

**BMS Institute of Technology and Management  
Yelahanka Bengaluru -560064**

**Department of Information Science and Engineering**



# JNAN

JANUARY-JUNE 2018 | VOLUME-3 | ISSUE-2



**Bi-Annual News letter**

## FROM THE PRINCIPALS' DESK



It gives me immense pleasure to share my feelings with you on the occasion of the publication of the second issue of JNAN, a newsletter of the Department of Information Science and Engineering.

A good team of people does not allow the things to happen for themselves. They make things to happen in the way they want. This department will stand as an example. I am glad to know that all the faculty and staff members along with students are toiling hard to build a very competent department. I understand that they have no hesitation to try new ideas and learn from experiences. Having embarked upon Outcome based Education, they need to keep expanding their horizons, and hone their knowledge and skills.

A superb alignment is seen among the goals of the Management, faculty and staff members and students of BMSIT&M. Management has been very magnanimous to support all our endeavours to provide a wholesome personality to students, and equip them with skills on par with international standards. I am confident that the department utilizes the resources provided in a best possible manner to realize its educational objectives.

On the occasion of the release of this newsletter, I appreciate all those who have made intellectual contributions to it. I congratulate the editorial team for having put their best to bring out this outstanding piece of work.

**Dr. Mohan Babu G N.**  
Principal

## FROM THE HODS' DESK



It's my indeed pleasure to share my thoughts about the department of information science and engineering for the newsletter JNAN - Volume-3 and Issue-2 for the period Jan-2018-July-2018.

The department of information science and engineering is striving hard towards academic excellence with lot of best practices such as videos for all the laboratory sessions, and youtube channel, E-learning platform for placement practice tests and we encourage students to undergo internship at reputed organizations during the semester break.

I am happy to share that the ISE UG-Program is accredited by National Board of Accreditation for the period of 3 Years and valid up to 31-JUN-2021. I am cheerful to share that all the faculty and staff members along with students are striving hard to build a very competent department. We introspect our self and try to tweak our processes Year on Year. We focus to make our vision to come true in next 5 years' time and will ensure the department of information science will be role model at the university level with respect to student outcomes, best practices and faculty intellectual capabilities.

We thank Management, faculty, staff members and students of the Department of Information science and engineering. Management has been very magnanimous to support all our endeavours to provide a wholesome personality to students, and equip them with skills on par with international standards.

My personnel thanks to my entire ISE Family for aligning with the vision of the department and brining newsletter on time.

**Dr. Manjunath T N.**  
**HOD**

# **BMS INSTITUTE OF TECHNOLOGY & MANAGEMENT**

## **VISION**

To emerge as one of the finest technical institutions of higher learning, to develop engineering professionals who are technically competent, ethical and environment friendly for betterment of the society.

## **MISSION**

Accomplish a stimulating learning environment through high quality academic instruction, innovation and industry-institute interface.

## **ABOUT INSTITUTION**

In view of the growing demand for technical education and with the goal of establishing a premier technical education on par with international standards, a new technical institution by name 'BMS Institute of Technology and Management' was established in 2002. Institution is accredited by NAAC all the programs in the institution are NBA accredited. Currently, BMSIT & M offers seven UG, three PG programs and Ph.D. /M.Sc. (Engg.) in seven disciplines. BMSIT & M considers research to be of equal importance as academics for the betterment of an institution. Research culture has been embraced well by the faculty members and research scholars at BMSIT and M. In this report, we present an overview of the research activities of Information Science and Engineering, BMSIT & M.



# 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.

## ABOUT DEPARTMENT

The Department of Information Science and Engineering started in the Year 2010 with an approved intake of 60. The Department has qualified and professionally dedicated faculty member practice OBE in the academic deliverables. The faculties have published research articles in various National, International, IEEE Conferences and Journals.

