

THE EDIFICE

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THE EDIFICE NEWSLETTER

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MoU signed

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ISE Dept.
Transform Here

DEPARTMENT OF INFORMATION
SCIENCE AND ENGINEERING

VISION

Emerge as centre of learning in the field of information science & engineering with technical competency to serve the society.



MISSION

To provide excellent learning environment through balanced curriculum, best teaching methods, innovation, mentoring and industry institute interaction.



HoDs' Desk

It gives me immense pleasure and great satisfactory to bring out the Volume 1, Issue 7 of “THE EDIFICE”, half yearly Newsletter of ISE Department for the period July to December 2020. This issue of our Department magazine is a milestone that marks our growth, unfolds our imaginations, and gives life to our thoughts and aspirations. It releases a wide range of creative skills of our students which includes coding club; project based learning and co-curricular activities. THE EDIFICE is a perfect assortment of creative thinking, art, knowledge and wisdom which vibrates in the inner soul of various stake holders. I congratulate the entire ISE team for their effort in bringing out this magazine in a very innovative way.



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Workshop / Open Course / Expert Talk Organized

Workshop

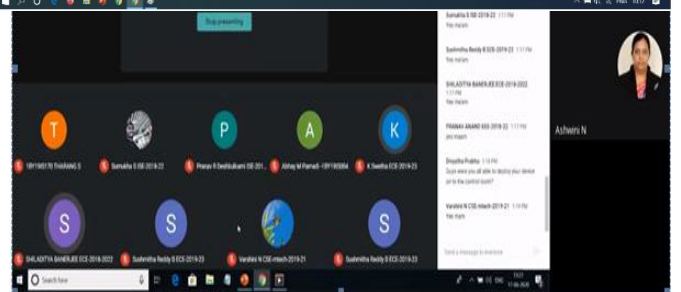
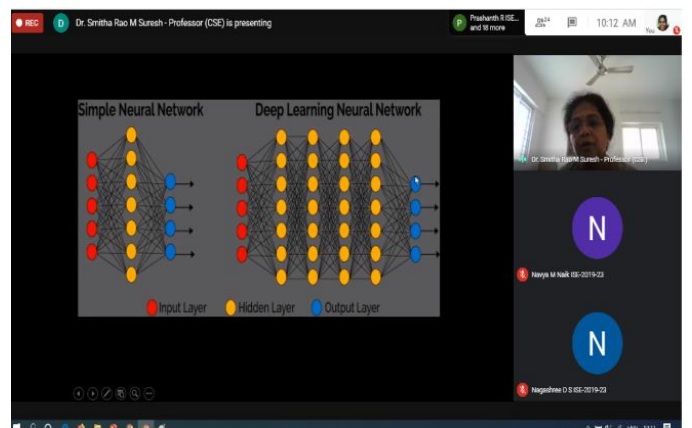
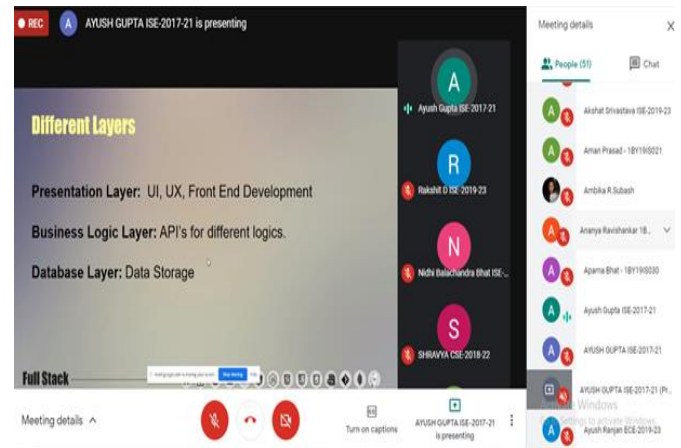
The Department of Information Science and Engineering has conducted a national level FDP / SDP on “Trends in Data Analytics “ from 10-14.08.2020. There were about 41 participants from various states such as Gujrat, Karnataka, Tamil Nadu, Uttar Pradesh, West Bengal, Assam, Goa, Odisha, Punjab, Telangana, Kerala and Maharashtra. It was inaugurated by the chief guest Mr. Pankaj Muthe . Dr. Pushpa S. K. convenor of the FDP welcomed the chief guest Mr. Pankaj Muthe and all other attendees. Mr. Pankaj Muthe, Shri. C Satyanandan, Dr. Surendra Prasad Babu and Principal Dr. Mohan Babu shared their perspectives on Data Analytics. Vote of thanks was given by Dr. Sheela Kathavate.

Open Course

1. Prof. Ambika R, Prof. S. Mahalakshmi, Prof. Shanthi. D.L, Prof. Swetha M.S has organised an open course “Webstack Development for IT Career” around 67 students registered. Mr.Mohd Rahmat Khan, Mr.Ayush Gupta, Mr.Chethan from Tecidexa Services were the Resource Persons. Everyday Assignments and Quiz has been conducted. All students shown interest and completed the works on time.

2. Dr. Usha B A, Dr.Rudresh Shirwaikar, Prof. Gireesh babu C N and Prof. Veena N have organised an open course “Applied machine Learning” around 26 students registered. Mr .Abhijit, student of 4th semester, Dept. of ISE, BMSIT&M was the Resource Person along with the Experts from Industry and Academics. Everyday Assignments on Datasets and Quiz has been conducted. All students shown interest and completed the works on time.

3. Dr. Manjunath T N, Prof. Vinutha K, Prof. Bhavya

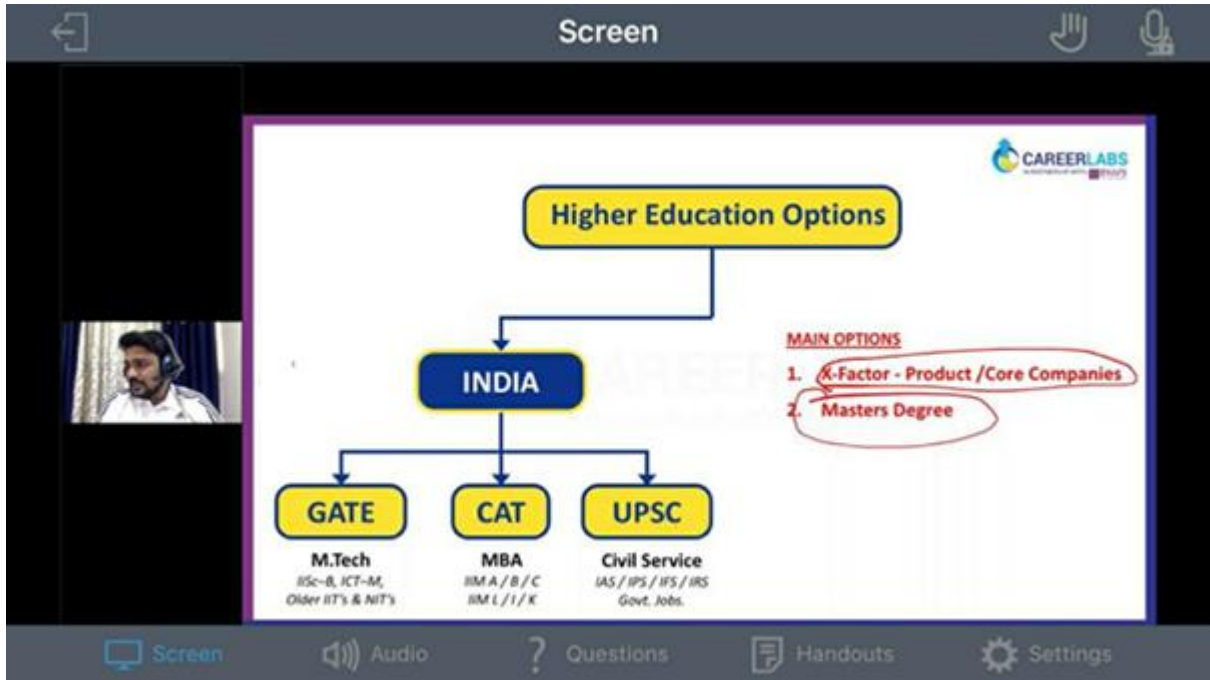


G, Prof. Ashwini N has organised an open course “Robotic Process Automation (RPA)-Automation Anywhere” around 23 students registered. Mrs. Divyatha Prabhu, student of 8th semester, Dept. of ISE, BMSIT&M was the Resource Persons. Everyday Assignments on Bot Creation and Quiz has been conducted. All students shown interest and completed the works on time.

