the student to take up in-house project development.

Challenges:

- Presence of software companies in large number and availability of abundant jobs opportunities in this field impacting student interest in studying electrical & electronics engineering.
- Admission of CET lower rank student, negativity impacting perception about EEE.
- Shrinking job opportunities in the electrical core engineering organization [state electric boards. Power generation and supply companies, heavy industries]
- Faculties are not regularly attending FDPS, refreshment courses, participation in national & international conferences.
- Short focus on subject about professional ethics and values in the curriculum.

CIVIL ENGINEERING

- 1. Name of the Department:** Civil Engineering
- 2. Year of Establishment:** 2012
- 3. Names of Programs/ Courses offered (UG, PG, M.Phil., Ph D, Integrated Masters; Integrated Ph D etc.):**

The following programs are offered in the Civil Engineering Department.

Sl. No	Name of the Program	Establishment Year & Approval Letter	Academic Year	Intake
1.	Degree: Bachelor Degree in Engineering Discipline: Civil Engineering	F.No,south west 1-149482932/ 13/ EOA dt 19/ 3/ 13	2012-13	60
		F.No,south west 1-2016594398/ 14/ EOA dt 04/ 06/ 14	2014-15	120

4. Name of Interdisciplinary courses and Departments involved:

The list of interdisciplinary courses which are common to various Departments is mentioned in the table below:

Sl.No	Semester	Course code	Course Title	Department
1	I/ II/ III/ IV	15MAT11 15MAT21 14MAT31 14MAT41	Engineering Mathematics – 1 Engineering Mathematics – II Engineering Mathematics – III Engineering Mathematics – IV	Maths
2	I/ II	15PHY12	Engineering Physics	Physics
3	I/ II	15CIV13	Elements of Civil Engg. & Engineering Mechanics	CIV
4	I/ II	15CCP13/ 23	Computer concepts & C Programming	CSE
5	I/ II	15EME14/ 24	Elements of Mechanical Engineering	ME
6	I/ II	15CED14/ 24	Computer Aided Engineering Drawing	ME
7	I/ II	15WSL16/ 26	Basic Workshop Lab	ME
8	I/ II	15CCP16	C Programming Lab	CSE
9	I/ II	15PHYL17	Engg. Physics Lab	Physics
10	I/ II	15CIP18	Constitution of India	
11	I/ II	15CHE1 2/ 22	Engineering Chemistry	Chemistry
12	I/ II	15ELN15/ 25	Basic Electronics	E&CE

5. Annual/ semester/ choice based credit system (program wise):

Sl. No	Degree	Courses offered	System followed
i.	B.E	Civil Engineering	Semester

6. Participation of the Department in the courses offered by other Departments:

NIL

7. Courses in collaboration with other universities, industries, foreign institutions, etc:

NIL

8. Details of courses/ programs discontinued (if any) with reasons :

NIL

9. Number of Teaching posts sanctioned & filled (Professors/ Associate Professors/ Asst. Professors).

Teaching Post	Under Graduate	
	Sanctioned	Filled
Professors	01	01
ASP	03	00
AP	08	07

10. Faculty profile with name, qualification, designation, specialization (D.Sc. / D.Litt./ Ph D/ M.Phil., etc.)

Faculty profile is as mentioned in the table below:

Sl No	Name	Specs	Qual	Desig	No. of yrs of exp	No of PhDs guided in 4 yrs
1.	Syed Abu Sayeed Mohammed	Geo-Environ mental Engg	Ph. D	Prof &HOD	16	-
2.	Mr. Mubarak Ali	CADSS	M.Tech	AP	2	-
3.	Ms Nihar M	Structures	M.Tech	AP	2	-
4.	Mr. Irfan Ulla Shariff	Environment al Engg	M.Tech	AP	6	-
5.	Mr. Pradeepkote R	CADSS	M.Tech	AP	2	-
6.	Mr.Iftiqar Ahmed Shariff	Geology	M.Sc	AP	2	-
7.	Mr Mohammed Idress khan	Structures	M.Tech	AP	2	-
8.	Abdul Lateef	Structures	M.Tech	AP	5	-
9.	Ms. Sumaiya Firdous	Industrial Structures	M.Tech	AP	0	-

11. List of senior visiting faculty

NIL

12. Percentage of lectures delivered and practical classes handled (program wise) by temporary faculty:

NIL

13. Student Teacher Ratio (Program-wise):

Student Teacher ratio Program wise has been mentioned in the table below:

Sl. No	Program	Year	No. of Students	No. of Teachers	STR
1.	BE (CIVIL)	14-15	176	09	20
2.		13-14	109	06	19
3.		12-13	60	04	15

14. Number of academic support staff (Technical) and administrative staff sanctioned and filled.

The table below gives the cadre wise structure of academic support:

Non-Teaching Post	Under Graduate	
	Sanctioned	Filled
Instructor/ Technicians	10	02
Administrative Staff	01	00
Attenders	06	01

15. Qualifications of teaching faculty with DSc/ D.Litt/ Ph.D/ MPhil / PG.

No of Faculties with Ph.D= 01

No of Faculties with PG = 07

Name	Qualification
Syed Abu Sayeed Mohammed	Ph.D
Mr Ashfaq Ahamed khan	M.Tech
Mr Mubarak Ali	M.Tech
Ms Nihar M	M.Tech
Mr. Irfan Ulla Shariff	M.Tech
Mr. Pradeepkote R	M.Tech
Mr. Iftiqar Ahmed Shariff	M.Sc
Mr Mohammed Idress khan	M.Tech
Ms. Sumaiya Firdous	M.Tech

16. Number of faculty with ongoing projects from

a) National: NIL

b) International funding: NIL

17. Departmental projects funded by DST-FIST; DBT, ICSSR, etc. and total grants received.

The Department of Civil Engineering obtained a research grant of Rs 33, 00,000/- (Rupees thirty three lakhs only) from SERB, **Department of Science and Technology (DST)**, Govt. of India, for the project titled "Nano calcium silicate-soil based mineral amendments as liners

for hazardous waste containment facilities” (Ref No.SR/ S3/ MERC/ 0111/ 12 dated 31/ 01/ 13).The project is in its third year and has successfully completed two years.

18. Research Centre / facility recognized by the University:

VTU, Recognized Research Centre.

19. Publications:

• Publication per faculty:

Name of the Faculty	No of Papers
Dr. Abu Sayeed	03

- Number of publications listed in International Database (For Eg: Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, etc.), Monographs, Chapter in Books, Books Edited, Books with ISBN/ ISSN numbers with details of publishers, Citation Index, SNIP, SJR, Impact factor, h-index**

03

- Number of papers published in peer reviewed journals (national/ international) by faculty and students: 04**

- Syed Abu Syeed Mohammed ,Arif Ali Baig Moghal ,”Soil Amended with Admixtures as stabilizing agent to retain heavy metals” ,ASCE’s Geotechnical special publications 234 series, Feb 14, pp 2216-2226
- Arif Ali Baig Moghal , Syed Abu Sayeed Mohammed,B.Munawar Basha ,Mosleh Ali Al- Shamrani, ”Surface complexation modeling for Stabilization of an industrial Sludge by alternate materials”. ASCE’s Geo technical special publications 234 series, feb 14, pp 2216-2226
- Arif Ali Baig Moghal, Syed Abu Sayeed Mohammed, ”Performance of soils and soil lime mixtures as liners to retain Heavy metal ions in aqueous solutions”, Geo Shanghai, 14, ASCE’s Geo technical special publications 241series, May 14, pp 2216-2226, Geo Shan.
- Syed Abu Syeed Mohammed, Shankara, Maya Naik, Sivapullaiah PV, ”Sorption of iron and copper on sand bentonite flyash mixtures ”International Journal of Research in chemistry and Environment :.Volume 4 Issue 2, April 14 pp1-8 .

20. Areas of consultancy and income generated

NIL

**21. Faculty as members in a) National committees b) International committees
c) Editorial Boards....**

NIL

22. Student projects

a) **Percentage of students who have done in-house projects including inter
Departmental/ program:100%**

b) **Percentage of students placed for projects in organizations outside the
institution i.e.in Research laboratories/ Industry/ other agencies: 0%**

23. Awards/ Recognitions received by faculty and students

NIL

24. List of eminent academicians and scientists/ visitors to the Department.

NIL

25. Seminars/ Conferences/ Workshops organized & the source of funding

a) **National b) International: NIL**

26. Student profile program/ course wise:

Name of the program	Year	Enrolled	
		*M %	*F%
BE – Civil	12-13	96	4
	13-14	87	13
	14-15	90	10

*M = Male *F = Female

27. Diversity of Students

Name of the program	Year	% of students from the state	% of students from other States	% of students from abroad
BE -CIVIL	12-13	72	28	8
	13-14	87	13	3
	14-15	90	10	0

28. How many students have cleared national and state competitive examinations such as NET, SLET, GATE, Civil services, Defense services, etc.?

NIL

29. Student progression

Not Applicable. First Batch is in Final Year

30. Details of Infrastructural facilities

a) **Seminar Hall:** NIL

b) **Library:** NIL

c) **Internet facilities for Staff & Students**

Name of the Internet Provider	ACT
Available Bandwidth	20 Mbps
Access Speed	256 Kbps
Availability of internet in an exclusive lab	Yes, the entire campus is Wi-Fi connected
Availability in most computing labs	Yes
Availability in Departments, faculty rooms	Yes
Institute's own e-mail facility to faculty/ students	Provided to faculty & students@hkbkeducation.org
Security/ Privacy to Email/ Internet users	Sonic Wall security provided

d) **Class rooms with ICT facility**

Class Room	Size sqmt	Condition of benches	Air circulation & Acoustics	Lighting	Exit	Ambiance	Other amenities
D 303	98	Good	Good	Good	1	Good	LCD Projectors (Fixed)
D 304							
D 305	95						

e) **Laboratories**

	
Applied Engineering Lab	Surveying practice-1

	
Surveying practice-2	Concrete Technology Lab
	
Geotechnical Lab	

Sl. No	Name of Lab	Quantity in Number	Capacity Space Sqm.
1.	Applied Engineering Lab	01	
2.	Surveying practice-1	01	27.87
3.	Surveying practice-2	01	27.87
4.	Concrete technology lab	01	125.41
5.	Environmental Lab	01	83.61
6.	Geotechnical lab	01	99.12
7.	CAD lab	01	34.11

31. Number of students receiving financial assistance from college/ university

50%

32.Details on student enrichment programs (special lectures/ workshops/ seminar with external expert.

NIL

33.Teaching methods adopted to improve student learning

- Classroom teaching/ lecture and discussions/ Q&A sessions
 1. The learning material is generally text and reference books prescribed by VTU.

2. The internet usage is steadily increasing as a rich source of information and is used to update the course contents.
 3. The students are the target and their proactive participation is essential and hence are motivated to be focused.
- The delivery medium;
 - a. “Chalk-and- Talk” method
 - b. Digital projectors (LCD) and power point slides
 - Lecture session lasts for 50 minutes to an hour and practical sessions 2 to 3 hours.
 - At the end of the semester feedback is taken to check the extent to which course delivery was effective.

34.Participation in Institutional Social Responsibility and extension activities

Social responsibility is taken care by the NSS headed by Dr. Arshad Pasha.
A detailed report is enclosed in the **Annexure 4**.

35. SWOC analysis of the Department and Future plans

Strengths:

- Good infrastructure
- Research output
- Student strength is good
- Qualified staff

Weaknesses:

- Admission of academically poor students
- Non availability of Senior faculty

Opportunities:

- Consultancy from industry
- Research projects
- MOUs with foreign universities

Challenges:

- Attrition rate
- Poor admission

MBA DEPARTMENT

1. Name of the Department: MBA

2. Year of Establishment: 2006

3. Names of Programs/ Courses offered (UG, PG, M.Phil., Ph D, Integrated Masters; Integrated Ph D, etc.): MBA & Ph.D

Sl. No	Name of the Program	Establishment Year & Approval Letter	Academic Year	Intake
1.	MBA	2006 AICTE Approval letter 770-53-228/ ET/ 96 Dated 05/ 09/ 2006	2006-07	60

4. Names of Interdisciplinary courses and the Departments/ units involved:

NIL

5. Annual/ semester/ choice based credit system (program wise): Semester

6. Participation of the Department in the courses offered by other Departments:

NIL

7. Courses in collaboration with other universities, industries, foreign institutions, etc

NIL

8. Details of courses/ programs discontinued (if any) with reasons:

NIL

9. Number of Teaching posts

Posts	Sanctioned	Filled
Professors	01	00
ASP	02	01
AP	05	05

10. Faculty profile with name, qualification, designation, specialization, (D.Sc./ D.Litt. / Ph D/ M. Phil. etc.,)

Name	Qual	Desig	Specs	Yrs of exp	Ph.Ds guided in 4 Years
Mr. Tojo Thomas	MBA	AP	Marketing	12	NIL
Mr. Pavankumar G Kulkarni	MBA	AP	Finance & Marketing	8	NIL
Mrs. Vanaja. V	MBA	AP	HR	6	NIL
Dr Arvind Rout	M.A, MBA, Ph.D	AP	HR & Marketing	25+	NIL
Mrs. Ruchita Pangriya	MBA, UGC-NET	AP	Marketing	5	NIL
Mr. Syed Ahamed S	MBA, MA, M.Phil	AP	HR & Marketing	12	NIL
Ms.Nandini.A.D	MBA	AP	Finance	7	NIL

11.List of senior visiting faculty:

NIL

12.Percentage of lectures delivered and practical classes handled(program wise) by temporary faculty:

NIL

13.Student -Teacher Ratio (program wise):

Sl. No	program	Year	No. of Students	No. of Teachers	STR
1.	MBA	15-16	30	6	5
2.		14-15	22	7	3.142
3.		13-14	30	8	3.75
4.		12-13	69	8	8.6

14.Number of academic support staff (technical) and administrative staff; sanctioned and filled:

NIL

15.Qualifications of teaching faculty with DSc/ D.Litt/ Ph.D/ MPhil/ PG:

Name	Qualification
Mr. Tojo Thomas	MBA
Mr. Pavankumar G Kulkarni	MBA
Mrs. Vanaja. V	MBA
Dr Arvind Rout	M.A, MBA, Ph.D
Mrs. Ruchita Pangriya	MBA, UGC-NET (M.Phil)
Mr. Syed Ahamed S	MBA, MA, M.Phil, (Ph.D)
Ms.Nandini.A.D	MBA

16. Number of faculty with ongoing projects from a) National b) International funding agencies and grants received:

NIL

17. Departmental projects funded by DST - FIST; UGC, DBT, ICSSR, etc. and total grants received:

NIL

18. Research Centre / facility recognized by the University:

Yes

19. Publications:**• Publication per faculty:**

Sl. No.	Name of The Staff	Number of publications
1.	Pavan Kulkarni	01
2.	Tojo Thomas	03
3.	Vanaja	02
4.	Dr. Arvind Rout	20
5.	Syed Ahamed	9
6.	Ruchita Pangriya	3

- Number of publications listed in International Database (For Eg: Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, etc.), Monographs, Chapter in Books, Books Edited, Books with ISBN/ ISSN numbers with details of publishers, Citation Index, SNIP, SJR, Impact factor, h-index

NIL

20. Areas of consultancy and income generated:

NIL

21. Faculty as members in a) National committees b) International Committees c) Editorial Boards

NIL

22. Student projects

- a) Percentage of students who have done in-house projects including inter Departmental/ program: NIL

b)Percentage of students placed for projects in organizations outside the institution i.e., in Research laboratories/ Industry/ other agencies: 100%

23. Awards/ Recognitions received by faculty and students

NIL

24. List of eminent academicians and scientists/ visitors to the Department:

- 1) Dr. Sathyanandini, Prof BMS College
- 2) Dr, M.K Sridhar, Prof, BMS College, Bangalore
- 3) Dr. Rangaraju, Prof & Head, MBA Dept, PES University, Bangalore
- 4) Dr. Keshav Rao, Prof & Head, Research & Development, RNSIT, B'luru
- 5) Dr. Chidanandamurthi, Former VC, Kuvempu University, Shimoga.
- 6) Dr. Simha, Banker and Financial Consultant
- 7) Prof. Vijaykumar, Dept. Finance and Control, IIPM, Bangalore.

25. Seminars/ Conferences/ Workshops organized & the source of funding:

a) National b) International: NIL

26. Student profile program/ course wise:

Name of the program	Year	Enrolled	
		*M	*F
MBA	12-13	61	39
	13-14	62	38
	14-15	78	22

*M = Male *F = Female

27. Diversity of Students

Name of the program	Year	% of students from same state	% of students from other States	% of students from abroad
MBA	12-13	100	0	0
	13-14	100	0	0
	14-15	100	0	0

28. How many students have cleared national and state competitive examinations such as NET, SLET, GATE, Civil services, Defense services, etc.?

NIL

29. Student progression

Student progression		% enrolled
UG to PG		-
PG to M. Phil.		-
PG to Ph D		0%
Ph D to Post-Doctoral		-
Employed	Campus selection	10%
	Other than campus recruitment	80%
	Entrepreneurship/ Self-employment	10%

30. Details of Infrastructural facilitiesa) **Library:** yesb) **Internet facilities for Staff & Students:**

Name of the Internet Provider	ACT
Available Bandwidth	20 Mbps
Access Speed	256 Kbps
Availability of internet in an exclusive lab	Yes, the entire campus is Wi-Fi connected
Availability in most computing labs	Yes
Availability in Departments, faculty rooms	Yes
Institute's own e-mail facility to faculty/ students	Provided to faculty & students@hkbkeducation.org
Security/ Privacy to Email/ Internet users	Sonic Wall security provided

c) **Class rooms with ICT facility:** Yesd) **Laboratories:** NIL**31. Number of students receiving financial assistance from college, university, government or other agencies:**

More than 50% of Students

32. Details on student enrichment programs (special lectures/ workshops seminar) with external experts:

NIL

33. Teaching methods adopted to improve student learning

- Classroom teaching/ lecture and discussions / Q&A sessions
 1. The learning material is generally text and reference books prescribed by VTU.

2. The internet usage is steadily increasing as a rich source of information and is used to update the course contents.
 3. The students are the target and their proactive participation is essential and hence are motivated to be focused.
- The delivery medium;
 - a. “Chalk-and- Talk” method
 - b. Digital projectors (LCD) and power point slides
 - Lecture session lasts for 50 minutes to an hour.
 - At the end of the semester feedback is taken to check the extent to which course delivery was effective.

34.Participation in Institutional Social Responsibility and extension activities

Social responsibility is taken care by the NSS headed by Dr. Arshad Pasha.
A detailed report is enclosed in the **Annexure 4**.

35. SWOC analysis of the Department and Future plans:

Strengths:

- Experienced Faculties.
- Industry-Institution Interaction,
- Well equipped infrastructures,

Weaknesses:

- Migration of Staff

Opportunities:

- Increasing demands for Skilled Management peoples

Challenges:

- Increased Colleges and Private Universities
- Increased Tier 1 college’s intakes from Universities

Basic Sciences Departments

1. Name of the Departments:

Engineering Chemistry, Engineering Physics and Engineering Mathematics

2. Year of Establishment:

04/ 08/ 1997, AICTE Approval letter 770-63-228/ ET/ 96

3. Names of Programs/ Courses offered (UG, PG, M.Phil, Integrated Masters; Integrated Ph D, etc.):

NIL

4. Name of Interdisciplinary courses and Departments involved:

Support to all Departments

5. Annual/ semester/ choice based credit system (program wise)

The UG follows the VTU guidelines with Choice Based Credit System:

6. Participation of the Department in the courses offered by other Departments:

Sl. No	Semester	Department
1.	I/ II	CSE/ ECE/ ME/ EEE/ CV/ ISE

7. Courses in collaboration with other universities, industries, foreign institutions etc:

NIL

8. Details of courses/ programs discontinued (if any) with reasons:

NIL

9. Number of Teaching posts sanctioned and filled (Professors/ Associate Professors/ Asst. Professors).

Basic Science Department has experienced Faculty and the statistics of teaching posts sanctioned and filled is as mentioned in the table below:

Department	Professors		ASP		AP	
	Sanctioned	Filled	Sanctioned	Filled	Sanctioned	Filled
Engg Physics	01	01	01	00	03	02
Engg Chemistry	01	01	01	00	03	03
Engg Mathematics	01	01	01	02	03	03

10. Faculty profile with name, qualification, designation, specialization (Ph D/ M.Sc., etc.)

Faculty profile is given in the following table:

Dept	Name	Qual	Desig	Specs	Exp
Engg Phy	Dr. Chandra Kumar. K	Ph D	Prof &HOD	Nuclear Physics	23
	Ajanta Datta	M.Sc	AP	Physics	12T+3R
	Dr. Balasaraswati	Ph D	AP	Spectroscopy	0
	Mrs.Jeenamol	M.Tech	AP	Electronics	0
Engg Chy	Dr. Sanaulla P.F	Ph D	Prof &HOD	Electro Chemistry	30
	I.Nusrath Jahan	M.Sc	AP	Indl Chemistry	10
	Fasi Ur Rehaman	M.Sc	AP	Indl Chemistry	04
	Smruti Rekha Dash	Ph D	AP	Material science and Chemistry	NIL
Engg Maths	Saher Fathima Khamnum	M.Sc	ASP &HOD	Mathematics	19
	Dr.C.S.Nagabhushana	Ph D	Prof	Numerical Quadrature	15
	Dr. Ataulla	Ph D	ASP	Mathematics	22
	Umme Salma	M.Sc	AP	Mathematics	11
	Sreelakshmi	M.Sc	AP	Mathematics	05
	Dr. Priyanka Nigam	Ph D	AP	Real Analysis	07
	Smitha Chandriah	ME	AP	Electronics	-

11. List of senior visiting faculty

NIL

12. Percentage of lectures delivered and practical classes handled- (program wise) by Temporary faculty:

NIL

13.Student Teacher Ratio (Program-wise):

Not Applicable

14. Number of academic support staff (Technical) and administrative staff: sanctioned and filled.

The table below gives the cadre wise structure of academic support staff of Basic Science Department

Department	Lab Instructor		Attenders	
	Sanctioned	Filled	Sanctioned	Filled
Engg Physics	01	01	01	01
Engg Chemistry	01	01	01	01
Engg Mathematics	-	-	01	01

15. Qualifications of teaching faculty with Ph D/ MSc.**No of Faculties with Ph D= 07****No of Faculties with PG = 06**

Department	Name	Qual
Engg Phy	Dr. Chandrakumar. K	Ph D
	Ajanta Datta	M.Sc,
	Dr.Balasaraswati	Ph D
	Mrs.Jeenamol	M.Tech
Engg Chy	Dr.Sanaulla P.F	Ph D
	I.Nusrath Jahan	M.Sc
	Fasi Ur Rehaman	M.Sc
	Smruti Rekha Dash	Ph D
Engg Maths	Saher Fathima Khamnum	M.Sc
	Dr.C.S.Nagabhushana	Ph D
	Dr. Ataulla	Ph D
	Umme Salma	M.Sc
	Sreelakshmi	M.sc
	Dr.Priyanka Nigam	Ph D
	Smitha Chandriah	ME

16. Number of faculty with ongoing projects from a)National b) International funding: NIL**17. Departmental projects funded by DST-FIST; DBT, ICSSR, etc. and total grants received.**

The Department of Basic Sciences obtained a research grant of Rs 33,00, 000/- (Rupees thirty three lakhs only) from SERB, **Department of Science and Technology (DST)**, Govt. of India, for the project titled “Nano calcium silicate-soil based mineral amendments as liners for hazardous waste containment facilities” (Ref No.SR/ S3/ MERC/ 0111/ 12 dated 31/ 01/ 13).The project is in its third year and has successfully completed two years

18. Research Centre/ facility recognized by the University:

VTU, Recognized Research Centre

19. Publications:

Year	Publications			Total
	Conference		Journals	
	National	International		
12-13	05	07	04	16
13-14	10	05	02	17
14-15	02	03	05	10
Total				43

a) Publication per faculty

Number of papers published in peer reviewed journals (national / international) by faculty and students.

Department	Name	13-14			14-15		
		N	I	J	N	I	J
Engg Phy	Dr. Chandrakumar. K	-	-	-	1	-	-
	Ajanta Datta	1	-	-	1	-	2
Engg Chy	Dr.Sanaulla P.F	-	-	06	-	01	02
Engg Maths	Dr.C.S.Nagabhushana						01
	Dr. Ataulla	-	02	-	-	-	-
	Prof. Sreelakshmi.S	01					

* Number of publications listed in International Database (For Eg: Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, etc.), Monographs, Chapter in Books, Books Edited, Books with ISBN/ ISSN numbers with details of publishers, Citation Index, SNIP (Source Normalized Impact paper), SJR (SCI Image Journal Rack), Impact factor, H-index:

NIL

20. Areas of consultancy and income generated

NIL

21. Faculty as members in

a) National committees b) International Committees c) Editorial Boards....

LIMISTE, ICA, IASTA

22. Student projects: Not Applicable**23. Awards/ Recognitions received by faculty and students**

Dr. Rajesh B.M: JRF/ SRF DAE-BRNS, UGC Meritorious Fellowship, Travel Bursary: IRPA, UK

24. List of eminent academicians and scientists / visitors to the Department.

1. Dr. Vanishree R. K.
2. Dr. Badri Khantithi
3. Dr. Cyril Prasanna
4. Prof. J. Paravashivam
5. Prof. H. S. Bhatia
6. Prof. P. Venkataramaiah, Formerly VC-Kuvempu University
7. Dr. D. V. Gopinath, Formerly Director, Health-Safety-Environment, BARC

8. Dr.Chandrashekar A, Scientist, BARC, Mysore
 9. Dr.KamsaliNagaraja, Dept. of Physics, Bangalore University

25. Seminars/ Conferences/ Workshops organized & the source of funding

a) National

SL No	Activity	Date	Under Banner	Resource Person Details
1.	“Mathematics for Engineers”	1/ 9/ 12	HKBKCE	Dr.Vanishree R.K. from Maharani Science college
2.	“Synergy in Engineering and Mathematics”	25/ 1/ 16- 26/ 1/ 16	HKBKCE	Dr.BadriKhanthithi ME Dept, BMSIT, Dr. Cyril Prasanna, E&C Dept & Head, R&D, MSIT, Prof. J Paravashivam Scientist, DRDO, Prof H.S Bhatia, KNSIT
3.	“Nuclear Energy and the environment”		HKBKCE	KSTA

b) International

NIL

26. Student profile program/ course wise:

Same as the profile of college students

27. Diversity of Students

Same as the profile of college students

28. How many students have cleared national and state competitive examinations such as NET, SLET, GATE, Civil services, Defense services, etc. ?

Not Applicable

32. Student progression

Not Applicable

30. Details of Infrastructural facilities

a) Library

NIL

b)Internet facilities for Staff & Students

Name of the Internet Provider	ACT
Available Bandwidth	20 Mbps
Access Speed	256 Kbps
Availability of internet in an exclusive lab	Yes, the entire campus is Wi-Fi connected
Availability in most computing labs	Yes
Availability in Departments, faculty rooms	Yes
Institute's own e-mail facility to faculty/ students	Provided to faculty & students@hkbkeducation.org
Security/ Privacy to Email/ Internet users	Sonic Wall security provided

c)Class rooms with ICT facility

Class room	Size	Conditions of benches	Air circulation and Acoustics	Light ing	Exit	Ambi ance	Other amenities
C101	90 sqmt	Good	Good	Good	1	Good	-
C102							
C201							
C202							
C301							
C302							

d) Laboratories

Sl. No	Name of Lab	Quantity in Number	Capacity Space Sqm.
1.	Engineering Physics Lab	01	130
2.	Engineering Chemistry Lab	01	130

31. Number of students receiving financial assistance from college, university:

Not Applicable

32. Details on student enrichment programs (special lectures / workshops / seminar) with external experts

One Day Work shop on “Nuclear Energy and the Environment”

33. Teaching methods adopted to improve student learning

- Classroom teaching/ lecture and discussions / Q&A sessions
 1. The learning material is generally text and reference books prescribed by VTU.
 2. The internet usage is steadily increasing as a rich source of information and is used to update the course contents.
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- Lecture session lasts for 50 minutes to an hour and practical sessions 2 to 3 hours.
- At the end of the semester feedback is taken to check the extent to which course delivery was effective.

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Social responsibility is taken care by the NSS headed by Dr. Arshad Pasha.
A detailed report is enclosed in the **Annexure 4**.

ANNEXURES

ANNEXURE 1

COE

H.K.B.K. College of Engineering

22/1, Nagawara, Bangalore-560 045, Karnataka

Calendar of Events for Odd Semester (III / V/ VII) B.E. (UG)-Higher Semesters of Academic Year 2015-16 : July – December 2015

Month	Week	Mon	Tue	Wed	Thu	Fri	Sat	Sun	WDs	General Holidays	Activities / Holidays	IA Test / Lab & Thy Exams
July/ Aug	1	27	28	29	30	31	1	2	6		July 27 – Commencement of III, V & VII B.E. Odd sem, Monday's	
August	2	3	4	5	6	7	8	9	6	8 - 2 nd Saturday		
	3	10	11	12	13	14	15	16	5	15 – Independence Day		
	4	17	18	19	20	21	22	23	6	22 - 4 th Saturday		
	5	24	25	26	27	28	29	30	6		29-Freshers Day / Ethnic Day	Aug. 26: Last date for IA-1 QP submission
Aug / Sep	6	31	1	2	3	4	5	6	6			1 st IA Test: Aug 31 – Sep 5
September	7	7	8	9	10	11	12	13	6	12 - 2 nd Saturday		Sep. 9: Last date IA-1 Mks Subm / PC
	8	14	15	16	17	18	19	20	5	17 – Ganesh Chathurthi		
	9	21	22	23	24	25	26	27	5	24 – Bakrid 26 - 4 th Saturday		
Sep / Oct	10	28	29	30	1	2	3	4	5	2 – Gandhi Jayanthi		Sep. 30: Last date for IA-2 QP submission
October	11	5	6	7	8	9	10	11	6		10: Compensatory Full working day for 9 th November 2015.	2 nd IA Test: Oct. 5 – 10
	12	12	13	14	15	16	17	18	5	12– Mahalaya Amavasya		Oct. 14: Last date IA-2 Mks. Sub.
	13	19	20	21	22	23	24	25	3	22 – Ayudha Puja 23– Vijayadashami 24 – Muharram		
Oct / Nov	14	26	27	28	29	30	31		5	27 – Valmiki Jayanthi 1 – Kannada Rajyotsava	27: Compensatory Full working day for 11 th November 2015.	Oct 30: Last date for IA-3 QP submission Nov 29-Dec 4 : Lab Internal tests
November	15	2	3	4	5	6	7	8	6			3 rd IA Test: Nov. 5– 7 (2 IA / Day)
	16	9	10	11	12	13	14	15	4	14 - 2 nd Saturday 10 – Naraka Chaturdashi 12 – Balipadyami	9 th , 11 th : Declared Holiday 14 th : Compensatory Full working day for 25 th November 2015.	Nov 16 submission of III IA Marks
	17	16	17	18	19	20	21	22	6		Nov. 20 – Last Working Day of III, V & VII Sem B.E.	Nov 21: Last date Avg. IA Marks Sub
	18	23	24	25	26	27	28	29		28 – Kanakadasa Jayanthi		Nov 23: VTU Lab exam commences

- Attendance norms as per VTU. Students who get below 85% attendance are liable for detention, student counseling to be done once in fortnight by the batch counselors.
- Usage of mobiles strictly banned in the campus, if found will be confiscated, students & staff should follow DRESS CODE compulsorily while in campus.
- HODs are required to monitor the attendance of the students and inform about the attendance status report of the irregular students to their parents once in a month & submit a monthly report of the irregular students to the Principal's Office.
- Improvement Test/s will be given only to those students who have got an average of <15 only in that particular subject
- Sports activity to be conducted only after 3.30 p.m. daily.
- Progress cards (PC) of the students to be sent to the parents by the concerned department immediately after the IA tests are over.
- Final Sessional marks will be displayed in the respective departments on 21.11.2015. Students are required to go through the same, sign in the consolidated register, if any discrepancies are found, the same may be informed to the concerned HOD for necessary correction immediately.

