THE EDIFICE

THE EDIFICE NEWSLETTER

Staff Editors:
Dr. Usha B.A.
Mrs. Arpitha H.M

Student Editors:
Ken K Thejesh (5th Sem)
Akhilesh B Kalnoor (3rd Sem)

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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.

Head of Dept. Speaks

The department of Information Science and Engineering started in the Year 2010 with an approved intake of 60 and enhanced to 120 from the academic year 2018-19., affiliated to VTU, recognized by AICTE. ISE Program is accredited by NBA. The department has been imparting quality education to the students with the intension of making them intellectually, ethically and academically strong to meet the challenges in the field of Information Technology. The department has 13 qualified and professionally dedicated faculty members. The department has three Doctorates and 09 are pursuing doctoral degree. The faculty members are actively involved in Teaching, Research and Outreach activities and published nearly 190 research articles in various National, International Conferences and Journals.

Funded / Consultancy Projects:- Proposals Sent

Sl.No	Title	Funding Agency	Amount (Lakhs)	Investigators
01	Block Chain	AICTE	3,00,000	Dr. Usha B A Mrs. Sewtha M S
02	Skill Enrichment Programme for students	AICTE	1,50,000	Dr. Usha B A Mrs. Shanthi D L Mrs. Veena N
03	Workshop on IoT and its applications	AICTE	3,00,000	Dr. Pushpa S. K
04	Sponsored short term training program on Internet of things using Andruino, RaspberryPi and MQTI	AICTE	3,00,000	Mrs. Mahalakshmi S
05	Technical Skills and Effective Communications Skills for Technical Staff	AICTE	3,00,000	Dr Usha B A Mrs. Amudha T Mrs. Arpitha H M Mr.Ashok Kumar P Mr. Raju T

Workshop Organized

$ Topic   : Machine Learning

                       for IoT Applications

      Speaker   : Mr.Buddhabeddas

      Coordinator   : Dr. Pusha S K

      Date   :28.01.2019

$ Topic   : 4 Open Courses:-

       Web Application Development

       Microprocessors & Microrcontrollers

       Data Science

       Block Chain

    Speaker   :   Mr Manju P

         Dr.Badarinath

         Mr.Chethan.J

         Akshat Gupta

   Coordinator   : Prof.S.Mahalakshmi,

         Prof.Vinutha.K

         Prof.Swetha.M.S

   Date   : 12 – 16.02.2019

$ Topic   : Java Basics

Speaker : Mr. Adithya S Vasisth,

       Mr. Agyneya   P Koushik and

       Mr. Thrivikram Mudunuri.

Coordinator   : Dr..S.K.Pushpa

Date   :18.02.2019

Invited talks Delivered by Faculty

Topic Applications	:	Machine Learning for IOT
Speaker	:	Prof. Gireesh Babu C N
Venue	:	Dept of ISE BMSIT&M , Bangalore
Date	:	28-01.02.2019

Topic	:	Embedded systems, its applications
Speaker	:	Prof. Prof. Veena N
Venue	:	Dept of ISE, BMSIT&M, Bangalore
Date	:	28.02.2019
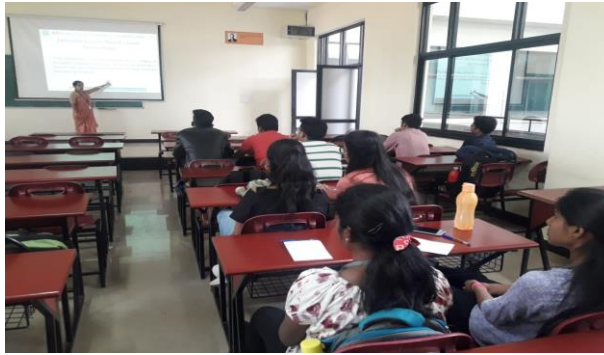
Topic	: Naive Bayes algorithm	Topic	: Security and Privacy Issues in IoT
Speaker	: Prof.Chandrashekhara K T	Speaker	: Dr. Usha B A
Venue	: Dept of ISE BMSIT&M , Bangalore	Venue	: Dept of ISE BMSIT&M , Bangalore
Date	: 28-01.02.2019	Date	:30.01.2019