The department has modern laboratories to serve the teaching and research needs of the students as well as faculty members. The Department has been organizing conferences, workshops, expert lectures and student centric activities to encourage students and faculty to instil lifelong learning. Few of our students are working for consultancy projects along with few faculty members. The staffs are encouraged to attend the 10 days internship to bridge the gap between the academics and industry. The department has admirable research ambiance.

## THE EDITORIAL BOARD

### Honorary Editor:

Dr. Manjunath T. N

### Editors:

Dr. Pushpa S. K

Mrs. Arpitha H M

## PROGRAMME EDUCATIONAL OBJECTIVES (PEO's)

**PEO-1:** Successful professional career in Information Science and Technology.

**PEO-2:** Pursue higher studies & research for advancement of knowledge in IT industry

**PEO-3:** Exhibit professionalism and team work with social concern.

## PROGRAMME OUTCOMES (PO's)

1. **Engineering knowledge:** Apply the knowledge of mathematics, science, engineering fundamentals, and an engineering specialization to the solution of complex engineering problems.
2. **Problem analysis:** Identify, formulate, review research literature, and analyze complex engineering problems reaching substantiated conclusions using first principles of mathematics, natural sciences, and engineering sciences.
3. **Design/development of solutions:** Design solutions for complex engineering problems and design system components or processes that meet the specified needs with appropriate consideration for the public health and safety, and the cultural, societal, and environmental considerations.
4. **Conduct investigations of complex problems:** Use research-based knowledge and research methods including design of experiments, analysis and interpretation of data, and synthesis of the information to provide valid conclusions.
5. **Modern tool usage:** Create, select, and apply appropriate techniques, resources, and modern engineering and IT tools including prediction and modeling to complex engineering activities with an understanding of the limitations.
6. **The engineer and society:** Apply reasoning informed by the contextual knowledge to assess societal, health, safety, legal and cultural issues and the consequent responsibilities relevant to the professional engineering practice.
7. **Environment and sustainability:** Understand the impact of the professional engineering solutions in societal and environmental contexts, and demonstrate the knowledge of, and need for sustainable development.
8. **Ethics:** Apply ethical principles and commit to professional ethics and responsibilities and norms of the engineering practice.
9. **Individual and team work:** Function effectively as an individual, and as a member or leader in diverse teams, and in multidisciplinary settings.
10. **Communication:** Communicate effectively on complex engineering activities with the engineering community and with society at large, such as, being able to comprehend and write effective reports and design documentation, make effective presentations, and give and receive clear instructions.
11. **Project management and finance:** Demonstrate knowledge and understanding of the engineering and management principles and apply these to one's own work, as a member and leader in a team, to manage projects and in multidisciplinary environments.

12. **Life-long learning:** Recognize the need for, and have the preparation and ability to engage in independent and life-long learning in the broadest context of technological change.

## **PROGRAM SPECIFIC OUTCOMES (PSO's)**

**PSO-1:** Apply the knowledge of information technology to develop software solutions.

**PSO-2:** Design and Develop hardware systems, manage and monitor resources in the product life cycle.



## FACULTY

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

## TECHNICAL STAFF

Sl.No	Name	Qualification	Designation
1	Mr. P Ashok Kumar	DCSE(BSc)	Assistant Instructor
2	Mr.Raju	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



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## Workshops conducted

One day workshop had been conducted for faculties of ISE department on “Pre-requisite to speed up publication & funding opportunities”. Resource person was Dr. Daruka Prasad, Assistant Professor, Department of Physics, BMSIT&M, dated 2/01/2018. Dr. Daruka Prasad, highlighted what is research about and how to do literature survey, various tools for research, publications in free journals, he gave live demo on springer publications. How to apply in free journals and funding agencies? He also stressed upon research should be a team work.



One day workshop by Dr. Daruka Prasad

Department of ISE has conducted Five Days Short Term Open Course on “Data Analytics using R Programming from 5<sup>th</sup> February 2018 to 9<sup>th</sup> February 2018. Around 95 Students from various branches like ECE, Mech, CSE has participated and it was a grand success.