**Sd/-
Principal**

ANNEXURE 2

MOUs

MOUs

DEPARTMENT	INDUSTRY
EEE	<ul style="list-style-type: none"> • KPTCL
	<ul style="list-style-type: none"> • CAAD CENTER
	<ul style="list-style-type: none"> • ED GATE(Texas Instrumentation)
ME	<ul style="list-style-type: none"> • Excel Industries, Jalahalli West Bangalore
	<ul style="list-style-type: none"> • Peenya Fine Components Pvt. Ltd, Peenya Bangalore
	<ul style="list-style-type: none"> • Relic Industries Hosur road, Bangalore
	<ul style="list-style-type: none"> • EZenith, Bangalore
	<ul style="list-style-type: none"> • INFIDOF solutions Bangalore
CIVIL	<ul style="list-style-type: none"> • CAAD CENTER
IS	<ul style="list-style-type: none"> • Tharitech Solutions
	<ul style="list-style-type: none"> • Infosys Ltd.
	<ul style="list-style-type: none"> • Biztime Solutions
CS	<ul style="list-style-type: none"> • Biztime IT Solutions Private Limited
	<ul style="list-style-type: none"> • Networkers Home
	<ul style="list-style-type: none"> • Accure Private Limited, Bangalore
EC	<ul style="list-style-type: none"> • Vedlabs • Techni Lab Instruments • Avemsys Private Limited • Edgate • Sun Softronics



hussainahmedsaleh@yahoo.co.in

Date: 01/06/2015

Ref. No: HKBKCE/EC/2015/016

MEMORANDUM OF UNDERSTANDING (MoU)

This Memorandum of Understanding (MoU) is made between,

1. The Department of Electronics and Communication Engineering, HKBK COLLEGE OF ENGINEERING, BANGALORE, an Institution affiliated to Visvesvaraya Technological University (VTU), Belgaum, Karnataka State, INDIA.

and

2. VERSATILE ENGINEERING DESIGNS LABS (VEDLABS), BANGALORE, an entity incorporated under the laws of India and having its principal place of business at No. 24, CMH Road, Indiranagar, Bangalore-560038, INDIA.

WHEREAS

- A. The Department of Electronics and Communication Engineering, HKBK College of Engineering, Bangalore, a Minority Institution, is a specialist in providing value-added, holistic Engineering Education to students at affordable costs, in conducive academic ambience leading to Personality Development and Intellectual Growth.
- B. VEDLABS, Bangalore, is a company with professionals teamed up to offer the quality and apt solutions for business needs.

DELIVERABLES

By signing this MoU, the Department of Electronics and Communication Engineering, HKBK College of Engineering, Bangalore and VEDLABS, Bangalore agree to work jointly in the following areas:

1. To conduct Workshops in the following areas:
 - (a) Technical Skill Development and Real-time Hands-on Experience on:
 - MatLab
 - Networking
 - VLSI/Embedded
 - Microsoft Access
 - (b) Training and Placement
 - English Development Programme
 - Personality Development Programme
 - Employability Development Programme
 - Soft Skills Training and Motivational Training – Leadership, Team Building etc.
 - Skill Building Programmes for various Industries
 - Customer Orientation Programme for Service Sector.
 - Customized Programmes to impart Soft Skills and Technical Skills related to Engineering domain.

2. To help the Curriculum in providing Training for Student Projects.
3. To conduct Hands-on Workshop Programmes and to provide Certificates for the participants.
4. To provide Internship for the students.
5. To provide Speakers for any sessions of Technical Talks, Workshops and Conferences.
6. To provide Research Facilities for students and faculty members.
7. To organize Industrial Visits for the students.
8. The Projects designed with supporting tools will be submitted to the **Department of Electronics and Communication Engineering, HKBK College of Engineering, Bangalore** with a vision to setup a Project Lab.

Above activities will be carried out with mutual acceptance and within the Rules and Regulations of the participating Institutes.

PRICES AND PAYMENTS

By signing this MoU, the **Department of Electronics and Communication Engineering, HKBK College of Engineering, Bangalore** has no obligation to make any payments to **VEDLABS, Bangalore** or vice versa.

However, the Training and Workshop Programmes are not free of cost. **VEDLABS, Bangalore** and the **Department of Electronics and Communication Engineering, HKBK College of Engineering, Bangalore** will mutually decide on the Fees to be borne by the candidate at the time of registration for the Programmes.

TERMS AND CONDITIONS:

1. If the Training/Workshop is held at the premises of **VEDLABS, Bangalore**, then the candidates have to make their own arrangements for food, accommodation and travel.
2. If the Training/Workshop is held at the premises of **HKBK College of Engineering, Bangalore**, then the **Department of Electronics and Communication Engineering, HKBK College of Engineering, Bangalore** will take care of the Local hospitality of maximum TWO Resource Persons deputed from **VEDLABS, Bangalore**, or concerned, from the fees collected for the Workshop.
3. **VEDLABS, Bangalore** and **HKBK College of Engineering, Bangalore** will jointly issue Certificates to the candidates at the end of the Programme.

TERM OF AGREEMENT AND TERMINATION

This MoU shall come into effect from the **Date of last Signature**, and shall remain in force for a period of **THREE Years**. The same can be renewed on mutual agreement by both the parties, if required. Each party shall have the right to terminate the MoU upon 30 days prior written notice, if the other party is in breach of any material obligation under this MoU.

CORRESPONDENCE

A. If to Department of Electronics and Communication Engineering, HKBK College of Engineering, Bangalore, then to,

Dr. Suraiya Tarannum

Professor, Dept. of Electronics and Communication Engineering
HKBK College of Engineering
Off Manyata Tech Park, 22/1, Nagawara
Bangalore-560045, INDIA

B. If to VEDLABS, Bangalore, then to,

Mr. Guruprasad S. P.

Project Lead Technical
No. 24, CMH Road
Indiranagar II Stage,
Bangalore-560038, INDIA.

IN WITNESS WHEREOF, each of the Department of Electronics and Communication Engineering, HKBK College of Engineering, Bangalore and VEDLABS, Bangalore, has caused this MoU to be signed and delivered by its duly authorized representative.

Hussain Ahmed 01/06
Prof, Hussain Ahmed
Professor and Head
Dept. of Electronics and Communication Engg.
HKBK College of Engineering
Off Manyata Tech Park, 22/1, Nagawara
Bangalore-560038, INDIA.

PROF. & HEAD

DEPT. OF ELECTRONICS & COMMUNICATION

HKBK College of Engineering

Off Manyata Tech Park, 22/1, Nagawara

Date: 01-06-2015

Place: Bangalore

For VED LABS

PARTNER

Mr. Asit Kumar Das
Managing Director, VEDLABS
No. 24, CMH Road
Indiranagar II Stage,
Bangalore-560033, INDIA



Date: 01-06-2015
Place: Bangalore



Sun Softronic Systems

Renewal of Memorandum of Understanding (MoU)
Embedded and DSP Teaching Laboratory Setup at HKBK College of Engineering,
Bangalore

01-03-2014

This Memorandum of Understanding (MoU) is signed on the 1st day of March, 2014, between the following Institutions:

- a. Sun Softronic Systems, Bangalore, which is the University Programme Partner of Nuvoton, Taiwan.
- b. HKBK College of Engineering, Bangalore.

This Memorandum of Understanding (MoU) is renewed and valid for a period of **THREE YEARS** starting from the date of last signature from both Institutions and proposed in order to establish a Teaching Laboratory Facility in the area of **Embedded and DSP at HKBK College of Engineering, Bangalore**, with help from **Sun Softronic Systems, Bangalore**. Through this Memorandum of Understanding, the two parties agree to the following.

- (a) A Steering Committee will be set up to monitor the activities of the MoU. The committee will consist of Mr. Syed Mehtab, Director and Embedded Developer, Sun Softronic Systems, Bangalore-Nuvoton University India Programme and Prof. Hussain Ahmed, Professor and Head, Dept. of Electronics and Communication Engineering, HKBK College of Engineering, Bangalore. With mutual consent, the Steering Committee can be expanded to include more members from the two Institutions. The Steering Committee will be the supreme body as far the implementation of the activities of the MoU, continuation of the MoU, and termination of the MoU are concerned.
- (b) **Laboratory Setup:** The Department of Electronics and Communication Engineering, HKBK College of Engineering, Bangalore, will set up a Laboratory which will be entitled, "**Sun Softronic Systems Embedded Laboratory**" at its premises. Sun Softronic Systems, Bangalore, agrees to offer Extensive Training on the Nuvoton Platforms, embedded Platforms and DSP Platforms to the College. The College will be responsible for purchasing any other equipment required for setting up the Laboratory and for the maintenance of the Laboratory.
- (c) **Faculty Development Programme (FDP):** HKBK College of Engineering, Bangalore will organize atleast one **Faculty Development Programme (FDP)** in its premise for its Faculty Members and Faculty Members of other Indian Engineering Institutions to teach, Embedded, Nuvoton or DSP Platforms. The College will provide the infrastructure facility for conducting the **Faculty Development Programme**. Sun Softronic Systems, Bangalore, will help the College in conducting this Programme.
- (d) **Workshops/Events:** If the College wishes to organize any event in the area of Nuvoton based platform as well as any Embedded platform, Sun Softronic Systems, Bangalore will provide Speakers.
- (e) **Training Programmes:** Sun Softronic Systems, Bangalore, will assist the College in organizing Training Programmes/Tutorials on topics related to Embedded, Nuvoton or DSP. Faculty Members from the College who have undergone the **Train-the-Trainer Programme** and who are certified by Sun Softronic Systems, Bangalore, as Trainers may organize paid, Sun Softronic Systems, Bangalore-Certified Training Programmes.

Hussain Ahmed
Prof. Hussain Ahmed
Professor and Head, Dept. of ECE
HKBK College of Engineering
Off Manyata Tech Park, 22/1, Nagawara
Bangalore-560045, INDIA

Date: 01-03-2014
Place: Bangalore

Syed Mehtab
Mr. Syed Mehtab
Director, Sun Softronic Systems
#19/3&4, YES Complex
Dinnur Main Road, R.T.Nagar
Opposite Navodaya School
Bangalore-560032, INDIA

Date: 01-03-2014
Place: Bangalore



Memorandum of Understanding (MoU)
Embedded and DSP Teaching Laboratory Setup at HKBK College of
Engineering, Bangalore

Sun Softronic Systems

01-03-2011

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Dr. Chaitanya Kumar M.V.
Principal
HKBK College of Engineering
Off Manyata Tech Park, 22/1, Nagawara
Bangalore-560045, INDIA

Date: 01-03-2011
Place: Bangalore


Mr. Syed Mehtab
Director, Sun Softronic Systems
#19/3&4, YES Complex
Dinnur Main Road, R.T. Nagar
Opposite Navodaya School
Bangalore-560032, INDIA
Date: 01-03-2011
Place: Bangalore



hussainahmedsaleh@yahoo.co.in

Date: 12/08/2013

Ref. No: HKBKCE/EC/2013/010

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1. The Department of Electronics and Communication Engineering, HKBK COLLEGE OF ENGINEERING, BANGALORE, an Institution affiliated to Visvesvaraya Technological University (VTU), Belgaum, Karnataka State, INDIA.
and
2. TECHNI LAB INSTRUMENTS, BANGALORE, an entity incorporated under the laws of India and having its principal place of business at No. 10/8, 3rd Cross, Banaswadi Main Road, Maruthi Seva Nagar, Bangalore-560033, INDIA, represented by its Proprietor, Mr. J. RAVI KUMAR.

WHEREAS

- A. The Department of Electronics and Communication Engineering, HKBK College of Engineering, Bangalore, a Minority Institution, is a specialist in providing value-added, holistic Engineering Education to students at affordable costs, in conducive academic ambience leading to Personality Development and Intellectual Growth.
- B. TechniLab Instruments, Bangalore, is a leader in the field of design, development and manufacture of quality products based on Communication Systems, for Educational Institutes and customized solution provider for Industries.

DELIVERABLES

By signing this MoU, the Department of Electronics and Communication Engineering, HKBK College of Engineering, Bangalore and TechniLab Instruments, Bangalore agree to work jointly in the following areas:

1. To set up a Laboratory and provide the necessary Training and Learning Materials for students and faculty members, in the area of communications and Antennas in particular.
2. To provide Hands-on Experience on Softwares used for plotting Radiation Patterns of Antennas, like, 'CEM Solutions' etc.
3. To provide Hands-on Experience and practical sessions on Microwave Antennas such as Horn and Parabolic Dish Antennas.
4. To provide Hands-on Experience and practical sessions on Microstrip Lines, Microstrip Devices and Microstrip Antennas.
5. To help the Curriculum in providing Training for Student Projects.
6. To conduct Hands-on Workshop Programmes and to provide Certificates for the participants.
7. To provide Internship for the students.
8. To provide Speakers for any sessions of Technical Talks, Workshops and Conferences.

Hussainahmed

Page 1

[Signature]

9. To arrange Training Programmes on the topics related to Curriculum.
10. To provide Research Facilities for students and faculty members.
11. To organize Industrial Visits for the students.
12. Assist the department students in Placements.
13. The Projects designed with supporting tools will be submitted to the **Department of Electronics and Communication Engineering, HKBK College of Engineering, Bangalore** with a vision to setup a Project Lab.

Above activities will be carried out with mutual acceptance and within the Rules and Regulations of the participating Institutes.

PRICES AND PAYMENTS

By signing this MoU, the **Department of Electronics and Communication Engineering, HKBK College of Engineering, Bangalore** has no obligation to make any payments to **TechniLab Instruments, Bangalore** or vice versa.

However, the Training and Workshop Programmes are not free of cost. **TechniLab Instruments, Bangalore** and the **Department of Electronics and Communication Engineering, HKBK College of Engineering, Bangalore** will mutually decide on the Fees to be borne by the candidate at the time of registration for the Programmes.


TERMS AND CONDITIONS:

1. If the Training/Workshop is held at the premises of **Technilab Instruments, Bangalore**, then the candidates have to make their own arrangements for food, accommodation and travel.
2. If the Training/Workshop is held at the premises of **HKBK College of Engineering, Bangalore**, then the **Department of Electronics and Communication Engineering, HKBK College of Engineering, Bangalore** will take care of the Local hospitality of maximum TWO Resource Persons deputed from **Technilab Instruments, Bangalore**, or concerned, from the fees collected for the Workshop.
3. **Technilab Instruments, Bangalore** and **HKBK College of Engineering, Bangalore** will jointly issue Certificates to the candidates at the end of the Programme.

TERM OF AGREEMENT AND TERMINATION

This MoU shall come into effect from the **Date of last Signature**, and shall remain in force for a period of **THREE Years**. The same can be renewed on mutual agreement by both the parties, if required. Each party shall have the right to terminate the MoU upon 30 days prior written notice, if the other party is in breach of any material obligation under this MoU.

Hasrath



MISCELLANEOUS

Any Notice given by one Party to the other shall be deemed properly given, if specifically acknowledged by the Receiving Party in writing or when delivered to the Recipient by Hand, Registered Mail during normal business hours to the following addresses:

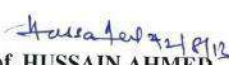
- A. If to **Department of Electronics and Communication Engineering, HKBK College of Engineering, Bangalore**, then to,

Prof. Hussain Ahmed
Professor and Head
Department of Electronics and Communication Engineering
HKBK College of Engineering
Off Manyata Tech Park, 22/1, Nagawara
Bangalore-560045, INDIA

- B. If to **TechniLab Instruments, Bangalore**, then to,

Mr. J. Ravi Kumar
Proprietor, TechniLab Instruments
No 10/8, 3rd cross, Banaswadi Main Road,
Maruthi Seva Nagar
Bangalore-560033, INDIA

IN WITNESS WHEREOF, each of the **Department of Electronics and Communication Engineering, HKBK College of Engineering, Bangalore** and **TechniLab Instruments, Bangalore**, has caused this MoU to be signed and delivered by its duly authorized representative.


Prof. HUSSAIN AHMED
Professor and Head, Dept. of ECE
HKBK College of Engineering
Off Manyata Tech Park, 22/1, Nagawara
Bangalore-560045, INDIA


Mr. J. RAVI KUMAR
Proprietor, TechniLab Instruments
No 10/8, 3rd Cross, Banaswadi Main Road
Maruthi Seva Nagar
Bangalore-560033, INDIA

Date: 12-8-2013
Place: Bangalore

PROF. & HEAD
DEPT. OF ELECTRONICS & COMMUNICATION
HKBK College of Engineering
22/1, Nagawara, Bangalore-560045

Date: 12-8-2013
Place: Bangalore

TECHNICAL INSTRUMENTS
10/8, 3rd Cross,
Banaswadi Main Road,
Maruthi Seva Nagar
Bangalore - 560 033

HKBK COLLEGE OF ENGINEERING

Approved by AICTE & Affiliated to VTU



S. No. 22/1, Nagawara, Bangalore 560045
Tel. +91- 80 - 544 1722 / 3744 / 3690 / 3698
Fax. +91 - 80 - 544 3813
Email: info@hbkbeducation.com
www.hbkbeducation.com

hussainahmedsaleh@yahoo.co.in

Date: 29/08/2015

Ref. No: HKBKCE/EC/2015/025

MEMORANDUM OF UNDERSTANDING

Pure Analog Lab Setup at HKBK College of Engineering, Bangalore

This memorandum of understanding is signed on the 28th Day of August, 2015, between the following institutions:

- a. M/s EdGate Technologies Pvt Limited which is the University Program Partner of Texas Instruments, India
- b. HKBK College of Engineering, Bangalore

This Memorandum of Understanding is proposed in order to establish a Teaching lab facility using Analog System Design Kits at HKBK College of Engineering, Bangalore

Through this Memorandum of Agreement, the two parties agree to the following.

- (a) A **steering committee** will be set up to monitor the activities of the MoU. The committee will consist of the **Mr. Gurpreet Singh** of **M/s EdGate Technologies Pvt Limited** and the **Prof. Hussain Ahmed**. With mutual consent, the steering committee can be expanded to include more members from the two institutions. The steering committee will be the supreme body as far the implementation of the activities of the MoU, the continuation of the MoU, and termination of the MoU are concerned.
- (b) **Lab Setup:** The College will utilize their existing lab to setup "Texas Instruments Lab" **EdGate Technologies Pvt Limited** agrees to donate **ASLK PRO – 6 Numbers** to college under TI University Program to setup Texas Instruments Analog Lab **EdGate Technologies Pvt Limited** working with TI India will also provide the branding, Material to setup the lab, e.g. posters and name plates. The college will be responsible for purchasing any other equipment's required to setting up the lab and for maintenance of the lab. **EdGate Technologies Pvt Limited** agrees to set up the lab and provide the necessary initial training and learning materials to begin with utilization of Lab.
- (c) **Curriculum:** The College will explore ways to introduce a lab based courses using Texas Instruments TI Platforms in their undergraduate /post graduate engineering curriculum.
- (d) **Faculty Development Program:** Under University Program **EdGate Technologies** and **TI** will organize atleast one faculty development program at the premises of the college to help the faculty members in teaching Analog Platform using Analog kit. The college will provide the infrastructure and other facilities to conduct event successfully.
- (e) **Workshops/Events:** If the College wishes to organize a national event in the area of TI Platform, **EdGate Technologies Pvt limited /TI** will provide speakers.
- (f) **Publicity through Media :** The college does not publicize the event to other external communication about the MOU in electronic or print media without explicit permission from **EdGate Technologies Pvt Limited /Texas Instruments**. In case the college /University wants to do so, a prior approval from **Texas Instruments and EdGate Technologies Pvt limited** is required.

Authorized Signatory from the Institution


Dr. Chaitanya Kumar M.V
Principal, HKBKCE, B-45.

Authorized Signatories:

Authorized Signatory from your Company



ANNEXURE 3

STTPs

ANNEXURE 3

Short Term Training Programs (STTPs)

Dept. of Electrical and Electronics Engineering

Curriculum beyond the Syllabus

1. Student's Short term program on Advanced Embedded System

Need: This Advanced Embedded System Workshop was conducted for the students to update their knowledge in Embedded System which is very much in need in industries and basically deals with how Embedded System is important in our daily life.

Assessment: After completion of the Advanced Embedded System Workshop, dept. of electrical & electronics incorporated with Nano Robotics Embed Technologies issued certificates to all participants.

Design and Development: The syllabus has been design and developed as per the requirement of industries like how to program the LED, patterns of LED and LCD Cocepts, Introduction to Arm7. It is formulated by the Nano Robotics Embed Technologies

Outcome: After finishing the course, each student will be asked to do the project using Embedded system.

Dept. of Electrical and Electronics Engineering

Curriculum beyond the Syllabus

2. Student's Short term programme on Auto Cad Electrical.

Need: This Course was conducted for the students to update their knowledge in Auto Cad Electrical which is very much in need in industries for planning and drawing the single line diagram of power system and test them online.

Assessment: After completion of the course Cad Center will be conducting exam and certificate is issued.

Design and Development: The syllabus has been design and developed as per the requirement of industries like single line diagram, PLC, online testing of power system components. It is formulated by the Cad Center.

Outcome: After finishing the course, each student will be asked to do the project using Auto Cad Electrical.

AutoCAD Electrical Daywise Breakup- Syllabus

AutoCAD Electrical Daywise Breakup Total Duration : 40hrs Theory

Session	Topics
	<ul style="list-style-type: none">• Introduction<ul style="list-style-type: none">◦ AutoCAD Electrical◦ GUI• Project<ul style="list-style-type: none">◦ Introduction to Project Manager◦ Working with Projects
Session 1	<ul style="list-style-type: none">• Drawing<ul style="list-style-type: none">◦ Adding a Drawing◦ Create a new Drawing◦ Drawing Properties• Insert a Component• Connecting a component
Session 2	<ul style="list-style-type: none">• Create a Library Symbol• Symbol Builder• Circuit Builder<ul style="list-style-type: none">◦ Inserting a One-line Motor Circuit◦ Inserting a Dual One-line Power Feed Circuit◦ Copy circuitry• Save circuit to icon menu
Session 3	<ul style="list-style-type: none">• Component Tools<ul style="list-style-type: none">◦ Inserting Components◦ Relocating Components◦ Inserting a Child Components◦ Aligning and Editing the Components◦ Catalog Information
Session 4	<ul style="list-style-type: none">• Component Attribute Tools• Wires<ul style="list-style-type: none">◦ Wire layers◦ Wire types◦ Insert wire◦ Modify wire
Session 5	<ul style="list-style-type: none">• Signal Arrows<ul style="list-style-type: none">◦ Source arrow◦ Destination arrow

AutoCAD Electrical Daywise Breakup Total Duration : 40hrs Theory

- Ladder tools
- Wire numbers
 - Automatic wire numbers
 - Wire tagging
 - PLC I/O wire numbers
- Wire Number Edit
- PLC
 - Generate PLC Layout Modules
 - PLC parametric selection
 - Module layout
- Session 6**
 - Insert PLC modules
 - Edit PLC module
 - PLC Database File
- Point to Point Wiring Tools
 - Introduction to Connector Diagrams
 - Inserting Connectors
- Session 7**
 - Grouping Wires
- Conversion tool
 - Convert text
 - Convert arrows
 - Special Explode
 -
- Panel Layout
 - Foot Prints
 - System Reset Footprints
 - Light Footprints
 - Emergency Stop Footprints
 - Panel Footprints
 - Align Footprints
 - Creating Own Footprint
- Session 8**
- Generate Reports
 - Types of schematic reports
 - Generate a schematic report
 - Types of panel reports
 - Generate a panel report
 - Run automatic reports
 - Automatic report generation
- Session 9**
- Project
- Session 10**

Note 00

- Each above session is for 2 hours of theory.
- Equivalent no of hours have to be given for practice session.

Note 01

The above syllabus has to be completed in :

- 5 working days in an intensive program (5 days * 8 hours / day)
 - 10 working days in a Half day program (10 days * 4 hours / day)
 - 20 working days in a part time program (20 days * 2 hours / day)
-

Short term training program-CAD

Need /objectives:

To prepare the students to meet the requirements of industry.

Design and Developments :

The course was designed and developed in consultation with industry.

Resource Persons:

Trained faculty from INFIDOF solutions.

Planning:

The course was conducted after the college hours between 4.30pm and 6.30pm and on Sundays and general holidays between 10.00am and 6.00pm at CAD lab and the total duration of course was 300hrs.Total number of students attended were 20

Courses for which curriculum has been developed:

The course was developed and conducted for final year Mechanical Engineering students

Appendix – I

Syllabus: CAD

Product Definition:

- Angle of Projections, First & Third Angle Projections
- Definitions of different Planes
- First Angle Projections
- Third Angle Projections
- Comparison of 1st and 3rd Angle Projections
- Orthographic projections
- Isometric views / drawings
- Auxiliary Views
- Sectional Views
- Break out Sectional Views
- Exploded Views
- Assembly drawings,
- Part callouts / balloons
- Bill of materials

Chapter 1: Introduction

- 1.1. Introduction to CAD/CAM /CAE.
- 1.2. Parametric Design, Associative, Feature Based Modeling.
- 1.3. Parent and child relationship.
- 1.4. Graphic User Interface
- 1.5. Getting Started The With Engineering Tool
- 1.6. File types

Chapter 2: Sketcher

- 2.1. Creation tools
- 2.2. Modifying tools
- 2.3. Dimensioning & Constraints
- 2.4. Sketcher Palette
- 2.5. Sketcher Relations

Chapter 3: Part Modeling

- 3.1 Getting started With Part Modeling.
- 3.2 Base Features – Extrude, Revolve, Sweep, Blend, Swept Blend, Variable Section Sweep and Helical sweep.
- 3.3 Datum Features and Cosmetic features.
- 3.4 View Manager.
- 3.5 Engineering Features – Hole, Shell, Rib, Draft, Round and Chamfer.
- 3.6 Edit Features – Mirror, Pattern, Copy, Paste and Paste special
- 3.7 Feature Operations
- 3.8 Model Analysis
- 3.9 Edit Options – Setup.

Chapter 4: Introduction to Surface Modeling

- 4.1 Basic Surface creation Tools
- 4.2 Surface modification tools – Intersection, Merge, Trim, Offset, Extend, and Thicken and Solidify.
- 4.3 Flatten quilt, Vertex round, N-Sided patch.
- 4.4 Boundary Blend

Chapter 5: Assembly Mode

- 5.1 Getting Started With Assembly
- 5.2 Bottom-up Approach
- 5.3 Assembly Constraints.
- 5.4 Top-down Approach
- 5.5 Interference & Clearance Checks
- 5.6 Exploded Views
- 5.7 Simplified Representation.

Chapter 6: Drafting

- 6.1 Overview of Drafting
- 6.2 Creating Drawing Views
- 6.3 Insert Templates, Format
- 6.4 Show & Erase Tool,
- 6.5 Creation of Dimensions
- 6.6 Symbol Creations & Placements
- 6.7 Bill of Materials
- 6.8 Drawing Tools
- 6.9 GD & T

Chapter 7: Advanced options

- 7.1 User Defined Feature
- 7.2 Family table
- 7.3 Re-orient
- 7.4 ADV modeling tools – Toroidal bend, Spinal bend, Pipe, Surface and Solid free forms.

Chapter 8: Introduction to Sheet metal

- 8.1 Wall creation tools – Attached and Unattached
- 8.2 Bending – Creating bend, Unbend and Bend back.
- 8.3 Extend wall, Notch, Punch, Corner Relief, Rip and Merge walls.
- 8.4 Form, Flatten form, Deform area and Flat pattern.

Chapter 9: Tips & Tricks

- 9.1 Export and Import of CAD Files.

- 9.2 Managing Engineering Tool Environment.
- 9.3 Map keys and Model player.
- 9.4 File menu options.

Appendix – II

Syllabus: CAE

Chapter 1: Finite Element Analysis

- 1.1. Philosophy and evolution
- 1.2. Elements used in FEM
- 1.3. FEM procedure through XLS
- 1.4. Sample case

Chapter 2: Mechanics

- 2.1 Equilibrium and Free body diagram
- 2.2 Friction and its scope
- 2.3 SFD & BMD
- 2.4 Concepts of dynamics
- 2.5 Stress, strain, transformations, constitutive relations
- 2.6 Introduction to plates and shells
- 2.7 Sample Case

Chapter 3: Mechanical Vibration

- 3.1 Concept of free vibration and its influencing parameters
- 3.2 Forced vibration
- 3.3 Damping and Isolation concepts
- 3.4 Resonance and dynamic stress evaluation
- 3.5 Critical speed and effect of bearing structure
- 3.6 Sample case

Chapter 4: Design and Drawing reading

- 4.1 Concept of design
- 4.2 Sizing the component against failure modes
- 4.3 Limits and tolerances
- 4.4 Standard practice
- 4.5 Standards used

Chapter 5: Tool Training

- 5.1 Introduction to Analysis Tool
- 5.2 Types of Elements, Input & Output files / Checks.
- 5.3 Problems on Linear, Buckling and Vibrations (Natural Frequency/free-free analysis).
- 5.4 1D—BAR/BEAM/ROD problems.
- 5.5 2D- Plane stress/plane strain
- 5.6 2D- General Problems
- 5.7 3D-Hexa and Tetra Problems
- 5.8 Contact analysis problems.
- 5.9 RBE2 and RBE3 Problems
- 5.10 G-loads analysis problems and composite analysis
- 5.11 Complex problems on Finite element analysis
- 5.12 Problems on connecting different type of elements (1D with 2D and 2D with
- 5.13 3D and connecting HEXA with Tetra dissimilar elements)
- 5.14 Element updates with respect to different solver
- 5.15 Cross checking the results with simple hand calculation
- 5.16 FEA projects, warnings, errors, precautions & report writing
- 5.17 Advanced meshing technique's
- 5.18 Pre- processing specifications
- 5.19 Loadings
- 5.20 Boundary conditions
- 5.21 Structural Analysis
- 5.22 Linear Static Analysis
- 5.23 Non-Linear Static Analysis (Material / Geometry / Contact Non-Linearity)
- 5.24 Fatigue Analysis
- 5.25 Transient Analysis
- 5.26 Post Processing technique's

ANNEXURE 4

NSS

Annexure 4

NSS UNIT

Introduction:

NSS Stands for National Service Scheme. The main objective of the National Service Scheme as envisaged originally was service to the community, offered while undergoing instruction, in an educational institution. It was sought to arouse the social consciousness of students and provide them with the opportunity to work with the people around the educational campuses creatively and constructively and to put the education they received to concrete social use. It has been felt that the primary aim of the scheme is to enable the students to upgrade their personality and experience through community service. Every year 24th September is celebrated as NSS Day.

