



HKBK COLLEGE OF ENGINEERING

Information Science and Engineering

SYRITZ

From Principal's Desk

Vol 12 Issues 2

Feb 2020 to Aug 2020



Dr. M S BHAGYASHEKAR

Principal

Since 1997 HKBKCE is serving the society by producing Engineer to global quality. The creative Students with Professional ethics, Analytical skill and Innovative vision are serving many industries at global level.

The Department with at most care and support to Individual students to acquire communication and Leadership skills. The dedicated faculty, infrastructure and Innovative Teaching method of the department is help for the students to become a global Leader.

About the Department

Information Science & Engineering was established in the year 1997 aims at carving a niche in producing Information Technology professionals who will be ready to meet the persona of the corporate world. An Engineering degree from HKBK equips you with the analytical, technical and professional skills needed to solve some of the biggest challenges we face in the world today.

From HOD's Desk



Dr. Syed Mustafa A

HOD- ISE

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I am very pleased to unveil volume 12, issue 2 of our department newsletter "Syritz 2020". In this issue, we have presented the news related to diverse activities conducted by the department and also the contribution and achievements of our faculty members and students.

Vision & Mission of the Department

Vision: To train skilled and ethical professionals with an ability to plan, design, develop, organize and manage modern and traditional information systems with the knowledge of Information technologies, services and organizations globally.

Mission: To impart high quality engineering education in the field of Information Science & Technology with strong theoretical and extensive practical training methodologies through innovation and research to make world class engineers.

Activities in the Department

1. Five days FDP Program on “**Microcontroller and Embedded System Laboratory**” in association with ISTE conducted on 6th to 10th February 2020.

Resource Persons:

Prof. Archana H, Prof. Imran Ulla Khan, Prof. Aparna Nair M K Department CSE & ISE, HKBKCE, Bangalore.



2. Bridge course on “**C++ programming**” & “**InfiTQ program (INFOSYS)**” conducted on 3rd to 6th February 2020.

Resource Persons:

Prof. S K Jamil Ahmed & Prof. Shagnefta Taskeen Department ISE, HKBKCE, Bangalore.



3. Tribute to Martyrs of the “ Pulwama ”Attack on 15th Feb 2020.



4. One day Seminar on “Career Guidance & Education Awareness Program” conducted on 25th February 2020.

Resource Persons:

Ms. Sayeda Sharifunissa, Web engineer

Mr. Pratik Khandelwal, Software Developer

Mr. Bapusaheb Patil, Mobile Engineer **Sofway Solutions, Bangalore**



5. Three day SDP Program on “Python Programming”, Conducted on 2nd to 4th March 2020.

Resource Persons:

Mr. K. Ravindra, chartered Secretary, Founder & Developer, Ekalavya Universys, Bangalore.



6. Three Days Online Faculty Development Program on “**Block Chain, Java Spring Boot, Cloud Native App**” in association with ISTE conducted on 10th to 12th August 2020.

Resource Persons:

Dr. Manish Kumar Jain, Block Chain Architect

Ms. Safa Albadri, Developer Lead, Aditi Consulting

Mr. Nilabh Nikunj, Senior Member of Technical Staff.



Department Topper AY-2019-20

VTU EXAMINATION AY 2019-20 Dept. TOPPERS

RANK	I YEAR	II YEAR	III YEAR	IV YEAR
1	 Amreen Khanum (1HK19IS014) 91.1%	 Ashwini T K (1HK18IS012) 86.38%	 Misbah Fathima M (1HK17IS037) 83.37%	 Shahina Banu (1HK16IS080) 87.05%
	 Karthika Hiremath (1HK19IS036) 84.05%	 Madhumitha P (1HK18IS036) 86.27%	 Fizath Ujaion (1HK17IS023) 82.87%	 Zahra Fathima (1HK16IS110) 85.85%
3	 Ramya K (1HK19IS079) 82.33%	 Sakthivel C (1HK18IS075) 85.66%	 Subba Lakshmi (1HK17IS078) 82.74%	 Dasari Vedasri (1HK16IS026) 85.46%

PLACEMENTS



Mohammed Naufil Adnaan

1HK16IS041

Feenixtech (3.5-8 Lakhs)