Inauguration of Open course on R



Students attended



Group Photo of Open course on R Programing

Dr. Manjunath has delivered a talk on “Introduction to big data analytics and opportunities” in Five Days Short Term Open Course on “Data Analytics using R Programming on 5.2.18 at BMSIT & M, Bangalore.



**Dr. Manjunath -Introduction about the open course**



Dr. Pushpa S K has delivered a talk on “Introduction to Data analytics and Exploring R studio ” in Five Days Short Term Open Course on “Data Analytics using R Programming on 5.2.18 at BMSIT & M, Bangalore.

Dr. Pushpa S K has delivered a talk on “Basics of R Programming with Hands on session ” in Five Days Short Term Open Course on “Data Analytics using R Programming on 6.2.18 (From 8:30 am to 12:30pm )at BMSIT & M, Bangalore.



Dr. Pushpa S K interaction with the students



Prof.S.Mahalakshmi has delivered a talk on “How to access Files and online Resources through R packages” in Five Days Short Term Open Course on “Data Analytics using R Programming on 6.2.18 at BMSIT & M, Bangalore.

Talk by Prof. Mahalakshmi S

Prof.Gireesh Babu C N has delivered a talk on “How to create & access Database and case study on ‘word cloud’ using R programs” in Five Days Short Term Open Course on “Data Analytics using R Programming” on 7.2.18 at BMSIT & M, Bangalore.



Prof. Gireesh Babu C N Distributed the certificate to student



Talk by Prof. Chandrashekhara K T

Prof Chandrashekhara K T has delivered a talk on “How to create Charts and Graphs in R programming language” in Five Days Short Term Open Course on “Data Analytics using R Programming” on 7.2.18 at BMSIT & M, Bangalore.

Mr.Amogh has delivered a talk on “ R Statistics with examples ” in Five Days Short Term Open Course on “Data Analytics using R Programming” on 8.2.18 at BMSIT & M, Bangalore.



Talk by Prof. Amogh

Mr. Kaushik C M-Data Scientist has delivered a talk on “Data analysis using Python Programming” in Five Days Short Term Open Course on “Data Analytics using R Programming” on 8.2.18 at BMSIT & M, Bangalore.



Talk by Mr. Kaushik C M

Mr. Mahantesh ,Data Scientist has deliver a talk on “Real time execution of projects using R and Java” in Five Days Short Term Open Course on “Data Analytics using R Programming” on 9.2.18 at BMSIT & M, Bangalore.



Talk by Mr. Mahantesh

2. M/s ATS InforTech Pvt.Ltd has conducted 3 day workshop on CPMA and IoT.

The batches were scheduled as follows:

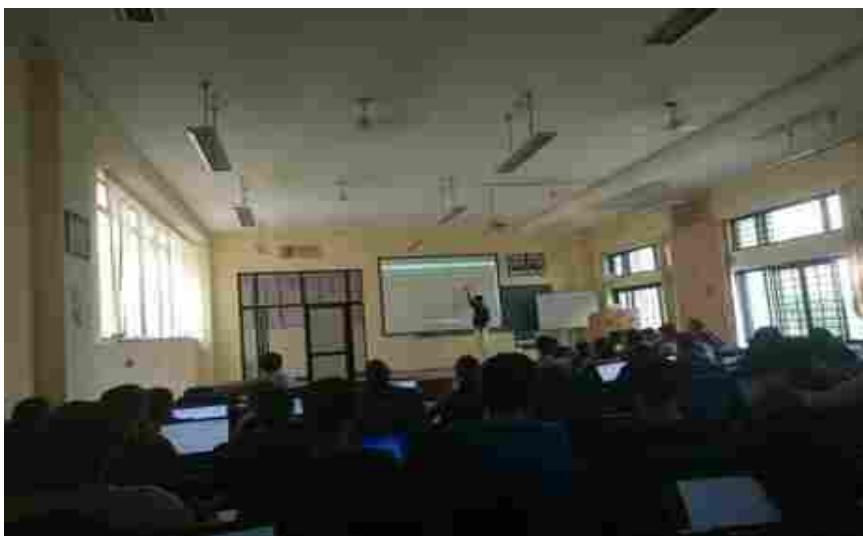
Sl.No	Batch	Date	Course	No of Students attended
1	B1	27 <sup>th</sup> to 30 <sup>th</sup> April, 2018	CPMA	77
2	B2	27 <sup>th</sup> to 30 <sup>th</sup> April, 2018	IoT	21
3	B3	1 <sup>st</sup> to 3 <sup>rd</sup> May. 2018	CPMA	23
Total				121