Topic	: KNN algorithm	Topic	: Overview and Applications of Blockchain
Speaker	: Prof. Gireesh Babu C N	Speaker	: Dr. Usha B A
Venue	: Dept of ISE BMSIT&M , Bangalore	Venue	: Dept of ISE BMSIT&M , Bangalore
Date	: 12-16.02.2019	Date	: 12-16.02.2019

Topic	: Artificial Neural Networks	Topic	: Architecture of 8086 Microprocessors
Speaker	: Prof.S.Mahalakshmi	Speaker	: Prof.S.Mahalakshmi
Venue	: Dept of ISE BMSIT&M ,	Venue	: Dept of ISE BMSIT&M , Bangalore
Date	: 12-16.02.2019	Date	: 12-16.02.2019
Topic	: Introduction to Web Technology	Topic	: Machine Learning for IoT Applications
Speaker	: Prof.S.Mahalakshmi	Speaker	: Dr. Pushpa S. K
Venue	: Dept of ISE BMSIT&M ,	Venue	: Dept of ISE BMSIT&M , Bangalore
Date	: 12-16.02.2019	Date	: 12-16.02.2019

Topic	: Cryptographic basic and security Algorithms for Blockchain technology
Speaker	: Prof Swetha M S
Venue	: Dept of ISE BMSIT&M ,
Date	: 12-16.02.2019

Expert Lectures organized by Faculty

Topic : Design and Analysis of Algorithms

Speaker : Mr. Deepak Ranganathan, IT Engineer, CISCO, and CESSANA Business Park

Coordinator : Dr.Pushpa S K

Date : 03.04 &11.05.2019

Topic   : Cryptography and Network Security

                 and cyber law

Speaker   : Mr. Srivatsa M S, IT

                Engineer, CISCO System.

Coordinator : Prof. Shwetha M S

Date   :15.05.2019

Workshop / Seminar / Conferences Attended by faculty

$ Topic   : DevOps

     Faculties   : Dr. Usha B A & Prof.Swetha M S

     Venue   : RIT, Bengaluru

     Date   : 21-25.01.2019

$ Topic   : Academic Leadershipp Program

     Faculties   : Dr. Usha B A

     Venue   : Wipro technovation center, Bangalore

     Date   : 22-24.04.2019

$ Topic   : Big Data Computing

     Faculty   : Prof. Gireesh Babu C N,

     Venue   : NPTEL-AICTE in association

              with SWAYAM

     Date   : Feb-April.2019

$ Topic   : Cloud Computing

     Faculties   : Prof. S.Mahalakshmi.

     Venue   : NPTEL - AICTE in

              association with SWAYAM

     Date   : Feb-April.2019

$ Topic   : Cryptography and Network

              Security

     Faculties   : Prof. Swetha M S

     Venue   : NPTEL-AICTE in association

              with SWAYAM

     Date   : Feb-April.2019

$ Topic   : Cloud Computing

     Faculties   : Prof. Swetha M S

     Venue   : NPTEL-AICTE in association with

              SWAYAM

     Date   :   Feb-April.2019

Awards / Achievements/ Recognitions

SL No	Staff Name	Award/Achievement/ Recognitions details
1	Prof. Gireesh Babu C N	ATS Learning Solutions conducted Microsoft Certification Exam on Cross Platform Mobile App Development(CPMA) on 27th February and 2nd March 2019. Around 77 students participated in the exam and 63 students cleared the exam.
2	Dr. Pushpa S. K	Invited as Session Chair for International Conference in "Innovation in Engineering, Science, Technology and Management", ICIESTM-19 on 4th May 2019 at HKBK College of Engineering.
3	Dr. Pushpa S. K	Invited as Session Chair for Second International Conference on Emerging Trends in Science and Technologies for Engineering Systems, ICETSE-2019 at SJC Institute of Technology on 17th May 2019.
4	Dr. Pushpa S. K	Invited as judge for Project Exhibition on 8th May 2019 at Sai Vidya Institute of Technology.
5	Dr.Manjunath T N	Panel Member for Project Symposium held at RVCE, ISE Dept on 25th May 2019.
6	Prof Swetha M S	Got the Appreciation award Certificate for 100% result in Cloud Computing subject for the exam conducted in Jan 2018-19 ODD semester during farewell-2019
7	Prof Swetha M S	Got the Appreciation award Certificate for 100% result for Information Network security subject for the exam conducted in Jan 2018-19 ODD semesters during farewell-2019
8	Dept. of ISE All Staff	Department of ISE was awarded with a cash prize of Rs.7500/- for having maximum number of students enrolled for the open course held from 12/2/2019 to 16/2/2019.