The Motto:

The watchword of the National Service Scheme is “Not Me But You”. This expresses the essence of democratic living and upholds the need for selfless service and appreciation of the other man’s point of view and also to show consideration for fellow human beings. It underlines that the welfare of an individual is ultimately dependent on the welfare of the society as a whole.

HKBK College of Engineering has been in the forefront of NSS activities in our University. The NSS unit has strength of one hundred volunteers. It has undertaken many socially and environmentally viable programmes. The Administrator, Mr. Abdul Hameed .S.A has been the Chief Patron and the Principal, Dr. T.C. Manjunath is the Chairman of HKBKCE NSS Unit. & Dr. S. Arshad Pasha is the NSS Programme Officer. A list of some major NSS programmes taken up by the unit is:

- 1) Celebration of Republic Day
- 2) Celebration of Independence Day
- 3) Celebration of NSS Day on 24th September
- 4) Cancer Detection Programme in association with Kidwai Institute of Oncology.
- 5) Yearly Blood Donation Camp
- 6) Free Health Checkup camps for the poor
- 7) Aids Awareness Programme
- 8) Pulse Polio Programmes
- 9) Campus Cleaning Programmes
- 10) Vanamahotsava Day
- 11) Road Repair Works
- 12) Charity Day
- 13) Ethnic Day



HKBKCE NSS Unit has organized “Blood Donation Camp” on 28.04.2012. Dr. D. Rajashekarappa & team, Indian Red Cross Society were present during the occasion. A total of 328 units were donated.





HKBKCE celebrated Independence Day on 15th August 2012, Kannada Rajyotsava on 1st November 2012 & also celebrated Republic Day on 26th January 2013 under HKBKCE NSS Unit.





HKBKCE NSS Unit organized 7 days HKBK NSS Annual Camp from 25th to 31st March 2013.

- 1) Free Dental Checkup for Students & Staff on 26th March 2013.
- 2) Free Dental Checkup for Public on 27th March 2013.
- 3) HKBK College of Engineering Campus Cleaning Work on 28th March 2013.
- 4) HSBS Layout Roads, Cleaning Work on 29th March 2013.
- 5) Planting of the Saplings at HKBKCE Campus on 30th March 2013.
- 6) An Awareness Programme about Indian Constitution was conducted by Prof. Uma Manjunath on 31st March 2013.

The impetus is to give the students best educational experience in order to make them responsible and productive citizens of the country.

ANNEXURE 5

FEEDBACK FORMS

ANNEXURE 5

SURVEY / FEEDBACK FORMS

1. STUDENT: SURVEY QUESTIONNAIRE

(Semester ☐ Annual ☐ Exit ☐)

Dear Student,

The department is seeking accreditation from National Board of Accreditation; the assessment of the programme outcomes is to be through students' survey.

To what strengths / extent has University course curricula (syllabus) **contributed** to your **Learning Outcomes** and abilities in the following areas? For each of the Program Outcomes (a-k) given below, which of the four statements (1-4) aptly describes your understanding, Please include any comments.

Branch:	Semester/Year:	USN:
Name:	Signature	

1 No contribution: 2 Weak contribution: 3 Average contribution: 4 Strong contribution:

Your assessment ►	Strength of contribution?			
	None	Weak	Avg.	Strong
Learning Outcomes ▼	1	2	3	4
(a) an ability to apply knowledge of mathematics, science, and engineering.				
(b) an ability to design and conduct experiments, as well as to analyze and interpret data..				
(c) an ability to design a system, component, or process to meet desired needs within realistic constraints such as economic, environmental, social, political, ethical, health and safety, manufacturability & sustainability,				
(d) an ability to function on multidisciplinary teams.				
(e) an ability to identify, formulate, and solve complex engineering problems..				
(f) an understanding of professional and ethical responsibility.				
(g) an ability to communicate effectively,.				
(h) the broad education necessary to understand the impact of engineering solutions in a global, economic, environmental, and societal context,.				
(i) a recognition of the need for, and an ability to engage in life-long learning,.				
(j) a knowledge of contemporary issues, and				
(k) an ability to use the techniques, skills, and modern engineering tools necessary for engineering practice.				
(l) <i>an ability to apply advanced mathematics, including probability and statistics in solving electronics & communication engineering problems.</i>				

After your graduation what do you wish to do: Please tick (✓) any one of the following

- ☐ ① Pursue PG studies (area?.....) |
 ☐ ② Pursue research |
 ☐ ③ Seek employment
☐ ④ Get self employed |
 ☐ ⑤ Go abroad (higher studies / job). |
 ☐ ⑥ IAS/IPS/IRS etc.
☐ ⑦ Any other (specify).....

Please enter order of your priorities!							
Your comments about the above:							

STUDENT: SURVEY QUESTIONNAIRE

To what extent the following programme educational objectives fulfilled by the Institute? For each of the Program Educational Objectives (1-5) given below, which of the four statements (1-4) aptly describes your understanding, Please include any comments.

1 No contribution: 2 Weak contribution: 3 Average contribution: 4 Strong contribution:

Your assessment ►	Strength of contribution?			
	None	Weak	Avg.	Strong
Programme Educational Objectives ▼	1	2	3	4
PEO-1: To educate to be an Electronics and Communication Engineering graduate with an ability to pursue higher studies in global scenario				
PEO-2: To enable the learners to be highly competent Electronics and Communication Engineers with in-depth knowledge in the engineering fundamentals and chosen domain.				
PEO-3: To impart the knowledge to the students to be able to function in a team with varied professional background or fields of Engineering and Technology to be able to meet the challenges of competitive field.				
PEO-4: To enable the Electronics and communication engineering graduates in a truly [4] professional way with ethical approach in solving and serving the needs of the society with humane approach				
PEO-5: To motivate the Electronics and communication engineering graduates to keep [1, 5] abreast with modern ever changing engineering and technologies and applications to evolve with innovative solutions and to build a carrier of their own with leader ship qualities				

SERVICES: The following are to be answered by GRADUATING STUDENTS (final year's) only
Please tick [✓] Level of satisfaction: [1] Poor, [2] To improve, [3] Satisfactory, [4] Good, [5] Excellent,

Services▼	[1]	[2]	[3]	[4]	Comment on your experiences on these Services
1. Office Help:					
2. Tech Forums:					
3. Classrooms:					
4. Lab Facilities:					
5. Placement:					
6. Library:					
7. Internet:					

8. Transport:					
9. Canteen:					
10. Hostels:					
11. Sports:					
12. Cultural Forums:					
13. Drinking water:					
14. Toilets:					
15. Other services?					Pl mention

(Note: you can take home this form, study, answer and return):

(Please print Page 1 and 2 back to back and distribute)

2. Satisfaction Survey form

SERVICES: The following are to be answered by GRADUATING STUDENTS (final year's) only

Please tick [✓] Level of satisfaction: [1] Poor, [2] To improve, [3] Satisfactory, [4] Good, [5] Excellent,

Services▼	[1]	[2]	[3]	[4]	Comment on your experiences on these Services
S1. Office Help:					
S2. Tech Forums: Guest Speaker / lectures / Ind. visits					
S3. Classrooms: (Space, AV equipment etc.)					
S4. Lab Facilities: (equipments, maintenance and calibration)					
S5. Placement: proactive? soft skill training etc.,					
S6. Library: Titles, volumes, digital lib. Journals					
S7. Internet: Band width, speed, access 24x7,					
S8. Transport: (Rout, schedule, seating, standing vehicle condition etc.)					
S9. Canteen: (Cleanliness/menu/waiting/price)					
S10. Hostels: (Cleanliness, Power, Security, Discipline, mess facility)					
S11. Sports: (Gym, fields, encouragement, trainers)					
S12. Cultural Forums: encouragement and festivities					
S13. Drinking water:					


S14. Toilets: (hygienic, water supply)					
S15. Use of ICT / LCD use in teaching					Pl mention
S16. Common Room (furniture, locker, toilet)					
S17. Medical Facility					
S18. Safety and security in the Campus					
S19. Parking Facility (Space, safety)					
S20. Cooperative Society/college stationary shop?					
S21. Faculty relationship with students'					
S22. Overall teaching level					
S23. Tutorials and mentoring					
S24. Assistance to Project work					
S25. Interaction of management with students?					

(Note: you can take home this form, study, answer and return):

(Please print Page 1 and 2 back to back and distribute)

CODE	SERVICE PARAMETERS	RUBRICS
S1	Office Help:	Satisfactory
S2	Tech Forums: Guest Speaker / lectures / Ind. visits	Good
S3	Classrooms: (Space, AV equipment etc.)	Excellent
S4	Lab Facilities: (equipments, maintenance and calibration)	Excellent
S5	Placement: proactive? soft skill training etc.,	Good
S6	Library: Titles, volumes, digital lib. Journals	Excellent
S7	Internet: Band width, speed, access 24x7,	Satisfactory
S8	Transport: (Rout, schedule, seating, standing vehicle condition etc.)	Good
S9	Canteen: (Cleanliness/menu/waiting/price)	Good
S10	Hostels: (Cleanliness, Power, Security, Discipline, mess facility)	Satisfactory
S11	Sports: (Gym, fields, encouragement, trainers)	Satisfactory
S12	Cultural Forums: encouragement and festivities	Good
S13	Drinking water:	Satisfactory

S14	Toilets: (hygienic, water supply)	Good
S15	Use of ICT / LCD use in teaching	Good
S16	Common Room (furniture, locker, toilet)	Satisfactory
S17	Medical Facility	Satisfactory
S18	Safety and security in the Campus	Good
S19	Parking Facility (Space, safety)	Good
S20	Cooperative Society/college stationary shop?	Satisfactory
S21	Faculty relationship with students'	Excellent
S22	Overall teaching level	Excellent
S23	Tutorials and mentoring	Good
S24	Assistance to Project work	Excellent
S25	Interaction of management with students?	Good

	HKBK College of Engineering 22 / 1, Nagawara, Arabic College Post, Bangalore-560045, Karnataka Staff Half Yearly Self-Appraisal (Semester wise) Summarize your overall activities & contributions to department & to the institute in previous semester						Photo
Department of							
Academic year :			Sem :			to	
Name of the faculty		:					
Designation (current status)		:					
Date of Joining the institution		:					DOB
Qualification & specialization (before joining college UG/PG/PhD)		:	Qual				
		:	Spn.				
Qualification obtained (after joining college)		:	Qual	-			
		:	Spn.	-			
Month & year in which you were promoted & to what designation?		:					
Total yrs. of service in the institution (y / m)		:					
Total yrs. of service outside HKBK (y / m)		:					
Industrial Experience (y / m)		:					
Total experience		:					
Are you pursuing your PG course, if yes where ?		:					
Are you a doctorate (Yes / No) ?		:					
If yes, from which univ. you obtained Ph.D. ?		:					
Whether registered for Ph.D. (Yes / No) ?		:					
Under which university are you doing Ph.D. ?		:					
Course-work completed / status / submitted		:					
How long you are pursuing your Ph.D. ?		:					

No.	List of coordinator-ships taken	No.	List of coordinator-ships taken
1		5	
2		6	
3		7	
4		8	

Teacher appraisal by the students (FEEDBACK) :

No.	Semester	Subject Name	Subject code	Sem / Class / Sec	Feedback score	Grade

No. of Publications / Research Papers already Published (in one semester only) :									
No. of National Journals With & w/o IF	w/o IF		No. of International Journals With & w/o IF	w/o IF	-	No. of National conferences	-	No. of International Conferences	-
	with IF			with IF	-				
No. of Text Books Published	-		No. of Patents Indian Foreign	Ind	-	No. of lab manuals developed	-	No. of monographs / book chapters published	-
				For	-				-

A. Details of Seminars / Workshops / FDP's / SDPs / Trainings / Conference : (attended / conducted)									
No. of UG project works guided	-		No. of PG projects guided	-		No. of Ph.D. students Guiding : Guided :	-		
No. of seminars / guest / expert lectures / invited talks / keynotes / attended			No. of workshops attended			No. of FDP's attended	-		
No. of short term courses attended	-		No. of conferences attended	-		No. of Technical Symposiums attended	-		
No. of seminars / guest / expert lectures / invited talks / keynotes conducted - given			No. of workshops conducted			No. of FDP's conducted	-		
No. of short term courses conducted	-		No. of conferences conducted	-		No. of Technical Symposiums conducted	-		
No. of times chaired / co-chaired a session or judge in an event	-		No. of staff training programme conducted	-		No. of student development programmes conducted	-		
Total amount of grant obtained from various funding agencies for projects	-		No. of research projects undertaken	-		No. of research proposals (R & D) submitted	-		
No. of student training programs conducted	-		No. of new labs developed	-		No. of lab incharges	-		
How much revenue generated by you to the college (in rupees) ?	-		Number of awards obtained (best-papers / national / state awards, etc...)	-		No. of times gone as subject expert or just as expert in other college or in events	-		
No. of consultancy activities conducted & details	-		No. of times being a reviewer for national & international journals / conferences	-		No. of times your achievements appeared in the newspaper, TV & in magazines	-		
No. of industrial visits organized for the students as the chief initiator	-		No. of times being an advisory board member / editorial board member in journals / Conference committee, etc..	-		No. of times foreign countries visited for paper presentations & other related issues (abroad)	-		
No. of MOU's signed as the chief initiator	-		No. of Industry-institute interactions initiated	-		Taking i/c of students & training them to win prizes in quiz, debate, sports, cultural, etc....	-		
How many subjects you got 100 % result (only theory) ? (name them with initials)	-		Total work load taken in a semester (units/wk)	16		No. of answer booklets evaluated in a semester in VTU valuation	-		
No. of FC's obtained in the sub 1 / 2 / 3 Out	S		No. of FCD's obtained in the sub 1 / 2 / 3 Out of	S		No. of IA duties / VTU invigilation duties / lab exam	IA	-	
	S			S			VTU	-	

of so many no. of students (Theory / labs)	2			so many no. of students (Theory / labs)	2			duties done, in & out of the college along with DCS duties		
	S				S				LAB	-
	3				3				DCS	-
	S				S				SQD	-
	4				4					
	S				S					
	5				5					

Result Analysis for both theory / practical subjects (after Revaluation) during the particular semester

* NO. OF STUDENTS HAVING MKS < 15 IN IA TEST OR < 13 IN LAB INTERNALS

N O.	SEM BRANC H SEC (EX. 4ECA)	EXAM J - D - DEC MONT H YEAR	U G P G U P	SUBJECT CODES (THY / LAB)	SUBJECT HANDLE D NAMES (INITIALS)	STUD- ENTS APPE- -ARED	IA MKS *	NO. OF THY CLASS ES/ LABS TAKE N	A B S	STUDENTS PASSED	F A I L	F C D	F C	S C	% PASS WITH REP (AFTER- RV)	% PASS W/O REP (AFTER- RV)
1.																
2.																

Subjects handled in the particular semester:

Sem- Branch Sec Ex: 4ECA	Subject code Theory / Lab	Subject name Theory / Lab	No. of lab Batches No. of Thy. Periods per week	Work-load (Units / week)
			Total work load	Periods / week Units / week

MEMBER OF PROFESSIONAL BODIES : ISTE / IETE / IEEE / CSI / SAE / IE	ISTE
---	-------------

	Subject 1 / 2 / 3, etc with details, date, nos....
No. of assignments given	
No. of question banks given	
No. of tutorial classes conducted	
No. of remedial classes conducted	
No. of weak students classes taken	
No. of counseling's done as mentor	
Teaching Methodology & aids used	
Lesson planning done for lab / theory ?	
Notes prepared for the subjects handled	
Work dairy completed ?	
No. of MEMOS / Warnings given	

Various administrative roles & responsibilities undertaken by the staff (contributions) - Give details (in ONE line only) about all round achievements of yourself in the concerned semester 50 points per semester (proofs should be there)

No.	Achievements / Contributions to the department & to that of the institute
1.	
2.	

Note : Proofs for all the items mentioned (half yearly semester wise achievements) should be kept & shown to the principal / management in your academic, personal file when asked, also - declare (Yes / No) that what you have written here everything is correct & nothing is false (**no FAKE info should be provided by the staff**), if found false / fake or ambiguity exists, then a memo will be given asking the concerned to give an explanation depending upon which, suitable action may be initiated, note that your overall performance depends on your achievements in that semester. To assess your yearly performance, 2 semester staff appraisals are taken for increments / promotions, etc... for that year.

Declaration : YES / ~~NO~~ (strike out whichever applicable)

Faculty / staff name / sign / seal

4. STUDENT FEEDBACK FORM

Faculty feedback

Dear Student,
We value your staff feedback very much as it will greatly help us in improving our performances for the future & also for the accreditation process....

Branch	ECE		Semester / Section		3 rd A		Date of feedback			
Subject Code	10MAT31	10ES32	10ES33	10ES34	10ES35	10ES36	10ESL37	10ESL38		
Subject Name (Abrev)	MATHS	AEC	LD	NA	EI	FI	AE LAB	LD LAB		
Faculty Initials	AS	PG	SHM	ZT	AS	HA	SHK/PG	IA/SHM/SB		

(Please refer overleaf for the descriptors for assigning weightage against each Query : 4-Highest priority, 1-least priority)

No	Queries	4/3/2/1	4/3/2/1	4/3/2/1	4/3/2/1	4/3/2/1	4/3/2/1	4/3/2/1	4/3/2/1	4/3/2/1
1.	How does the teacher explain the subject?	3	4	4	4	4	4	4	4	
2.	Does the teacher encourage students for questions and discussion?	3	4	4	4	3	4	4	4	
3.	How does the teacher stimulate you to think about the subject?	4	4	4	4	4	4	3	3	
4.	To what extent the teacher complete the syllabus/course content.	4	4	4	4	4	4	4	4	
5.	Effective usage of class time for knowledge transfer.	3	4	4	4	4	4	4	4	
6.	Time taken to return the corrected test papers?	4	4	4	4	4	3	4	4	
7.	Comment on the teacher's control and command over the class?	3	4	4	4	4	4	4	4	
8.	What is the attitude of the teacher towards you?	4	4	4	4	4	4	4	4	
9.	How punctual is the teacher to the classes?	4	4	4	4	4	4	4	4	
10.	The teacher's involvement in the Lab courses?							4	4	

Comments about the staff member / s (Compulsory to write)

5. STAFF SURVEY FORM

FACULTY SURVEY QUESTIONNAIRE

Dear Member of Faculty,

What do you want the students to have or be able to do? in the subjects (Th/Lab) you have taught.*

To what extent has University curricula (syllabus) contributed to the learning and imparting of abilities in the following areas? For each of the Program Outcomes (a-k) given below, which of the four statements aptly describes your understanding, Please include any comments.

Branch:	Class level -Theory	1 st year	2 nd year	3 rd year	4 th year
Physics / Chemistry / Moths / HSS	Practical / Lab	1 st year	2 nd year	3 rd year	4 th year
Name:		Please tick (✓) applicable level or levels			

<i>(Appropriate to subject you have taught)</i> Your assessment ►	Very little	Some extent	Quite a bit	Very much
Programme Outcomes ▼	1	2	3	4
a) an ability to apply knowledge of mathematics, science, and engineering,				
b) an ability to design and conduct experiments, as well as to analyze and interpret data,				
c) an ability to design a system, component, or process to meet desired needs within realistic constraints such as economic, environmental, social, political, ethical, health and safety, manufacturability, and sustainability,				
d) an ability to function on multidisciplinary teams,				
e) an ability to identify, formulate, and solve engineering problems,				
f) an understanding of professional and ethical responsibility,				
g) an ability to communicate effectively,				
h) the broad education necessary to understand the impact of engineering solutions in a global, economic, environmental, and societal context,				
i) a recognition of the need for, and an ability to engage in life-long learning,				
j) a knowledge of contemporary issues, and				

k) an ability to use the techniques, skills, and modern engineering tools necessary for engineering practice.				
Your expectations as to the priorities of the graduates in respect of the following:				
Pursue (1) PG studies (communication) (2) research / (3) seek employment / (4) get self employed / (5) go abroad (higher studies / job). (6) IAS/IPS/IRS etc. (7) Any other (specify)				
List Priorities: Example say	3	5	1	4
Your comments.				

*Thank you for participating in the survey
Please list the subjects taught overleaf

DEPARTMENT:

	Name of Faculty in capital letters:	Date of Joining the Institute:

	Subject(s) / Course(s) taught since joining the institute Mention Semesters, also indicate against the subject as to how many times it is taught, this is to avoid repetitions of the subject names in the list.			Theory/ Lab Project/ Elective	No. of times taught or batches guided	Needs reworking (RW) / continue (CO) / Replace (RP) / Strengthen (ST)
	Sub Code	Name of the Course/Subject	SEM			
1.						
2.						
3.						
4.						
5.						
6.						
7.						
8.						
9.						
11.						

12.						
13.						
14.						
15.						
16.						
17.						
18.						
19.						
20.						
21.						
22.						

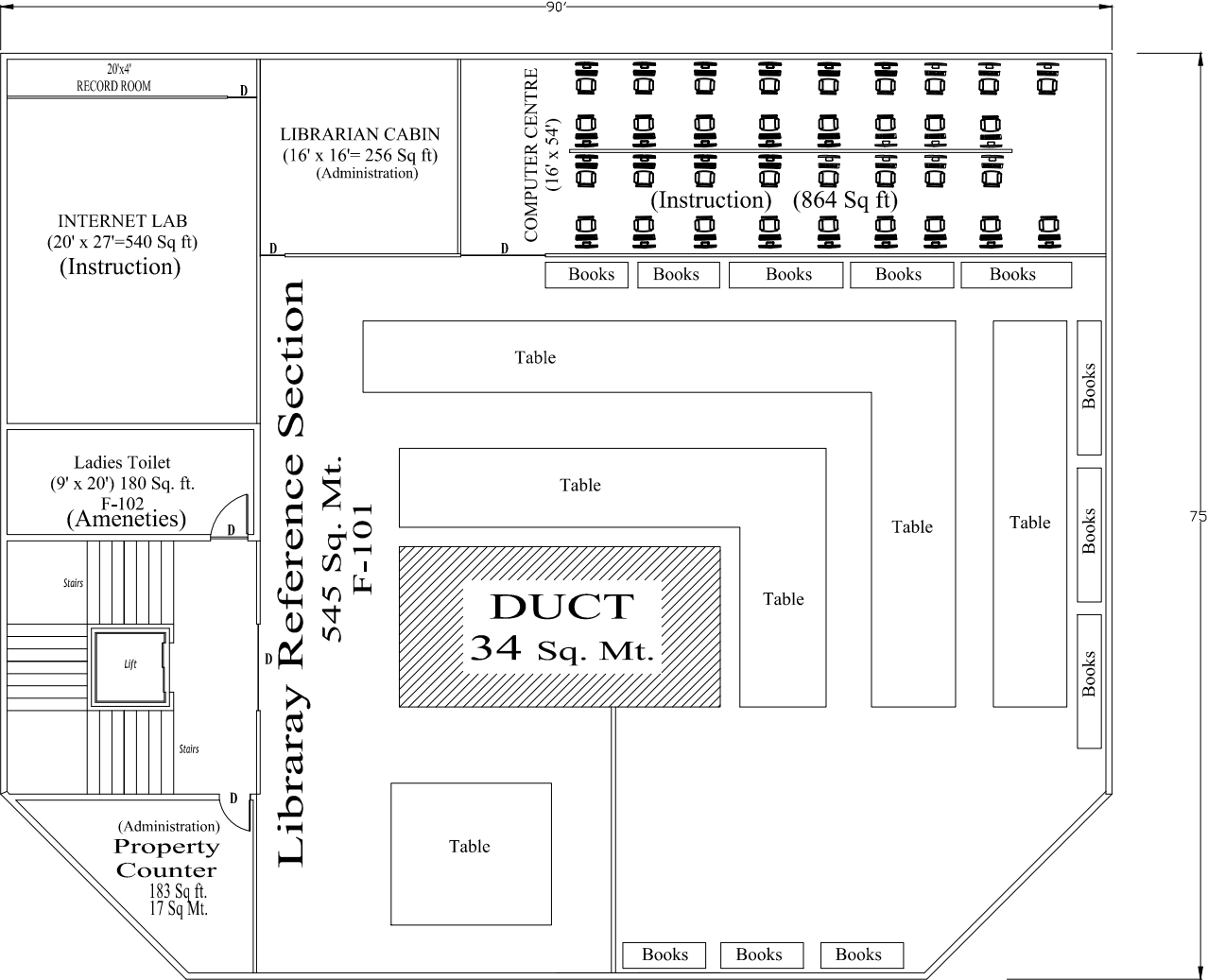
Date:

Signature

ANNEXURE 6

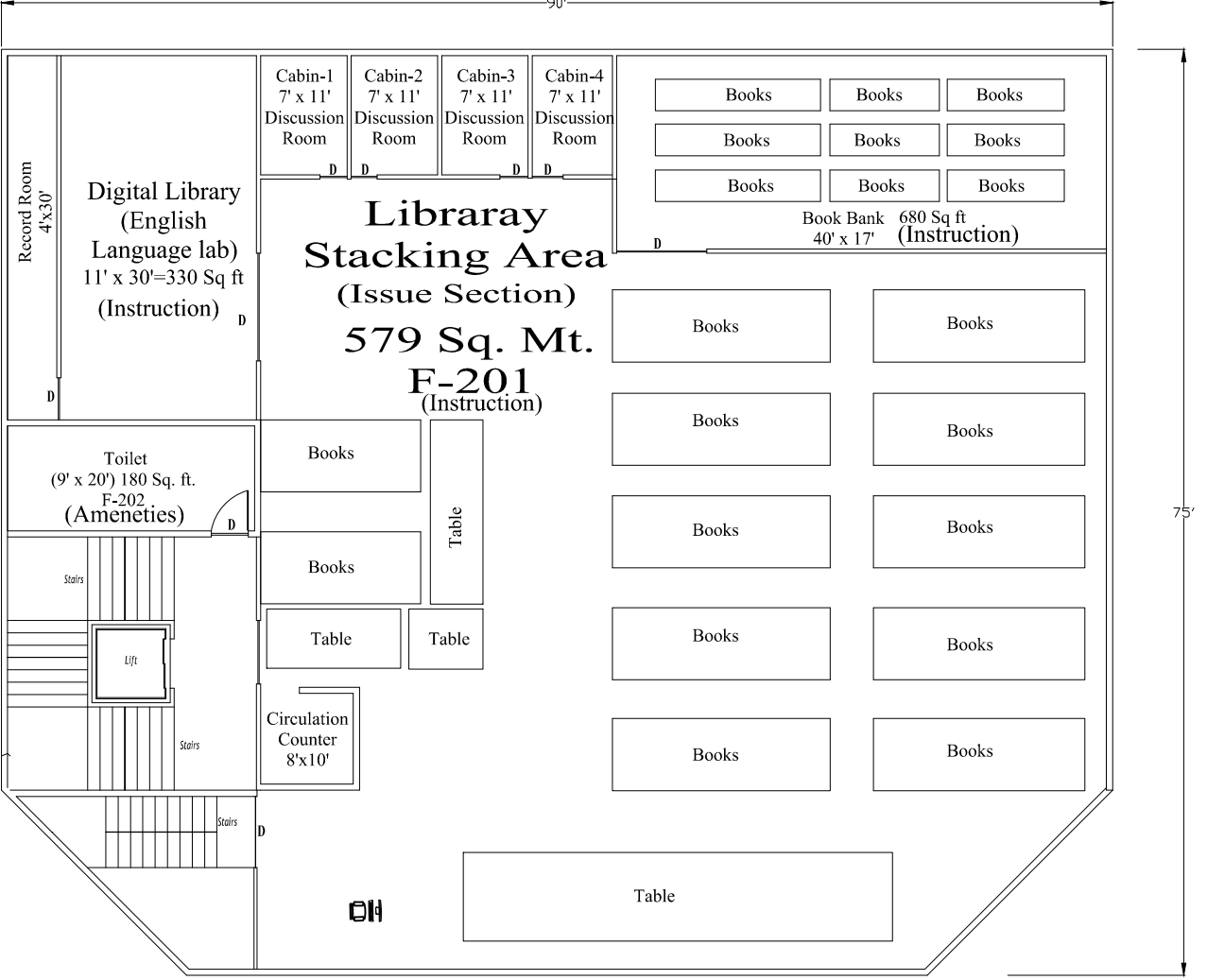
LIBRARY LAYOUT

HKBK COLLEGE OF ENGINEERING,
NAGAWARA, BANGALORE



F- BLOCK
First Floor Details

HKBK COLLEGE OF ENGINEERING,
NAGAWARA, BANGALORE



F- BLOCK
Second Floor Details

ANNEXURE 7

SYSTEM CONFIGURATION

Annexure 7

Sl. No.	Dept.	System Conf.	Count	Total
1	CSE	HP 6300, Core i5, 8 GB, 500 GB	31	
2		HP 8100, Core i3, 4 GB, 320 GB	1	
3		HP 6120, Pentium D, 2 GB, 160 GB	54	
4		HP 7200, Pentium D, 1 GB, 160 GB	36	
5		HP D290, Pentium D, 2 GB, 160 GB	24	
6		HP 2280, Pentium D, 2 GB, 160 GB	6	
7		HP XEON ML 150, 1 GB, 72 GB	1	
8		E Machine, 1 GB, 160 GB, 10"	2	
9		DELL 11Z, Core i3, 2 GB, 160 GB, 11"	1	
10		HP 450, Core i3, 4 GB 500 GB Laptop	1	
				157
1	ISE	HP 2480, Core2DUO, 2 GB, 160 GB	58	
2		HP 2700, Dual Core, 2 GB, 160 GB	25	
3		HP 2280, Pentium D, 1 GB, 160 GB	7	
4		HP 7200, Pentium D, 512 MB, 160 GB	3	
5		HP 6300, Core i5, 8 GB, 500 GB	1	
6		HP 280, Core i3, 4 GB, 500 GB	20	
7		Intel P4, 512 MB, 40 GB	3	
8		HP 450, Core i3, 4 GB 500 GB Laptop	1	
9		E Machine, 1 GB, 160 GB, 10"	2	
				120
1	ECE	HP XEON 350, 8 GB, 250 GB	1	
2		HP 2280, Pentium D, 2 GB, 160 GB	53	
3		HP 2700, Dual Core, 2 GB, 160 GB	25	
4		HP 450, Core i3, 4 GB 500 GB Laptop	1	
5		Intel P4, 256 MB, 40 GB	3	
				83
1	EEE	HP 3330, Core i5, 8 GB, 500 GB	20	
2		HP 2480, Core2DUO, 2 GB, 320 GB	36	
3		HP 2280, Pentium D, 512 MB, 120 GB	1	
4		HP 450, Core i3, 4 GB 500 GB Laptop	1	
5		Intel P4, 512 MB, 120 GB	2	
6		Intel P4, 256 MB, 40 GB	3	
				63
1	ME	HP 2480, Core2DUO, 2 GB, 160 GB	72	
2		HP XEON ML 110, 2 GB, 80 GB	1	
3		HP , Core i7, 8 GB, 500 GB	6	
4		HP 450, Core i3, 4 GB 500 GB Laptop	1	
5		Intel P4, 1 GB, 40 GB	3	
6		Intel P4, 512 MB, 40 GB	3	
7		Intel P4, 512 MB, 80 GB	1	
8		Intel P4, 256 MB, 40 GB	1	
9		Intel P3, 512 MB. 80 GB	1	
10		Intel P3, 512 MB. 40 GB	1	
11		Intel P2, 256 MB. 4 GB	1	
				91
1	Physics	HP 2280, Pentium D, 2 GB, 160 GB	1	
2		HP 450, Core i3, 4 GB 500 GB Laptop	1	
				2
1	Chemistry	HP D290, Pentium D, 2 GB, 160 GB	1	
2		HP 450, Core i3, 4 GB 500 GB Laptop	1	
3		Intel P4, 1 GB, 80 GB	1	
				3