The trainers were from M/s ATS InforTech Pvt.Ltd, Two courses were conducted:

CPMA (Cross Platform Mobile App Development)

IoT ( Internet of Things)

1. It's a Microsoft certification course, which helps students for enhancing their skills
  2. Training students in new technologies to meet industry requirements
  3. Mobile App Development and Internet of Things is one of the current skills required in industry.
1. Students will be trained from ATS Learning Solutions Pvt Ltd.
  2. Students will be provided with Microsoft certification programme.
  3. Students will be able to gain skills in App Development and Internet of Things.



Entrepreneurship day was organized by Prof. S. Mahalakshmi on 4.5.2018. Mr.Yogesh Suresh CEO, HOPE has been invited as chief guest. Along with the chief guest our department Entrepreneurs also joined in panel discussion . This gave awareness to the junior students how to start a business, problems and challenges in startup and how to get funds. Talent exhibition to showcase the talents of students was also organized as part of the event.



Inauguration by Mr.Yogesh Suresh

## Expert Talks

Mr. Gireesh Babu C N & Mr. Chandrashekhara K T delivered a Talk on “Data Analytics using R programming “ in one day workshop conducted on 16<sup>th</sup> March 2018, organized by Atria Institute of Technology, Bengaluru -560024.



## MoUs / Awards / Recognitions

Students of 2 teams from ISE department has participated in Hackathon conducted by Govt of Rajasthan from 19<sup>th</sup> - 21<sup>st</sup> March 2018. Mr.Akshat Gupta, Mr.Harsh Koomar, Ms.Ridhi malani, Mr.Nickhil, Mr.Jayanth, Mr . Aaseef, Mr.Shreyas C.R from 6<sup>th</sup> sem and Mr.Rohith from 4<sup>th</sup> sem has participated in this event .



Mr.Gaurav sarraf of fourth semester, Dept of ISE has got inhouse funding of Rs.15000/- for Intelligent Drone Robot project under the guidance of Prof.S.Mahalakshmi

## Parent-Teachers meeting

Department of ISE conducted a Parent-Teachers meeting on 24<sup>th</sup> March for all semesters for the year 2017-18 Even semester.

The parent teacher meeting for the year 1<sup>st</sup>, 2<sup>nd</sup>, 3<sup>rd</sup> and 4<sup>th</sup> Year ISE department was held on 24<sup>th</sup> March 2018 in ISE Seminar Hall at 10.30 am To 1:30 pm. There were 25 parents who attended the meeting. Dr. Manjunath T N, HOD, Department of ISE, BMSIT&M took feedback from the parents about their wards performance. Parents expressed that they are happy with the process and the initiatives that are happening in the department towards moulding students in academic, co-curricular and building leadership qualities in them. He also emphasized on as a parent what is their role to make their wards successful. HOD also highlighted the role of parent as our stakeholder in the accreditation process and thanked for their positive responsive during NBA visit. He also informed that we are waiting for NBA results once results are out, he will float emails to all parents. HOD presented his views to take the department to next level. He highlighted good practices and initiatives that are happening in the department to take our students towards industry standards.