Memorable Moments/ OBE Methods

Open day /PBL exhibition

Sl No	Event	Event details
01	Open Day	Department of ISE has organized Open Day to exhibit students Project Based Learning (PBL) on 13th MAY 2019. Experts from academia and industry were invited as project evaluators. Mr. Kishor Jagirdar, Chairman & Managing Director, Infopace Management(P) Ltd., Bangalore., Dr. Jayarekha P, Assoc. Professor, Dept., of ISE, BMSCE, Bangalore and Mr. Srivatsa M S, Software Engineer, Security Business Group, CISCO, Bangalore, India. This was an open platform for all the students of 4th, 6th and 8th semester to exhibit their technical skills, use of modern tools, communication, teamwork and lifelong learning.
02	PTM	The parent teacher meeting for 1st Year students of ISE department was scheduled on 27th April 2019 in Linus Torvalds Laboratory at 10.30 am to 1:00 pm. There were about 25 parents who attended the meeting. Dr. Usha B A, HOD, Department of ISE, BMSIT&M addressed parents
03	Flipped Classroom	Dr. Usha B.A has conducted flipped classroom activity for 4th sem students on 2nd May 2019 for Software Engineering course. The activity is conducted through Quiz – Kahoot.

04	Cooperative learning	Prof.S.Mahalakshmi has conducted cooperative learning for 4th sem students on 5.4.19 for Microprocessor Course.
05	Quiz	Prof.S.Mahalakshmi has conducted a quiz on 29-04-2019 the topic Microprocessor vs Microcontrollers and ARM RISC design policy for the 4th sem students on for Microprocessor Course
06	Cooperative learning	Dr. Pushpa S. K has conducted cooperative learning for 4th sem students on 27.4.19 for Design and Analysis of Algorithms Course. The topic for the cooperative learning is Bellman Ford Algorithm to find shortest path with negative weights.
07	Alumni Talk	The department of ISE conducted the alumni interaction, the session started at 10:00 AM in ISE Seminar Hall, welcoming the alumnus by Dr.Manjunath T N, Dean External Relations ,BMSIT, Later the profile was read by our Abhinav, 2nd sem ISE student, and then the session was taken over by the speaker of the day,Mr.Bharath Aditya.
08	Industrial Visit	Industrial visit to COGNIZANT company by 6th semester students on 23/2/2019

09	Farewell of 8th sem	Farewell of 2015 batch – May 2019	
10	PBL 1st Prize	Prof Swetha M S has got the "Appreciation award Certificate and first prize" for best Project titled "Smart floor Monitoring system using IOT" for the 2018-19	

Publications

Journal Publications

SL No	Staff Name	Title	Journal name	national/international	Vol & No	issue	Page no.
1	Dr. Usha B. A	Blinds Personal Assistant Application for Android	IJRASET	International	7	1	
2	Prof Swetha M S	The Survey on Fuzzy logic: A Soft Computing Approach for Network Security	IJIRST	International	5	11	
3	Prof Swetha M S	Smart Voting System Support through Face Recognition	IJIRST	International	5	11	
4	Dr.Manjunath T N	A Study on Personalized Early Detection of Breast Cancer Using Modern Technology	Springer Series		545		
5	Dr.Manjunath T N	Smartphone Price Prediction in Retail Industry Using Machine Learning Techniques	Springer Series		545		