Sl. #.	Dept.	System Conf.	Count	Total
1	Maths	Intel P4, 2 GB, 80 GB	1	
2		HP 450, Core i3, 4 GB 500 GB Laptop	1	
				2
1	Office	HP XEON ML 150, 1 GB, 160 GB	1	
2		Intel P4, 2 GB, 160 GB	1	
3		Intel P4, 3 GB, 500 GB	1	
4		Intel P4, 3.5 GB, 500 GB	1	
5		HP 3330, Core i3, 4 GB, 500 GB	1	
6		HP 6120, Pentium D, 2 GB, 160 GB	1	
				6
1	Accounts	HP 280 G1, Core i5, 4GB, 500 GB	2	
2		HP D290, Pentium D, 2 GB, 250 GB	1	
3		HP D290, Pentium D, 2 GB, 160 GB	3	
				6
1	Principal	DELL Inspiron, Core i5, 4 GB, 500 GB	1	
2	PA	HP 7200, Pentium D, 2 GB, 160 GB	1	
3	Siddiq	HP 2280, Pentium D, 2 GB, 160 GB	1	
4	Chandana	DELL Inspiron, Core i5, 4 GB, 500 GB	1	
				4
1	HRD	HP 2280, Pentium D, 2 GB, 160 GB	1	
2		Intel P4, 1 GB, 80 GB	2	
3		DELL Inspiron, Core i5, 4 GB, 500 GB	1	
				4
1	Exam	HP 6120, Pentium D, 2 GB, 160 GB	1	
2		Intel P4, 2 GB, 80 GB	1	
		Intel P4, 2 GB, 40 GB	1	
				3
	Admissions	DELL Inspiron, Core i5, 4 GB, 500 GB	3	
				3
1	Library	HP XEON ML 150, 512 MB, 80 GB	1	
2		N-Computing L-300 Thin Clients	30	
3		HP 2280, Pentium D, 2 GB, 160 GB	1	
4		Intel P4, 1 GB, 160 GB	1	
5		Intel P4, 512 MB, 80 GB	21	
6		Intel P4, 2 GB, 120 GB	1	
7		Intel P4, 1 GB, 80 GB	1	
				56
1	MBA	Intel P4, 512 MB, 80 GB	6	
2		HP 2280, Pentium D, 1 GB, 160 GB	1	
3		HP 450, Core i3, 2 GB 160 GB	1	
				8
1	Servers	HP DL 360G6, 8 GB, 300 GB Rack Mount	1	
2		IBM XEON E3, 8 GB, 500 GB	2	
				3
		Thin Clients		30
		Servers		8
		Desktops		556
		Laptops		20
		Total Number of Computers	614	614

ANNEXURE 8

GC RESOLUTION

Proceedings of the meeting of the Governing Council Members of HKBK College of Engineering held on Tuesday 30th June 2015 @ 11:00 A.M at the conference hall of the College

Members Present:

1. Mr. C. M. Ibrahim - Chairman
2. Mr. C. M. Faiz Mohamed - Member
3. Mr. C. M. Sadiq - Member
4. Mr. Manzoor Ahmed Khan - Member
5. Prof. Zahoor Ahmed - Member
6. Mr. Syed Haroon Rasheed - Member
7. Mr. Syed Saifulla - Member
8. Mr. Altaf Ahmed - Member
9. Mr. Iqbal Khan - Member
10. Dr. Chaitanya Kumar. MV - Member

quell
faiz

Manzoor
haroon

Chaitanya

Members Absent:

1. Dr. H. P. Nanda
2. Mr. K. A. Nisar Ahmed
3. Mr. Abdul Qadir Theruvath

The meeting commenced with the recitation of the Holy Quran by Prof. Zahoor Ahmed.

SUBJECT: H41 The proceedings of the Governing Council Meeting held on 31st December 2014 was read & adopted.

SUBJECT: H42 The Principal's report highlighting the progress of the college was reviewed.

SUBJECT: H43 The purchases of various lab equipments, computers and accessories for various departments/labs for the period from 01.01.2015 to 30.06.2015 for the even semester were placed before the Governing Council members and were ratified.

SL.No	Particulars	Quantity	Rate	Amount	Dept
1.	Quata 65 AH SMF batteries	16 Nos.	5,940.00	85,000.00	ECE
2.	Computer Accessories	-	1,12,067.00	1,12,067.00	College
3.	Lab Equipments	-	-	12,23,343.00	Civil
	Total			14,20,410.00	

SUBJECT: 444 The Principal brought to the notice of the Chairman, Director & the Governing Council Members that the following activities were conducted in the college during the period from 1st Jan 2015 to 30th June 2015.

(i) The VII Alumni meet was organized in the college on Saturday 10th January 2015.

(ii) Department of Electrical & Electronics Engineering, HKBK College of Engineering organized Internship Programme for the 7th Semester students on Solar Energy in association with KPCL, Bengaluru from 5-7 January 2015. The venue of the program was KPCL, Anand Rao circle, Bengaluru

(iii) Department of Computer Science & Engineering organised a SDP on CCNA - CISCO certified Network Associate by Networkers Home from 12th - 24th Jan 2015

(iv) Students of 5th Sem Civil Engineering, Department of HKBKCE went on a 15 day extensive survey camp at Ghadi Subramanya near Doddabalapur from 18th Jan to 2nd Feb 2015. They were accompanied by 6 staff members, 5 projects were completed by all the students and at the end of sixth semester they have faced viva-voce on these projects.

(v) Prof. Harish, Prof. Jagadeesh & Prof. Surendra K.V conducted an FDP on MATLAB or SIMULINK and DSP Processors on 02/02/2015. Students Shaik Aileen ur Rehman & Yassar Arfath from 6th Sem and Ayesha Haroon 8th Semester, Dept of ECE participated at the National Conference on Innovative Engineering Technologies Christ University, Kengeri Campus on February 13th & 14th 2015 and presented a paper titled "Development of SOC for Network Address & Error Correction using Parity Bit at Transport Layer in VLSI using Cadence 'Tool' under the guidance of Ms. Subiya Yaseen, Asst. Professor

Dept of ECE.

- (vi) Mr. Shaikh Akeem ur Rehman, Subiya Mehreen, Samrudhi, Sunil chikku, Cherian Ashok, Guto Yasir Yasar, Ms. Leema students of 6th Semester under the guidance of Ms. Subiya Yaseen, Assistant Professor, Dept of ECE participated and presented papers @ The National Conference conducted by IETE students forum at Adhyanmaan College of Engineering, Hosur, Tamil Nadu on 17th & 18th March 2015 and won the first and second best paper ward.
- (vii) The NSS Unit of HKBK College of Engineering conducted a one day Blood Donation Camp @ HKBKCE campus on 23rd March 2015 in association with Indian Red Cross Society in which around 180 units of blood were collected
- (viii) The NSS Unit of HKBK College of Engineering conducted the garbage awareness programme in the surrounding areas of HKBK College of Engineering on 28th March 2015 in which the students & the staff of HKBK College of Engineering took an active part.
- (ix) The College Annual Day Calypso 2015 was celebrated on Saturday 25th April 2015 at Dr. B.R. Ambedkar Bhavan
- (x) The 15th Graduation Day for the out going students of 8th Semester was celebrated in the college on 23rd May 2015
- (xi) The HIC of VTU visited the college on 26th May 2015.
- (xii) The department of ISE in association with Infosys conducted a 3 day Campus connect train the trainee programme on Design and implement of database using oracle 11g from 3rd June to 5th June 2015.

SUBJECT: A45 The Principal informed the Chairman, Director and the members present the List of companies visited the college for Placement Programmes during Jan to June 2015.

Sl.No.	Name of the Company	Date of Visit
1.	NTT Data	05.01.2015
2.	Pooled CRP by M/s. Vtiger	12.01.2015
3.	Aryaka Networks	23.01.2015
4.	M/s. Sonata	3 rd & 4 th Feb 2015
5.	M/s. American Megatrends India (off campus)	At Vijaya Vittala Inst of Tech 16.03.2015

6.	M/S. Mphasis (Off Campus)	At SJC Inst of Technology 16.3.15
7.	M/S. Sigma Info solutions (Off Campus)	Nagarjuna College of Engineering
8.	Indian Air Force	28 th Feb & 1 st March 2015
9.	M/S. Good Through Software Solutions Pvt. Ltd	10 th March 2015
10.	M/S. PEOL Technologies	3 rd March 2015
11.	M/S. Hnawee	12 nd May 2015.
12.	M/S. Microland	17 th June 2015

SUBJECT: 447 The Appointment of the following staff members during the period from 01.01.2015 to 30.06.2015 in various departments was placed before the Governing Council Members & was ratified.

Sl. No.	Name of the staff Member	Designation	Department	Date of Joining	Salary.
1.	Dr. J. Fazlur Rahman	Professor	ME	12.01.2015	40,000/- (con)
2.	Prof. Malashree . G	Asst. Prof	EEF	02.02.2015	21,600/- + Allowances
3.	Mrs. Deepika	Teaching Asst	EEF	02.02.2015	16,000/- (con)
4.	Prof. Tanveer Ahmed	Asst. Prof	Maths	02.02.2015	25,000/- (con)
5.	Mr. C.M. Faisal	Marketing Exec	M&A	02.02.2015	28,000/- (con)
6.	Prof. Ramakrishna Sabat	Asst. Prof	ME	09.02.2015	40,000/- (con)
7.	Mr. Rabeers Sainulabudeen	V. President HKBK B. School	M&A	09.02.2015	90,000/- (con)
8.	Mrs. Sabiha Sultana	Instructor	ECF	10.02.2015	4,775/- + Allowances
9.	Mr. Muzammil Shah	Instructor	Civil	24.02.2015	15,000/- (con)
10.	Mr. Nitin Nanda Kumar	Office Steno	Admin.	02.03.2015	15,000/- (con)
11.	Prof. S. Swarnamba	Asst. Prof	ECF	05.03.2015	21,910/- + Allowance
12.	Mrs. Anees Lathinsa	Teaching Asst	ECF	05.03.2015	15,000/- (con)
13.	Mrs. Fashana Parveen	Counselor	M&A	09.03.2015	20,000/- + Variable
14.	Mr. Hanumantraya	Asst. Prof	ME	09.03.2015	12,000/- (con)
15.	Mr. Abdul Azeez	Asst. Prof	ECF	10.03.2015	21,910/- + Allowances
16.	Mrs. Sanveen Fiza	Asst. Prof	ECF	16.03.2015	25,000/- (con).
17.	Mrs. Arshiya Sultana	Asst. Prof	ME	16.03.2015	22,000/- (con)
18.	Ms. Juliana Phileason	Ac. Counselor	M&A	01.05.2015	20,000/- + Incentives
19.	Ms. Pinky Patel	Ac. Counselor	M&A	27.04.2015	13,000/- + Incentives
20.	Mrs. Hameefa Begum	English Faculty Language Lab		29.04.2015	15,000/- + Incentives
21.	Ms. Manant Kaur	Ac. Counselor	M&A	29.04.2015	23,000/- + Incentives
22.	Ms. Bhavya. N	Mys. Admin	M&A	11.05.2015	28,000/- (con)
23.	Ms. Priithika. B. S	Brs. Executive	Admin	11.05.2015	33,000/- (con)

24.	Mr. Jubal Varghese	Ac. Counselor	M & A	13.05.2015	17,000/- + Incent
25.	Mr. Tanveer Baig, Z	Asst. Prof	ECE	25.05.2015	18,000/- (Con)
26.	Prof. T. Sreenivasalu	Assoc. Professor	ECE	23.05.2015	35,000/- (Con)

SUBJECT: 448 Also the resignation/retirement of the following staff members during the period 01.01.2015 to 30.06.2015 in the various departments was placed before the Governing Council Members and was ratified.

Sl No.	Name of the staff Member	Designation	Department	Date of Resign.
01.	Prof. Aishwarya. B	Asst. Prof	EEE	31.12.2014
02.	Prof. Bharat. V	Asst. Prof	ME	22.01.2015
03.	Prof. Shah Nawaz Patil	Asst. Prof	ME	27.01.2015
04.	Prof. Harisha	Assoc. Prof	ECE	19.03.2015
05.	Larkana Parveen	Counselor	M & A	30.04.2015
06.	Prof. K. Uma Devi	Asst. Prof	ISE	23.05.2015
07.	Prof. Sapna Angel	Asst. Prof	ISE	23.05.2015
08.	Prof. Ashfaq Ahmed Khan	Asst. Prof	Civil	31.05.2015
09.	Prof. Kavitha. F	Asst. Prof	ECE	31.05.2015
10.	Prof. Azeezulla Baig	Asst. Prof	ME	31.05.2015
11.	Dr. T. C. Manjunath	Principal	-	16.06.2015
12.	Prof. Mohd. Asadulla	Asst. Prof	ME	31.05.2015
13.	Dr. Eghil Nanan	Professor	ME	31.05.2015
14.	Dr. Mala. V. Patil	HOD	CSE	31.05.2015

SUBJECT: 449 The amount of Rs. 11,98,315/- paid against the stitching & supply of uniforms to the HOD's, staff members & the students were placed before the governing council members & was ratified.

SUBJECT: 450 As the Administrator Mr. Abdul Hameed S.A resigned from his services w.e.f 28.03.2015, the Director convened a meeting of all the HOD's and the Principal on 30th March 2015 & instructed them to form an Academic Council with all the HODs as its members and the Principal as the Chairman of the Council to discuss & finalize all the future requirements of the college as and when the requirement arises.

SUBJECT: 451 The Chairman and the Director observed that the work of

Construction of the new building in the college campus is going very slow. They stressed that the construction should be taken on priority basis and complete the work as early as possible.

SUBJECT: 452 The Chairman and the Director^{also} observed that the NBA work for the accreditation of the college is on slow basis. They instructed the Principal to speed up the work and complete the process at the earliest and keep all the records ready, as there is a possibility of the NBA team visiting the college in the month of Aug 2015 for inspection.

SUBJECT: 453 The appointment of Mr. Rabees Sainulabudeen as Vice President HKBK-B School with effect from February 2015, to head the dept of Admissions & Marketing to look after the admissions to UG & PG Courses offered by the college, was placed before the Committee & was ratified.

SUBJECT: 454 The Principal brought to the notice of the Chairman, Director and the members present that our M.Tech (Electronics) student Ms. Shireen Fathima, bearing USN No. 1HK12LEL13 brought laurels to the Institution by securing FIRST RANK and Gold Medal in M.Tech (Electronics) for the Academic year 2012-14. She was conferred with the Honours and the Gold Medal at the 4th Annual Convocation of VTU, Belgaum held during the present, expressed their happiness over her achievements and congratulated her & complimented the Principal.

SUBJECT: 455 The Principal Dr. T.C. Manjunath expressed his desire to get himself relieved from the post of the Principal from HKBK College of Engineering for his better prospects. He was relieved from the service from 16.06.15.

SUBJECT: 456 Dr. Chaitanya Kumar M.V was appointed as Principal of HKBKCE and he took over the charge of the Principal w.e.f 18.06.2015.

SUBJECT: 457 The expenses incurred by the staff members of Marketing & Admission department towards their participation in the educational fairs held at Guwahati, Imphal, Agartala, Kolkata, Patna & Ranchi were placed from the Governing Council Members & were ratified.

The meeting concluded and the Principal thanked the Chairman Director and all the Governing Council Members for attending the meeting.

Further an additional meeting of G.C. Members was convened on 31st Aug 2015 at the registered office & the following subjects were discussed in detail:-

SUBJECT: 458

The Principal brought to the notice of the Chairman, Director and the Governing Council Members that the following activities were conducted in the college during the period from 1st July 2015 to 31st Aug 2015

(i) The Orientation programme for the first year students for the academic year 2015-16 was conducted in the college on 29.07.2015

(ii) An Internship Programme by Technologies was conducted in the college on 7th Aug 2015 by the HRD department.

(iii) The Freshers Day / Ethnic Day & Onam celebration was conducted in the college on 29th Aug 2015

(iv) The Intercollegiate Bangalore North, Bangalore South & Bangalore Central zone chess tournament for Men & Women was conducted at HSBK College of Engineering on 30th & 31st Aug 2015. Total 38 teams of boys & 15 girls teams from different colleges participated.

SUBJECT: 459

The Principal informed the Chairman, Director and the members present the list of companies visited the college for Placement Progress during July & Aug 2015

SL.No.	Name of the Company	Date of Visit
1.	M/S. XL Dynamic India Pvt. Ltd	11 th & 12 th July 2015
2.	M/S. Safran Engineering Services (P) Ltd	21.07.2015
3.	M/S. Mileaccess Technologies Pvt, Ltd.	18.08.2015

SUBJECT: 460 The Appointment of the following staff members during the period from 01.07.2015 to 31.08.2015 in various departments was placed before the Governing Council Members & was satisfied.

SL.No	Name of the staff Member	Designation	Department	Date of Joining	Salary.
1.	Prof. Pawan Kumar D	Asst. Prof	ME	20.07.2015	21,600/- + Allowances
2.	Prof. Muzalckir Ahmed Khan	Asst. Prof	ME	20.07.2015	21,600/- Allowances

03.	Prof. Munendra.C.V	Asst. Prof	ME	20.07.2015	21,600/- + Allowances
04.	Prof. Shireen Fathima	Asst. Prof	ECE	20.07.2015	24,000/- (con)
05.	Prof. Heena Kausar A.S	Asst. Prof	Civil	20.07.2015	21,600/- + Allowances
06.	Prof. Amriya Tanseem	Asst. Prof	ME	20.07.2015	21,600/- + Allowances
07.	Prof. Ashfaqur Ahmed Khan	Asst. Prof	Civil	22.07.2015	21,600/- + Allowances
08.	Mr. Afzal Pasha	Instructor	ECE	20.07.2015	3,775/- + Allowances
09.	Mr. Rajappa.T.H	Instructor	ECE	21.07.2015	5,400/- + Allowances
10.	Prof. Thara.R	Asst. Prof	Civil	07.08.2015	
11.	Dr. Rajshikas Patil	Professor	ISE	?	50,300 + AGP 10,000/- + Allowances.

SUBJECT: 461 Also the resignation/retirement of the following staff members during the period 01.07.2015 to 31.08.2015 in the various depts was placed before the Governing Council Members and was ratified

Sl.No	Name of the Staff Member	Designation	Dept	Date of Resign	Remarks
01.	Mr. Mohd Intiyazulla Khan	Instructor	ME	31.07.2015	
02.	Dr. Navneha.C	Professor	CSE	31.07.2015	
03.	Prof. Waseem Khanum	Asst. Prof	EEE	31.08.2015	
04.	Mrs. Bhavya.N	Mgs Admn	M & A	12.08.2015	
05.	Ms. Pinky Patel	Counsellor	M & A	04.08.2015	

SUBJECT: 462 In view of Prof. Shajahan's superannuation it was resolved Prof. Hussain Ahmed will be the Chief Co-Ordinator for all NBA activities with effect from 01.08.2015

SUBJECT: 463 The Principal brought to the notice of the Chairman, Director and the G.C. Members present that the admission for the academic year 2015-16 was very successful. The Marketing & admission team performed their best and got the admissions to the Engineering/MBA Courses. The branches of ME, CSE, ISE were full. The chairman, Director and the G.C. Members expressed their happiness and congratulated the Marketing team for the same.

SUBJECT: 464

SUBJECT: 465 The Promotion and the Salary hike of the following staff members w.e.f 01.07.2015 was placed before the Chairman, Director and the Governing Council Members and was ratified.

Sl. No	Name of the Staff Member	Designated to	Salary Liked to
1.	Dr. Muzammil-Ahamed	HOD-ME	Rs. 60,300 + Allow = Rs. 1,00,000/-
2.	Dr. Abu Sayeed Mohammed	HOD-Civil	Rs. 60,300 + Allow = Rs. 1,00,000/-
3.	Dr. R. Loganathan	HOD-CSE	Rs. 60,300 + Allow = Rs. 1,00,000/-
4.	Prof. Samreen Fiza	Asst. Prof	Rs. 21,600/- + Allowances
5.	Ms. Arshiya Sultana	Teaching Asst	Rs. 21,600/- + Allowances.

SUBJECT: 466 An amount of Rs. 5,00,000/- paid to M/s. Sycon Infra Pvt, Ltd on 05.02.2015 towards the constructions of the new building at the college was placed before the governing council members and was ratified.

SUBJECT: 467 The following payments made to M/s. R.R. India Plasters towards the on-going construction work in the college campus (new building) and supply of light weight cement panels for 2nd floor in E-Block were place and were ratified.

(i) Rs. 2,00,000/- paid vide ch. No. 281511 dt. 12.05.2015

(ii) Rs. 1,50,000/- paid vide ch. No. 301157 dt. 14.07.2015

(iii) Rs. 5,00,000/- paid vide ch. No. 585269 dt. 18.08.2015

SUBJECT: 468 The renewal of software / purchase of computer peripherals / accessories and the expenses incurred on the same were placed and ratified.

Sl. No.	Particellars	Quantity	Rate	Amount	Department
1.	SEQRITE Quick Heal Antivirus	250 Nos.	385.00	1,23,440.00	CSE
2.	HP 280 G2 Desktop	02 Nos	39,100.00	82,501.00	Accounts.
3.	Computer Peripherals	-	-	1,39,358.00	CSE
TOTAL				3,35,299.00	

SUBJECT: 469 The Principal placed before the Chairman, Director and the G.C. Members the material requirement of Civil Department for the constitution of Concrete and Highway material lab equipments and Environmental lab. The quotation recieved by the

civil Engineering Department and the comparative statement prepared and the recommendations of the department to place the order for the least quotations received from the following two suppliers was accepted and adopted.

(1) Bharat Scientific World (Environmental lab - 9,16,400.00

(2) Lawrence S. Mayo (Concrete & Highway lab) 16,06,161.00.

(3) The Principal placed before the committee the requirement of 160 Computer systems @ Rs. 39,000/- each to be procured for Digital library & M. Tech labs during September 2015 for which approval of Rs. 62,40,000.00 was granted.

The chairman, Director and the G.C. Members authorized the Principal to place Order for the requirement of the labs of Civil Departments with the above suppliers.

SUBJECT: 470 The chairman and the Director asked the Principal about the progress of the NBA work. The Principal informed that it is in full swing and will be made readily available for the possible prospective date of NBA committee visiting during the month of October 2015.

SUBJECT: 471 The chairman and the Director informed the Principal to speed up the work of the new building land, the steel structure coming up on the E-Block and Extensions of D-Block & asked to complete the same at the earliest. Extension of steel structure at the rear side of D-Block for Civil labs & Civil requirements.

SUBJECT: 472 (i) The Principal informed Chairman, Director and the G.C. Members that the Department of ECE signed an MOU with M/s. Versalite Engineering Designs Labs (Vedlabs) Bengaluru on 01.06.2015 to work jointly to conduct workshops and offer training & placement programmes.

(ii) The Department of E&CE also entered into MOU with M/s. EdGate Technologies Pvt, Ltd to establish a Teaching lab facility using Analog Systems Design Kits @ HKBKCE.

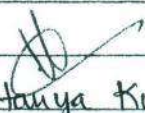
(iii) The Principal brought to the notice of the Chairman, Director & the G.C. Members present that the department of CSE & ISE are entering into an Memorandum of Understanding with Biztime IT Solutions Pvt, Ltd, Bengaluru during the month of September 2015. The purpose of this initiative is to build knowledge & innovation ecosystem between the Biztime IT Solutions Pvt, Ltd & HKBK College of Engineering in order to meet the market demand in a

software development area. The chairman, Director and the members expressed their happiness and congratulated the departments of CSE, ISE and EXCE for these achievements on their part.

SUBJECT: 473 The Principal placed before the chairman, Director & the members present the intake of the different branches of B.E, MBA and M.Tech for the academic year 2015-16 as follows.

SL.NO	Name of the Branch	Total Intake
<u>B.E</u>		
1.	Computer Science Engineering	120
2.	Information Science & Engineering	60
3.	Electronics & Communication Engineering	180
4.	Mechanical Engineering	120
5.	Electrical & Electronics Engineering	60
6.	Civil Engineering	60
<u>M.Tech</u>		
1.	Computer Science	18
2.	Electronics	18
3.	Thermal	18
4.	C.N-M-Tech	18
5.	VLSI-M-Tech	18
<u>MBA</u>		
	MBA	60

The meeting concluded and the Principal thanked the Chairman, Director and all the Governing Council Members for attending the meeting.