Parents Teacher Meetings in the Department Photos

## Industry – Institute Interaction

A consultancy work on Window maker ERP has been started with the collaboration with SSI info tech solutions. Prof. S. Mahalakshmi mentor the team and the team members are Mr. Jayanth , Mr. Nickhil and Mr. Aseef pathan of 6th sem and Mr. Adithya and Mr. Tirivikram of 4th sem.



## Discussion on Software specific Requirements for window maker project

Prof.S.Mahalakshmi with Student members of consultancy work Window maker ERP had a discussion with the consultancy person Mr.Ravi SSI info tech on 3<sup>rd</sup> April 2018. Mr.Ravi has explained the Requirements of the project to the team.



Dr. Usha B A attended Dell University Relationship Program as Panel Member at The Leela Palace from 20<sup>th</sup> to 21<sup>st</sup> June 2018.

Interacted with Dell in having “Dell Student Technology Center ”, in the department as a part of University Relation.

Industrial Visit to Cognizant: Prof. Gireesh Babu C N and 6<sup>th</sup> Sem students visited Cognizant Technology Solutions, Manyata Tech Park, F2 Building, Outer Ring Road, Rachenahalli, Bangalore - 560045 on 19<sup>th</sup> May 2018. Mrs. Vaishnavi HR PoC given welcome speech to students then Leader Mr.Sameer Sana Syed spoke about working nature at Cognizant and their services. Finally Mr.Manohar Baburao discussed the gap between industry and academia. Students shared their happiness to get exposure with the industry working environment.



## FDP/Workshop Attended

1. Prof. Gireesh Babu C N attended one week Faculty Development programme on “IoT System Design using RPI and Data Analytics” at MSRIT, Bengaluru, from 16<sup>th</sup> to 21<sup>st</sup> of January 2018.
2. Prof. S.Mahalakshmi attended IEEE sponsored one week Faculty Development programme on “IoT System Design using RPI and Data Analytics” at MSRIT, Bengaluru, from 16<sup>th</sup> to 21<sup>st</sup> of January 2018.
3. Prof. Swetha M S attended Three days hands on workshop on “Data Analytics and machine Learning using R software” in Dept of ECE BMSIT, Bengaluru, from 22<sup>nd</sup> to 24<sup>th</sup> of January 2018.
4. Prof. Swetha M S attended one Day online FDP Programme on ArcGIS solution for Civil Engineering using ArcGIS Software” in Dellsoft on 31<sup>th</sup> of January 2018.
5. Prof. Swetha M S attended and completed the online course on “Fundamentals on C++” conducted by SoloLearn on 09<sup>th</sup> of January 2018.
6. Dr.Manjunath T N attended one day workshop on international and national accreditation at Tyagarajar College of Engineering Madurai on 7<sup>th</sup> of January 2018.
7. Dr.Manjunath T N attended Two day workshop on Restructuring and redesigning curriculum which meets industry on 24<sup>th</sup> and 25<sup>th</sup> January 2018 at Mysore organized by CII.
8. Mrs. Bhavya G, Department of ISE attended a webinar on “Virtual Academy: Instructional Module Development System (IMODS)” conducted by IUCEE Virtual academy, Presented by Srividya Bansal, Associate Professor, Arizona State University on March 20<sup>th</sup> 2018.
9. Mr.Chandrashekhara K T has attended 5 days Faculty development program on “Java Fundamentals” Conducted by Oracle Academy from 23/4/2018 to 27/4/2018 at K S School of Engineering and Management,Bangalore
10. Prof. Swetha M S attended Two days Faculty Training Programme on “Cyber Security” at Cognizant Company Bengaluru, on 15<sup>th</sup> & 16<sup>th</sup> May 2018.
11. Dr. Usha B A has attended One Week VGST Sponsored FDP on “Internet of Things” from 18<sup>th</sup> to 23<sup>rd</sup> June, 2018 at JSSATE, Bangalore
12. Prof Gireesh Babu, Successfully completed online certification course in R Basics - R programming Language Introduction certification.