Conference Publications

SL No	Staff Name	Title	Conference name	national/international	Place
01	Chandrashekahar K.T. ,Gireesh Babu C N and Manjunath T. N	Smartphone Price Prediction in Retail Industry Using Machine Learning Techniques	ICERECT	Proceedings of International Conference 2018	
02	Prof. Swetha M S	Spam Email and Malware Elimination employing various Classification Techniques	RTEICT	International 2019	SVCE, Bengaluru
03	Prof. Swetha M S	Result Scraper bypassing CAPTCHA Code	RTEICT	International 2019	SVCE, Bengaluru
04	Prof. Swetha M S	Comparison on Hyper ledger Fabric and Hyperledger Composer of Block Chain Technology	ICICCS 2019	International 2019	Vaigai college of Engineering Madurai, India
05	Dr.Manjunath T N	A Key management of security to design enhanced apache and rhino utilities in Big Data using Hadoop	ICETIST ES	International 2019	

Student Achievements

Mr. Dheeraj A S got opportunity to do his Masters of Applied computer Science in Concordia University at fall 2018

Mrs. Ankita Attavar got opportunity to do her Masters in Sheffield University, QoS ranking university.

SL. NO	NAME	TOPIC	NATIO NAL/ INTER	YEAR	Remarks
01	Shamanth kumar shetty	31st Junior National Netball	National	27-30th Jan 2019.	ISE 1st year student has won the 31st Junior National Netball championship held at Maiserkhana Distt Bathinda in Bronz medal, organized by Netball Promotion Association Punjab.
02	Mr.Gaurav sarraf	Volunteered	International	10-14th Feb 2019	Asian Regional Space Settlement Design Competition, New Delhi
03	Agneya Koushik	ESL India Premiership Lan	National	30th June 2019	ISE 6th sem won the ESL India Premiership Lan received a cash prize of 5.25 lakhs

Student Internship:

2018-19(odd semester): **75 students have completed internship in this semester.**

Sl. No	Name	USN	Sem	Company/ Dept	Which Domain you are working	Training duration
1	Abhijit Baruah	1BY16IS001	6	Idivarts	Game Development, AR, VR, C#, Unity, Vuforia.	2 Months
2	Anisha kumari	1BY16IS064	6	Tata Steel	Web Designing & Development html,css,js,php,mysql	1 month
3	Raksha R	1BY16IS034	6	Kekkar Infotech and services	back end, asp.net mvc	1 month
4	Manish Shetty	1BY16IS058	6	Power TV(News Channel)	Front end Wordpress,CSS,HTML	3 Month
5	Yashaswini S	1BY16IS062	6	Costrategix	Back end Springboot,JPA	1 month
6	Anirudh R S	1BY16IS007	6	Dynacommerce	Microservices&Load analysis Jmeter,docker,elasticsearch,reactjs	1 month
7	Roshan Jagwani	1BY16IS070	6	Infidata Technology	Web Development html,css,js,jquery,bootstrap,php,mysql	1 month
8	Amrit Raj	1BY16IS006	6	Infidata Technology	Web Development html,css,js,jquery,bootstrap,php,mysql	1 month
9	sanketh s jain	1BY17IS049	4	unacademy	web development html,css,javascript,bootstrap,firebase etc	1 month (from 8th jan to 5th feb)
10	Pathan Aseef Khan	1BY15IS036	8	Old Dominion University	Computer Sciences Research	
11	Nikhil Shridhar	1BY15IS034	8	Old Dominion University	Computer Sciences Research	