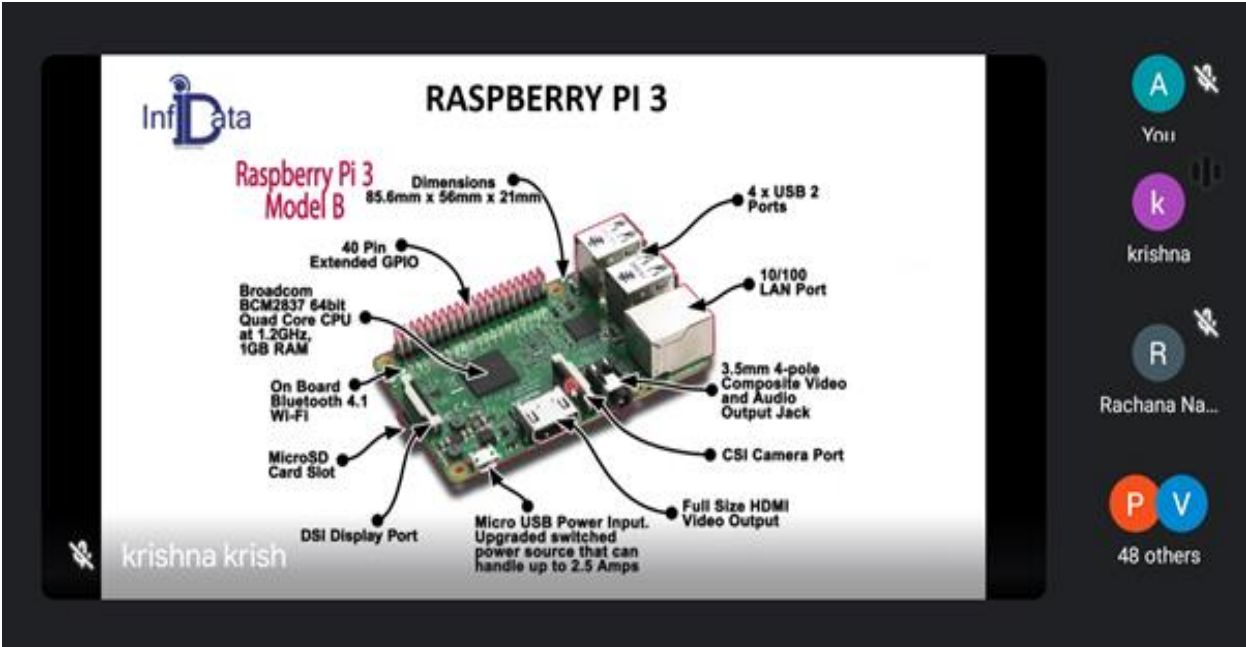
Expert Talk

1. Department of ISE has organized a webinar on “Profile building for placements” by Byjus Career labs for 4th sem students on 09-07-2020. The following students has attended the

Sl.No	USN	NAME
1	1BY18IS074	NIKHITA GOPAL HONNATTI
2	1BY18IS075	NIRISHA B
3	1BY18IS077	PARAS GOYAL
4	1BY18IS081	PAVITHRA D A
5	1BY18IS084	PRAJWAL R
6	1BY18IS087	PRANAV R DESHKULKARNI
7	1BY18IS089	PRASHANTH R
8	1BY18IS090	R K MANOHAR
9	1BY18IS092	RACHANA NATARAJ
10	1BY18IS093	RAGHAVENDRA K M
11	1BY18IS096	RAKSHITHA R
12	1BY18IS097	RAMYA S
13	1BY18IS098	RASHMI B S
14	1BY18IS102	ROSE YADAV
15	1BY18IS103	S REETHU SHREE
16	1BY18IS104	SANJANA GAJANANA SHETTY
17	1BY18IS110	SHIVANI SHARMA
18	1BY18IS112	SHOHEBAHMED NAJEERAHMED
19	1BY18IS116	SPOORTHI C MAHADIMANE
20	1BY18IS119	SUGANDHA SINHA



2. The Department of ISE organized an expert talk on the topic “ IOT Applications using Raspberry Pi “ for 5th semester students on 22.10.2020 .The resource Person for the session is Mr. Krishna V, Design Engineer, Infidata Technologies. Around 60 students participated in the talk. The session enlightened students about Raspberry Pi, its Applications, and various Operating Systems on which Raspberry Pi runs. The demonstration of how to use Thing Speak and Blynk with a case study to read temperature and humidity.

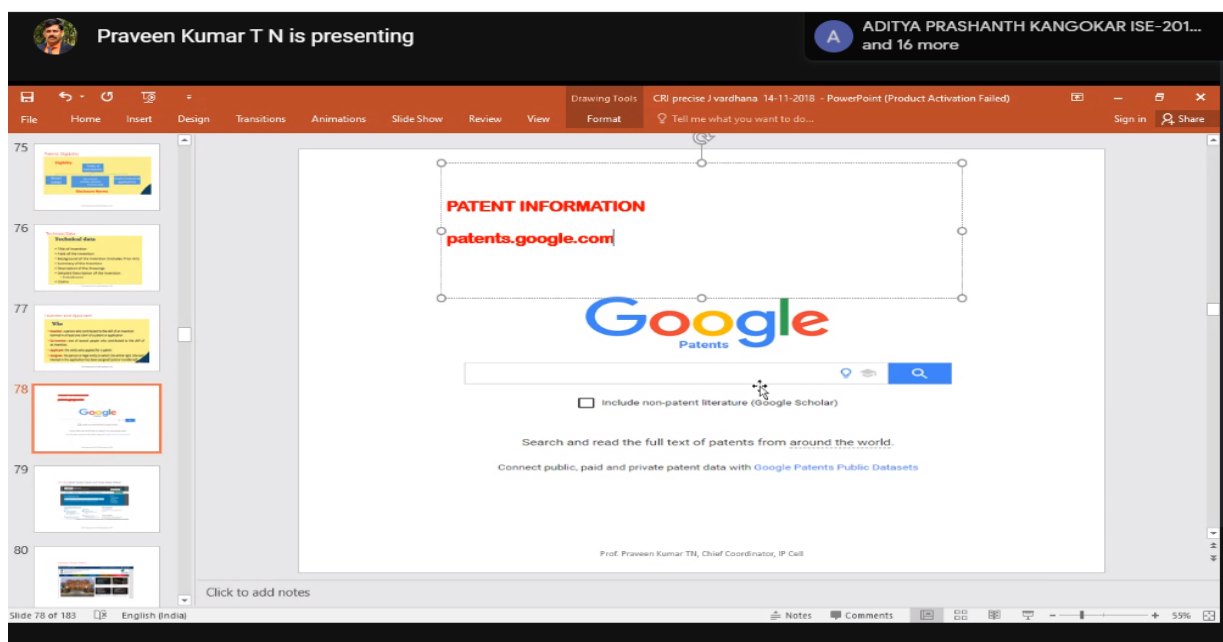


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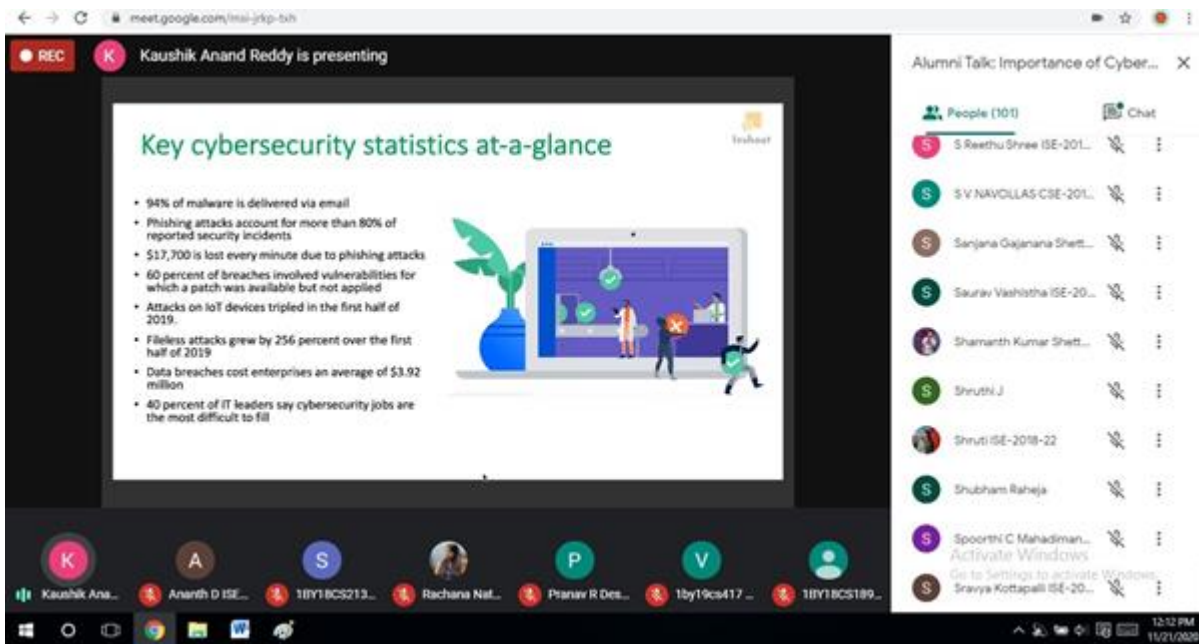
Department of ISE organized an expert talk on the topic “ Profile Building ” for 5th semester students on 21.10.2020 from 12.00 to 1.30 pm .The resource Person for the session is Mr. Abhishek Gupta and Mr.Hemanth from Byjus. Around 106 students participated in the talk. The session enlightened students about higher studies and how to build their profile.