Shahina Banu

1HK16IS080

Freenkart solution (4 LPA)

Number of Students Placed	60 out of 70
Maximum Package	6 LPA
Average Package	4.5 LPA
Minimum Package	3 LPA



Dasari Vedasri

1HK16IS026

Infosys (3.5 LPA)



Saba Naaz

1HK16IS068

Bristlicone (3.5 LPA)



Tabassum R

1HK15IS059

Tech Mahindra
(3.35 LPA)

Student's accomplishments

1. Final Year Students attended in IISC Open day Exhibition Conducted on February 29th 2020.



SPORTS WINNER for Academic year 2019-20



Winner of Cricket tournament 2019



Winner of football tournament 2019

Alumni of ISE



Mubashira A
1HK16IS056



Zahra Fathima
1HK16IS110



Shahina Banu
1HK16IS080



Dasari Vedasri
1HK16IS026



Shagufta Naaz S
1HK16IS079



Saba Naaz
1HK16IS068



Mohammed Naufil Adnan
1HK16IS041



Faraz Ahmed
1HK15IS014



Babitha S
1HK15IS010



Mariam Umer
1HK15IS026



Vandana Yadav
1HK15IS060



Afreen Bokhari
1HK15IS003

Faculty's accomplishments

PATENT:

Dr. Syed Mustafa A filed the patent "**SYSTEM AND METHOD FOR PROVIDING REAL-TIME MULTIMEDIA COMMUNICATION OVER COMMUNICATION CHANNELS**" with Application No: 202041011747.

FUNDED PROJECT:

Prof. Galeebathullah .B received KSCST fund of Rs 4,500/- for the project titled "**Smart Waste Collection and Segregation Bin4**" for the project group of Ms.PAVITHRA N, Ms.RAVEENA M, Ms.SAMREEN BEGUM and Ms. AMEENA ROMAN in 2019. Karnataka State council for science and technology [KSCST] State Level, KSCST - 43rd Series of Student Project Programme: AY 2019- 20.

PUBLICATIONS:

1. Dr. Syed Mustafa A Published paper title "**CNN-BLSTM Joint Technique on Dynamic Shape and Appearance of FACS**", International Journal of Engineering and Advanced Technology (IJEAT), Vol.9 / Issue-4/1754-1757/ April 2020, ISSN:2249 – 8958.
2. Dr. Syed Mustafa A and Prof. Aparna Nair Published paper title "**Estimation of Driver's level Drowsiness and Alcohol Intoxication using Arduino**" International Research journal of Engineering and Technology (IRJET), Vol 7, Issue 8, August 2020, ISSN: 2395- 0056.
3. Prof. Sharavana K Published paper title "**Real-Time Text to Braille and Audio Converter**" at International Research Journal of Engineering and Technology (IRJET) Volume: 07 Issue: 08 | Aug 2020.
4. Prof. Shruthi KC Published paper title "**AN EFFICIENT FRAMEWORK FOR COHESION AND QUALITY TOPI-CAL PHRASE MINING USING QBA ALGORITHM**" at ISSN-2394- 5125 VOL 7, ISSUE 18, 2020.
5. Prof. Rakheeba Taseen Published paper title "**A SECURE CLOUD BASED-EHR FRAMEWORK FOR THE SE-CURITY AND PRIVACY MEDICAL DATA USING HIERARCHICAL CPABE**" at ISSN-2394-5125, vol7 ISSUE 17, 2020.

Faculty Online FDP/Webinar Attended AY 2019-20

1. Prof. Asghar Pasha attended Webinar on "**Business Intelligence and its Applications**" conducted on 5th May 2020 at S.E.A College of Engineering and Technology, Bangalore-560049.