12	Asha R	1BY16IS401	8	HereAround Technologies	Web development	07-01-2019 to 09-02-2019
13	Gagana L	1BY26IS402	8	Digipix Technologies	Web development using php & python	07-01-2019 to 09-02-2019
14	Keerthi D M	1BY16IS404	8	Digipix Technologies	Web development using php & python	07-01-19 to 09-02-19
15	Poojashree P	1BY16IS406	8	Vedantu	Web development	18/02/19 to 17/08/19
16	Aashish Aacharya	1BY15IS001	8	Infidata	IOT	07-01-2019 to 31-01-2019
17	Harsh Koomar	1BY15IS022	8	Amazon	AWS	11/02/19 to 12/07/2019
18	Ridhi Malani	1BY15IS045	8	Spectadors	Web development	06/01/2019 to 06/02/2019
19	Ravi Goyal	1BY15IS043	8	Akshat IT solutions Pvt lim	web development	30/01/2019 to 22/03/2019
20	Anupchandra Rao MC	1BY15IS009	8	Informatica	Bigdata Management	07/01/2019 to 28/06/2019
21	Gadilinga K	1BY15IS020	8	Herearound	Web development	02/07/2018 to 10/08/2018
22	Y Rohith	1BY15IS067	8	Medicento	Machine Learning	11/01/2019 to 31/03/2019
23	Sukesha	1BY15IS059	8	Herearound	Web development	02/07/2018 to 10/08/2018
24	Jasmine Manandhar	1BY15IS024	8	Nano Robotics Embed	IOT	6/2/2019

				Technologies		
25	Prerana V	1BY15IS039	8	Siemens healthcare Pvt Ltd	C# , Tool development	17/01/19- 31/05/19
26	S Tejaswini	1BY15IS046	8	Cognizant		19/01/2019- 18/05/2019
27	Santosh TK	1BY15IS048	8	Yuken India	Server Management	
28	Vineetha M	1BY15IS066	8	Cognizant		19/01/19- 18/05/19
29	Haritha V	1BY15IS064	8	UrbanClap	Business Development	14-01-19 to 28-02-19
30	Veena M S	1BY16IS411	8	Nano Robotics Embed Technologies	IOT	Feb- March
31	Ankita T	1BY16IS400	8	Digipix Technologies	Web Development	11/02/2019 to 11/03/2019
32	Sanyukta R	1BY16IS408	8	Digipix Technologies	Web Development	11/02/2019 to 11/03/2019
33	Suprita P	1BY16IS410	8	Digipix Technologies	Web Development	11/02/2019 to 11/03/2019
34	Ambika.N	1BY15IS006	8	HereAround Technologies	Web development	07-01-2019 to 09-02- 2019
35	Annu kumari.	1By15IS008	8	Cognizant	.net -c# ,ANSI SQL	19-01-19 to 18-05-19
36	Harshitha N	1BY16IS403	8	HereAround Technologies	Web development	07-01-2019 to 09-02- 2019

37	Pavan S Garge	1BY16IS405	8	HereAround Technologies	Web development	
38	Brinda Kulkarni	1BY15IS013	8	Cognizant	Full Stack Java	19-01-2019 to 18-05-2019
39	L Shreyasu	1BY15IS029	8	Happiest Minds Technologies Pvt ltd.	IOT	28-01-2019 to 29-04-2019
40	Shreelaxmi Bhatt	1BY15IS051	8	Evertz India Pvt ltd	Broadcast	7th Jan 2019 to 20th May 2019
41	Vaishnavi R	1BY15IS063	8	Infidata Technologies	Machine Learning	7/01/19-10/2/19
42	Ankit Kumar Verma	1BY15IS007	8	LiveWire	Machine Learning	Jan-Feb
43	Shivani Goel	1BY15IS050	8	Infidata Technologies	Machine Learning	7/01/19-10/2/19
44	Shreyash Raj	1BY15IS056	8	Vidal Health	RPA	16-01-2019 to 30-04-2019
45	Shubham	1BY15IS057	8	LiveWire	Machine Learning	Jan-Feb
46	Harshitha BG	1BY15IS023	8	HereAround Technologies	Digital Services	11/02/2019 to 11/03/2019
47	Namratha MR	1BY15IS033	8		Digital Services	
48	Poornima Chowdry DS	1BY15IS037	8	Siemens Healthcare Pvt Ltd	Digital Services	Jan 17-May 31st
49	Sharanya V	1BY15IS062	8	HereAround Technologies	Digital Services	Feb 11-Mar 11