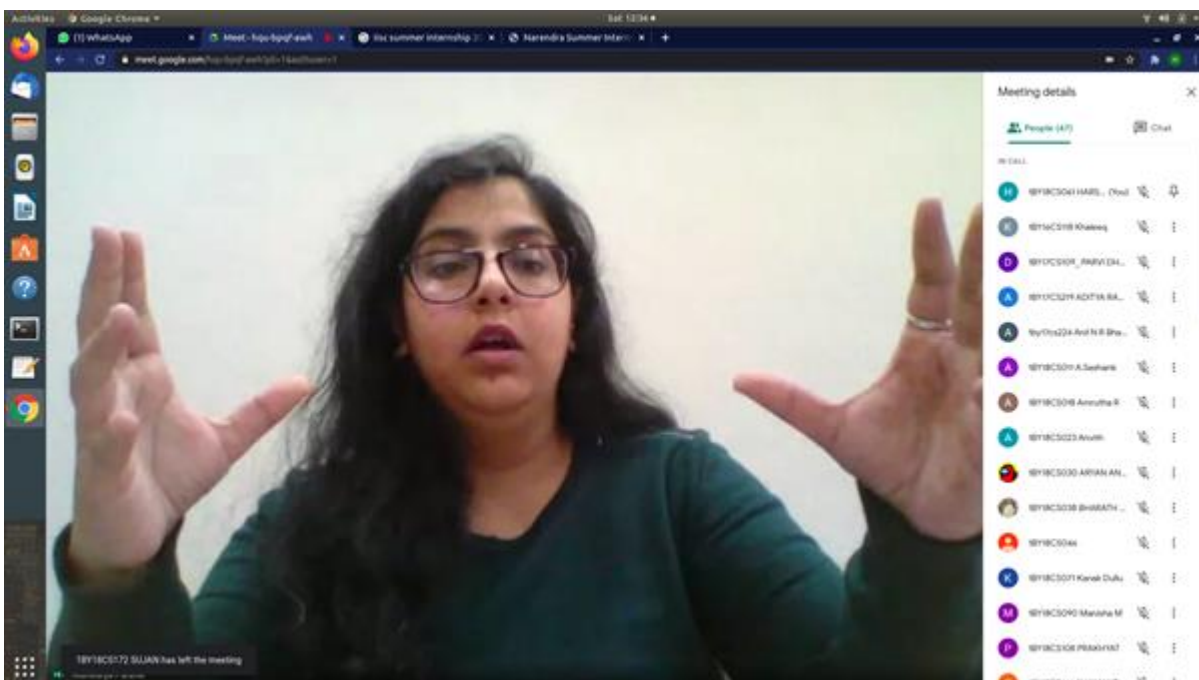
4. The Department of ISE organized an expert talk on the topic “ Patent Search “ for 7th semester students on 20.10.2020 from 11.00 to 12.30 pm .The resource Person for the session is Prof. Praveen Kumar T.N from Mechanical department , BMSIT&M. Around 30 students participated in the talk. The session enlightened students about importance of patent search and how to do patent search.



5. Prof. Gireesh Babu C N organized a technical talk on “Importance of Cyber Security” by Alumni Mr.Kaushik S A, CEO, InShoot for 5th Sem ISE students to correlate Network security concepts of their one of the subject Computer Networks and Security on 20.11.2020.



6. A webinar on “College vs Corporate: Expectation vs Reality”, was held on 28.11.2020, by the Alumni Association. The speaker for the webinar was Ms. Aishwarya Puranik, who is an alumna of this college and co-founder of CoachEd.



7. Dr.

Sheela kathavate and Dr. Rudresh Shirwaikar, Department of ISE organized an expert talk on the topic “Software Testing” by Mrs. Megha Borkar, Test Lead, ATOS Syntel, for 3rd semester students on 19.11.2020.

Invited talks Delivered by Faculty

Workshop / Seminar / Conferences Attended by faculty

1. Dr Pushpa S. K, Professor & Head , ISE department attended National Level one week FDP on “Recent Trends in Data Science” held from 01-07-2020 to 05-07-2020 at University of Mumbai, MSBTE, in association with IETE & CSI, Bangalore.
2. Dr Pushpa S. K, Professor & Head , ISE department attended TEQIP III sponsored online FDP on “Six Sigma” from 06-07-2020 to 10-07-2020 at Basaveshwara Engineering College at Bagalkot
3. Dr Pushpa S. K, Professor & Head, ISE department attended a webinar on “SAP” on 11-07-2020 at KLE Society’s Basavaprabhu Kore BCA college, Chikodi.
4. Dr Pushpa S. K, Professor & Head , ISE department attended a webinar on “Blockchain” on 17-07-2020 at BMSIT college bangalore in association with TPCRA, ISA & BlocksEdu.
5. Dr. Sheela Kathavate, Associate Professor, ISE department attended TEQIP III sponsored online FDP on “Six Sigma” from 06- 10-07-2020 at Basaveshwara Engineering College at Bagalkot.
6. Prof. S. Mahalakshmi , Assistant professor, Dept of ISE has attended TEQIP III, ISTE, IWWA, VJNL sponsored One week online Faculty Development Programme On “GREEN ENERGY” on 29-06-2020 to 04-07-2020 organised by BMSCE, Bangalore.
7. Prof. S. Mahalakshmi , Assistant professor, Dept of ISE has attended International FDP on “World of Cyber Physical Systems and Future Robotics of Industry: Cobotics”,on 11-07-2020 to 12-07-2020 organised by Department of Electronics and Telecommunication , R.C.Patel Institute of Technology, shirpur .
8. Prof. S. Mahalakshmi , Assistant professor, Dept of ISE has attended 5 days FDP on “ Research Trends and Challenges in Computer Science” from 13-07-2020 to 17-07-2020 organised by Dept. of CSE, Vidhyavardhaka college of Engineering, Mysuru.
9. Prof. S. Mahalakshmi , Assistant professor, Dept. of ISE has attended 5 days National level Faculty Development Program on “Current Trends in Soft Computing Technologies” organized by Department of Computer Science and Engineering, AGMRCET Varur Hubballi Karnataka from 19-07-2020 to 23-07-2020

10. Dr. Rudresh Shirwaiker, Assistant Professor, ISE department attended TEQIP III sponsored online FDP on “Six Sigma” organised by IQAC and department of Electronics and Instrumentation engineering, Basaveshwar Engineering College, Bagalkot, Karnataka from 06- 07-2020 to 10-07-2020.
11. Dr. Rudresh Shirwaiker, Assistant Professor, ISE department attended AICTE, ISTE sponsored online FDP on “Recent trends in Industry 4.0 Technologies' ' organised by department of Computer Engineering, Don Bosco College of Engineering, Goa. From 27- 07-2020 to 31-04-2020.
12. Prof Swetha M S, Assistant Professor, ISE department attended TEQIP III sponsored online FDP on “Six Sigma” organised by IQAC and department of Electronics and Instrumentation engineering, Basaveshwar Engineering College, Bagalkot, Karnataka from 6-07-2020 to 10-07-2020.
13. Prof. Swetha M S , Assistant professor, Dept of ISE has attended 5 days FDP on “ Research Trends and Challenges in Computer Science” from 13-07-2020 to 17-07-2020 organised by Dept of CSE, Vidhyavardhaka college of Engineering, Mysuru.
14. Prof. Bhavya G, Assistant Professor, ISE department attended TEQIP III sponsored online FDP on “Six Sigma” organised by IQAC and department of Electronics and Instrumentation engineering, Basaveshwar Engineering College, Bagalkot, Karnataka from 6-07-2020 to 10-07-2020.
15. Prof. Vinutha K, Assistant Professor, ISE department attended TEQIP III sponsored online FDP on “Six Sigma” organised by IQAC and department of Electronics and Instrumentation engineering, Basaveshwar Engineering College, Bagalkot, Karnataka from 6-07-2020 to 10-07-2020.
16. Prof . Gireesh Babu C N, Assistant Professor, ISE department completed the two week FDP on “R Language & R Studio” through IIT Bombay Spoken Tutorial organized by Dept. of ISE, Cambridge Institute of Technology, Bengaluru under PMMMMNMTT, MHRD, Govt. of India from 22-06-2020 to 5-07-2020.
17. Prof. Gireesh Babu C N, Assistant Professor, ISE department completed the two week FDP participated in Seven days online FDP on “Challenges in Cybercrime & Enforcement of Cyber security” organised by dept. of CSE in association with CSI, CoDEF and NCDRC from 6-07-2020 to 12-07-2020.
18. Prof. Shanthi D L, Assistant Professor, ISE department attended the Five Day FDP on “Arduino” organised by Department of Electrical Engineering, SKN Sinhgad College of Engineering, Pandharpur, Maharashtra in association with Spoken Tutorial IIT Bombay, Mumbai from 6-07-2020 to 10-07-2020.
19. Prof. Shanthi D L, Assistant Professor, ISE department attended 3-day online Faculty Development Program on “Effective Teaching Pedagogy” organized by Inderprastha Engineering College, Ghaziabad from 20-07-2020 to 22-07-2020.