Dr. Chaitanya Kumar M.V.
Principal & Member Secretary

Dr. CHAITANYA KUMAR M.V.
Principal, HKBK College of Engg.,
22/1, Nagawara, Bangalore-560045
Karnataka, India

ANNEXURE 9
STATEMENT OF ACCOUNTS

HKBK COLLEGE OF ENGINEERING

(Unit of Karnataka State Muslim Federation Bangalore)

#22/1, Nagawara

Arabic College Post

Bangalore - 560 045

Ph: 25441722 / 3744 / 3638

BALANCE SHEET AS AT 31st MARCH 2012

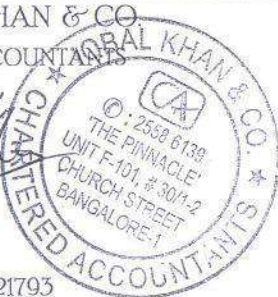
PARTICULARS	SCH NO	CURRENT YEAR		PREVIOUS YEAR	
		DETAILS	AMOUNT	DETAILS	AMOUNT
		₹	₹	₹	₹
I. SOURCES OF FUNDS					
Corpus Fund	1	23,14,85,002		20,75,03,170	
Long Term Advances	2	1,55,00,000	24,69,85,002	1,55,00,000	22,30,03,170
Loan Funds					
Secured Loans	3	24,38,679		10,03,33,153	
Unsecured Loans	4	18,85,98,754	19,10,37,433	12,34,50,509	22,37,83,662
TOTAL			43,80,22,435		44,67,86,832
II) APPLICATION OF FUNDS					
Fixed Assets					
Gross Assets	5	42,56,26,871		34,75,03,370	
Less: Depreciation		2,37,14,880		1,59,01,569	
Net Assets			40,19,11,991		33,16,01,801
Work in Progress					3,40,99,077
Current Assets, Loans, Advances & Deposits					
Cash & Bank Balances	6	76,13,210		29,77,240	
Loans & Advances	7	2,43,45,048		7,22,20,046	
Deposits	8	82,35,587		82,72,987	
		4,01,93,845		8,34,70,273	
Less: Current Liabilities	9	40,83,401		23,84,318	
Net Current Assets			3,61,10,444		8,10,85,955
TOTAL			43,80,22,435		44,67,86,832

FOR IQBAL KHAN & CO
CHARTERED ACCOUNTANTS

IQBAL KHAN
Proprietor

Membership No.: 021793

Firm Reg. No.: 0011495



For HKBK COLLEGE OF ENGINEERING

(Unit of Karnataka State Muslim Federation Bangalore)

C.M. Ibrahim
Chairman

Abdul Hameed
Treasurer

Abdul Hameed S.A
Administrator

Place: Bangalore. Date: 1st August, 2012

HKBK COLLEGE OF ENGINEERING

(Unit of Karnataka State Muslim Federation Bangalore)

22 / 1, Nagawara

Arabic College Post

Bangalore - 560 045

Ph: 25441722 / 3744 / 3638

Income & Expenditure Account for the year ended 31st March, 2012

PARTICULARS	CURRENT YEAR		PREVIOUS YEAR
	Details	Amount	Amount
	₹	₹	₹
INCOME			
Tution Fees	11,81,62,840		11,81,10,811
Admission & other Fees	1,00,20,645		32,59,170
Application Form Fees	2,89,700		2,61,500
Blue Book Charges	52,500		42,000
College Bus fare	4,09,000		4,57,250
Convocation Fee Recd	2,85,470		-
Examination & Remuneration Fees Recd	40,26,050		24,93,090
Gisl Refund Recd	1,38,767		32,591
Gym Fees	66,534		45,300
Hostel Rent Recd	1,99,000		-
Canteen Rent Recd	-		1,52,765
Income Tax Refund	1,47,144		50,144
Interest Paid on TL	-		-
Interest Received	7,24,842		12,37,878
Lab Manual fees	48,400		28,800
Library Fee Recd	2,53,817		-
Miscellaneous Income	2,70,393		2,02,850
Uniform Fee Received	8,18,500		-
Vehicle Insurance Refund	9,285		34,448
Revaluation fees Recd	16,86,430		14,04,640
Scholarship Received	61,60,420		58,77,755
Seminar Fee Recd	2,57,837		-
Sports Development Fund	1,14,275	14,41,41,849	69,625
TOTAL		14,41,41,849	13,37,60,617
EXPENDITURE			
Advertisement	2,59,654		14,42,569
Affiliation Fee	3,09,562		4,40,100
Audit Fees	1,37,500		1,25,000
Bank charges & Interest	82,281		28,182
Building Tax	3,36,205		3,13,975
Building Rent	-		3,500
Campus Recruitment Expenses	3,08,114		79,562
College Function	8,33,631		6,81,812
Convocation Fees	-		2,96,600
Consultancy Fees	-		5,59,800
Donation Paid	-		1,67,650
Education - Exhibition	10,94,471		2,43,226
Electricity & Water Charges	16,90,265		16,63,145
P F Employer's Contribution	18,69,329		34,26,788
E.S.I Paid	5,92,881		-
Examination Expenses	1,16,575		1,20,163
Examination Remuneration	39,31,675		39,38,935
Balance C/F	1,15,62,143		1,35,31,007

HKBK COLLEGE OF ENGINEERING

#22 / 1, Nagawara

(Unit of Karnataka State Muslim Federation Bangalore)

Arabic College Post

Bangalore - 560 045

Ph: 25441722 / 3744 / 3638

Income & Expenditure Account for the year ended 31st March, 2012

PARTICULARS	CURRENT YEAR		PREVIOUS YEAR
	Details	Amount	Amount
	₹	₹	₹
Balance B/F	1,15,62,143		1,35,31,007
Insurance - Buildings	75,193		98,628
Insurance on Vehicles	4,42,369		3,99,267
Legal & Membership Fees	2,70,820		1,42,017
Miscellaneous Expenses	1,40,931		2,22,319
News Paper & Periodicals	16,305		48,174
Postage, Internet & Telephone Charges	7,06,796		7,69,616
Printing & Stationery	10,86,904		13,07,674
Property Tax	16,00,000		-
Professional Fees	7,56,060		5,86,113
Rates & Taxes	28,200		10,000
Revaluation fees	14,03,150		12,88,900
Repairs & Maintenance - Office	-		2,94,007
Repairs & Maintenance - Computers	9,63,674		7,32,120
Repairs & Maintenance - Vehicle	17,72,609		18,06,759
Repairs & Maintenance - General	16,14,144		4,81,051
Repair & Maintenance - Building	20,83,959		32,36,691
Salaries & Wages	5,92,19,093		4,81,00,634
Staff Welfare	1,07,105		17,570
Scholarship paid	61,60,420		58,77,755
Security Charges	10,01,267		11,09,776
Seminar & Training Fees	-		3,06,650
Sponsorship Fee Paid	37,600		81,750
Students Group Insurance	3,17,840		3,15,000
Sports Expenses	3,90,999		1,77,705
Staff Group Insurance	72,156		59,626
Guest House Maintenance, Rent	7,51,212		5,24,582
Travelling & Conveyance	5,38,423		3,46,485
Uniform Expenses	8,26,775		8,29,935
University Fees, Registration	24,98,990		23,80,380
		9,64,45,137	8,50,82,190
Depreciation		2,37,14,880	1,59,01,569
Excess of Income over Expenditure Trf to B/s		2,39,81,832	3,27,76,857
TOTAL		14,41,41,849	13,37,60,617

FOR IQBAL KHAN & CO
CHARTERED ACCOUNTANTS

For HKBK COLLEGE OF ENGINEERING

(Unit of Karnataka State Muslim Federation Bangalore)

IQBAL KHAN
Proprietor

Membership No.: 021793

Firm Reg. No.: 001149S

C. M. Ibrahim
ChairmanM. Faiz
TreasurerAbdul Hameed S.A
Administrator

Place: Bangalore. Date: 1st August, 2012

ANNEXURE TO AND FORMING PART OF BALANCE SHEET
FOR ACCOUNTING YEAR ENDED 31st MARCH 2012

Sch No	PARTICULARS	CURRENT YEAR		PREVIOUS YEAR
		Details	Amount	AMOUNT
		₹	₹	₹
1	<u>CORPUS FUND</u> Per Last Balance Sheet Add: Excess of Income over Expenditure	20,75,03,170 2,39,81,832	23,14,85,002 23,14,85,002	17,47,26,313 3,27,76,857 20,75,03,170
2	<u>LONG TERM ADVANCES</u> P. V. Abdul Wahab Nilambur	1,55,00,000	1,55,00,000 1,55,00,000	1,55,00,000 1,55,00,000
3	<u>LOAN FUNDS</u> <u>SECURED LOANS</u> Hudco Term Loan - 18482 KBL Term Loan - 101993 (Quarters)	24,38,679	24,38,679 24,38,679	93,06,679 9,10,26,474 10,03,33,153
4	<u>UNSECURED LOANS & DEPOSITS</u> Caution Deposit - HKBK Hostel Caution Deposit - HOSTEL Liberary Book Bank Deposit Salary Deposit Virtual Education Trust Fund Vittal Rao V - Canteen Contractor Advance received from MIPU College Express Construction Co.	17,27,550 8,20,730 1,00,000 18,59,50,474	17,27,550 8,20,730 1,00,000 18,85,98,754 18,85,98,754	17,70,050 20,250 8,20,730 22,480 1,00,000 5,00,000 12,02,17,000 12,34,50,509
5	<u>FIXED ASSETS:-</u> Gross Block Add: Addition During the year Less: Sales During the year Less: Depreciation Net Block	33,16,01,801 9,40,25,070 42,56,26,871 42,56,26,871 2,37,14,880	40,19,11,991 40,19,11,991	32,60,19,563 2,14,83,807 34,75,03,370 34,75,03,370 1,59,01,569 33,16,01,801
6	<u>CURRENT ASSETS</u> <u>CASH & BANK BALANCES</u> a) <u>Cash in Hand</u> Petty Cash	1,851	1,851	101
	A		1,851	101
	b) <u>Cash at Bank</u> Axis Bank KSMF A/c - 148214 KSMF Hudco A/c 101983 Karnataka Bank A/c. 3512 - KSMF Karnataka Bank A/c 101751 - HKBK Karnataka Bank A/c 101758 - HKBK Axis Bank - Fees A/c - 14030 Axis Bank - University A/c - 14021 Union Bank A/c. 21025 - HKBK	2,01,359 6,717 98,050 1,48,077 45,08,318 7,93,959 3,29,757 25,122	61,11,359	4,93,921 6,717 1,435 3,72,768 34,119 4,92,044 51,013 25,122 14,77,139
	B		61,11,359	14,77,139
	c) <u>Fixed Deposits:</u> With Union HKBK	15,00,000	15,00,000 15,00,000	15,00,000
	C		15,00,000	
	A+B+C		76,13,210	29,77,240
7	<u>LOANS AND ADVANCES</u> a) <u>Staff Advance</u> Staff Advance - HKBK Advance Paid to DC Advance paid to MIPU Advance Paid to - Hostel	22,27,910 49,82,924 55,92,246	1,28,03,080	5,68,110 59,82,924 1,730 44,30,496 1,09,83,260
	A		1,28,03,080	1,09,83,260

5

ANNEXURE TO AND FORMING PART OF BALANCE SHEET
FOR ACCOUNTING YEAR ENDED 31st MARCH 2012

Sch No	PARTICULARS	CURRENT YEAR		PREVIOUS YEAR
		Details	Amount	AMOUNT
		₹	₹	₹
b)	<u>Other Advances:</u>			
	Mr. C.M Ibrahim			33,50,000
	Mr. C.M Sadiq	5,76,000		2,70,000
	Mr. C.M Faiz Mohammed	1,09,50,000		1,21,50,000
	Festival Advance	1,000		1,000
	SMY & Co			34,00,000
	T.D.S on Interest 2011			44,986
	T.D.S 2012	14,968		
	Tech Steel Products Ltd - Campus Const			25,00,000
	Sulochana Ramesh - Campus Const			25,00,000
	Toyota Fortuner Car			1,00,000
	Advance for Qutub Enclave			2,43,90,800
	Shifa Constructions			1,10,00,000
	Nezar Electrical Works			15,00,000
	MT Rueben		1,15,41,968	30,000
	B		1,15,41,968	6,12,36,786
	A+B		2,43,45,048	7,22,20,046
8	<u>DEPOSITS</u>			
	Telephone Deposit -BSNL	500		500
	BESCOM	2,06,417		2,06,417
	Electricity Deposit - KPTCL	74,770		74,770
	Gas Cylinder Deposit	8,900		8,900
	Diesel Deposit - Universal Filling Station	20,000		20,000
	Express Construction (Degree College Deposit)	72,00,000		72,00,000
	MT Reuben	2,50,000		2,50,000
	Rahima Kauser	4,00,000		4,00,000
	HP Auto Care Center	75,000		75,000
	Other Deposits		82,35,587	37,400
			82,35,587	82,72,987
9	<u>CURRENT LIABILITIES</u>			
	Advertisement Charges Payable			45,725
	Audit Fees Payable-2011	1,25,000		1,25,000
	Audit Fees Payable-2012	1,37,500		
	Electricity Charges Payable	1,82,932		2,03,746
	Scholarship Payable	16,52,770		13,22,380
	EPF Payable	1,59,178		1,44,705
	Employer's contribution to EPF Payable	1,62,608		1,68,441
	Vehicle Maintenance Payable			1,39,914
	Property Tax A/c	16,00,000		
	Miscellaneous Payable	12,452		
	ESI Payable	44,708		
	Security Charges Payable			68,419
	Telephone Charges Payable	6,253		33,662
	Professional Tax			34,200
	LIC SSS Payable			63,553
	LIC GSLIS Payable			13,000
	TDS on Building Rent			3,500
	TDS on Contractor		40,83,401	18,073
			40,83,401	23,84,318

FOR IQBAL KHAN & CO
CHARTERED ACCOUNTANTS

IQBAL KHAN & CO
CHARTERED ACCOUNTANTS
2557 6100
THE FINANCIAL
UNIT F-101, #301-2
BANGALORE-1
Proprietor
Membership No.: 021793
Firm Reg. No.: 001149S
Place: Bangalore. Date: 1st August, 2012

For HKBK COLLEGE OF ENGINEERING
(Unit of Karnataka State Muslim Federation Bangalore)

Abdul Hameed
Chairman
C.M. Ibrahim
Chairman
C.M. Faiz
Treasurer
Abdul Hameed S.A
Administrator

HKBK COLLEGE OF ENGINEERING

(Unit of Karnataka State Muslim Federation Bangalore)

SCHEDULE -5

DEPRECIATION STATEMENT FOR THE YEAR ENDING 31st MARCH, 2012

Arabia College
Bangalore - 560 043
Ph: 2344722 / 3744 / 3638

PARTICULARS	W.D.V 01.04.2011	Additions During the Year	Deletion During the Year	Total 31.03.2012	%	Depreciation for the year	W.D.V 31.03.2012
	₹	₹	₹	₹		₹	₹
Block - Land & Buildings							
Land - I	1,75,75,300	-	-	1,75,75,300		-	1,75,75,300
Land - II	16,84,66,256	-	-	16,84,66,256		-	16,84,66,256
Land - III (New Land)	1,89,442	-	-	1,89,442		-	1,89,442
Campus Construction (Admin Block)	1,66,09,213	4,68,99,501	-	6,35,08,714	10	63,50,871	5,71,57,843
Construction of Qutub Enclave	5,70,02,597	4,52,90,800	-	10,22,93,397	10	79,64,800	9,43,28,597
College Land	86,00,000	-	-	86,00,000		-	86,00,000
Building - Land development	26,48,312	-	-	26,48,312	10	2,64,831	23,83,481
Building - Existing	2,45,15,859	-	-	2,45,15,859	10	24,51,586	2,20,64,273
Block - HKBK College							
Air Conditioners	7,10,303	-	-	7,10,303	15	1,06,546	6,03,758
Bicycles	134	-	-	134	15	20	114
Borewell	74,171	-	-	74,171	15	11,126	63,045
Camera	23,294	-	-	23,294	15	3,494	19,800
CCTV Security System	52,500	1,50,792	-	2,03,292	15	30,494	1,72,798
Computer Accessories	77,42,576	2,41,102	-	79,83,678	15	11,97,552	67,86,126
Glass Boards	1,98,027	-	-	1,98,027	15	29,704	1,68,323
Electrical fittings	11,78,740	6,255	-	11,84,995	15	1,77,749	10,07,246
EPBX System	45,188	-	-	45,188	15	6,778	38,409
Fax Machine	644	-	-	644	15	97	547
Fire & Safety Equip	70,583	-	-	70,583	15	10,587	59,996
Franking & Counting Machines	8,800	-	-	8,800	15	1,320	7,480
Furniture & Fixture	61,81,582	4,23,704	-	66,05,286	10	6,60,529	59,44,757
Generators	2,11,721	-	-	2,11,721	15	31,758	1,79,963
Gym Equipment	1,82,366	2,902	-	1,85,268	15	27,790	1,57,477
LCD Projected	1,39,091	-	-	1,39,091	15	20,864	1,18,227
Library Books	26,51,752	336	-	26,52,088	25	6,63,022	19,89,066
Library Books - HKBK	12,82,737	3,20,411	-	16,03,148	25	4,00,787	12,02,361
Multimedia System	17,798	-	-	17,798	15	2,670	15,128
BALANCE C/F	31,63,78,984	9,33,35,803	-	40,97,14,787		2,04,14,974	38,92,99,814

HKBK COLLEGE OF ENGINEERING

(Unit of Karnataka State Muslim Federation Bangalore)

SCHEDULE - 5

DEPRECIATION STATEMENT FOR THE YEAR ENDING 31st MARCH, 2012

Arabia College
Bangalore - 560 045
Ph: 25441722 / 3744 / 3638

PARTICULARS	WDV 01.04.2011	Additions During the Year	Deletion During the Year	Total 31.03.2012	%	Depreciation for the year	WDV 31.03.2012
	₹	₹	₹	₹		₹	₹
BALANCE B/F	31,63,78,984	9,33,35,803	-	40,97,14,787		2,04,14,974	38,92,99,814
Musical Instruments	27,081	-	-	27,081	15	4,062	23,019
Office Equipments	1,53,677	25,620	-	1,79,297	15	26,895	1,52,403
OTIS Elevator (Lift)	3,61,250	-	-	3,61,250	15	54,188	3,07,063
Overhead Projector	4,442	21,660	-	26,102	15	3,915	22,187
Pump Set	10,554	-	-	10,554	15	1,583	8,971
Sign Boards	14,085	-	-	14,085	15	2,113	11,972
Sound System	8,254	9,000	-	17,254	15	2,588	14,666
Sound System - MBA	7,882	-	-	7,882	15	1,182	6,700
Sports Equipments	2,23,403	30,500	-	2,53,903	15	38,085	2,15,818
Stabilizer	49,110	-	-	49,110	15	7,367	41,744
Television	1,796	-	-	1,796	15	269	1,527
Typewriter	1,329	-	-	1,329	15	199	1,129
Water Cooler	1,29,110	1,197	-	1,30,307	15	19,546	1,10,761
Xerox Machines I	11,396	-	-	11,396	15	1,709	9,687
Xerox Machines II	1,07,492	-	-	1,07,492	15	16,124	91,368
Block - HKBK Laboratories							
Electronic Laboratory	15,61,827	18,907	-	15,80,734	30	4,74,220	11,06,514
Chemistry Laboratory	2,12,980	1,56,006	-	3,68,986	30	1,10,696	2,58,290
Mechanical Laboratory	19,92,344	2,05,123	-	21,97,467	30	6,59,240	15,38,227
Foundary Laboratory	15,357	-	-	15,357	30	4,607	10,750
Physics Laboratory	94,521	8,441	-	1,02,962	30	30,889	72,073
Laboratory Equipments	29,992	-	-	29,992	30	8,998	20,995
Electrical Laboratory	8,79,108	1,70,645	-	10,49,753	30	3,14,926	7,34,827
Welding Machines	1,021	-	-	1,021	30	306	715
BALANCE C/F	32,22,76,995	9,39,82,902	-	41,62,59,897		2,21,98,681	39,40,61,216

HKBK COLLEGE OF ENGINEERING

(Unit of Karnataka State Muslim Federation Bangalore)

Avable College

Bangalore - 560 045

Ph: 2544722 / 3744 / 3638

SCHEDULE - 5

DEPRECIATION STATEMENT FOR THE YEAR ENDING 31st MARCH, 2012

PARTICULARS	W.D.V 01.04.2011	Additions During the Year	Deletion During the Year	Total 31.03.2012	%	Depreciation for the year	W.D.V 31.03.2012
	₹	₹	₹	₹		₹	₹
BALANCE B/F	32,22,76,995	9,39,82,902	-	41,62,59,897		2,21,98,681	39,40,61,216
Block - Vehicles							
Ford Endeavour I	1,96,006	-	-	1,96,006	15	29,401	1,66,605
Ford Endeavour II	5,89,769	-	-	5,89,769	15	88,465	5,01,304
Toyota Qualis	30,383	-	-	30,383	15	4,557	25,826
Maruti Van	13,140	-	-	13,140	15	1,971	11,169
Maruti Omni Van	77,814	-	-	77,814	15	11,672	66,142
Innova Car	13,38,803	-	-	13,38,803	15	2,00,820	11,37,983
Maruti Ritz	3,25,109	-	-	3,25,109	15	48,766	2,76,342
Maruti Van - II	35,372	-	-	35,372	15	5,306	30,066
Mercedes Benz	47,02,860	-	-	47,02,860	15	7,05,429	39,97,431
Swaraj Mazda Bus	2,98,399	-	-	2,98,399	15	44,760	2,53,639
Swaraj Mazda Bus I	4,70,391	-	-	4,70,391	15	70,559	3,99,832
Swaraj Mazda Bus II	1,79,412	-	-	1,79,412	15	26,912	1,52,500
Swaraj Mazda Bus III	2,39,219	-	-	2,39,219	15	35,883	2,03,336
Swaraj Mazda Bus IV	3,38,776	-	-	3,38,776	15	50,816	2,87,959
Tata Indigo Car	2,84,515	-	-	2,84,515	15	42,677	2,41,838
Block - Computers & Printers							
Computers	1,35,109	42,168	-	1,77,277	60	1,06,366	70,911
UPS	69,730	-	-	69,730	60	41,838	27,892
TOTAL	33,16,01,801	9,40,25,070	-	42,56,26,871		2,37,14,880	40,19,11,991

FOR IQBAL KHAN & CO

CHARTERED ACCOUNTANTS

For HKBK COLLEGE OF ENGINEERING
(Unit of Karnataka State Muslim Federation Bangalore)



Place: Bangalore Date: 1st August, 2012

CM Ibrahim
Chairman

Abdul Hameed SA
Administrator

(Signature)

HKBK COLLEGE OF ENGINEERING
(Unit of Karnataka State Muslim Federation Bangalore)

22 / 1, Nagawara
Arabic College Post
Bangalore - 560 045
Ph: 25441722 / 3744 / 3638

Receipts and Payments Account for the year ending, 31st March 2012

Particulars	Amount ₹	Particulars	Amount ₹
RECEIPTS		PAYMENTS	
<u>Opening Balance</u>		<u>Loans (Liability)</u>	
Bank Accounts	14,77,139	Secured Loans	2,33,68,000
Cash-in-hand	101	Unsecured Loans	1,08,45,565
<u>Loans (Liability)</u>		Dr. Chaithanya Kumar M.V	5,00,000
Unsecured Loans	20,53,065	Dr. Fazlur Rahman J	5,00,000
Dr. Chaithanya Kumar M.V	5,00,000	Mr. Abdul Hameed S.A	38,77,500
Dr. Fazlur Rahman J	5,00,000	Mr. Gaffar Baig	9,00,000
Mr. Abdul Hameed S.A	38,77,500	Mr. Muzammil Ahamed	5,60,000
Mr. Gaffar Baig	9,00,000	Mr. Shoaib Mohammed Abdul Hameed	15,00,000
Mr. Muzammil Ahamed	5,00,305	Mr. Syed Safeer Ahmed	4,00,000
Mr. Shoaib Mohammed Abdul Hameed	15,00,000	MIPU College	3,00,000
Mr. Syed Safeer Ahmed	4,00,000	<u>Current Liabilities</u>	
<u>Current Liabilities</u>		Advertisement Charges Payable	45,725
Duties & Taxes	63,895	Electricity Charges Payable	1,64,390
TDS on Building Rent	33,900	Employees Contribution to EPF Payable	1,68,441
TDS on Contractor	93,742	EPF Payable	1,44,705
<u>Current Assets</u>		LIC GSLIS Payable - HKBK	13,000
Loans & Advances (Asset)	11,78,21,42	LIC SSS Payable - HKBK	63,553
<u>Indirect Incomes</u>		Professional Tax - HKBK - Payable	34,200
Alumini Fee	9,350	Duties & Taxes	21,22,342
Amcat Fee Recd	47,600	Security Charges Payable	68,419
Application Fee Recd	2,89,700	Telephone Charges Payable	13,296
Blue Books Charges	52,500	Vehicle Maint Payable	1,39,914
CADD Fee (ME Dept.)	3,91,000	TDS on Building Rent	33,900
Campus Connect Fee	1,33,550	TDS on Building Rent Payable	3,500
CSI Fee	34,500	TDS on Contractor	93,742
College Bus Fee	4,09,000	Scholarship Payable	6,28,255
College Other Fee	1,00,20,645	<u>Fixed Assets</u>	
Convocation Fee Recd	2,85,470	Fixed Assets - HKBK	1,29,23,047
Course Material Fee Recd	5,200	Fixed Assets - Laboratory	4,93,323
Exam Fee Recd	31,11,310	<u>Current Assets</u>	
Exam Remuneration Recd	9,14,740	Loans & Advances (Asset)	1,04,54,400
GSL Refund Recd	1,38,767	<u>Indirect Incomes</u>	
Gym Fee Recd	66,534	CADD Fee (ME Dept.)	1,62,000
Hostel Mess Charges	44,120	Soft Skill Fee	1,22,400
Hostel Rent Recd	1,99,000		
HRD Fee Recd			
Income Tax Refund	2,00,640		
Balance C/F	4,00,35,415	Balance C/F	7,06,43,617



KKBK COLLEGE OF ENGINEERING
(Unit of Karnataka State Muslim Federation Bangalore)

22 / 1, Nagawara

Arabic College Post

Bangalore - 560 045

Ph: 25441722 / 3744 / 3638

Receipts and Payments Account for the year ending, 31st March 2012

Particulars	Amount ₹	Particulars	Amount ₹
Balance B/F	4,00,35,415	Balance B/F	7,06,43,617
Interest Recd	7,09,874	<u>Indirect Expenses</u>	
Lab Mannual Fee	48,400	Advertisement Charges	2,58,959
Library Fee Recd	2,53,817	Donation Paid	32,600
Misc Receipts	8,36,490	Education - Exhibition	10,94,471
Project Fees	1,60,800	Electricity Charges	15,46,689
Software Charge	42,500	EPF	35,47,790
Refund of PT/PF	5,68,330	Exam Fee Paid	30,34,500
Registration Fees	52,200	Examination Expenses	1,16,575
Revaluation Fee Recd	16,81,430	Exam Remuneration Paid	7,42,175
Revaluation Refund Recd	5,000	Fee Refund	17,33,580
Salary Advance Refund	-	General Expenses	1,49,511
Salary Refund	3,71,625	Guest House Maint.	3,11,290
Seminar Fees Recd	1,14,325	Guest House Rent	4,30,500
Soft Skill Fees	1,36,300	Honorarium Paid	1,000
Scholarship Recd	78,13,190	HRD Training Fee	58,700
Sponsorship Fee Recd	98,000	Insurance - Building	75,193
Sports Development Fee	54,275	Insurance - Vehicle	4,42,369
Sports Fee	60,000	Interest on T/L	11,53,024
Stationery Amout Recd	43,673	Interest Paid	77,947
Teachers Day Stamp Sold	19,410	Internet Charges	3,75,592
Travelling Allowance Refund	66,682	Legal Fees	23,160
Tuition Fee	11,92,02,295	LIC-GSIL	1,59,320
University Fee Recd	1,31,085	LIC-SSS	7,24,077
Vehicle Insurance Refund	9,285	Medical Expenses	54,609
		Membership Fee	2,47,660
<u>Indirect Expenses</u>		Miscellaneous Expenses	6,300
Bank Charges	3,002	News Paper & periodicals	16,305
Internet Charges	3,947	Postage & Courier Charges	1,74,839
University Charges	9,475	Printing & Stationery	10,86,904
		Pofessional Fees	3,57,810
		PT-DC	30,050
		PT-HKKBCE	3,45,500
		PT-MIPUC	12,700
		PT Renewal Fee	10,000
		Refreshment Expenses	9,422
		Registration Fee Paid	28,200
		Remuneration Paid	1,54,000
		Repairs & Maint. Computers	9,63,674
		Repairs & Maint. General	16,14,144
		Repairs & Maint. Vehicle	5,85,593
		Repairs & Maint. HKBK	21,02,032
		Reval Fee Paid	14,03,150
		Salary-HKKBCE	5,32,69,478
Balance C/F	17,25,30,825	Balance C/F	14,92,05,009

HKBK COLLEGE OF ENGINEERING
(Unit of Karnataka State Muslim Federation Bangalore)

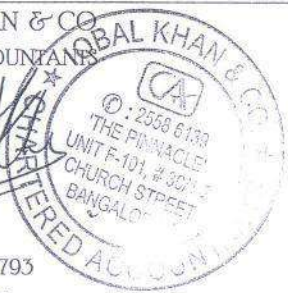
#22/1, Nagawara
Arabic College Post
Bangalore - 560 045
Ph: 25441722 / 3744 / 3638

Receipts and Payments Account for the year ending, 31st March 2012

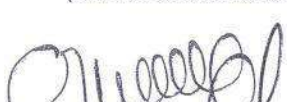

Particulars	Amount ₹	Particulars	Amount ₹
Balance B/F	17,25,30,825	Balance B/F	14,92,05,009
		Scholarship Paid	61,60,420
		Security Charges	9,99,871
		Seminar Expenses	4,40,288
		Sponsorship Fee paid	37,600
		Sports Expenses	3,90,999
		Staff Group Insurance	72,156
		Staff welfare a/c	12,966
		Students Group Insurance	3,17,840
		Teachers Benefit Fund	39,530
		Telephone Bill	1,74,425
		Transportation Charges	4,495
		Travelling Allowance	4,75,045
		Uniform Expenses	8,26,775
		University Fee Paid	26,39,550
		Vehicle Maint. A/c	11,14,186
		Vehicle Tax	72,830
		ESI Paid	5,48,173
		Affiliation Fee	3,09,562
		Bank Charges	7,336
		Building Tax	3,36,205
		Campus Recruitment Expenses	3,08,114
		Consultancy Fee	9,85,350
		Conveyance Allowance	1,05,259
		College Function A/c	8,33,631
		<u>Closing Balance</u>	
		Bank Accounts	61,11,359
		Cash-in-hand	1,851
Total	17,25,30,825	Total	17,25,30,825

For IQBAL KHAN & CO
CHARTERED ACCOUNTANTS


IQBAL KHAN
Proprietor
Membership No.: 021793
Firm Reg. No.: 001149S



For HKBK COLLEGE OF ENGINEERING
(Unit of Karnataka State Muslim Federation Bangalore)


C.M. Ibrahim
Chairman

Abdul Hameed S.A.
Administrator

Place: Bangalore. Date: 1st August, 2012

HKBK COLLEGE OF ENGINEERING

(Unit of Karnataka State Muslim Federation Bangalore)

22/1, Nagawara, Arabic College Post, Bangalore -560 045.

Ph: 080-25441722 / 3744 / 3638

BALANCE SHEET AS AT 31st MARCH 2013

PARTICULARS	SCH NO	CURRENT YEAR		PREVIOUS YEAR	
		DETAILS	AMOUNT	DETAILS	AMOUNT
		₹.	₹	₹	₹
I <u>SOURCES OF FUNDS</u>					
Corpus Fund	1	25,25,16,658		23,14,85,002	
Long Term Advances	2	1,55,00,000	26,80,16,658	1,55,00,000	24,69,85,002
Loan Funds					
Secured Loans	3	1,65,00,000		24,38,679	
Unsecured Loans	4	26,73,530	1,91,73,530	18,85,98,754	19,10,37,433
TOTAL			28,71,90,188		43,80,22,435
II <u>APPLICATION OF FUNDS</u>					
Fixed Assets					
Gross Assets	5	26,15,60,550		42,56,26,871	
Less: Depreciation		1,70,69,582		2,37,14,880	
Net Assets			24,44,90,968		40,19,11,991
<u>Current Assets, Loans,</u>					
Advances & Deposits					
Cash & Bank Balances	6	2,38,20,469		76,13,210	
Loans & Advances	7	1,58,34,314		2,43,45,048	
Deposits	8	82,35,587		82,35,587	
		4,78,90,370		4,01,93,845	
Less: Current Liabilities	9	51,91,150		40,83,401	
Net Current Assets			4,26,99,220		3,61,10,444
TOTAL			28,71,90,188		43,80,22,435

FOR IQBAL KHAN & CO.
CHARTERED ACCOUNTANTS

For HKBK COLLEGE OF ENGINEERING
(Unit of Karnataka State Muslim Federation Bangalore)

IQBAL KHAN

Proprietor

Membership No.: 021795

Firm Reg. No: 001149S

C. M. Ibrahim
Chairman

C. M. Faiz
Treasurer

Abdul Hameed S.A
Administrator

Place: Bangalore.

Date: 30th September, 2013

COLLEGE OF ENGINEERING

(Karnataka State Muslim Federation Bangalore)

2/1 Nagawara, Arabic College Post, Bangalore - 560 045.