2. Prof. Asghar Pasha attended FDP on “ **OBE and NBA Accreditation**” conducted on 9th May 2020 at Sinhgad Institute of Technology and Science, Narhe, Pune-41.
3. Prof. Asghar Pasha attended FDP on “ **Digital Era Teaching**” conducted on 11th to 13th May 2020 at Diksoochi, Mysuru-570022.
4. Prof. Asghar Pasha attended International webinar on “ **Cultivating Positive attitude for Professional Excellence**” conducted on 13th May 2020 at Colombo plan staff college, Phillipine.
5. Prof. Asghar Pasha attended FDP on “ **Big Data Tools**” conducted on 18th to 23rd May 2020 at St. Martin’s Engineering College, Dhulapally, Secunderabad-500100.
6. Prof. Sharavana K attended FDP on “ **Big Data Tools**” conducted on 18th to 23rd May 2020 at St. Martin’s Engineering College, Dhulapally, Secunderabad-500100.
7. Prof. Sharavana K attended Webinar Series entitled “ **Recent Trends in Computer Science and Technology**” conducted on 4th to 6th June 2020 KLE College of Engineering & Technology, Chikodi, Karnataka.
8. Prof. Sharavana K attended FDP on “ **Big Data Tools**” conducted on 26^h to 30th May 2020 at Department of Information Technology, Fr. Conceicao Rodrigues College of Engineering, Mumbai.
9. Prof. Sharavana K attended International Webinar on “ **How To Get Research Grants From UGC,AICTE**”(Minor Or Major Research Project Application Process) conducted on 9th June 2020 at Jointly hosted by Mar Baselios Institute of Technology And Science[MBITS] & Mahatma Gandhi University, School of Management And Business Studies(Smbs) Nellimattom P.O. Kothamangalam-686693,Kerala,India.
10. Prof. Sharavana K attended FDP On “ **A DevOps approach: Dockers in Blockchain**” conducted on 17th -21st June 2020 at AMC Engineering College, Department of Computer Science and Engineering, Bangalore.
11. Prof. P Devisivasankari attended FDP On “ **IEEE Reference management Tools**” Conducted on 20th May 2020 at IEEE Bangalore Section.
12. Prof. S K Jamil Ahmed attended FDP On “ **Data Science**” conducted on 26th -30th May 2020 at Department of Information Technology, Fr. Conceicao Rodrigues College of Engineering, Mumbai.
13. Prof. S K Jamil Ahmed attended FDP On “ **Neural Networks and Deep Learning using Python**” conducted on 1stto 5th June 2020 at School of Computing and Information Technology, Reva University,Bengaluru.

14. Prof. S K Jamil Ahmed attended Webinar On “ **Star AI X-Pert** ” conducted on 28th May 2020 at Star Certification.
15. Prof. S K Jamil Ahmed attended Webinar On “ **The Future of Computing-Cloud and Fog Computing**” conducted on 29th May 2020 at Noorul Islam Center For Higher Education, Tamil Nadu.
16. Prof. S K Jamil Ahmed attended Webinar On “**Business Intelligence and its Application**” conducted on 5th June 2020 at S.E.A. College of Engineering and Technology, Bangalore.
17. Prof. S K Jamil Ahmed attended Webinar On “**Ethical Hacking**” conducted on 13th June 2020 at Sigma Institute of Engineering-Vadodara.
18. Prof. S K Jamil Ahmed attended Webinar On “**Preparedness and Challenges of College Teachers in the Post Covid Era**” conducted on 14th June 2020 at Government First Grade College For Women, Balmatta, Mangaluru.
19. Prof. S K Jamil Ahmed attended NPTEL Certification on “**NBA Accreditation and Teaching-Learning in Engineering (NATE)**” conducted on Jan- April 2020.
20. Prof. S K Jamil Ahmed attended Online Course on “**Machine Learning**” conducted on 23rd April 2020 at Tata Steel ELearning Programing.
21. Prof. S K Jamil Ahmed attended Online Course on “**Advance Microsoft Excel**” conducted on 29th April 2020 at Tata Steel ELearning Programing.
22. Prof. S K Jamil Ahmed attended Online Course on “**Data Visualization with Python**” conducted on 12th April 2020 at CognitiveClassAI.
23. Prof. S K Jamil Ahmed attended Online Course on “**Python 101 for Data Science**” conducted on 10th April 2020 at CognitiveClassAI.
24. Prof. S K Jamil Ahmed attended Online Course on “**Introduction to Data Science**” conducted on 12th April 2020 at CognitiveClassAI.
25. Prof. S K Jamil Ahmed attended Online Course on “**Data Analysis with Python**” conducted on 14th April 2020 at CognitiveClassAI.
26. Prof. S K Jamil Ahmed attended Online Course on “**Machine Learning with Python**” conducted on 23rd April 2020 at CognitiveClassAI.
27. Prof. S K Jamil Ahmed attended Online Course on “**Bacterial Genomes: From DNA to Protein Function using Bioinformatics**” conducted on 26th April 2020 at Future Learn Wellcome Genome Campus Advanced Courses and Scientific Conference.
28. Prof. S K Jamil Ahmed attended Online Course on “**Work Life Balance and Impact of Remote Working**” conducted on 26th April 2020 at Future Learn Coventry University.