20. Prof. Shanthi D L, Assistant Professor, ISE department attended a one week online Faculty Development Program on “ Higher Education 2020: Requirements and Expectations” organized by Internal Quality Assurance Cell (IQAC), TPCP’s College of Engineering, Osmanabad from 8-07-2020 to 12-07-2020.
21. Prof. Shanthi D L, Assistant Professor, ISE department attended a One Week’s International FDP on “AI and Data Science” organized by Department of MCA, JSPM’s Rajarshi Shahu College of Engineering, Pune, Maharashtra, India from 22-07-2020 to 26-07-2020
22. Prof. Shanthi D L, Assistant Professor, Department of ISE has successfully completed One Week Online Faculty Development Programme on “SCILAB-An Open Source Substitute for MATLAB” organized by Department of Information Technology, Sridevi Women's Engineering College, Hyderabad in association with Spoken Tutorial IIT-Bombay From 23-07-2020 to 28-07-2020.
23. Prof. Shanthi D L, Assistant Professor, Department of ISE has participated in One Week Faculty Development Programme(FDP) on “Emerging Trends in Computer Science and Information Technology” Organized by the Department of Computer Science and Engineering, Kommuri Pratap Reddy Institute of Technology,Ghatkesar,Hyderabad from 29-07-2020 to 4-07-2020.
24. Prof. Shanthi D L, Assistant Professor, Department of ISE has participated in the Two-Day National Level E-Workshop on “ Understanding OBS studio and Streamyard for E-content Creation and Live Streaming “, organized by Humanities and Science, Adayalampattu, Phase-II campus, from 10-07-2020 to 11-07-2020
25. Mrs. Swetha M S, Assistant Professor, Department of ISE attended One Week Online Faculty Development programme on “Emerging trends and Applications of Artificial Intelligence” from 10.08.2020 to 14.08.2020 organised by Department of Information Science & Engineering, Dr.Ambedkar Institute of Technology.
26. Mrs. Shanthi D L, Assistant Professor, Department of ISE, participated and successfully completed “One Week Online National Faculty Development Program on E-Contents and ICT Tools for Innovative and Effective Teaching & Learning Process” Organized by Roorkee College of Management & Computer Applications, Roorkee from 08.08.2020 to 14.08.2020.
27. Mrs. Shanthi D L, Assistant Professor, Department of ISE, participated in the Five Days Virtual Faculty Development Program on “ Network Simulation Tools- NS2 and NS3” Organized by School of Computing and Information Technology, REVA University from 10.08.2020 to 14.08.2020.
28. Mrs.Shanthi D L, Assistant Professor, Department of ISE, Participated in One Week International Faculty Development Programme on “Emerging Trends & Technologies in Data Science” Organized

by Department of Computer Science and Engineering, GMR Institute of Technology, Rajam, Andhra Pradesh during 24.08.2020 to 29.10.2020.

29. Prof. S.Mahalakshmi, Assistant Professor, Department of ISE, participated & completed successfully AICTE Training And Learning (ATAL) Academy 5 days Online FDP program on "Computer Science & Biology" organized by PDPM IIITDM Jabalpur during 29.08.2020 to 02.09.2020.
30. Prof. S.Mahalakshmi, Assistant Professor, Department of ISE, participated & completed successfully AICTE Training And Learning (ATAL) Academy 5 days Online FDP on "Leadership & Excellence" organised by Government Engineering College, Haveri, during 07.09.2020 to 11.09.2020.
31. Prof. Swetha M S , Assistant Professor, Department of ISE, participated & completed successfully AICTE Training And Learning (ATAL) Academy 5 days Online FDP on "Artificial Intelligence" organised by Acropolis Institute of Technology and Research, during 02.09.2020 to 06.09.2020.
32. Prof. Swetha M S , Assistant Professor, Department of ISE, participated & completed successfully AICTE Training And Learning (ATAL) Academy 5 days Online FDP on "Cyber Security" organised by Hyderabad Institute Of Technology And Management during 07.09.2020 to 11.09.2020.
33. Prof. Swetha M S , Assistant Professor, Department of ISE, participated & completed successfully AICTE sponsored Short Term Training Programme "Introduction To Big Data Analytics And Deep Learning" organized Department of Computer Science and Engineering, Prof Ram Meghe College of Engineering and Management, Amravati Maharashtra during 31.08.2020 to 05.09.2020.
34. Prof. Gireesh Babu C N , Assistant Professor, Department of ISE, participated & completed successfully AICTE sponsored Six days Short Term Training Programme "Python and Mobile Application Development" organized by the Department of Information Science and Engineering, HKBK College of Engineering, Bengaluru during 03.09.2020 to 08.09.2020.
35. Prof. Gireesh Babu C N , Assistant Professor, Department of ISE, participated & completed successfully AICTE Training And Learning (ATAL) Academy Online FDP on "Computer Vision and Pattern Recognition: Challenges and Opportunities" organized by Sri Jayachamarajendra College of Engineering, Mysuru during 21.09.2020 to 25.09.2020.
36. Prof. Shanthi D L, Assistant Professor Department of ISE has participated and completed successfully AICTE Training And Learning (ATAL) Academy Online FDP on "Internet of Things (IoT)" organized by National Institute of Technical Teachers Training and Research, MHRD during 07.09.2020 to 11.09.2020

37. Prof. Shanthi D L, Assistant Professor Department of ISE has participated and completed successfully AICTE Training And Learning (ATAL) Academy Online FDP on "Sensors Technology" organized by National Institute of Engineering, Mysuru during 21.09.2020 to 25.09.2020
38. Prof. Shanthi D L, Assistant Professor Department of ISE has participated in World's Largest 1 Week HANDS-ON FDP on "Artificial Intelligence using Python" organised by Department of Computer Science and Engineering, GMR Institute of Technology, Rajam in association with Brainovision Solutions India Pvt.Ltd., National Youth Council of India, Computer Society of India, and ISTE held from 14.09.2020 to 19.09.2020.
39. Prof. Shanthi D L, Assistant Professor Department of ISE has participated and successfully completed AICTE sponsored one week Short Term Training Programme on " EMERGING TRENDS IN WIRELESS SENSOR NETWORKS & APPLICATIONS", organized by Malla Reddy Engineering College for Women, Dhulapally, Secunderabad-500100. during 14.09.2020 to 19.09.2020
40. Prof. Shanthi D L, Assistant Professor Department of ISE has attended AICTE sponsored six days online STTP on "Design of Knowledge based Systems using Artificial Intelligence and Machine Learning models: In the context of Agricultural and Food products", Organized by Department of Computer Science & Engg., Manipal Institute of Technology, Manipal Academy of Higher Education, Manipal – 576 104, Karnataka. during 21.09.2020 to 26.09.2020
41. Prof. Shanthi D L, Assistant Professor Department of ISE has participated and successfully completed AICTE sponsored one week Short Term Training Programme on " Emerging Trends In Wireless Sensor Networks & Applications", organized by Malla Reddy Engineering College for Women, Dhulapally, Secunderabad-500100.during 14.09.2020 to 19.09.2020
42. Mrs.Arptha H M , Assistant Instructor, Department of ISE, participated & completed successfully AICTE Training And Learning (ATAL) Academy 5 days Online FDP on "Leadership & Excellence" organised by Uttakal University, during 07.09.2020 to 11.09.2020.
43. Mrs.Arptha H M , Assistant Instructor, Department of ISE, participated & completed successfully AICTE Training And Learning (ATAL) Academy 5 days Online FDP on "Control Systems and Sensors Technology" organised by J.C. Bose University of Science & Technology, YMCA Faridabad., during 16.09.2020 to 20.09.2020.
44. Mr. Chandrashekhara K T, Assistant Professor, Department of Information Science & Engineering participated in Five days online FDP Program on " Data Sciences" organised by IIIT, Allahabad during 09.10.2020 to 13.10.2020.