080-25441722 / 3744 / 3638

(2)

Income & Expenditure Account for the year ended 31st March, 2013

PARTICULARS	CURRENT YEAR		PREVIOUS YEAR
	Details	Amount	Amount
	₹	₹	₹
INCOME			
Tuition Fees	11,85,63,164		11,81,62,840
Admission, Other Fees	1,21,94,040		1,00,20,645
Application Form Fees	3,26,434		2,89,700
Book Material, CSI Fees	87,480		52,500
College Bus fare	5,40,000		4,09,000
Convocation Fee / University Fee Recd	2,07,535		2,85,470
Examination, Remuneration, Verification Fees Recd	41,44,104		40,26,050
Gisl Refund Recd	-		1,98,767
Gym Fees	48,000		66,534
Hostel Rent Recd	4,97,335		1,99,000
Income Tax Refund	9,391		1,47,144
Interest Received (Including FD Interest)	8,12,394		7,24,842
Lab Manual fees	26,501		48,400
Library, ID card Fee Recd	1,300		2,53,817
Miscellaneous Income	53,79,543		2,70,393
Revaluation fees Recd	19,34,341		16,86,430
Software, Projects Fee (ECE, Mech, Civil)	12,35,911		-
Scholarship Received	77,88,135		61,60,420
Seminar Fee / Campus Program	74,335		2,57,837
Sports Development Fund / Soft Skills Fees	96,900	15,39,66,842	1,14,275
TOTAL		15,39,66,842	14,33,74,064
EXPENDITURE			
Advertisement	20,66,422		2,59,654
Affiliation Fee	3,00,523		3,09,562
Audit Fees	1,47,500		1,37,500
Bank charges & Interest	3,53,116		82,281
Building Tax	3,16,375		3,36,205
Campus Recruitment Expenses	35,114		3,08,114
College Function	7,91,696		8,33,631
Education - Exhibition	7,28,464		10,94,471
Electricity & Water Charges	19,76,708		16,90,265
PF Employer's Contribution	19,35,564		18,69,329
ESIPaid	3,55,926		5,92,881
Examination Expenses / Remuneration	12,90,995		1,16,575
Examination Fees	49,24,635		39,31,675
General Expenses	9,74,800		
Insurance - Buildings	1,05,097		75,193
Insurance on Vehicles	2,88,430		4,33,084
Legal & Membership Fees	4,33,900		2,70,820
Miscellaneous Expenses	6,41,837		1,40,931
News Paper & Periodicals	17,697		16,305
Postage, Internet & Telephone Charges	11,12,943		7,06,796
Printing & Stationery	18,14,885		10,86,904
Property Tax	-		16,00,000

COLLEGE OF ENGINEERING

3

(Karnataka State Muslim Federation Bangalore)

Nagawara, Arabic College Post, Bangalore -560 045.

0-25441722 / 3744 / 3638

Income & Expenditure Account for the year ended 31st March, 2013

PARTICULARS	CURRENT YEAR		PREVIOUS YEAR
	Details	Amount	Amount
	₹	₹	₹
Balance B/F	2,20,05,899		1,66,48,236
Rates & Taxes / PT Renewal Fees	10,000		28,200
Revaluation fees	1,43,250		14,03,150
Repairs & Maintenance - Computers	15,30,771		9,63,674
Repairs & Maintenance - Vehicle	27,05,671		17,72,609
Repairs & Maintenance - General	24,41,427		16,14,144
Repair & Maintenance - Buildings	27,03,131		20,83,959
Salaries & Wages	6,81,00,863		5,92,19,093
Staff & Student Welfare, LIC- GSIL	5,71,037		1,07,105
Scholarship paid	77,88,135		61,60,420
Security Charges	24,47,697		10,01,267
Seminar & Training Fees	3,62,084		-
Sponsorship Fee Paid	17,375		37,600
Students Group Insurance	3,78,397		3,17,840
Sports Expenses	1,86,592		3,90,999
Staff Group Insurance	1,32,000		72,156
Guest House Rent	4,76,411		7,51,212
Travelling & Conveyance Allowance	5,21,806		5,38,423
Uniform Expenses	9,47,888		8,275
University Fees, Registration	23,93,170		24,98,990
		11,58,65,604	9,56,17,352
Depreciation		1,70,69,582	2,28,93,165
Excess of Income over Expenditure Trf to B/s		2,10,31,656	2,48,03,547
TOTAL		15,39,66,842	14,33,14,064

FOR IQBAL KHAN & CO.
CHARTERED ACCOUNTANTS

For HKBK COLLEGE OF ENGINEERING
(Unit of Karnataka State Muslim Federation Bangalore)

IQBAL KHAN

Proprietor

Membership No.: 021793

Firm Reg. No: 001149S

Place: Bangalore.

Date: 30th September, 2013



C.M. Ibrahim

Chairman

C.M. Faiz

Treasurer

Abdul Hameed S.A

Administrator

Receipts and Payments Account for the year ending, 31st March 2013

Particulars	Previous Year		Current Year		Particulars	Current Year		Previous Year	
	₹	₹	₹	₹		₹	₹	₹	₹
RECEIPTS					PAYMENTS				
Opening Balance					Loans (Liability)				
Bank Accounts		611,359			Secured Loans (HUDCOT/L-18482)		24,38,679		2,33,68,000
Cash-in-hand		1,851			Unsecured Loans		2,15,09,750		1,08,45,565
					Dr. Chaitanya Kumar MV		-		5,00,000
Loans (Liability)					Dr. Fazlur Rahman J		-		5,00,000
Unsecured Loans					Mr. Abdul Hameed SA		-		38,77,500
Dr. Chaitanya Kumar MV		-		20,53,065	Mr. Gaffar Baig		-		9,00,000
Dr. Fazlur Rahman J		-		5,00,000	Mr. Muzamil Ahmed		-		5,60,000
Mr. Abdul Hameed SA		-		38,77,500	Mr. Shoaib Mohammed Abdul Hameed		-		15,00,000
Mr. Gaffar Baig		-		9,00,000	Mr. Syed Safer Ahmed		-		4,00,000
Mr. Muzamil Ahmed		-		5,00,305	MIFU College		-		5,00,000
Mr. Shoaib Mohammed Abdul Hameed		-		15,00,000					
Mr. Syed Safer Ahmed		-		4,00,000	Current Liabilities				
J & K Term loan A/c		1,65,00,000			Advertisement Charges Payable		-		45,725
					Electricity Charges Payable		-		1,64,590
Current Assets					Employees Contribution to EPF Payable		-		1,68,441
Loans & Advances (Asset)					EPF Payable		-		1,44,705
Salary Deposit		1,02,898			LIC GSIS Payable-HKKBK		-		13,000
					LIC SSS Payable-HKKBK		-		63,553
Indirect Income					Professional Tax-HKKBK-Payable		-		34,200
Alumini Fee		-		9,350	Duties & Taxes		-		20,58,447
Amcat Fee Recd		-		47,600	Security Charges Payable		-		68,419
Application Fee Recd		3,26,434		2,89,700	Telephone Charges Payable		-		13,296
Blue Books Charges		26,488		52,500	Vehicle Maint Payable		-		1,59,914
CADD Fee (ME Dept) & sketch Books		3,15,020		2,29,000	TDS on Building Rent Payable		-		3,500
Campus Connect Fee		34,000		1,33,550	Scholarship Payable		-		6,28,255
CSI Fee		57,792		34,500					
College Bus Fee		5,40,000		4,09,000	Fixed Assets				
College Other Fee		1,16,52,595		1,00,20,645	Fixed Assets-HKKBK		18,03,419		1,29,23,047
Convocation Fee Recd		3,200		2,85,470	Fixed Assets-Laboratory		17,05,522		4,93,323
Course Material Fee Recd		15,100		5,200	Fixed Assets-Vehicle		15,44,230		-
Education Verification Fees		32,68,715		31,11,310	Campus Construction (Admin Block)		34,81,126		-
Exam Fee Recd		8,60,289		9,14,740	Computers		27,50,494		-
Exam Remuneration Recd		43,715		-	Qutub Enclave		74,000		-
Excess Fees		-		1,38,767	UPS Block		5,33,550		-
GISL Refund Recd		48,000		66,534	Current Assets				
Gym Fee Recd		-		44,120	FD J&K Bank		1,70,00,000		-
Hostel Mess Charges		35,000		-	Loans & Advances (Asset)		22,17,451		1,04,54,400
Hostel Canteen Fees		4,97,335		1,99,000	Indirect Expenses				
Hostel Rent Recd		1,300		2,00,640	Advertisement Charges		16,90,197		2,58,959
ID Card Fee Recd		24,359		7,09,874	Donation Paid		-		32,600
Income Tax Refund		4,81,285		4,03,91,752					
Interest on FD Recd									
Balance C/F		4,09,48,535							

Receipts and Payments Account for the year ending, 31st March 2013

Particulars	Current Year		Previous Year		Particulars	Current Year		Previous Year	
	₹	₹	₹	₹		₹	₹	₹	₹
Balance B/F	4,09,48,535		4,03,91,752			5,67,48,218		7,04,59,259	
Lab Manual Fee	26,501		48,400		Education -Exhibition	7,28,464		10,94,471	
Library Fee Recd	-		2,53,817		Electricity Charges	19,08,792		15,46,689	
Misc Receipts	53,79,543		8,36,490		EIPF	38,12,495		35,47,790	
Project Fees (ECE / Mech / Civil)	12,19,661		1,60,800		Exam Fee Paid	49,24,635		30,34,500	
Software Charge (Oracle)	16,250		42,500		Examination Expenses	3,53,241		1,16,575	
Refund of PT /PF	3,51,252		5,68,330		Exam Remuneration Paid	9,18,471		7,42,175	
Registration / Re-admission Fees	4,95,930		52,200		Fee Refund	37,01,999		17,33,580	
Revaluation Fee Recd	19,34,341		16,81,430		General Expenses	8,64,800		1,49,511	
Revaluation Refund Recd	-		5,000		Guest House Maint.	-		3,11,290	
Salary Refund	3,88,088		3,71,625		Guest House Rent	4,53,700		4,30,500	
Seminar Fees Recd	40,335		1,14,325		Honorarium Paid	10,500		1,000	
Soft Skill Fees	4,400		13,900		Hostel Mess Expenses	1,00,000		-	
Scholarship Recd	77,88,135		78,13,190		Insurance -Building	1,05,097		75,193	
Sports Development Fee	-		54,275		Insurance - Vehicle	-		4,42,369	
Vehicle Insurance Refund	85,900		9,285		Interest on T/L	2,54,099		11,53,024	
Stationery Amount Recd	20,531		43,673		Interest Paid	-		77,947	
Teachers Day Stamp Sold	-		19,410		Internet Charges	5,71,815		3,71,645	
Travelling Allowance Refund	-		66,682		Library Books	12,05,029		23,160	
Tuition Fee	12,19,50,143		11,92,02,295		Legal Fees	1,00,000		1,59,520	
					LIC-GSIL	1,71,027		54,609	
					Medical Expenses	3,53,900		2,47,660	
					Membership Fee	6,03,499		6,300	
					Miscellaneous Expenses	-		-	
					NBA Expenses	32,480		16,305	
					News Paper & periodicals	17,697		1,74,839	
					Postage & Courier Charges	2,28,523		10,86,904	
					Printing & Stationery	18,35,416		3,57,810	
					Professional Fees	13,74,022		30,050	
					PT-DC	7,352		3,45,500	
					PT-HKBCCE	4,05,100		12,700	
					PT-MIPUC	18,900		10,000	
					PT-Renewal Fee	10,000		9,422	
					Refreshment Expenses	26,560		28,200	
					Registration Fee Paid	-		154,000	
					Remuneration Paid	8,783		9,63,674	
					Repairs & Maint. Computers	15,30,771		16,14,144	
					Repairs & Maint. General	26,00,719		5,85,593	
					Repairs & Maint. Vehicle	6,39,861		21,02,032	
					Repairs & Maint. -Building	27,03,131		14,03,150	
					Reval Fee Paid	1,45,250		5,39,93,555	
					Salary-HKBCCE	6,63,04,635		60,62,420	
					Scholarship Paid	78,58,835		9,99,871	
					Security Charges	22,53,458		4,40,288	
					Seminar Expenses	3,62,084		15,61,69,004	
Balance C/F	18,06,49,524		17,17,49,379			16,62,13,358			

Receipts and Payments Account for the year ending, 31st March 2013

Particulars	Current Year ₹	Previous Year ₹
Balance B/F	18,06,49,524	17,17,49,379
Sponsorship Fee paid	16,62,13,358	15,61,69,004
Sports Expenses	17,375	37,600
Staff Group Insurance	94,092	3,30,999
Staff welfare a/c	1,32,000	72,156
Students Group Insurance	50,245	12,966
Students Training Program	3,78,397	3,17,840
Students welfare	2,99,125	-
Teachers Benefit Fund	4,000	39,530
Telephone Bill	32,760	1,74,425
Transportation Charges	3,18,858	4,495
Travelling Allowance	-	4,75,045
Uniform Expenses	3,94,947	8,26,775
University Fee Paid	9,47,888	24,98,990
Vehicle Maint. A/c	21,85,635	11,14,186
Vehicle Tax	18,97,325	72,830
Vehicle Insurance	27,391	-
ESIP Paid	3,74,330	5,48,173
Affiliation Fee	4,87,783	3,09,562
Annual Maintenance Contract	3,00,523	-
Bank Charges	10,000	4,334
Building Tax	119,017	3,36,205
Campus Recruitment Expenses	3,16,375	3,66,814
Consultancy Fee	35,114	9,85,350
Conveyance Allowance	19,250	1,05,259
Water Charges	1,26,856	-
College Function A/c	4,580	8,33,631
Closing Balance	7,91,696	-
Bank Accounts	50,60,861	61,11,359
Cash-in-hand	9,740	1,851
Total	18,06,49,524	17,17,49,379

For HKBK COLLEGE OF ENGINEERING
(Unit of Karnataka State Muslim Federation Bangalore)



IQBAL KHAN
Proprietor
Membership No.: 021793
Firm Reg. No.: 0011495

(Signature)
C.M. Ibrahim
Chairman
Abdul Hameed SA
Treasurer
Administrator

Place : Bangalore. Date: 30th September, 2013

HKBK COLLEGE OF ENGINEERING

(Unit of Karnataka State Muslim Federation Bangalore)

22/1, Nagawara, Arabic College Post, Bangalore - 560 045.

Ph: 080-25441722 / 3744 / 3638

ANNEXURE TO AND FORMING PART OF BALANCE SHEET

FOR ACCOUNTING YEAR ENDED 31st MARCH 2013

Sch No	PARTICULARS	CURRENT YEAR		PREVIOUS YEAR
		Details	Amount	AMOUNT
		₹	₹	₹
1	CORPUS FUND Per Last Balance Sheet Add: Excess of Income over Expenditure	23,14,85,002 2,10,31,656	25,25,16,658 25,25,16,658	20,75,03,170 2,39,81,832 23,14,85,002
2	LONG TERM ADVANCES P. V. Abdul Wahab Nilambur	1,55,00,000	1,55,00,000 1,55,00,000	1,55,00,000 1,55,00,000
3	LOAN FUNDS SECURED LOANS Hudco Term Loan - 18482 J & K Term Loan A/c	1,65,00,000	1,65,00,000 1,65,00,000	24,38,679 24,38,679
4	UNSECURED LOANS & DEPOSITS Collage Caution Deposit - HKBK Library Book Bank Deposit Vittal Rao V - Canteen Contractor Express Construction Co.	17,52,800 8,20,130 1,00,000	26,73,530 26,73,530	17,27,550 8,20,130 1,00,000 18,59,50,474 18,85,98,754
5	FIXED ASSETS:- Gross Block Add: Addition During the year Less: Sales During the year Less: Depreciation Net Block	24,84,53,517 1,31,07,033 26,15,60,550 26,15,60,550 1,70,69,582	24,44,90,968 24,44,90,968	33,16,01,801 9,40,25,070 42,56,26,871 42,56,26,871 2,37,14,880 40,19,11,991
6	CURRENT ASSETS CASH & BANK BALANCES			
a)	Cash in Hand Petty Cash	9,740	9,740	1,851
	A		9,740	1,851
b)	Cash at Bank Axis Bank KSMF A/c - 148214 KSMF Hudco A/c 101983 Karnataka Bank A/c 3512 - KSMF Karnataka Bank A/c 101751 - HKBK Karnataka Bank A/c 101758 - HKBK Axis Bank - Fees A/c - 14030 Axis Bank - University A/c - 14021 Union Bank A/c 21025 - HKBK Axis Bank Projects (Civil) A/c - 40681 Karnataka Bank A/c Mech (Project)-A/c - 25001 J & K Bank HKBKCE Fees A/c - 2129	2,24,128 6,717 97,491 1,01,237 20,58,340 13,61,407 2,42,146 25,122 1,89,523 9,99,775 4,844	53,10,729	2,01,359 6,717 98,050 1,48,077 45,08,318 7,93,959 3,29,757 25,122 61,11,359
	B		53,10,729	61,11,359
c)	Fixed Deposits: With Union HKBK J & K Bank HKBK	15,00,000 1,70,00,000	1,85,00,000 1,85,00,000	15,00,000
	C		1,85,00,000	
	A+B+C		2,38,20,469	76,13,210
7	LOANS AND ADVANCES			
a)	Staff Advance Staff Advance - HKBK Advance Paid to D.C. Advance Paid to - Hostel	28,87,910 49,82,924 66,30,496	1,45,01,330 1,45,01,330	22,27,910 49,82,924 55,92,246 1,28,03,080
	A		1,45,01,330	1,28,03,080

HKBK COLLEGE OF ENGINEERING

(Unit of Karnataka State Muslim Federation Bangalore)

22/1, Nagawara, Arabic College Post, Bangalore - 560 045.

Ph: 080-25441722 / 3744 / 3638

ANNEXURE TO AND FORMING PART OF BALANCE SHEET

FOR ACCOUNTING YEAR ENDED 31st MARCH 2013

Sch No	PARTICULARS	CURRENT YEAR		PREVIOUS YEAR
		Details	Amount	AMOUNT
		₹	₹	₹
b)	<u>Other Advances:</u>			
	Mr. C.M Ibrahim			
	Mr. C.M Sadig			
	Mr. C.M Faiz Mohammed			
	Festival Advance			5,76,000
	Vittal Rao V - Canteen Contractor	12,00,000		1,09,50,000
	T.D.S 2012	51,743		1,000
	T.D.S 2013	81,241		14,968
	B		13,32,984	
	A+B		13,32,984	1,15,41,968
8	<u>DEPOSITS</u>		1,58,34,314	2,43,45,048
	Telephone Deposit - BSNL	500		500
	BESCOM Deposit	2,06,417		2,06,417
	Electricity Deposit - KPTCL	74,770		74,770
	Gas Cylinder Deposit	8,900		8,900
	Diesel Deposit - Universal Filling Station	20,000		20,000
	Express Construction (Degree College Deposit)	72,00,000		72,00,000
	Deposit MT Reuben	2,50,000		2,50,000
	Deposit Rahima Kausar	4,00,000		4,00,000
	Deposit HP Auto Care Center	75,000		75,000
	Salary Deposits		82,35,587	57,400
			82,35,587	82,72,987
9	<u>CURRENT LIABILITIES</u>			
	Advertisement Charges Payable	3,76,225		
	Audit Fees Payable-2011	1,25,000		1,25,000
	Audit Fees Payable-2012	1,37,500		1,37,500
	Audit Fees Payable-2013	1,47,500		
	Electricity Charges Payable-2013	2,16,621		1,82,932
	Scholarship Payable - 2013	15,82,070		16,52,770
	EPF Payable - 2013	1,69,388		1,59,178
	Employer's contribution to EPF Payable - 2013	1,72,657		1,62,608
	Vehicle Maintenance Payable - 2013	1,41,094		
	Property Tax A/c - 2013	16,00,000		16,00,000
	Miscellaneous Payable - 2013	30,000		12,452
	ESI Payable - 2013	43,867		44,708
	Security Charges Payable - 2013	1,94,239		
	Telephone Charges Payable			6,253
	Water Charges Payable - 2013			
	Professional Tax - 2013	29,647		
	Salary Payable - 2013	49,400		
	LIC SSS Payable - 2013	59,828		
	LIC GSLIS Payable - 2013	69,660		
	TDS on Building Rent - 2013	13,880		
	TDS on Contractor - 2013	22,711		
		9,863	51,91,150	
			51,91,150	40,83,401

FOR IQBAL KHAN & CO.

CHARTERED ACCOUNTANTS

For HKBK COLLEGE OF ENGINEERING

(Unit of Karnataka State Muslim Federation Bangalore)

IQBAL KHAN

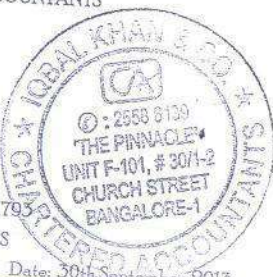
Proprietor

Membership No.: 021793

Firm Reg. No.: 001149S

Place: Bangalore.

Date: 30th September, 2013



C. M. Ibrahim
Chairman

G. M. Faiz
Treasurer

Abdul Hameed SA
Administrator

SCHEDULE - 5**DEPRECIATION STATEMENT FOR THE YEAR ENDING 31st MARCH, 2013**

PARTICULARS	W.D.V 01.04.2012	Additions During the Year	Deletion During the Year	Total 31.03.2013	%	Depreciation for the year	W.D.V 31.03.2013
	₹	₹	₹	₹		₹	₹
Block - Land & Buildings							
Land - I	1,75,75,300	-	-	1,75,75,300		-	1,75,75,300
Land - II	-	-	-	-		-	-
Land - III (New Land)	1,89,442	-	-	1,89,442		-	1,89,442
Campus Construction (Admin Block)	5,71,57,843	34,90,989	-	6,06,48,832	10	60,64,883	5,45,83,949
Construction of Qutub Enclave	10,93,36,379	74,000	-	10,94,10,379	10	-	10,94,10,379
College Land	86,00,000	-	-	86,00,000		-	86,00,000
Building - Land development	23,83,481	-	-	23,83,481	10	2,38,348	21,45,133
Building - Existing	2,20,64,273	-	-	2,20,64,273	10	22,06,427	1,98,57,846
Block - HKBK College							
Air Conditioners	6,03,758	-	-	6,03,758	15	90,564	5,13,194
Bicycles	114	-	-	114	15	17	97
Borewell	63,045	-	-	63,045	15	9,457	53,589
Camera	19,800	-	-	19,800	15	2,970	16,830
CCTV Security System	1,72,798	-	-	1,72,798	15	25,920	1,46,878
Computer Accessories	67,86,126	8,93,277	-	76,79,403	15	11,51,911	65,27,493
Glass Boards	1,68,323	-	-	1,68,323	15	25,248	1,43,075
Electrical fittings	10,07,246	4,505	-	10,11,751	15	1,51,763	8,59,988
EPBX System	38,409	1,35,000	-	1,73,409	15	26,011	1,47,398
Fax Machine	547	-	-	547	15	82	465
Fire & Safety Equip	59,996	-	-	59,996	15	8,999	50,996
Franking & Counting Machines	7,480	-	-	7,480	15	1,122	6,358
Furniture & Fixture	59,44,757	5,03,779	-	64,48,536	10	6,44,854	58,03,682
Generators	1,79,963	45,800	-	2,25,763	15	33,864	1,91,899
Gym Equipment	1,57,477	-	-	1,57,477	15	23,622	1,33,856
LCD Projected	1,18,927	-	-	1,18,927	15	17,734	1,00,493
Library Books	19,89,066	12,05,029	-	31,94,095	25	7,98,524	23,95,571
Library Books - HKBK	12,02,361	-	-	12,02,361	25	3,00,590	9,01,771
Multimedia System	15,128	1,00,000	-	1,15,128	15	17,269	97,859
Musical Instruments	23,019	-	-	23,019	15	3,453	19,566
Office Equipments	1,52,403	-	-	1,52,403	15	22,860	1,29,542
OTIS Elevator (Lift)	3,07,063	-	-	3,07,063	15	46,059	2,61,003
Overhead Projector	22,187	-	-	22,187	15	3,328	18,859
Balance C/F	23,63,46,011	64,52,379	-	24,27,98,390		1,10,15,880	23,08,82,510

SCHEDULE -5

DEPRECIATION STATEMENT FOR THE YEAR ENDING 31st MARCH, 2013

PARTICULARS	W.D.V 01.04.2012 ₹	Additions During the Year ₹	Deletion During the Year ₹	Total 31.03.2013 ₹	%	Depreciation for the year ₹	W.D.V 31.03.2013 ₹
Balance B/F	23,63,46,011	64,52,379	-	24,27,98,390		1,19,15,880	23,08,82,510
Pump Set	8,971	-	-	8,971	15	1,346	7,625
Sign Boards	11,972	-	-	11,972	15	1,796	10,176
Sound System	14,666	-	-	14,666	15	2,200	12,466
Sound System - MBA	6,700	-	-	6,700	15	1,005	5,695
Sports Equipments	2,15,818	1,21,058	-	3,36,876	15	50,531	2,86,344
Stabilizer	41,744	-	-	41,744	15	6,262	35,482
Television	1,527	-	-	1,527	15	229	1,298
Typewriter	1,129	-	-	1,129	15	169	960
Water Cooler	1,10,761	-	-	1,10,761	15	16,614	94,147
Xerox Machines I	9,687	-	-	9,687	15	1,453	8,234
Xerox Machines II	91,368	-	-	91,368	15	13,705	77,663
Block - HKBK Laboratories							
Electronic Laboratory	11,06,514	2,91,465	-	13,97,979	30	4,19,394	9,78,585
Chemistry Laboratory	2,58,290	2,29,548	-	4,87,838	30	1,46,351	3,41,487
Mechanical Laboratory	15,38,227	3,19,700	-	18,57,927	30	5,57,378	13,00,549
Foundary Laboratory	10,750	-	-	10,750	30	3,225	7,525
Civil Engineering Labrotary	-	3,71,417	-	3,71,417	30	1,11,425	2,59,992
Physics Laboratory	72,073	6,000	-	78,073	30	23,422	54,651
Laboratory Equipments	20,995	-	-	20,995	30	6,298	14,696
Electrical Laboratory	7,34,827	4,87,392	-	12,22,219	30	3,66,666	8,55,553
Welding Machines	715	-	-	715	30	214	500
Block - Vehicles							
Ford Endeavour I	1,66,605	-	-	1,66,605	15	24,991	1,41,614
Ford Endeavour II	5,01,304	-	-	5,01,304	15	75,196	4,26,108
Toyota Qualis	25,826	-	-	25,826	15	3,874	21,952
Toyota Fortuner	-	9,98,687	-	9,98,687	15	1,49,803	8,48,884
Maruti Van	11,169	-	-	11,169	15	1,675	9,494
Maruti Omni Van	66,142	-	-	66,142	15	9,921	56,221
Innova Car	11,37,983	5,45,543	-	16,83,526	15	2,52,529	14,30,997
Maruti Ritx	2,76,342	-	-	2,76,342	15	41,451	2,34,891
Maruti Van - II	30,066	-	-	30,066	15	4,510	25,556
Mercedes Benz	39,97,431	-	-	39,97,431	15	5,99,615	33,97,816
Balance C/F	24,68,15,610	98,23,189	-	25,66,38,799		1,48,09,128	24,18,29,671

SCHEDULE - 5

DEPRECIATION STATEMENT FOR THE YEAR ENDING 31st MARCH, 2013

PARTICULARS	W.D.V 01.04.2012	Additions During the Year	Deletion During the Year	Total 31.03.2013	%	Depreciation for the year	W.D.V 31.03.2013
	₹	₹	₹	₹	₹	₹	₹
Balance B/F	24,68,15,610	98,23,189	-	25,66,38,799	-	1,48,09,128	24,18,29,671
Swaraj Mazda Bus	2,53,639	-	-	2,53,639	15	38,046	2,15,593
Swaraj Mazda Bus I	3,99,832	-	-	3,99,832	15	59,975	3,39,857
Swaraj Mazda Bus II	1,52,500	-	-	1,52,500	15	22,875	1,29,625
Swaraj Mazda Bus III	2,03,336	-	-	2,03,336	15	30,500	1,72,836
Swaraj Mazda Bus IV	2,87,959	-	-	2,87,959	15	43,194	2,44,765
Tata Indigo Car	2,41,838	-	-	2,41,838	15	36,276	2,05,562
Block - Computers & Printers							
Computers	70,911	27,50,494	-	28,21,405	60	16,92,843	11,28,562
UPS	27,892	5,33,350	-	5,61,242	60	3,36,745	2,24,497
TOTAL	24,84,53,517	1,51,07,033	-	26,15,60,550	-	1,70,69,582	24,44,90,968

FOR IQBAL KHAN & CO.