29. Dr. Syed Mustafa A attended Webinar on “**IOT Stack - End to End Security Considerations**” conducted on 26th May 2020 at Dept. of CSE, Cambridge Institute of Technology.
30. Dr. Syed Mustafa A attended FDP on “ **Outcome based Education and Accreditation**” conducted on 25th -29th May 2020 at IILM College of Engg. &Tech., Greater Noida, U.P (India).-201306.
31. Dr. Syed Mustafa A attended FDP on “**A DevOps approach: Dockers in Blockchain**” conducted on 17th - 21st June 2020 at AMC college of Engineering, Bangalore.
32. Dr. Syed Mustafa A attended FDP on “ **Emerging Trends on Cyber Security**” conducted on 15th to 20th June 2020 at CMR Institute of Technology, Bangalore.
33. Dr. Syed Mustafa A attended NPTEL 12 weeks course on “**NBA Accreditation and Teaching - Learning in Engineering (NATE)**” conducted on Jan- April 2020.
34. Dr. Saira Banu attended AICTE workshop on “**Online course on Exam Reform**” conducted on 29th April to 2nd May 2020.
35. Prof. Mahesha K attended NPTEL Certification on “**NBA Accreditation and Teaching-Learning in Engineering (NATE)**” conducted on Jan- April 2020.
36. Prof. Mahesha K attended NPTEL Certification on “**Software Testing**” conducted on Jan- Feb 2020.
37. Prof. Mahesha K attended NPTEL Certification on “**Internet of Things (IOT)**” conducted on Jan- April 2020.
38. Prof Aparna Nair M K attended Online Training Program on” **Robotics Systems Design using Arm Based MSP432 Microcontrollers** “conducted on 17-19 June 2020 at Texas Instruments India University Program in association with EdGate Technologies Pvt Ltd Bangalore.
39. Prof Farnaz Khatoon attended International Webinar on ”**Preparedness and challenges of class teachers in the post Covid Era**” conducted on 14th June 2020 at Government First Grade College For Women Balmatta,Mangalore-575001.
40. Prof Farnaz Khatoon attended FDP on ”**Neural network and Deep Learning**” conducted on 1st to 5th June 2020 at Reva University Bangalore.
41. Prof. Chandanita Thakur attended FDP on “**A DevOps approach: Dockers in Blockchain**” conducted on 17th - 21st June 2020 at AMC college of Engineering, Bangalore.
42. Prof Chandanita Thakur attended International Webinar on ”**Preparedness and challenges of class teachers in the post Covid Era**” conducted on 14th June 2020 at Government First Grade College For Women Balmatta,Mangalore-575001.

It gives us immense joy and satisfaction to re-introduce our department "Syriz". The technical articles exhibited by students stand declaration to the advanced range of abilities of the students. The magazine continues to expand its reach to achieve its vision of being a truly representative student publication. In its own modest approach would keep on emphasizing the technical abilities of students in its future releases.

We hope you enjoy reading this issue as much as we have enjoyed making it.



Dr. Syed Mustafa A.
HOD – Dept. Of ISE



Prof. Sreekanth B.
Asst. Prof, Dept. of ISE



Prof. Rakheeja Taseem
Asst. Prof, Dept. of ISE



Arshadkhan A Jahagiridar
5th Sem



Sudip Shetty S
5th Sem



Mohammed Kawran
5th Sem



Amira Afaq
5th Sem



Tamim Ahamed
7th Sem



Navya R
3rd Sem



Jaseela Beary
3rd Sem