45. Prof Shanthi D L, Assistant Professor, Department of Information Science and Engineering participated in Five day online FDP Program on “Emerging Research Trends in Computer Science and Engineering (ERTCSE-2020)” Organized by Department of Computer Science and Engineering, GMR Institute of Technology, Rajam, Andhra Pradesh during 19.10.2020 to 23.10.2020.
46. Prof Shanthi D L, Assistant Professor, Department of Information Science and Engineering completed the AICTE sponsored one week STTP on Challenges and Opportunities in Smart City Implementation in IoT Era organized by Department of Electronics and Telecommunication Engineering, JSPM’s Rajarshi Shahu College of Engineering, Pune from 02.11.2020 to 07.11.2020.
47. Prof. Gireesh Babu C N, Assistant Professor, Department of Information Science and Engineering completed Five days online FDP on Cyber security analytics and Cyber Forensics organized by the Department of Computer Applications Saintgits college of engineering, Kottayam from 16.11.2020 to 20.11.2020.
48. Prof Shanthi D L, Assistant Professor, Department of Information Science and Engineering participated in AICTE Training And Learning (ATAL) Academy Online FDP on "Internet of Things (IoT)" at Inderprastha Engineering College, during 14.12.2020 to 18.12.2020.
49. Prof Shanthi D L, Assistant Professor, Department of Information Science and Engineering participated in AICTE Sponsored six days Short Term Training Programme (STTP) on “Research Challenges and Emerging Trends in Ontology and Data Science for Deep Learning”, jointly organized by AICTE & Department of Information Science and Engineering along with IQAC, MVJ College of Engineering, Bangalore during 07.12.2020 to 12.12.2020.
50. Arpitha H M, Assistant Instructor, Department of ISE participated & completed successfully AICTE Training And Learning (ATAL) Academy Online FDP on "Lab on Chip" from 14.12.2020 to 18.12.2020 at DEFENCE INSTITUTE OF ADVANCED TECHNOLOGY (DU).

Webinar Attended

1. Prof.S.Mahalakshmi , Assistant professor, Dept of ISE has attended an online webinar on “Adversity Quotient: shifting Adversities into opportunities” on 4-07-2020 organised by Nagarjuna college of Engineering and Technology, Bangalore.
2. Prof.S.Mahalakshmi , Assistant professor, Dept of ISE has attended TEQIP III sponsored webinar on “Effective Teachers Toolkit-Post Covid on 6-07-2020 organised by Dept of CSE, The National Institute of Engineering .

3. Dr. Sheela kathavate has participated in the IIC online sessions by the Institution's Innovation Council (IIC) of MHRD's innovation Cell, New Delhi from 28-04-2020 to 22-05-2020.
4. Prof.S.Mahalakshmi , Assistant professor, Dept of ISE has attended CSI sponsored webinar on “Know You New You” in association with Art of living on 11-07-2020 organised by ISE and CSE, SVIT Bangalore
5. Prof.S.Mahalakshmi , Assistant professor, Dept of ISE has attended IETE sponsored National level Webinar on “Ethical Hacking and practical uses of it” on 11-07-2020 to 12-07-2020 organised by Department of CSE, SVCE, Bangalore.
6. Prof. Gireesh Babu C N, Dept. of ISE is attended a webinar on “Effective Skills for effective 21st Century Engineers and Scientists” held on 22-07-2020 organized by dept. of CSE, VVCE, Mysuru in association with WiNG
7. Prof. Shanthi D L, Prof. Bhavya G, Dr. Rudresh D Shirwaikar, , Prof. S Mahalakshmi S, Dr. Veena N, Prof. Vinutha K, Prof, Swetha M S, Mr. Gireesh Babu C N, Prof. Chandrashekhara K T, Prof. Ambika R Assistant Professor, Dr. Sheela Kathavate Associate Professor,
8. Dr.Manjunath T N, Dr.Pushpa S K, Professors, Department of ISE has received certificate of achievement after successfully completing the assessment after participating in the webinar on the topic “Future of Higher Education in India - Turning Challenges into Opportunities” on 25.09.2020 organised by BMSIT&M.
9. Amudha T, Programmer, Arpitha H M and Raju T, Assistant Instructor, Department of ISE, has participated in the “35th Indian Engineering Congress” held in Virtual mode on 18-20.12.2020, organised by The Institution of Engineers(India)

Online Course completed

1. Prof.S.Mahalakshmi, Assistant Professor, Department of ISE has Completed Coursera course on “Leadership and Emotional Intelligence on 19-07-2020.
2. Prof.Swetha M S, Assistant Professor, Department of ISE has Completed Coursera course on “Introduction to HTML5” on 17-07-2020.
3. Prof. Bhavya G, Assistant Professor, Department of ISE has completed a Coursera course on “Leadership and Emotional Intelligence” on 8-07-2020.
4. Prof. Shanthi D L, Assistant Professor, Department of ISE has completed a Coursera course on “Leadership and Emotional Intelligence” on 7-07- 2020.
5. Mrs. Bhavya G, Assistant Professor, Department of ISE has completed COURSERA online course on the topic “Introduction to HTML5” on 31.08. 2020.

6. Dr. Pushpa S K , Professor & HoD, Department of ISE has completed COURSERA online course on the topic “Data Visualization and Communication with Tableau” on 22.08.2020.
7. Dr. Pushpa S K , Professor & HoD, Department of ISE has completed COURSERA online course on the topic “Leadership and Emotional Intelligence” on 19.08.2020.
8. Mrs. Shanthi D L, Assistant Professor, Department of ISE has completed COURSERA online course on the topic “Introduction to HTML5” on 29.08. 2020.
9. Prof Swetha M S, Assistant Professor, Dept. of ISE has completed course on “Agile Project Management” authorized by Udemy, offered through William Mcguffey Academy on 08.09.2020.
10. Prof Shanthi D L, Assistant Professor, Dept. of ISE, completed course on “ Vision control with Git”, an online non-credit course authorized by ATLASSIAN, offered through Coursera on 16.9.2020.
11. Prof Shanthi D L, Assistant Professor, Dept. of ISE, completed course on “ Fundamentals of Kubernetes Deployment“, an online non-credit course authorized by LearnQuest, offered through Coursera on 15.09.2020.
12. Prof Shanthi D L, Assistant Professor, Dept. of ISE, completed course on “RPA Lifecycle: Introduction, Discovery and Design”, an online non-credit course authorized by Automation Anywhere on 15.09.2020.
13. Prof Shanthi D L, Assistant Professor, Department of Information Science and Engineering, completed course on “Python Data Structures”, an online non-credit course authorized by University of MICHIGAN, offered through Coursera on 18.11.2020.
14. Prof Shanthi D L, Assistant Professor, Department of Information Science and Engineering, completed course on “Accreditation for UndergraduateEngineering Programmes”, an online non-credit course authorized by NPTEL SWAYAM on 21.11.2020.
15. Prof Swetha M S, Assistant Professor, Department of Information Science and Engineering, completed a course on “Accreditation for UndergraduateEngineering Programmes”, an online non-credit course authorized by NPTEL SWAYAM on 21.11.2020.

Faculty

Students

Sl No.	USN	Name	Course	Platform	Month & Year
1.	Adithya Prashanth,	1BY17IS003	JavaScript	Udemy	15.08.2020
2.	Ananya Hathwar,	1BY17IS009	Introduction to Relational DataBase	Courseera	10.08.2020
3.			Intermediate of Relational DataBase		20.08.2020
4.	Harsh Kumar	1BY18IS136	Introduction to programming in Swift5	Courseera	15.08.2020


Awards / Achievements/ Recognitions

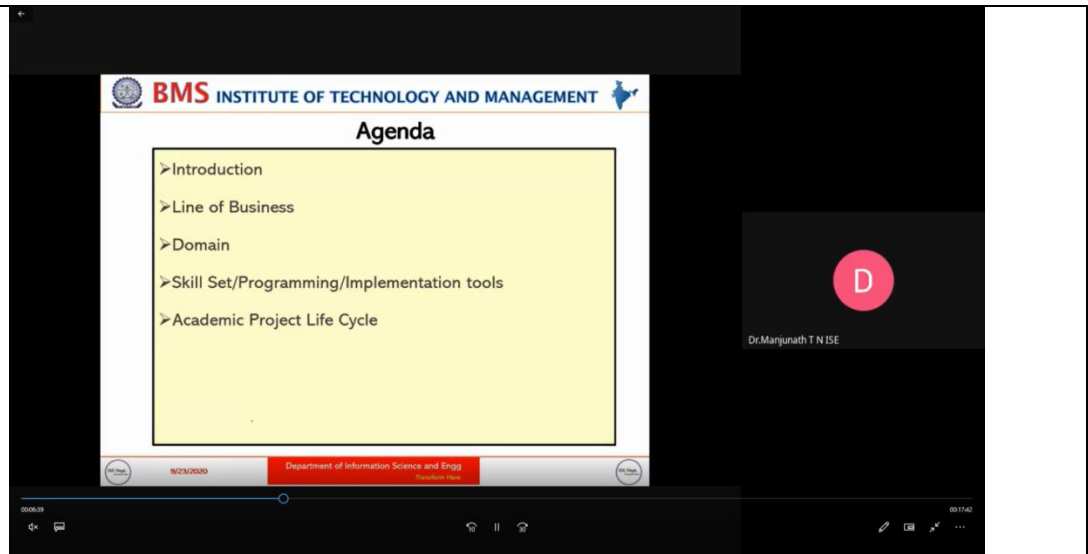
Sl No	Staff Name	Award/Achievement/ Recognitions details
01	Dr. Rudresh Shirwaikar	Resource person for one day workshop on Fundamentals of deep learning and computer vision organized by Dept. of CSE BMSIT&M, in association with NVIDIA, on 22 -07- 2020.
02		Resource person for 5 day FDP on Machine Learning by Dept. of MCA, BMSIT&M, from 27 -07-2020 to 31-07-2020.
03	Mrs. Swetha M S	Delivered a talk on “Cryptographic Techniques in Information Security” on 27.08. 2020 at EWCE, Bengaluru.
04		Resource person for webinar on “Cryptographic Techniques for Blockchain and Security”, on 07.09.2020 organized by Department of MCA Cambridge Institute of Technology Bangalore - 560036
05	Dr. Sheela Kathavate	Resource person for the webinar “ Importance of Software Engineering ” on 4 th November 2020 at Sir M Visvesvaraya Institute of Technology.
06	Dr.Manjunath T N	BOE member for CS/IS board, VTU for the academic year 2020-21
07		Delivered a talk on Trends in Data Analytics in One Week online Short term