CHARTERED ACCOUNTANTS



IQBAL KHAN

Proprietor

Membership No.: 021793

Firm Reg. No.: 0011495

Place: Bangalore. Date: 30th September, 2013

C.M. Ibrahim

Chairman

Abdul Hameed SA

Administrator

For HKBK COLLEGE OF ENGINEERING
(Unit of Karnataka State Muslim Federation Bangalore)

ABK COLLEGE OF ENGINEERING

(Unit of Karnataka State Muslim Federation Bangalore)

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Groupings for Income & Expenditure for the period ending 31st March, 2013

SNo	Particulars	Details	Total
		₹	₹
	<u>Revenue Income</u>		
1	<u>Tution Fees</u>		
	Tution Fees	12,19,50,143	
	CADD Fee (ME -Dept)	3,08,000	
	CADD Skech Books	7,020	
		12,22,65,163	
	Less: Fee Refund	37,01,999	11,85,63,164
2	<u>Admission & Other Fees</u>		
	Admission Fees	1,16,52,395	
	Excess Fees	45,715	
	Other Fees	4,95,930	1,21,94,040
3	<u>Book Material, CSI Fees</u>		
	Blue Books	26,488	
	Course Material	3,200	
	CSI Fees	57,792	87,480
4	<u>Examination, Remuneration, Verification Fees</u>		
	Examination Fees	32,68,715	
	Remuneration	8,60,289	
	Verification Fees	15,100	41,44,104
5	<u>Interest Received(Including IT)</u>		
	Interest Received	3,61,435	
	Interest Received from KPTCL (As per Form 16A)	3,31,109	
	Interest on FD	1,19,850	8,12,394
6	<u>Software, Projects fees(Mech/Civil/ECE)</u>		
	Oracle	16,250	
	Projects fees(ECE)	35,900	
	Projects fees(Mech)	10,00,000	
	Projects fees(Civil)	1,83,761	12,35,911
7	<u>Seminar Fee / Campus Program</u>		
	Seminar Fee	40,335	
	Campus Program	34,000	74,335
8	<u>Sports Development Fund / Soft Skills Fee</u>		
	Sports Development Fund	92,500	
	Soft Skills Fee	4,400	96,900

KBK COLLEGE OF ENGINEERING

(Unit of Karnataka State Muslim Federation Bangalore)

12

Groupings for Income & Expenditure for the period ending 31st March, 2013

SNo	Particulars	Details	Total
		₹	₹
	<u>Revenue Expenses</u>		
1	<u>Advertisement</u>		
	Advertisement	16,90,197	
	Add: Advertisement Payable	3,76,225	20,66,422
2	<u>Bank charges & Interest</u>		
	Bank charges	1,19,017	
	Interest Charges	2,34,099	3,53,116
3	<u>Electricity & Water Charges</u>		
	Electricity Charges	19,08,792	
	Water Charges	4,580	
		19,13,372	
	Add: Electricity Charges Payable - 2013	2,16,621	
	Add: Water Charges Payable - 2013	29,647	
		21,59,640	
	Less: Electricity Charges Payable - 2012	1,82,932	19,76,708
4	<u>PF Employer's Contribution</u>		
	EPF	19,25,515	
	Add: EPF Payable - 2013	1,72,657	
		20,98,172	
	Less: PF Employer's Contribution Payable - 2012	1,62,608	19,35,564
5	<u>ESI Paid</u>		
	ESI Paid	3,56,511	
	Add: ESI Payable - 2013	32,064	
		3,88,575	
	Less: ESI Payable - 2012	32,649	3,55,926
6	<u>Examination Expenses/ Remuneration</u>		
	Examination Expenses	3,53,241	
	Examination Remuneration Paid	9,18,471	
	Remuneration Paid	8,783	
	Honorarium Paid	10,500	12,90,995
7	<u>General Expenses</u>		
	General Expenses	8,64,800	
	Annual Maintenance Contract	10,000	
	Hostel Mess Expenses	1,00,000	9,74,800
8	<u>Insurance on Vehicles</u>		
	Insurance on Vehicles	3,74,330	
	Less: Refund of Vehicle Insurance	85,900	2,88,430

KKBK COLLEGE OF ENGINEERING

(Unit of Karnataka State Muslim Federation Bangalore)

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Groupings for Income & Expenditure for the period ending 31st March, 2013

SNo	Particulars	Details	Total
		₹	₹
9	<u>Legal & Membership Fees</u>		
	Legal & Membership Fees	1,00,000	
	Membership Fees	3,33,900	4,33,900
10	<u>Miscellaneous Expenses.</u>		
	Miscellaneous Expenses	6,03,499	
	Refreshment Expenses	26,560	
	NBA Expenses	32,480	
		6,62,539	
	Add: Miscellaneous Expenses Payable - 2013	30,000	
		6,92,539	
	Less: Miscellaneous Expenses Payable - 2012	12,452	
	Less: Adjustment entry for advance degree College	38,250	6,41,837
11	<u>Postage Courier charges</u>		
	Postage Courier charges	2,28,523	
	Internet Charges	5,71,815	
	Telephone Charges	3,18,858	
		11,19,196	
	Less: Telephone Charges Payable - 2012	6,253	11,12,943
12	<u>Printing & Stationery</u>		
	Printing & Stationery	18,34,456	
	Xerox Charges	960	
		18,35,416	
	Less: Stationery Refund amount	20,531	18,14,885
13	<u>Professional Fees</u>		
	Professional Fees	13,74,022	
	Consultancy Fees	19,250	13,93,272
14	<u>Rates & Taxes</u>		
	PT - DC	7,352	
	PT - HKBKCE	4,05,100	
	PT - MIPUC	18,900	
		4,31,352	
	Less: Refund of PT & PF	3,51,232	80,120
15	<u>Repairs & Maintenance - Vehicle</u>		
	Repairs & Maintenance - Vehicle	6,39,861	
	Vehicle Maintenance	18,97,325	
	Vehicle Tax	27,391	
		25,64,577	
	Add: Vehicle Maintenance Payable - 2013	1,41,094	27,05,671
16	<u>Repairs & Maintenance - General</u>		
	Repairs & Maintenance - General	26,00,719	
	Less: Advance Refund Received	1,59,292	24,41,427
17	<u>Repairs & Maintenance - Buildings</u>		

HKBK COLLEGE OF ENGINEERING

(Unit of Karnataka State Muslim Federation Bangalore)

22/1 Nagawara, Arabic College Post, Bangalore -560 045.

Ph: 080-25441722 / 3744 / 3638

BALANCE SHEET AS AT 31st March 2014

PARTICULARS	SCH NO	CURRENT YEAR		PREVIOUS YEAR	
		DETAILS	AMOUNT	DETAILS	AMOUNT
		₹	₹	₹	₹
I SOURCES OF FUNDS					
Corpus Fund	1	25,58,80,257		25,25,16,658	
Long Term Advances	2	1,55,00,000	27,13,80,257	1,55,00,000	20,80,10,658
<u>Loan Funds</u>					
Secured Loans	3	8,36,03,519		1,65,00,000	
Unsecured Loans	4	26,34,630	8,62,38,149	26,73,530	1,91,73,530
TOTAL			35,76,18,405		28,71,90,188
II APPLICATION OF FUNDS					
<u>Fixed Assets</u>					
Gross Assets	5	27,40,59,504		25,77,68,550	
Less: Depreciation		1,52,37,360		1,70,69,582	
Net Assets			25,88,22,144		24,06,98,968
<u>Current Assets, Loans,</u>					
Advances & Deposits					
Cash & Bank Balances	6	3,39,71,114		2,38,20,469	
Loans & Advances	7	7,32,84,603		2,68,26,314	
Deposits	8	10,35,587		10,35,587	
		10,82,91,304		5,16,82,370	
Less: Current Liabilities	9	94,95,043		51,91,150	
Net Current Assets			9,87,96,261		4,64,91,220
TOTAL			35,76,18,405		28,71,90,188

FOR IQBAL KHAN & CO.
CHARTERED ACCOUNTANTS

For HKBK COLLEGE OF ENGINEERING
(Unit of Karnataka State Muslim Federation Bangalore)



IQBAL KHAN
Proprietor
Membership No.: 021793
Firm Reg. No.: 001149S

C.M. Ibrahim
Chairman

C.M. Faiz
Treasurer

Abdul Hameed S.A.
Administrator

Place: Bangalore. Date: 29 September, 2014

KBK COLLEGE OF ENGINEERING

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ANNEXURE TO AND FORMING PART OF BALANCE SHEET
FOR ACCOUNTING YEAR ENDED 31st March 2014

Sch No (KSMF)	PARTICULARS	CURRENT YEAR		PREVIOUS YEAR
		Debit	Amount	AMOUNT
		₹	₹	₹
1	CORPUS FUND (KSMF Sch- 01)			
	Per Last Balance Sheet	25,25,16,658		23,14,85,002
	Add: Excess of Income over Expenditure	33,63,599		2,10,31,656
	Total		25,58,80,257	25,25,16,658
2	LONG TERM ADVANCES (KSMF Sch- 02)			
	P.V. Abdul Walab Nizambar	1,55,00,000		1,55,00,000
	Total		1,55,00,000	1,55,00,000
3	LOAN FUNDS (KSMF Sch- 03)			
	SECURED LOANS			
	J & K Term Loan A/c 114	6,35,31,484		-
	J & K Term Loan A/c 1657	2,00,72,035		1,65,00,000
	Total		8,36,03,519	1,65,00,000
4	UNSECURED LOANS & DEPOSITS (KSMF Sch- 04)			
	Collage Caution Deposit - HKBK	17,48,900		17,52,800
	Library Book Bank Deposit	8,20,730		8,20,730
	Vijay Kumar Agarwal	65,000		-
	Vittal Rao V - Canteen Contractor	-		1,00,000
	Total		26,34,630	26,73,530
5	FIXED ASSETS :- (KSMF Sch- 05)			
	Gross Block	24,06,98,968		40,19,11,991
	Add: Addition During the year	3,33,60,536		2,43,22,815
		27,40,59,504		42,62,34,806
	Less: Sales During the year	-		16,84,66,256
		27,40,59,504		25,77,68,550
	Less: Depreciation	1,52,37,360		1,70,69,582
	Net Block		25,88,22,144	24,06,98,968
6	CURRENT ASSETS (KSMF Sch- 06)			
	CASH & BANK BALANCES			
a)	Cash in Hand			
	Cash-in-hand HKBKCE			-
	Petty Cash	16,838		9,740
	Cash University	-		-
	A		16,838	9,740
b)	Cash at Bank			
	Axis Bank KSMF A/c - 148214	5,31,987		2,24,128
	KSMF Hudco A/c 101983	-		6,717
	Karnataka Bank A/c 3512 - KSMF	97,491		97,491
	Karnataka Bank A/c 101751 - HKBK	1,70,281		1,01,237
	Karnataka Bank A/c 101758 - HKBK	22,51,917		20,58,340
	Axis Bank - Fees A/c - 14030	48,42,576		13,61,407
	Axis Bank - University A/c - 14021	2,37,688		2,42,146
	Union Bank A/c 21025 - HKBK	64,487		25,122
	Axis Bank Projects (Civil) A/c - 40681	1,49,272		1,89,523
	Karnataka Bank A/c Mech (Project)-A/c - 25001	24,885		9,99,775
	J & K Bank HKBKCE Fees A/c - 2129	70,83,692		4,844
	B		1,54,54,276	53,10,729
c)	Fixed Deposits			
	With Union HKBK	15,00,000		15,00,000
	J & K Bank HKBK	1,70,00,000		1,70,00,000
	C		1,85,00,000	1,85,00,000
	Total (A+B+C)		3,39,71,114	2,38,20,469
7	LOANS AND ADVANCES (KSMF Sch- 07)			
a)	Staff Advance			
	Staff Advance - HKBK	11,16,250		28,87,910
	Advance Paid to DC	49,82,924		49,82,924
	Advance Paid to - Hostel	71,05,496		66,30,496
	A		1,32,04,670	1,45,01,330

HKBK COLLEGE OF ENGINEERING

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22/1, Nagawara, Arabic College Post, Bangalore - 560 045.

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ANNEXURE TO AND FORMING PART OF BALANCE SHEET FOR ACCOUNTING YEAR ENDED 31st March 2014

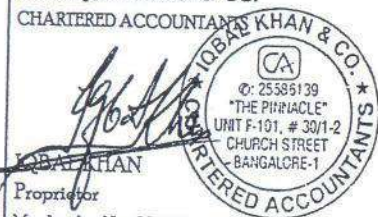
Sch No (KSMF)	PARTICULARS	CURRENT YEAR		PREVIOUS YEAR
		Detail	Amount	Amount
		₹	₹	₹
b)	Other Advances:			
	Mr. CM Sadiq	1,28,000	✓	1,92,000
	Lease Deposit Paid to Ms. P. Shaheela (HKBK CE)	3,90,00,000		1,08,00,000
	Festival Advance	-		12,00,000
	Advance For Land Purchase	1,07,00,000	✓	-
	Material Purchase Advance Supplier Time Line	1,00,00,000	✓	-
	Vittal Rao V - Canteen Contractor	-		51,743
	TDS 2014	1,70,692	✓	-
	TDS 2013	81,241	✓	81,241
	Total (A+B)		6,00,79,933	1,23,24,984
8	DEPOSITS (KSMF Sch- 08)		7,32,84,603	2,68,26,314
	Telephone Deposit -BSNL	500	✓	500
	BESCOM Deposit	2,06,417	✓	2,06,417
	Electricity Deposit - KPTCL	74,770	✓	74,770
	Gas Cylinder Deposit	8,900	✓	8,900
	Diesel Deposit - Universal Filling Station	20,000	✓	20,000
	Deposit MT Reuben	2,50,000	✓	2,50,000
	Deposit Rahima Kauser	4,00,000	✓	4,00,000
	Deposit HP Auto Care Center	75,000	✓	75,000
	Total		10,35,587	10,35,587
9	CURRENT LIABILITIES (KSMF Sch- 09)			
	Advertisement Charges Payable	-		3,76,225
	Audit Fees Payable-2011	1,25,000	✓	1,25,000
	Audit Fees Payable-2012	1,37,500	✓	1,37,500
	Audit Fees Payable-2013	1,47,500	✓	1,47,500
	Electricity Charges Payable-2013	-		2,16,621
	Scholarship Payable - 2013	15,45,629	✓	15,82,070
	EPF Payable - 2013	-		1,69,388
	Employer's contribution to EPF Payable -2013	-		1,72,657
	Vehicle Maintenance Payable - 2013	-		1,41,094
	Property Tax A/c - 2013	11,40,490	✓	16,00,000
	Miscellaneous Payable - 2013	-		30,000
	ESI Payable - 2013	-		43,867
	Security Charges Payable - 2013	-		1,94,239
	Water Charges Payable - 2013	-		29,647
	Professional Tax - 2013	-		49,400
	Salary Payable - 2013	63,98,924	✓	59,828
	LIC SSS Payable - 2013	-		69,660
	LIC GSLIS Payable - 2013	-		13,880
	TDS on Building Rent - 2013	-		22,711
	TDS on Contractor - 2013	-		9,863
	Total		94,95,043	51,91,150

FOR IQBAL KHAN & CO.

CHARTERED ACCOUNTANTS

For HKBK COLLEGE OF ENGINEERING

(Unit of Karnataka State Muslim Federation Bangalore)



Proprietor

Membership No.: 021793

Firm Reg. No.: 0011495

Place: Bangalore. Date: 29 September, 2014

C. M. Ibrahim
Chairman

C. M. Faiz
Treasurer

Abdul Hameed S.A.
Administrator

HKBK COLLEGE OF ENGINEERING

(Unit of Karnataka State Muslim Federation Bangalore)

22/1, Nagawara, Arabic College Post, Bangalore - 560 045.

Ph-080-25441722 / 3742 / 3572

Income & Expenditure Account for the year ended 31st March, 2014

PARTICULARS	CURRENT YEAR		PREVIOUS YEAR
	Details	Amount	Amount
	₹	₹	₹
INCOME			
Tuition Fees	11,87,47,250		11,85,63,164
Admission, Other Fees	1,14,70,890		1,21,94,040
Application Form Fees	3,26,000		3,26,434
CAD Fee (ME Dept.) & sketch Books	6,060		87,480
College Bus fare	5,79,250		5,40,000
Convocation Fee / University Fee Recd	4,58,540		2,07,535
Examination, Remuneration, Verification Fees Recd	41,74,474		41,44,104
Gym Fees	48,400		48,000
Hostel Rent Recd	-		4,97,335
Income Tax Refund	-		9,391
Interest Received (Including FD Interest)	4,90,266		8,12,394
Lab Manual fees	1,60,940		26,501
Library, ID card Fee Recd	35,138		1,300
Miscellaneous Income	29,02,821		53,79,543
Revaluation fees Recd	17,20,066		19,34,341
Software, Projects Fee (ECE, Mech, Civil)	5,22,800		12,35,911
Scholarship Received	1,25,56,315		77,88,135
Seminar Fee / Campus Program	3,83,009		74,335
Sports Development Fund / Soft Skills Fees	41,300		96,900
TOTAL		15,46,23,528	15,39,66,842
EXPENDITURE			
Advertisement	16,23,496		20,66,422
Affiliation Fee	4,09,000		3,00,523
Audit Fees	-		1,47,500
Bank charges & Interest	24,56,346		3,53,116
Building Tax	-		3,16,375
Campus Recruitment Expenses	-		35,114
College Function	8,02,014		7,91,696
Education - Exhibition	7,01,965		7,28,464
Electricity & Water Charges	15,36,932		19,76,708
PT & PF Contribution	33,97,516		19,35,564
ESI Paid	4,68,146		3,55,926
Examination Expenses / Remuneration	12,36,158		12,90,995
Examination Fees	46,77,700		49,24,635
General Expenses	11,38,804		9,74,800
Insurance - Buildings	1,09,818		1,05,097
Insurance on Vehicles	5,43,490		2,88,430
Legal & Membership Fees	62,065		4,33,900
Miscellaneous Expenses	18,03,178		6,41,837
Admission Expenses / HR Expenses	8,77,471		-
News Paper & Periodicals	10,537		17,697
Postage, Internet & Telephone Charges	9,38,496		11,12,943
Printing & Stationery	28,55,196		18,14,885
Professional Fees	12,41,360		13,93,272
Balance C/F	2,68,89,688		2,20,05,899

HKBK COLLEGE OF ENGINEERING

(Unit of Karnataka State Muslim Federation Bangalore)

22/1, Nagawara, Arabic College Post, Bangalore - 560 045.

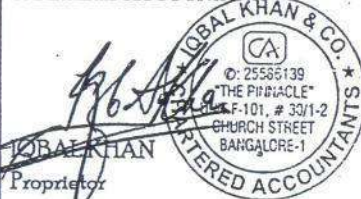
Ph: 080-25441722 / 3744 / 3638

Income & Expenditure Account for the year ended 31st March, 2014

PARTICULARS	CURRENT YEAR		PREVIOUS YEAR
	Details	Amount	Amount
	₹	₹	₹
Balance B/F	2,68,89,688		2,20,05,899
Rates & Taxes / PT Renewal Fees	3,945		10,000
Registration fees			1,45,250
Repairs & Maintenance - Computers	2,76,833		15,30,771
Repairs & Maintenance - Vehicle	21,86,234		27,05,671
Repairs & Maintenance - General	20,68,262		24,41,427
Repair & Maintenance - HKBK	47,31,633		27,03,131
Salaries & Wages	7,91,70,960		6,81,00,863
Staff & Student Welfare	10,02,073		5,71,037
Scholarship paid	1,10,10,686		77,88,135
Security Charges	24,92,448		24,47,697
Project Fees (Civil) & (Mech)	5,30,937		-
Seminar & Training Fees	2,54,251		3,62,084
Sponsorship Fee Paid	1,68,000		17,375
Students Group Insurance	3,35,000		3,78,397
Sports Expenses	3,40,013		1,86,592
Staff Group Insurance	66,261		1,32,000
Guest House Rent	4,74,940		4,76,411
Travelling & Conveyance Allowance	1,63,842		5,21,806
Uniform Expenses	7,89,739		9,47,888
University Fees, Registration	30,66,825	13,60,22,569	23,93,170
Depreciation		1,52,37,360	1,70,69,582
Excess of Expenditure over Income Trd to B/s		33,63,599	2,10,31,656
TOTAL		15,46,23,528	15,39,66,842

FOR IQBAL KHAN & CO.

CHARTERED ACCOUNTANTS



Proprietor

Membership No.: 021793

Firm Reg. No.: 001149S

Place: Bangalore. Date: 29 September, 2014

For HKBK COLLEGE OF ENGINEERING

(Unit of Karnataka State Muslim Federation Bangalore)

C. M. Ibrahim
Chairman

C. M. Faiz
Treasurer

Abdul Hameed S.A.
Administrator

11,58,65,600

HKBK COLLEGE OF ENGINEERING

(Unit of Karnataka State Muslim Federation Bangalore)

22/1 Nagawara, Arabic College Post, Bangalore -560 045.

Ph: 080-25441722 / 3744 / 3638

Receipts and Payments Account for the year ending, 31st March 2014

RECEIPTS	Details	Amount	PAYMENTS	Details	Amount
Opening Balances of:			Opening Balances of:		
Cash	9,740	9,740	Bank OD 1657	1,65,00,000	1,65,00,000
Bank A/c			Loans (Liability)		
Axis Bank Fee A/c 14030	13,61,407		Express Construction	30,00,000	
Axis Bank KSMF A/c 148214	2,24,128		Hostel A/c	3,96,741	
Axis Bank Project (Civil) A/c 40681	1,89,523		J & K A/c 114	39,74,821	73,71,562
Axis Bank University A/c 14021	2,42,146		Deposits		
J & K Fee A/c 2129	4,844		Caution Deposit	5,850	
KBLA/c 101751	1,01,237		Vittal Rao Canteen	48,257	54,107
KBLA/c 101758	20,58,340		Current Liabilities		
KBL (Mec) A/c 25001	9,99,775		Advertisement Charges Payable	3,76,225	
KSMF A/c 3512	97,490		Electricity Charges Payable	2,16,621	
KSMF Hudco A/c 101983	6,717		Employers Contribution to EPF Payable	1,72,657	
Union Bank A/c	25,122	53,10,729	EPF Payable	1,69,388	
Loans (Liability)			LIC CSLIS Payable	13,880	
Express Construction	42,50,000		LIC SSS Payable	69,660	
Hostel A/c	3,00,000		Miscellaneous Payable	30,000	
J & K A/c 114	2,50,00,000	2,95,50,000	Professional Tax Payable	49,400	
Current Liabilities			Salary Payable	59,828	
Deposits			Security Charges Payable	1,94,239	
Duties & Taxes	34,58,529		TDS on Building Rent Payables	3,860	
Caution Deposit	1,950		TDS on Contractor Payable	5,487	
Vijay Kumar (Canteen Deposit)	65,000		Vehicle Maintenance Payable	1,41,094	
Scholarship Recd	1,25,56,315	1,60,81,794	Duties & Taxes	39,48,838	
Current Assets			Property Tax A/c	4,59,510	
Loans & Advances (Asset)			Scholarship Paid	1,11,26,094	1,70,36,781
Advance Paid to Hostel	25,000		Fixed Assets		
Advance HKBK DC	3,00,000		Campus Construction (Admin Block)	31,84,914	
CM Fair Mohammed	5,00,000		Computers	24,45,032	
CM Sadiq	64,000		Construction of Qutub Enclave	14,80,000	
Timeline Project Builder	56,75,000	65,64,000	Fixed Asset Laboratory	11,40,472	
Indirect Incomes			Fixed Assets-HKBK	34,99,128	
Application Fee	3,26,000		Fixed Assets- Vehical	15,70,876	
Bank Interest Recd	4,90,266		Hostel Building Construction	28,30,000	
Bus Fees	5,79,250		UPS Block	2,32,500	1,63,82,922
Cad Sketch Books	6,060		Current Assets		
Campus Connect Prog	2,15,869		Loans & Advances (Asset)		
Canteen Rent	22,000		Advance Paid to- Hostel	5,00,000	
Civil Engineering Dept Recd	4,50,000		AM Designs	5,00,000	
College Other Fees	1,14,70,890		Advance HKBK DC	3,00,000	
Convocation Fee Recd	3,24,985		Advance On Purchase Of Land	47,00,000	
Education Verification	4,000		Chemfab Engineer (Baroda)	4,00,000	
Exam Fee Recd	32,09,943		Festival Advance-HKBK	12,10,000	
Exam Remuneration Recd	9,60,531		CM Fair Mohammed	22,00,000	
PT & PF HKBK DC	5,85,991		Ma.P.P. Shaheela	1,50,00,000	
PT & PF MIPU	2,27,892		Shafi S	60,00,000	
Gym Fee	48,400		Praveen	2,00,000	
Lab Manual Fees	1,60,940		Senarivenu	7,00,000	
Mechanical Dept Recp	72,800		Time Line Builders	1,50,000	
Misc Receipts	28,80,821		TDS - 2014	1,70,692	
Refund of LIC	1,15,408		Staff Advance HKBKCE	12,64,000	3,32,94,692
Royal Fee Recd	17,20,066		Indirect Expenses		
Seminar Fee Recd	1,67,140		Bank Charges & Interest	1,40,178	
Sports Fee	41,300		Interest On OD	23,16,168	
Stationery Amount Recd	35,138		Examination Fees Paid	46,77,700	
Tuition Fee	11,87,10,818		Examination Expenses	2,55,829	73,89,875
University Fee Recd	1,33,555	14,29,60,063	Balance C/I		9,80,29,939
Balance C/I		20,04,76,326			

HKBK COLLEGE OF ENGINEERING

(Unit of Karnataka State Muslim Federation Bangalore)

22/1 Nagawara, Arabic College Post, Bangalore - 560 045.

Ph: 080-25441722 / 3744 / 3638

Receipts and Payments Account for the year ending, 31st March 2014

RECEIPTS		Details	Amount	PAYMENTS		Details	Amount
Balance B/f			20,04,76,326	Balance B/f			9,80,29,939
Bank O/A/c 1005		2,00,72,000	2,00,72,000	Bank Remittance Paid		9,80,29,939	
Indirect Expenses				Building Insurance		1,09,818	
Affiliation Fees		151,000		LIC - GSIL		1,86,618	
Electricity Charges		13,445		LIC - SSS		8,74,378	
HR Expenses		6,069		Students Group Insurance		3,35,000	
Printing & Stationery		36,431		Vehicle Insurance Paid		5,43,490	
Misc Exp		3,31,714		Vehicle Tax		27,981	
Project (Civil)		17,000		Rates & Taxes		2,820	
Registration Fees		2,63,000		Repairs & Maintenance - Computers		2,76,853	
College Programs Exp		1,181		Repairs & Maintenance - Vehicle		21,60,323	
Repair & Maintenance		22,883		Repairs & Maintenance - General		20,68,262	
Salaries HKBK		4,59,491	13,02,214	Repair & Maintenance - HKBK		47,51,876	
				Advertisement Charges		16,23,496	
				Affiliation Fee		5,60,000	
				College Function		8,02,014	
				Consultancy Fee		44,000	
				Education Exhibition		7,01,965	
				Electricity Charges		15,50,377	
				EPF Payment		37,50,949	
				ESI Payment		4,68,146	
				General Expenses		11,38,804	
				Guest House Building Rent		4,74,940	
				HR Expenses		3,90,712	
				Internet Charges		4,81,961	
				Marketing / Admission Expenses		4,52,828	
				Membership Fees		62,065	
				Misc. Expenses		2,60,304	
				NBA Expenses		17,07,063	
				News Paper & Periodicals		10,537	
				Postage & Courier Charges		1,94,478	
				Printing & Stationery		29,26,765	
				Professional Fees		11,97,360	
				Projects-1 (Mech)		9,74,209	
				Projects-2 (Civil)		5,20,037	
				PT & PF MPU		14,850	
				PT & PF DC		36,750	
				PT-HKBKCE		4,08,850	
				PT-Renewal Fee		1,125	
				Refreshment Expenses		56,979	
				Registration Fee		8,64,525	
				Staff Group Insurance		66,261	
				Salary HKBK		6,72,95,558	
				Security Charges		24,92,448	
				Seminar Expenses		2,55,257	
				Sponsorship Fee Paid		1,68,000	
				Sports Expenses		3,40,188	
				Staff Welfare		2,995	
				Teachers Benefit Fund		53,490	
				Telephone Charges		2,62,057	
				Travelling & Conveyance Allowance		1,63,842	
				Uniform Exp.		7,89,739	
				University Fee Paid		24,65,300	
				Closing Balance of:			10,83,49,522
				Cash In Hand		16,838	16,838
				Bank A/c			
				Axis Bank Fee A/c 14030		48,42,576	
				Axis Bank KSMFA/c 148214		5,31,987	
				Axis Bank Project (Civil) A/c 40681		1,49,272	
				Axis Bank University A/c 14021		2,57,688	
				J&K Fee A/c 2129		70,83,692	
				KBLA/c 101751		1,70,281	
				KBLA/c 101758		22,51,917	
				KBL (Mech) A/c 25001		24,885	
				KSMF A/c 3512		97,491	
				KSMF Hudco A/c 101983		-	
				Union Bank A/c		64,487	
Total			22,18,50,575	Total			1,54,54,276
							22,18,50,575

For IQBAL KHAN & CO.
CHARTERED ACCOUNTANTS



Proprietor
Membership No.: 021793
Firm Reg. No.: 0011495

Place: Bangalore. Date: 29 September, 2014

For HKBK COLLEGE OF ENGINEERING
(Unit of Karnataka State Muslim Federation Bangalore)

[Signature]
Chairman

[Signature]
Treasurer

Abdul Hameed SA
Administrator

HKBK COLLEGE OF ENGINEERING
(Unit of Karnataka State Muslim Federation Bangalore)

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Groupings for Income & Expenditure for the period ending 31st March, 2013

SL No	Particulars	Details	Total
		₹	₹
	<u>Revenue Income</u>		
1	<u>Admission, Other Fess</u>		
	Admission, Other Fess	114,70,890	
	Less: Fess Refund		
			114,70,890
2	<u>Examination, Remuneration, Verification Fees</u>		
	Examination Fees	32,09,943	
	Remuneration	9,60,531	
	Verification Fees	4,000	
			41,74,474
3	<u>Miscellaneous Income</u>		
	Misc Rec	28,80,821	
	Canteen Rent	22,000	
			29,02,821
4	<u>Software, Projects fees(Mech/Civil/ECE)</u>		
	Oracle		
	Projects fees(Mech)	72,800	
	Projects fees(Civil)	4,50,000	
			5,22,800
	<u>Revenue Expenses</u>		
1	<u>Bank charges & Interest</u>		
	Interest Received	1,40,178	
	Interest on T/L		
	Interest on OD	23,16,168	
			24,56,346
2	<u>Miscellaneous Expenses</u>		
	Miscellaneous Expenses	71,410	
	Refreshment Expenses	56,979	
	NBA Expenses	17,07,063	
			18,35,452
3	<u>Postage Courier charges</u>		
	Postage Courier charges	1,94,478	
	Internet Charges	4,81,961	
	Telephone Charges	2,62,057	
			9,38,496

HKBK COLLEGE OF ENGINEERING
(Unit of Karnataka State Muslim Federation Bangalore)

Groupings for Income & Expenditure for the period ending 31st March, 2013

SL No	Particulars	Details	Total
		₹	₹
4	<u>Professional Fees</u>		
	Professional Fees	11,97,360	
	Consultancy Fees	44,000	
			12,41,360
5	<u>Repairs & Maintenance - Vehicle</u>		
	Vehicle Maintenance	21,58,253	
	Vehicle Tax	27,981	
			21,86,234
6	<u>Salaries & Wages</u>		
	Salaries	7,91,70,960	
	Add: EPF		
	ESIPaid		
	PT - HKBK CE		
			7,91,70,960
7	<u>Staff & Student Welfare, LIC-GSIL / LIC-SSS</u>		
	Staff Welfare	2,995	
	Teachers Benefit Fund	53,490	
	LIC-GSIL	186,618	
	LIC-SSS	8,74,378	
		11,17,481	
	Less: LIC Refund	1,15,408	
			10,02,073
8	<u>Scholarship paid</u>		
	Opening Balance	15,82,070	
	Add: Received During the year		
		15,82,070	
	Less: Scholarship Paid		
			15,82,070
9	<u>Travelling & Conveyance Allowance</u>		
	Conveyance		
	Travelling & Conveyance Allowance	1,63,842	
			1,63,842
10	<u>University Fees, Registration</u>		
	University Fees,	24,65,300	
	Registration Fee Paid	6,01,525	
			30,66,825

HKBK COLLEGE OF ENGINEERING

(Unit of Karnataka State Muslim Federation Bangalore)

22/1 Nagawara, Arabic College Post, Bangalore - 560 045.