50	Chandana H	1BY15IS014	8	Temenos India Pvt Ltd	Product Analysis and Client support	jan 18- May 31
51	Sanjana R	1BY15IS047	8	Evertz India Pvt ltd	Broadcast	7th Jan 2019 to 20th May 2019
52	Shreya Kulkarni	1BY15IS053	8	Amazon Web Services	Cloud support	11/2/19 to 12/7/19
53	Priyanka Madri	1BY15IS040	8	HereAround Technologies	Javascript, Angular Javascrip,node Javascript	1/02/2019 to 20/03/2019
54	Jeffline Jenisha W	1BY15IS026	8	Informatica Solutions	Data Warehpusing With Informatica PowerCenter	7th Jan 2019 - 28th June 2019
55	Prerana S Joshi	1BY15IS038	8	HereAround Technologies	Web development	Feb 11-Mar 11
56	Sri Padma L	1BY15IS058	8	HereAround Technologies	Web development	Feb 11-Mar 11
57	Tanushree P	1BY15IS060	8	HereAround Technologies	Web development	Feb 11-Mar 11
58	Akshat Gupta	1BY15IS005	8	Genixo Info Solutions Pvt Ltd		21st Jan to 22nd April, 2019
59	Liqa Arzeen	1BY15IS030	8	Mu Sigma	Data Analytics	7th Jan to 7th May
60	Shreyas C R	1BY15IS054	8	Yuken India		6th jan to 6th feb
61	Yash Pratap	1BY15IS072	8	Nuedesic		FEB 11-APR 11
62	Michael bevan	1BY15IS032	8	Nokia	5G	7th jan- 30 April

| 63	Vershini P	1BY15IS065	8	Eduvirtuoso	Business development	Jan7-Aug7
64	Rahul Singh	1BY15IS041	8	Temenos		15-Feb-2019
65	Deepanshu Chhaparwal	1BY15IS017	8	Vidal Health	Machine Learning (NLP)	16/1/19 to 30/4/19
66	Abhishek Sunil	1BY15IS003	8	HereAround Company	Web Development	02/07/2018 to 10/08/2018
67	K.V.S.Nishith	1BY15IS028	8	HereAround Company	Web Development	02/07/2018 to 10/08/2018
68	Saurav Kumar	1BY15IS049	8	Evertz India Pvt ltd	Networking and Broadcasting	7th Jan 2019 to 20th May 2019
69	Alok Aryal	1BY15IS068	8	ekGhanti Services pvt ltd	Data Analytics and Visualization	8th July to August 8th 2018
70	Abhisek Oli	1BY15IS002	8	Thakral one	Computer networking	July 14 to Aug 12 2018
71	Binod Neupane	1BY15IS012	8	Softwel Pvt Ltd	Android App Development	12th July to 9th August
72	Raman Shah	1BY15IS042	8	Thakral one	Computer networking	July 14 to Aug 12 2018
73	Shreejwol Disti	1BY15IS052	8	Softwel Pvt Ltd	Android App Development	12th July to 9th August
74	Tushaar	1BY15IS061	8	Wipro ldt	App Development	Jan 10th- Apr 10th
75	Nishanth k	1BY15IS035	8	LUCID IT SOLUTIONS PVT LTD	HTML, CSS	July 6th - July 26th
76	Salman Khan	1BY16IS407	8	Digipix Technologies	Web development using php and python	Jan 7th-feb 9th

Placement Activities

Sl no	Name	Company Name	Offer1	Package
1	Konjeti Venkata Sai Nishith	Pyrox I City Pvt. Ltd.	FIRST	3,00,000LPA
2	Tanushree P	Pyrox I City Pvt. Ltd.	FIRST	3,00,000LPA

Glismpses of Student Activities

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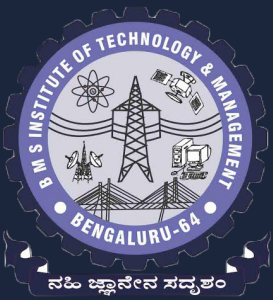
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