		training program (STTP), AICTE Sponsored organized by SDM College of Engineering, Dharwad, Karnataka on 17 th December 2020
Reviewer for Journal / Conference:		
01	Mrs. Swetha M S	Reviewed around 5 technical papers of 2 nd International Conference on Advanced Information Systems and Engineering (ICAISE 2020) Cairo, Egypt 2020.
02		Reviewer for the International conference “Second Symposium on Machine Learning and Metaheuristics Algorithms, and Applications (SoMMA'20)”.
03	Mrs. Shanthi D L	Reviewer for IJECE (International Journal of Electrical and Computer Engineering) Institute of Advanced Engineering and Science (IAES).

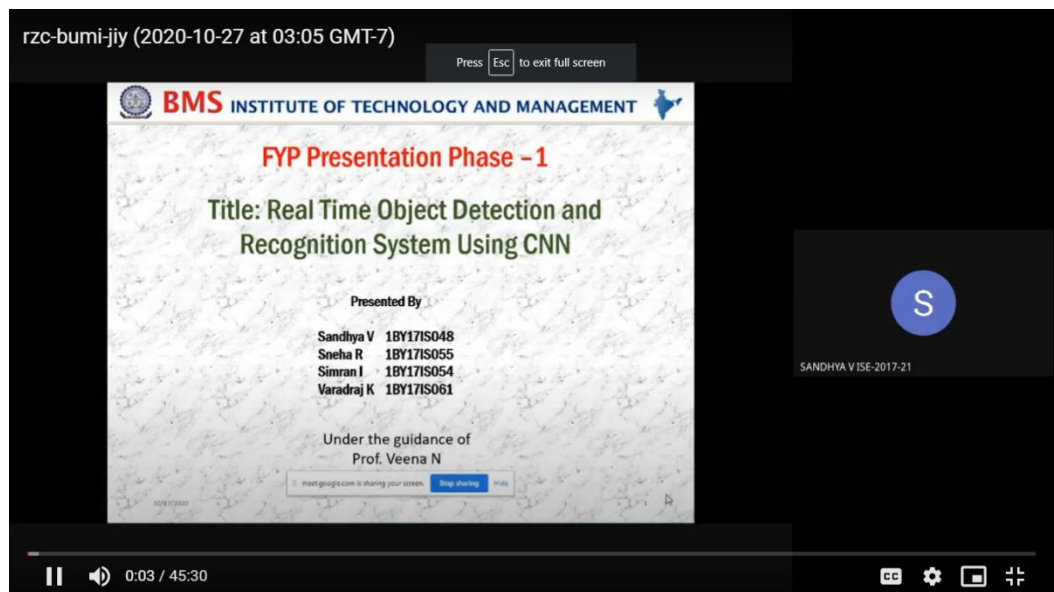
Memorable Moments/ OBE Methods

Sl No	Event	Event details
01	Coding club	Organized a Coding Quiz series under a coding club every Monday of July. The Quiz question includes various questions from different programming languages. Around 60 participants certificated in the event and certificate is provided to all participants who scored above 40% of marks.
02		A Codeathon Event is conducted by Coding crib, on 30 th August 2020 at 2.00-6.00PM in collaboration with Prebytes. Total 99 participants were actively involved in the event from various colleges. Top 10 participants were given some credits and certificates from Prebytes. All the participants gave good feedback.
03		A webinar session “Introduction to Data Science” is conducted under the Coding Club from Department of ISE on 18 th September 2020 from 6.00pm to 7.00pm. The event was conducted through Google Meet. Around 26 Students from ISE department of various semesters is participated in the webinar. Speaker for the session is Mr. Abhinav Das, Business Intelligence Developer, Datafortune.

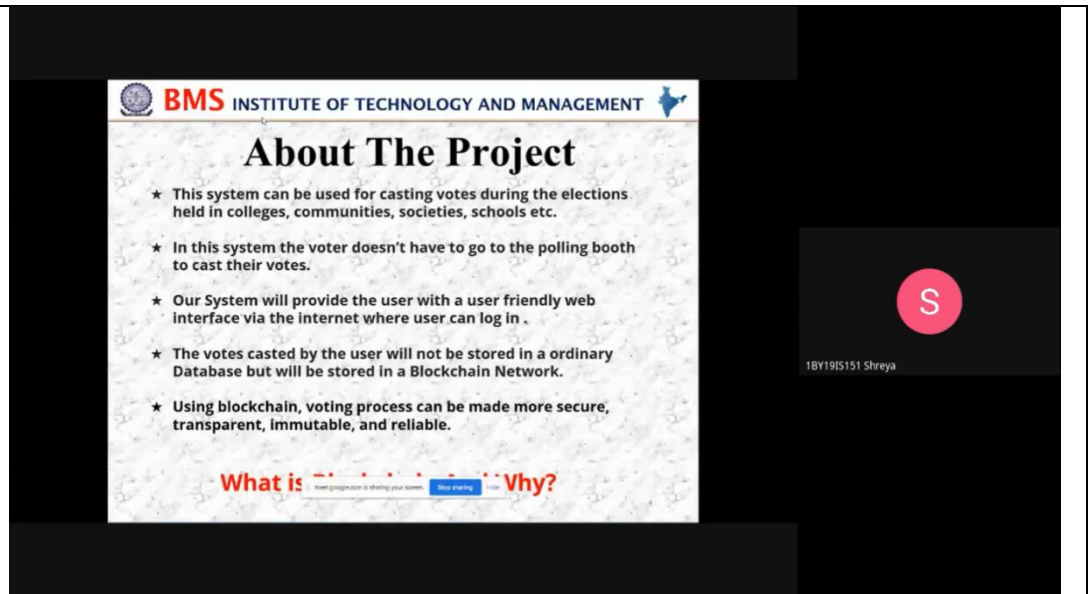
		
02	DAB meeting	<p>Department of ISE has been conducting Department Advisory Board meetings to get the inputs from subject experts, industry experts and stakeholders every semester. In continuation with this, online meeting was held on 26.9.2020 at 10.00 am. DAB members Dr. Deepak D Souza, Professor Dept. of Computer Science and Automation, IISc, Bengaluru. Dr. Sandhya R. Anvekar, Program Head: Skilling Karnataka Innovation & Technology Society (KITS). Mr. Rishabh Tripathi, Vice President, S/4HANA Test Engineering, SAP Labs India Pvt. Ltd., Mr. Yatheendranath T. J, Parent IEEE Strategic Partner. Mr. Satyanarayana Raju. M Special Invite Chief Mentor NCET. Ambassador, Toastmasters Intl - USA. Mrs. Vydehi, Alumni 2014-15 Passed. Ms. Nida Mariam S A, 7th Semester Student. The following points were discussed Program at a glance Infrastructure, Student / Faculty Development Process., Industry Institute Interaction, online classes, PBL, Open course, etc.,</p>
03	Project Orientation	<p>Department of ISE conducted project orientation for final year students on 23.09.2020, here it is specified how the students should select the domain and topic. The need of learning new skills for successful completion of useful projects for society and environment related.</p>



The Department of ISE conducted the Project presentation Phase-1 review-0 for 7th semester students on 27.10.2020 and 28.10.2020 from 11.00am to 4.30 pm .



The Department of ISE conducted the PBL presentation Phase-1 for 3rd and 5th semester students on 22.10.2020 and 23-10-2020 from 9.30am to 4.30 pm



04 **Technical Fest**

Department has conducted a TECH TRANSFORM 2020 on from 18.12.2020 To 19.12.2020. First day Event Conducted “**QUARANHUNT**”, briefing about the event procedure and rules by Malavika.S.Anand and Amrutha Murali. Next day first part of the event was a **Briefing session** where students were briefed on rules and regulations. Then Meghna Arora, the Event Lead explained the important key points and structure of the event and also gave an insight on how a participant would get through each round.