Ph: 080-29441722 / 3744 / 3638

SCHEDULE - 5

DEPRECIATION STATEMENT FOR THE YEAR ENDING 31st March, 2014

PARTICULARS	W.D.V 01.04.2013	Additions During the Year	Deletion During the Year	Total 31.03.2014	%	Depreciation for the year	W.D.V 31.03.2014
	₹	₹	₹	₹		₹	₹
Block - Land & Buildings							
Land - I	175,75,300	-	-	175,75,300		-	175,75,300
Land - III (New Land)	189,442	-	-	189,442		-	189,442
Campus Construction (Admin Block)	5,45,83,949	1,61,36,364	-	7,07,20,313	10	35,36,016	6,71,84,297
Construction Qutub Enclave (W/P)	10,56,18,379	14,80,000	-	10,70,98,379		-	10,70,98,379
College Land	86,00,000	-	-	86,00,000		-	86,00,000
Building - Land development	21,45,133	-	-	21,45,133	10	2,14,513	19,30,620
Building - Existing	1,98,57,846	-	-	1,98,57,846	10	19,85,785	1,78,72,061
Hostel Building Construction (W/P)	-	54,09,855	-	54,09,855		-	54,09,855
Block - College							
Air Conditioners	5,15,194	62,000	-	5,77,194	15	86,279	4,88,915
Bicycles	97	-	-	97	15	15	82
Borewell	53,589	-	-	53,589	15	8,038	45,550
Camera	16,830	-	-	16,830	15	2,525	14,306
CCTV Security System	1,46,878	78,843	-	2,25,721	15	33,858	1,91,863
Computer Accessories	65,27,493	6,82,615	-	72,10,108	15	10,81,516	61,28,592
Glass Boards	1,43,075	-	-	1,43,075	15	21,461	1,21,613
Electrical fittings	8,59,988	8,835	-	8,68,823	15	1,30,323	7,38,500
EPBX System	1,47,398	1,63,170	-	3,10,568	15	46,585	2,63,983
Fax Machine	465	-	-	465	15	70	395
Fire & Safety Equip	50,996	7,156	-	58,152	15	8,723	49,429
Franking & Counting Machines	6,358	5,056	-	11,414	15	1,712	9,702
Furniture & Fixture	58,03,682	10,76,428	-	68,80,110	15	10,32,017	58,48,094
Generators	1,91,899	-	-	1,91,899	15	28,785	1,63,114
Gym Equipment	1,33,856	-	-	1,33,856	15	20,078	1,13,777
LCD Projected	100,493	-	-	100,493	15	15,074	85,419
Library Books	23,95,571	13,62,672	-	37,58,243	15	5,63,736	31,94,507
Library Books - HKBK	9,01,771	-	-	9,01,771	25	2,25,443	6,76,328
Multimedia System	97,859	83,585	-	1,81,444	25	45,361	1,36,083
Mechanical Equipments	-	4,19,582	-	4,19,582	25	1,04,896	3,14,687
Musical Instruments	19,566	-	-	19,566	25	2,935	16,631
Office Equipments	1,29,542	-	-	1,29,542	15	19,431	1,10,111
OTIS Elevator (Lift)	2,61,003	-	-	2,61,003	15	39,150	2,21,853
Overhead Projector	18,859	-	-	18,859	15	2,829	16,030
Balance C/F	22,70,90,510	2,69,76,161	-	25,40,66,671		92,57,154	24,48,09,517

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HKBK COLLEGE OF ENGINEERING

(Unit of Karnataka State Muslim Federation Bengal - 100)

22/1 Nagawara, Arabic College Post, Bangalore - 560 045.

Ph: 080-25447722 / 3744 / 3638

SCHEDULE - 5

DEPRECIATION STATEMENT FOR THE YEAR ENDING 31st March, 2014

PARTICULARS	W.D.V 01.04.2013 ₹	Additions During the Year ₹	Deletion During the Year ₹	Total 31.03.2014 ₹	%	Depreciation for the year ₹	W.D.V 31.03.2014 ₹
Balance B/F	22,70,90,510	2,69,76,161	-	25,40,66,671	-	92,57,154	24,48,09,517
Pump Set	7,625	-	-	7,625	15	1,144	6,481
Sign Boards	10,176	-	-	10,176	15	1,526	8,650
Sound System	12,466	-	-	12,466	15	1,870	10,596
Sound System - MBA	5,695	-	-	5,695	15	854	4,841
Sports Equipments	2,86,344	52,353	-	3,38,697	15	50,805	2,87,893
Stabilizer	35,482	-	-	35,482	15	5,322	30,160
Television	1,298	-	-	1,298	15	195	1,103
Typewriter	960	-	-	960	15	144	816
Water Cooler	94,147	-	-	94,147	15	14,122	80,025
Xerox Machines I	8,234	-	-	8,234	15	1,235	6,999
Xerox Machines II	77,663	-	-	77,663	15	11,649	66,013
Block - Laboratories							
Electronic Laboratory	9,78,585	87,393	-	10,65,978	30	3,19,793	7,46,185
Chemistry Laboratory	3,41,487	1,65,605	-	5,07,092	30	1,52,128	3,54,964
Mechanical Laboratory	13,00,549	1,67,000	-	14,67,549	30	4,40,265	10,27,284
Foundary Laboratory	7,525	-	-	7,525	30	2,258	5,268
Civil Engineering Labrotary	2,59,992	6,87,124	-	9,47,116	30	2,84,135	6,62,981
Physics Laboratory	54,651	-	-	54,651	30	16,395	38,256
Laboratory Equipments	14,696	-	-	14,696	30	4,409	10,287
Electrical Laboratory	8,55,553	33,350	-	8,88,903	30	2,66,671	6,22,232
Welding Machines	500	-	-	500	30	150	350
Block - Vehicles							
Ford Endeavour I	1,41,614	-	-	1,41,614	15	21,242	1,20,372
Ford Endeavour II	4,26,108	-	-	4,26,108	15	63,916	3,62,192
Car	-	2,50,000	-	2,50,000	15	37,500	2,12,500
Toyota Qualis	21,952	-	-	21,952	15	3,293	18,659
Toyota Fortuner	8,48,884	7,76,748	-	16,25,632	15	2,43,845	13,81,787
Toyota Innova	-	5,44,128	-	5,44,128	15	81,619	4,62,509
Maruti Van	9,494	-	-	9,494	15	1,424	8,070
Maruti Omni Van	56,221	-	-	56,221	15	8,433	47,788
Innova Car	14,30,997	-	-	14,30,997	15	2,14,650	12,16,348
Maruti Ritz	2,34,891	-	-	2,34,891	15	35,234	1,99,657
Maruti Van - II	25,556	-	-	25,556	15	3,833	21,723
Mercedes Benz	33,97,816	-	-	33,97,816	15	5,09,672	28,88,144
Balance C/F	23,80,37,671	2,97,39,862	-	26,77,77,533	-	15,05,685	25,37,20,649

HKBK COLLEGE OF ENGINEERING

(Unit of Karnataka State Muslim Federation Bangalore)
22/1 Nagawara, Arabic College Post, Bangalore - 560 045.
Ph: 080-25441722 / 3744 / 3638

SCHEDULE - 5

DEPRECIATION STATEMENT FOR THE YEAR ENDING 31st March, 2014

PARTICULARS	WDV 01.04.2013	Additions During the Year	Deletion During the Year	Total 31.03.2014	%	Depreciation for the year	WDV 31.03.2014
	₹	₹	₹	₹		₹	₹
Balance B/F	23,80,37,671	2,97,39,862	-	26,77,77,533		1,50,56,885	25,27,20,649
Swaraj Mazda Bus	2,15,593	-	-	2,15,593	15	32,539	1,83,054
Swaraj Mazda Bus I	3,39,857	-	-	3,39,857	15	50,979	2,88,879
Swaraj Mazda Bus II	1,29,625	-	-	1,29,625	15	19,444	1,10,181
Swaraj Mazda Bus III	1,72,836	-	-	1,72,836	15	25,925	1,46,910
Swaraj Mazda Bus IV	2,44,765	-	-	2,44,765	15	36,715	2,08,050
Tata Indigo Car	2,05,562	-	-	2,05,562	15	30,834	1,74,728
Block - Computers & Printers							
Computers	1,128,562	33,88,174	-	45,16,736	60	27,10,042	18,06,694
UPS	2,24,497	2,32,500	-	4,56,997	60	2,74,198	1,82,799
TOTAL	24,06,98,968	3,33,60,536	-	27,40,59,504		1,52,37,360	25,88,22,144

FOR IQBAL KHAN & CO.
CHARTERED ACCOUNTANTS

For HKBK COLLEGE OF ENGINEERING
(Unit of Karnataka State Muslim Federation Bangalore)



Proprietor
Membership No.: 021793
Firm Reg. No.: 0011495

Date: 29 September, 2014

Place: Bangalore.

Chairman
C.M Ibrahim
Treasurer
Abdul Hameed SA
Administrator

HKBK COLLEGE OF ENGINEERING

AUNIT OF KARNATAKA STATE MUSLIM FEDERATION^(REGD)

22/1, Nagawara, Arabic College Post, Bangalore -560 045.

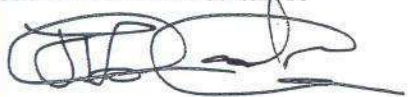
Ph: 080-25441722 / 3744 / 3638

BALANCE SHEET AS AT 31st MARCH 2015.

PARTICULARS	SCH NO	CURRENT YEAR		PREVIOUS YEAR	
		DETAILS	AMOUNT	DETAILS	AMOUNT
I. SOURCES OF FUNDS					
Corpus Fund	1	265,158,904		255,880,257	
	2		265,158,904	-	255,880,257
Loan Funds					
Secured Loans	2	76,690,605		63,531,484	
Unsecured Loans	3	608,378	77,298,983	2,634,630	66,166,114
TOTAL			342,457,887		322,046,371
II) APPLICATION OF FUNDS					
Fixed Assets					
Gross Assets	4	294,257,759		274,059,504	
Less: Depreciation		15,157,101		15,237,360	258,822,144
Net Assets			279,100,658		
Work in Progress					
Current Assets, Loans, Advances & Deposits					
Cash & Bank Balances	5	13,120,474		33,971,115	
Loans & Advances	6	79,146,816		73,284,603	
Deposits	7	1,331,457		1,035,587	
		93,598,747		108,291,305	
Less : Current Liabilities	8	30,241,518		45,067,078	
Net Current Assets			63,357,229		63,224,227
TOTAL			342,457,887		322,046,371

FOR N C M K AND ASSOCIATES
CHARTERED ACCOUNTANTS

For KARNATAKA STATE MUSLIM FEDERATION(REGD)



N C M K AND ASSOCIATES, CHARTERED ACCOUNTANTS
93/14, Second Floor, Behind CASA Miller Apt.
Nandidurga Road, Bangalore-560046

C.M. Ibrahim
Chairman

C.M. Faiz
Treasurer

Place : Bangalore.

Date: 22/09/2015



HKBK COLLEGE OF ENGINEERING**AUNIT OF KARNATAKA STATE MUSLIM FEDERATION(REGD)**

22/1, Nagawara, Arabic College Post, Bangalore -560 045.

Ph: 080-25441722 / 3744 / 3638

ANNEXURE TO AND FORMING PART OF BALANCE SHEET**FOR ACCOUNTING YEAR ENDED 31st MARCH 2015.**

Sch No	PARTICULARS	CURRENT YEAR	PREVIOUS YEAR
1	<u>CORPUS FUND</u>		
	Asper Last Balance Sheet(HKBK CE+DC+Hostel+MIPU)	255,880,257	252,516,658
	Add : Excess of Income over Expenditure	9,278,647	3,363,599
	Total	265,158,904	255,880,257
2	<u>LOAN FUNDS</u>		
	<u>SECURED LOANS</u>		
	HKBK CE - J & K Term Loan A/c - 114	76,690,605	63,531,484
	Total	76,690,605	63,531,484
3	<u>UNSECURED LOANS & DEPOSITS</u>		
	HKBK CE - Caution Deposit	273,348	1,748,900
	HKBK CE - Library Book Bank Deposit	335,030	820,730
	HKBK CE - Vijay Kumar Agarwal	-	65,000
	Total	608,378	2,634,630
4	<u>FIXED ASSETS :-</u>		
	Gross Block	258,822,145	240,698,968
	Add : Addition During the year	35,435,614	33,360,536
		294,257,759	274,059,504
	Less: Sales During the year	-	-
		294,257,759	274,059,504
	Less : Depreciation	15,157,101	15,237,360
	Net Block Total	279,100,658	258,822,144
5	<u>CURRENT ASSETS</u>		
	<u>CASH & BANK BALANCES</u>		
a)	<u>Cash in Hand</u>		
	HKBK CE	7,712	16,839
	Sub Total (A)	7,712	16,839
b)	<u>Cash at Bank</u>		
	KSMF - Axis Bank A/c - 148214	745,134	531,987
	KSMF - Karnataka Bank A/c. 3512	97,491	97,491
	HKBKCE - Karnataka Bank A/c 101751	51,053	170,281
	HKBK CE - Karnataka Bank A/c 101758	177,645	2,251,917
	HKBK CE - Axis Bank - Fees A/c - 14030	2,150,610	4,842,576
	HKBK CE - Axis Bank - University A/c - 14021	2,181,789	237,688
	HKBK CE - Union Bank A/c - 21025	64,487	64,487
	Balance C/f	5,468,209	8,196,427



HKBK COLLEGE OF ENGINEERING
AUNIT OF KARNATAKA STATE MUSLIM FEDERATION(REGD)

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ANNEXURE TO AND FORMING PART OF BALANCE SHEET
FOR ACCOUNTING YEAR ENDED 31st MARCH 2015.

Sch No	PARTICULARS	CURRENT YEAR	PREVIOUS YEAR
	<i>Balance B/F</i>	5,468,209	8,196,427
	HKBK CE - Axis Bank Projects (Civil) A/c - 40681	150,744	149,272
	HKBK CE - Karnataka Bank -Mech (Project)-A/c - 25001	(6,930)	24,885
	HKBK CE Fees - J & K Bank A/c - 2129	739	7,083,692
	Sub Total (B)	5,612,762	15,454,276
c)	Fixed Deposits:		
	HKBK CE -Union Bank	1,500,000	1,500,000
	HKBK CE - With J & K Bank	6,000,000	17,000,000
	Sub Total (C)	7,500,000	18,500,000
	Total (A+B+C)	13,120,474	33,971,115
6	LOANS AND ADVANCES		
a)	Staff Advance		
	HKBK CE - Staff Advance	783,000	1,116,250
	HKBK CE Advance Receivable from Degree College	-	4,982,924
	HKBK CE - Advance Paid to Hostel	-	7,105,496
	Degree College - Advance to KSMF	-	-
	Sub Total (A)	783,000	13,204,670
b)	Other Advances:		
	Lease Deposit to Ms.P.P.Shaheela	48,609,370	39,000,000
	Advance for Land Purchase	27,277,448	10,700,000
	Advance to Time Line Builders (material Purchased)	-	10,000,000
		-	128,000
	HKBK CE -T.D.S A Y 2015-16	106,835	-
	HKBK CE -T.D.S A Y 2014-15	170,692	170,692
	HKBK CE - TDS -AY 2013-14	81,241	81,241
	MIPU Advance to Degree College	-	-
	Degree College Salary Advance	-	-
	Vijay Kumar Agarwal (Canteen Contractor)	-	-
	Advance Vendors	2,118,230	-
	Sub Total (B)	78,363,816	60,079,933
	Total (A+B)	79,146,816	73,284,603
7	DEPOSITS		
	HKBK CE - Telephone Deposit -BSNL	500	500
	HKBK CE - BESCOM Deposit	206,417	206,417
	HKBK CE - Electricity Deposit - KPTCL	370,640	74,770
	HKBK CE - Gas Cylinder Deposit	8,900	8,900
	HKBK CE - Diesel Deposit - Universal Filling Station	20,000	20,000
	HKBK CE - M.T Reuben	250,000	250,000
	HKBK CE - Rahima Kauser	400,000	400,000
	HKBK CE - HP Auto Care Center	75,000	75,000
	Total	1,331,457	1,035,587



HKBK COLLEGE OF ENGINEERING**AUNIT OF KARNATAKA STATE MUSLIM FEDERATION(REGD)**

22/1,Nagawara, Arabic College Post, Bangalore -560 045.

Ph: 080-25441722 / 3744 / 3638

ANNEXURE TO AND FORMING PART OF BALANCE SHEET**FOR ACCOUNTING YEAR ENDED 31st MARCH 2015.**

Sch No	PARTICULARS	CURRENT YEAR	PREVIOUS YEAR
8	CURRENT LIABILITIES		
	Audit Fees Payable-2011	125,000	125,000
	Audit Fees Payable-2012	137,500	137,500
	Audit Fees Payable-2013	47,500	147,500
	AM Design	200,000	-
	HKBK CE - J & K OD A/c - 1657	19,701,988	20,072,035
	Scholarship Payable	3,607,165	7,944,553
	V P abdul wahab		15,500,000
	Property Tax A/c - Payable	348,000	1,140,490
	Salary Payable	5,882,169	
	Qutab Enclave (Payable)	-	-
	Canteen Security Deposit	20,000	-
	Employee welfare fund	23,909	
	EPF payable	615,398	
	ESI Payable	36,976	
	LIC- SSS Payable	73,209	
	LIC- GSIL Payable	10,960	
	PT Payable	40,100	
		-	
	BRANCHES		
	HKBK CE	-	-
	HKBK HOSTEL	(6,068,794)	-
	HKBK DC	4,640,438	-
	MI-PUC	800,000	-
	Total	30,241,518	45,067,078

FOR N C M K AND ASSOCIATES**CHARTERED ACCOUNTANTS**

NISAMUDEEN. C.M.K., M.Com., M.B.A., F.C.A.

CHARTERED ACCOUNTANT

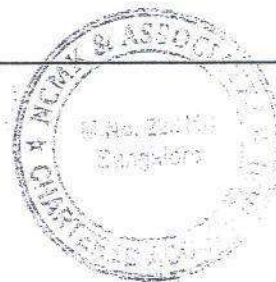
93/14, Second Floor, Behind CASA Miller Apt.
Nandidurga Road, Bangalore-560046

Place : Bangalore.

Date: 22/04/2018

For KARNATAKA STATE MUSLIM FEDERATION^(REGD)

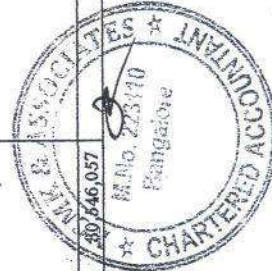
C.M. Ibrahim
Chairman

C.M. Faz
Treasurer


SCHEDULE - 5

DEPRECIATION STATEMENT FOR THE YEAR ENDING 31st MARCH, 2015.

PARTICULARS	W.D.V 01.04.2014	Additions During the Year	Deletion During the Year	Total 31.03.2015	%	Depreciation for the year	W.D.V 31.03.2015
Block - Land & Buildings							
Land - I	17,575,300			17,575,300	-	-	17,575,300
Land - III (New Land)	189,442			189,442		-	189,442
Campus Construction (Admin Block)	67,184,297	1,597,482		68,781,779	10	6,798,304	61,983,475
Construction Quab Enclave (W/P)	107,098,379			107,098,379		-	107,098,379
College Land	8,600,000			8,600,000		-	8,600,000
Building - Land development	1,930,620			1,930,620	10	193,062	1,737,558
Building - Existing	17,872,061			17,872,061	10	1,787,206	16,084,855
Hostal Building Construction (W/P)	5,409,855	21,686,780		27,096,635	-	-	27,096,635
Gautteen Building		1,630,786		1,630,786	-	-	1,630,786
Block - HKBK Enage College							
Air Conditioners	488,915			488,915	15	73,337	415,578
Bicycles	82			82	15	12	70
Borewell	45,550			45,550	15	6,833	38,718
Camera	14,306			14,306	15	2,146	12,160
CCTV Security System	191,863			191,863	15	28,779	163,084
Computer and Accessories	7,985,286	4,386,889		12,372,175	15	1,519,310	10,852,865
Glass Boards	121,613			121,613	15	18,242	103,371
Electrical fittings	738,500			738,500	15	110,775	627,725
EPBX System	263,983			263,983	15	39,597	224,386
Rax Machine	395			395	15	59	336
Fire & Safety Equip	49,429			49,429	15	7,414	42,015
Franking & Counting Machines	9,702			9,702	15	1,455	8,247
Furniture & Fixture	5,848,094	1,107,567		6,955,661	15	960,282	5,995,379
Generators	163,114			163,114	15	24,467	138,647
Gyn Equipment	113,777			113,777	15	17,067	96,710
LCD Projected	85,419			85,419	15	12,813	72,606
Library Books	9,870,835	111,985		9,982,820	15	589,024	3,393,796
Multimedia System	136,083			136,083	15	20,412	115,671
Mechanical Equipments	314,687			314,687	15	47,203	267,484
Musical Instruments	16,631			16,631	15	2,495	14,136
Office Equipments	110,111			110,111	15	18,363	91,748
OTIS Elevator (Lift)	221,853	24,618		246,471	15	33,278	213,193
Overhead Projector	16,030			16,030	15	2,405	13,625
Pump Set	6,481			6,481	15	972	5,509
Balance C/I	246,622,693	30,546,057		277,168,750		12,815,312	264,353,438



SCHEDULE - 5

DEPRECIATION STATEMENT FOR THE YEAR ENDING 31st MARCH, 2015.

PARTICULARS	W.D.V 01.04.2014	Additions During the Year	Deletion During the Year	Total 31.03.2015	%	Depreciation for the year	W.D.V 31.03.2015
Block - Land & Buildings							
<i>Balance B/f</i>	246,622,693	80,546,057	-	277,168,750		12,315,812	264,853,438
Sign Boards	8,650			8,650	15	1,298	7,353
Sound System	10,596			10,596	15	1,589	9,007
Sound System - MBA	4,841			4,841	15	726	4,115
Sports Equipments	287,893			287,893	15	43,184	244,709
Stabilizer	30,160			30,160	15	4,524	25,636
Television	1,103			1,103	15	165	938
Typewriter	816			816	15	122	694
Water Cooler	80,024			80,024	15	12,004	68,020
Xerox Machines I	6,999			6,999	15	1,050	5,949
Xerox Machines II	66,013			66,013	15	9,902	56,111
Office Equipments							
Block - HKBK Laboratories							
Electronic Laboratory	746,185	25,629		771,814	30	227,700	544,114
Chemistry Laboratory	354,964	134,642		489,606	30	126,686	362,921
Mechanical Laboratory	1,027,284	653,588		1,680,867	30	406,223	1,274,644
Foundry Laboratory	5,268			5,268	30	1,580	3,688
Civil Engineering Laboratory	662,981	46,533		709,514	30	205,874	503,640
Physics Laboratory	38,256	4,000		42,256	30	12,077	30,179
Laboratory Equipments	10,287			10,287	30	3,086	7,201
Electrical Laboratory	622,232	1,042,794		1,665,026	30	345,089	1,321,937
Welding Machines	350			350	30	105	245
<i>Balance C/f</i>	250,587,595	82,453,238	-	283,040,833	15	13,716,296	269,324,537



SCHEDULE - 5

DEPRECIATION STATEMENT FOR THE YEAR ENDING 31st MARCH, 2015.

PARTICULARS	W.D.V 01.04.2014	Additions During the Year	Deletion During the Year	Total 31.03.2015	%	Depreciation for the year	W.D.V 31.03.2015
Block - Land & Buildings							
<i>Balance B/f</i>	250,387,595	32,453,288	-	283,040,883	-	13,716,296	269,324,537
Block - Vehicles							
Ford Endeavour I	120,372			120,372			307,863
Ford Endeavour II	362,192			362,192	15	54,329	1,421,050
Vehicle Car	212,500	1,841,000		1,553,500	15	192,450	15,860
Toyota Qualis	18,659			18,659	15	2,799	6,860
Maruti Van	8,070			8,070	15	1,211	40,620
Maruti Omni Van	47,788			47,788	15	7,168	896,451
Toyota Innova Car	462,509			1,006,637	15	110,186	1,033,896
Innova Car	1,216,348	544,128		1,216,348	15	182,452	1,893,011
Toyota Fortuner	1,381,787	776,748		2,158,535	15	265,524	169,708
Maruti Ritz	199,657			199,657	15	29,949	18,465
Maruti Van - II	21,723			21,723	15	3,253	2,454,922
Mercedes Benz	2,888,144			2,888,144	15	433,222	155,766
Swaraj Mazda Bus	183,254			183,254	15	27,488	245,547
Swaraj Mazda Bus I	288,879			288,879	15	43,332	93,654
Swaraj Mazda Bus II	110,181			110,181	15	16,527	124,874
Swaraj Mazda Bus III	146,910			146,910	15	22,037	176,843
Swaraj Mazda Bus IV	208,050			208,050	15	31,208	148,519
Tata Indigo Car	174,728			174,728	15	26,209	451,842
Block - Computer & Allied Instrument							
UPS	182,799	320,500		503,299	15	51,457	278,980,286
TOTAL	258,822,145	35,435,614	-	294,257,759		15,157,101	

FOR N C M K AND ASSOCIATES

CHARTERED ACCOUNTANTS

For KARNATAKA STATE MUSLIM FEDERATION (REGD)

C.M. Ibrahim
ChairmanC.M. Fakhri
Treasurer

Place : Bangalore.

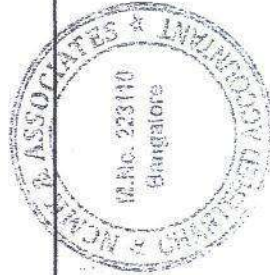
Date: 22/04/2015

NISAMUDEEN, C.M.K., M.Com., M.B.A., F.C.A.

CHARTERED ACCOUNTANT

93/14, Second Floor, Behind CASA Miller Apt.

Nandidurga Road, Bangalore-560046



HKBK COLLEGE OF ENGINEERING A UNIT OF KARNATAKA STATE MUSLIM FEDERATION(REGD) # 22/1, Nagawara, Arabic College Post, Bangalore -560 045. Ph: 080-25441722 / 3744 / 3638		
Income & Expenditure Account for the year ended 31st March, 2015.		
PARTICULARS	HKBK Eng College	PREVIOUS YEAR
	Details	Amount
<u>INCOME</u>		
Tution Fees	123,376,123.46	118,747,259
Admission & other Fees		11,470,890
Application Form Fees	331,001.00	326,000
Blue Book Charges		
College Bus fare	772,218.00	579,250
Convocation Fee Recd		458,540
Examination & Remuneration Fees Recd	7,600,799.00	4,174,474
Gisl Refund Recd		
Gym Fees	57,600.00	48,400
Hostel & Canteen Rent Recd	229,000.00	
Income Tax Refund		
Interest Received	541,569.00	490,266
Lab Manual and other book fees	250,200.00	160,940
Library Fee Recd(Including ID Card Fees)		35,138
Miscellaneous fees & Income	16,065,019.00	2,902,821
Uniform Fee Received		1,720,066
Revaluation fees Recd		12,556,315
Scholarship Received		
Software, Projects & other Training Fee(ECE, Mech, Civil)	1,465,490.00	528,860
Seminar & other Function Fee Recd	225,905.00	383,009
I C F A I & University Fee		
Sports Development Fund	21,010.00	41,300
Hostel Mess Income		
University & document fees	261,400.00	
TOTAL	151,197,334.46	154,623,528
<u>EXPENDITURE</u>		
Advertisement	1,437,509.00	1,623,496
Affiliation Fee	498,045.00	409,000
Bank charges & Interest	1,819,477.74	2,456,346
Campus Recruitment & Placement Expenses	554,125.00	
College Function	726,186.00	802,014
Education - Publicity, Exhibition & Admission Expenses	2,541,940.00	1,579,436
Electricity & Water Charges	2,189,382.00	1,536,932
E.S.I Paid	387,963.00	
Examination Expenses and Remuneration	5,884,632.00	6,382,004
General Expenses		1,138,804
Insurance - Buildings	118,500.00	109,818
Insurance on Vehicles	392,862.00	543,490
Legal & Membership Fees	126,090.00	62,065
Miscellaneous Expenses	38,818.00	1,803,178
News Paper & Periodicals	23,525.00	10,537
Postage, Internet & Telephone Charges	136,235.00	938,496
Printing & Stationery	2,706,518.00	2,855,196
Professional Tax	40,450.00	3,945
P F Employer's Contribution	2,922,108.00	3,397,516
Balance C/f	22,544,365.74	25,652,273



HKBK COLLEGE OF ENGINEERING**A UNIT OF KARNATAKA STATE MUSLIM FEDERATION(REGD)**

22/1, Nagawara, Arabic College Post, Bangalore -560 045.

Ph: 080-25441722 / 3744 / 3638

Income & Expenditure Account for the year ended 31st March, 2015.

PARTICULARS	HKBK Eng College	PREVIOUS YEAR
	Details	Amount
<i>Balance B/f</i>	22,544,365.74	25,652,273
Professional Fees	218,110.00	1,241,360
Rates & Taxes	3,525,936.00	
Repairs & Maintenance - Computers	172,565.00	276,833
Repairs & Maintenance -Vehicle	1,912,131.00	2,186,234
Repairs & Maintenance - General	1,600,803.00	2,068,262
Repair & Maintenance - Building	3,116,542.00	4,731,633
Salaries & Wages	83,239,458.00	79,170,960
Staff & Student Welfare, LIC-GSIL	683,064.00	1,002,073
Scholarship paid		11,010,686
Security Charges	2,237,808.00	2,492,448
Seminar & Training Expenses	887,310.00	698,937
Sponsorship Fee Paid	149,910.00	254,251
Students Group Insurance		335,000
Sports Expenses	126,560.00	340,013
Staff Group Insurance		66,261
Rent on Hostel, Buildings and Guest House	365,500.00	474,940
Travelling , Conveyance and boarding expenses	1,405,339.00	163,842
Telephone and Internet Expenses	773,767.00	
Uniform Expenses	882,920.00	789,739
University Fees, Registration & accreditation exp	2,919,498.00	3,066,825
Depreciation	15,157,100.58	15,237,360
Excess of Income over Expenditure Trf to B/s	9,278,647	3,363,598
TOTAL	151,197,334	154,623,528

FOR NCMK AND ASSOCIATED
CHARTERED ACCOUNTANTS

For KARNATAKA STATE MUSLIM FEDERATION(REGD)

NISAMUDEEN. C.M.K., M.Com., M.B.A., F.C.A

CHARTERED ACCOUNTANT

93/14, Second Floor, Behind CASA Miller Apt
Nandivarga Road, Bangalore-560045

HKBK COLLEGE OF ENGINEERING

Approved by AICTE & Affiliated to VTU



S.No. 22/1, Nagawara, Bangalore 560 045

Tel : +91-80- 2544 1722 / 3744 / 3690 / 3698

Fax : +91- 80- 2544 3813

Email : info@hbkbeducation.org

URL : www.hbkbeducation.org

HKBK/123/2016

02.05.2016

Certificate of Compliance

This is to certify that HKBK College of Engineering fulfils all norms stipulated by the affiliating University Visveswaraya Technological University and has the recognition by regulatory council, AICTE and that the affiliation and recognition is valid as on date

It is noted that NAAC's accreditation, if granted, shall stand cancelled automatically, once the institution loses its University affiliation or Recognition by the AICTE

In case the undertaking submitted by the institution is found to be false then the accreditation given by NAAC is liable to be withdrawn. It is also agreeable that the undertaking given to NAAC will be displayed on the college website

Date:

Place:


Principal/Head of the Institution
(Name and Signature with office seal)

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