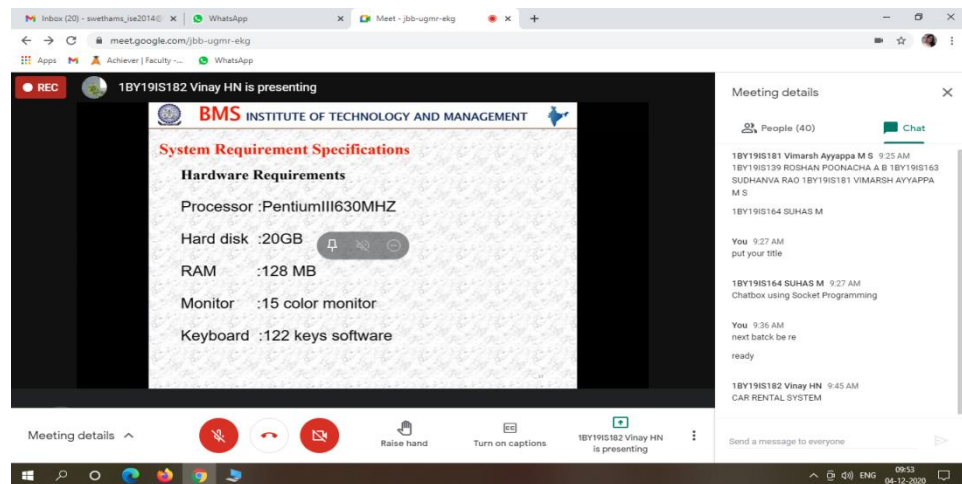


Briefing the participants about the Event Details by Ananth D and Meghna S Arora in the Google Meet Session

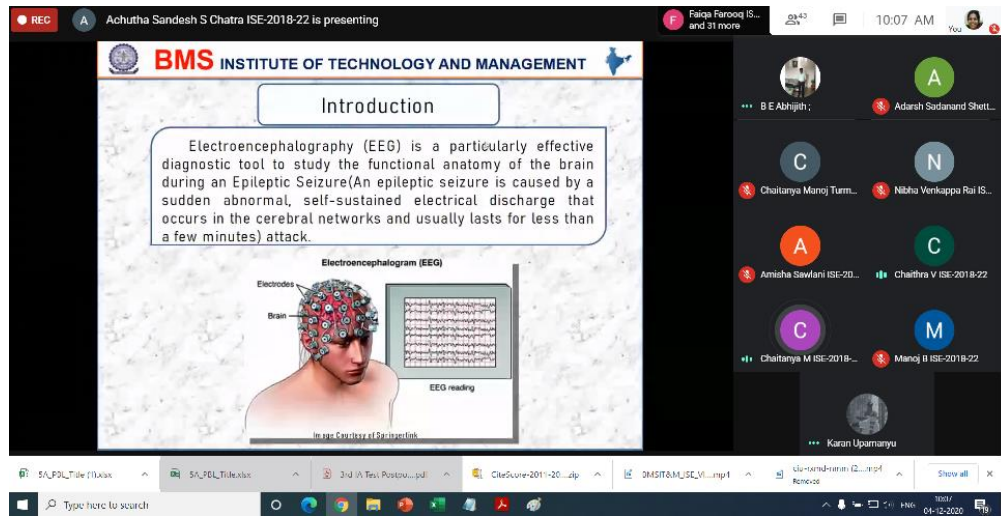
05

Project Based Learning:

The Open Day (Project Exhibition) was conducted at the Department of ISE from 4th -7th December 2020. About 336 students from III and V Semester participated on Open Day and came out with innovative projects which were based on Machine learning & Artificial Intelligence, Android, Web based applications, networking and IoT based projects. Total 84 projects were evaluated by an Internal Committee at the Department on 4th December 2020. Out of 84 projects, 15 projects from 3rd semester and 15 projects from 5th semester total 30 projects were selected for external evaluation. External evaluation was held on 7th by industry experts Mr. SharathKumar, Assistant Manager, Genpact, and Mr. Praveen A L, Founder & Developer (proprietor), Digipix Technologies.



3rd sem PBL presentation



5th sem PBL presentation

06

Coding Club Activity

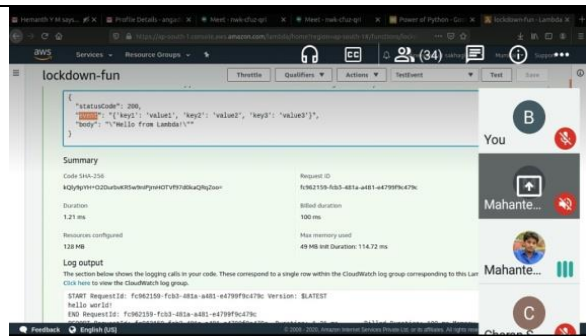
1. Prof Bhavya G, conducted Codethon a coding event conducted under Coding Club on 6th March 2020 from 2.00pm to 4.00pm.

2. A webinar session “opportunity to become a good coder” is conducted under Coding Club on 3rd April 2020 from 1.30pm to 2.30pm. The event was conducted through Zoom meeting. Around 27 students from various Departments of BMSIT&M are participated in the webinar. Speaker for the session is Mr. Michel Bevan, 2019-Alumni of Department of ISE, BMIST&M currently working as software engineer, product analysis and customer support, Temenos India Pvt Ltd.

3. A webinar session “How to prepare for competitive coding and placements” is conducted under Coding Club on 17th April 2020 from 2.00pm to 3.45pm. The event was conducted by PrepBytes through Zoom meeting. Around 130 plus students from various Departments of BMSIT&M are participated in the webinar. Speaker for the session is Mamta Kumari, Co-founder of PrepBytes. The session is on competitive coding which helps students to clear doubts related to competitive coding and its importance. The webinar enlightened on Problem solving skills or coding skills, importance of subjects like operating

Q No.	Question	Difficulty	Correct Submissions	Total Submissions
1.	First Capital Using Recursion	Easy	0	17
2.	Print the Pattern	Easy	267	548
3.	Check Palindrome	Easy	2	3
4.	Substring Start End Game	Easy	1	1
5.	Character Counting	Medium	0	0
6.	Wife and Even	Medium	0	0
7.	Pragee And Gudi Meebani	Medium	0	1
8.	Shubhanshu's Loves Binary Number	Medium	0	0
9.	N Digit Sum	Hard	1	1
10.	N Digit Sum Even Odd	Hard	0	0
11.	Power Set Of Strings	Hard	248	433

system, DBMS, computer Networks, C/C++/Java , aptitude and project during placements. Few examples on fundamental questions of coding are also demonstrated in the webinar.



4. A webinar session “The Power of Python” is conducted under the Coding Club on 24th April 2020 from 2.30pm to 3.45pm. The event was conducted through Google Meet. Total 36 Students from CSE and ISE department of various semesters participated in the webinar. Speaker for the session is Mr. Mahanthes C Angadi, Data Scientist, Sakha Technologies Pvt Ltd, has delivered various lectures on Python in workshops, FDP etc.,

Faculty Internship

Sl. No	Name	Designation	Company/Dept	Title	Training duration	Date
01	Dr. Sheela Kathavate	Assoc. Professors	IETE - Mumbai in association with Pantech e-learning	Deep Learning and Artificial Intelligence	10 days	13 th July 2020 – 17 th July 2020. 26 th July 2020 – 30 th July 2020
02	Dr. Rudresh Shirwaikar	Asst. Professors		Deep Learning and Artificial Intelligence and Android Application Development		
03	Mrs. Bhavya G	Asst. Professors		Deep Learning and Artificial Intelligence and Core Java and Advance Java Programming		
04	Mr. Gireesh Babu C N	Asst. Professors		Deep Learning & AI and Open CV & Image Processing		

Publications

Scopus Indexed

SI No	Name	Scopus Indexed
01	Dr. Rudresh D Shirwaikar	"Estimation of Aminophylline effectiveness at Neonatal Intensive Care Unit (NICU) using Artificial Intelligence" <i>Malaysian Journal of Medicine and Health Sciences</i> (eISSN 2636-9346) Mal J Med Health Sci 16(SUPP8): 47-54, Aug 2020. (Scopus)
02		Dr. Rudresh D. Shirwaikar, Dinesh Acharya, Tanvi Parate, and Leslie Edward S Lewis,. "Risk Stratification of Neonates using Machine Learning Techniques". 2020, IEEE International Conference on Distributed VLSI, Electrical Circuits, & robotics (Discover 2020), Oct 30-31,2020 (Scopus indexed / Web of Science).
03		Dr.Rudresh Shirwaikar, Dinesh Acharya U, Tanvi Parapte and Leslie Edward Simon Lewis. "Risk Stratification of Neonates using machine Learning Techniques" 2020 IEEE International Conference on Distributed Computing, VLSI, Electrical Circuits and Robotics (DISCOVER). DOI: 10.1109/DISCOVER50404.2020.9278097 , 17 th December 2020. (Scopus Indexed).
04	Prof Swetha M S	Prof Swetha M S, "ExypnoSteganos - A Smarter Approach to Stenography" in Sixth International Symposium on Intelligent Systems Technologies and Applications (ISTA'20), Oct 15-16, 2020 (Scopus indexed / Web of Science).
05		Prof Swetha M S, Dr. Pushpa S K, Dr. Manjunath TN, presented a Paper "Blockchain enabled secure healthcare Systems" in "IEEE International Conference on Machine Learning & Applied Network Technologies" (IEEE-ICMLANT2020) December 20-21th 12.2020, Hyderabad.(Scopus Indexed).

Journal Publications

SL No	Staff Name	Title	Journal	National/ International	Vol No	Issue	Page
1	S. Mahalakshmi, Veena N	Visual Assistance for Blind using Image Processing	IRJET	International July 2020	07	07	4213 - 4216
2	Dr. Veena N, Mrs.S.Mahalakshmi	Virtual Reality & its Applications	IJITEE	International July 2020	07	07	4210 - 4212
3	Mrs.Vinutha K, Mrs. Bhavya G	A Study on Detection on Fake News	IJSART	International July 2020	06	07	558 - 560
4	Mrs.Vinutha K, Mrs. Bhavya G	Analysis of various treatments for pain in upper limb of patient's post-stroke	IJSART	International July 2020	06	07	605 - 607
5	Mrs.Vinutha K, Mrs. Bhavya G	A Survey on Forensic Video Analysis	IJSART	International July 2020	06	07	531 - 535
6	Mr. Gireesh Babu C N	Smart email reply system based on sentiment	IJSART	International July 2020	06	07	2395 - 1052
7	Mrs. Swetha M S	A Novel Approach for Weather Monitoring System Using IoT	IJIRST	International August 2020	07	03	2349-6010

Conference Publications

SL No	Staff Name	Title	Conference	National/ International
01	Mrs. Shanthi D L	Analyzing Peoples' Behaviour Through Media Data	Virtual conference on Artificial intelligence, Network Security, Data Science and IoT, (VCANDO-2020)	Computer Science and Engineering on 6.8.2020 to 7.8.2020.
02	Dr.Manjunath T N	STAVI : Smart Travelling Application for the Visually Impaired	Scopus Indexed	4 th International Conference on Communication and Electronics Systems (ICCES), 17-19 July 2019,

				DOI: 10.1109/ICCES45898.2019.9002238 and Included in scopus database on 20th March 2020
03	Mrs. Swetha M S	Spam Email and Malware Elimination employing various Classification Techniques		IEEE Xplore and Scopus database on 02 March 2020, pp 140- 145 with Electronic ISBN: 978-1-7281-0630-4 and Print on Demand(PoD) ISBN: 978-1-7281-0631-1, DOI: 10.1109/RTEICT46194.2019.9016964
04	Mrs. Swetha M S	Comparison on Hyper ledger Fabric and Hyper ledger Composer of Block Chain Technology	Scopus Indexed	Indexed in IEEE Xplore and Scopus database on 16 April 2020, with Electronic ISBN: 978-1-5386-8113-8 and Print on Demand (PoD) ISBN: 978-1-5386-8114-5, DOI: 10.1109/ICCS45141.2019.9065776
05	Mrs. Swetha M S	published book chapter title Intrusion Prediction and Detection with Deep Sequence Modeling	CCIS, volume 1208 book series Springer	7 th International Conference Symposium of Security in Computing and Communications, (SSCC 2019), Trivandrum, India, PP 11-25 , DOI-10.1007/978-981-15-4825-3_2.
06	Dr.Usha B A	Comprehensive Review of Smart Cities using IOT	Infocom Technologies and Optimization (Trends and Future Directions) (ICRITO)	8 th International conference on Reliability, Infocom Technologies and Optimization (Trends and Future Directions) (ICRITO) organized by Amity Institute of Information Technology, Amity University, Uttar Pradesh, India during 04.06.2020 to 05.06.2020

Student Achievements

1. Gururaj B N, Aaqib R, Chetan N & Druva got First place “Innovathon 2020 – Build a Better Tommarow” organised by Department of CSE of SVCE, Bangalore from 1-07-2020 to 02-07-2020
2. The grand finale of the beauty pageant of Vika Navatare ೨೦೨೦ College Students' Youth Novella, was held on Monday in Bangalore. BANGALORE Aksitha S WITH NEWARATH Crown. Samurdhi Shetty of Bangalore won the first and Mangalore Soundarya runner-up award.



Sports Activities Student Internship

Sl. No	Student Name	USN	Sem	Organization Name	Starting Date	Ending Date
1	PRAJWAL R	1BY18IS084	4 th	Zephyr Technologies	13.01.2020	13.02.2020
2	PRASHANTH R	1BY18IS089	4 th	Techciti tech	1.01.2020	1.02.2020

Placement Activities

Students with Two Offers

Sl No	USN	Name	Offer 1 Package	Offer 2 Package
1	1BY17IS016	CHETHAN N	CAPGEMINI 3.8 LPA	SAP LABS 14.10 LPA

Students with One Offer

Sl No	USN	Name	Offer 1 Package
1	1BY17IS009	ANANYA HATHWAR K S	SAP LABS 14.10LPA
2	1BY17IS003	ADITYA PRASHANTH KANGOKAR	CAPGEMINI 3.8LPA
3	1BY17IS006	AKASH SUNIL KUMAR	
4	1BY17IS002	ABU MOHAMMED FAISAL	
5	1BY17IS025	JOSWIN MELRICK LOBO	
6	1BY17IS034	NIDA MARIAM S A	
7	1BY17IS037	YESHWANTH PACHA	
8	1BY17IS038	PRASHANTH K S	
9	1BY17IS043	RITWIJ RAJ	
10	1BY17IS047	SAMRUDDI V SHETTY	
11	1BY17IS049	SANKETH S JAIN	
12	1BY17IS050	SHARMILA GANGULY	
13	1BY17IS051	SHIVAM	
14	1BY17IS053	SHREYA R T	
15	1BY17IS062	VENKATESH MURTHY	
16	1BY17IS063	VISHAL ANAND	
17	1BY17IS073	PRACHI YADAV	
18	1BY17IS052	SHREESH SATYABODHA KATTI	
19	1BY17IS029	LAKSHMAN REDDY V	
20	1BY17IS022	HIMA J	
21	1BY17IS007	AKSHARA Y TARIKERE	EPSILON 5.0LPA
22	1BY17IS010	ANMOL ALIAS BHIMANAGOUDA PATIL	PWC AC 7.0LPA
23	1BY17IS011	ANMOL GULATI	
24	1BY17IS015	AYUSH GUPTA	

FACULTY

Sl. No	Faculty Name	Qualification	Designation
1	Dr.Manjunath T N.	M. Tech, Ph.D	Professor & Dean (E)
2	Dr. S.K. Pushpa	M. E. Ph. D	Professor
3	Dr. Usha B A	M. Tech, Ph. D	Associate Professor & HoD
4	Dr. Sheela K	M. Tech, Ph.D	Associate Professor
5	Mrs.Ashwini N.	M. Tech, (Ph. D)	Assistant Professor
6	Mrs. S.Mahalakshmi	M. E , (Ph. D)	Assistant Professor
7	Mrs. Shanthi D.L.	M. Tech, (Ph. D)	Assistant Professor
8	Mr.Chandrashekhara K.T.	M. Tech, (Ph. D)	Assistant Professor
9	Mr.GireeshBabu C N	M. Tech, (Ph. D)	Assistant Professor
10	Ms.Bhavya G.	M. Tech, (Ph. D)	Assistant Professor
11	Ms.AmbikaRani Subhash	B.E., M. Sc,	Assistant Professor
12	Mrs.Vinutha K.	M. Tech, (Ph. D)	Assistant Professor
13	Mrs.Swetha M.S.	M. Tech, (Ph. D)	Assistant Professor
14	Mrs.Veena N.	M. Tech, Ph. D	Assistant Professor
15	Dr. Rudresh D Shirwalkr	M. Tech, Ph. D	Assistant Professor

TECHNICAL STAFF

Sl.No	Name	Qualification	Designation
1	Mr. P Ashok Kumar	DCSE	Assistant Instructor
2	Mr.Raju T	DCSE, (BE)	Assistant Instructor
3	Mrs. Arpitha H M	DECE,BE	Assistant Instructor
4	Mrs. Amudha T	B.E,M.Sc (IT) (Ph.D)	Programmer

THE EDIFICE



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