## Faculty Internship:-

Prof. Shanthi D L completed internship in RTTS private limited from 30<sup>th</sup> Dec 2017 to 8<sup>th</sup> Jan 2018.

Mr. Gireesh Babu C N & Mr. Chandrashekar K T attended the internship in HereAround, Bangalore from 20<sup>th</sup> to 30<sup>th</sup> June 2018. The outcomes of workshop learn Machine learning models in data analytics.

## Departmental Co-curricular Activities

Prof. Veena organised a Skill Development Program for 6<sup>th</sup> semester students on 28/2/2018 from 11:20 to 1:00 pm to familiarize the File Input and Output using java which is part of their mini project.



Prof Veena explaining Java Programming



Prof. Veena interaction with the students

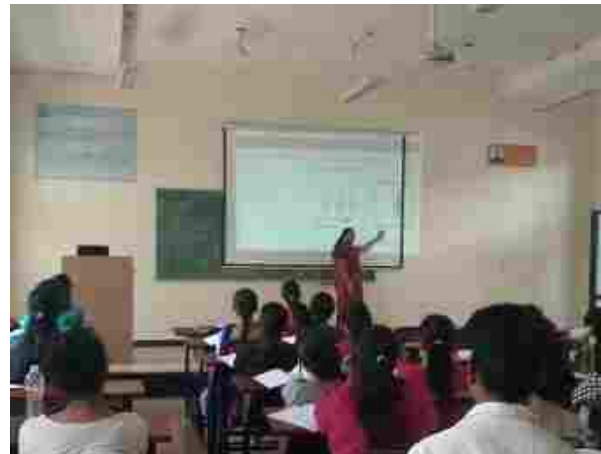
Prof. Gireesh Babu C N conducted Blended Learning for the subject “Data Communication with subject code 15CS46” on 15<sup>th</sup> Feb 2018. The objective of this session was to make students understand how Data Communication occurs in the network among different network devices through video visualization (How Packet Travels in Network, 3D Animation - <https://www.youtube.com/watch?v=xIuBmOufbls>)



1. Prof.S.Mahalakshmi Conducted a Blended learning on Process synchronization for the subject Operating Systems held on 20.3.18 . This activity helps students better understanding of synchronization concepts. The topics covered were critical section problem and peterson's solution for Critical section problem. Also an animation video of producer consumer problem has been shown and discussed the importance of process synchronization. A quiz has been conducted based on the blended learning through Moodle . 61% of students got more than 70% (7/10) in the quiz.



Synchronization



Blended learning on Process

2. Prof.S.Mahalakshmi has conducted Tutorial through Collaborative learning on 21.3.18 in CPU scheduling Algorithms. Students are made in to 10 teams each of 9 students . Each group has formed based on at least 1 bright student as a team leader , min 1 diploma candidate, average students and each group has at least 1 girl student, so that they can solve problems in teams and team building capability will be improved. Student showed interest and they understand and helps the team members to solve the problems.



Tutorials through Collaborative learning for OS subject

3. Dr.S.K.Pushpa conducted collaborative learning for ADA subject .In this activity the entire class was grouped into 10 groups, each group with 10 students. Each group was assigned a topic, gave them 30 minutes for discussion and allowed them to present about the topic in a group. It integrates different level of students and helps them to work in team and improve their communication and presentation skills.

Topics Covered: Data Structures, Graph Representation, Selection Sort and its analysis, Bubble sort and its analysis and Closest pair problem and its analysis. Students are able to : Understand the topics with less span of time, Analyse the algorithms efficacy (PO3), Work in team (PO9), Communicate and present professionally (PO8, PO10) and It contributes to life -long learning.



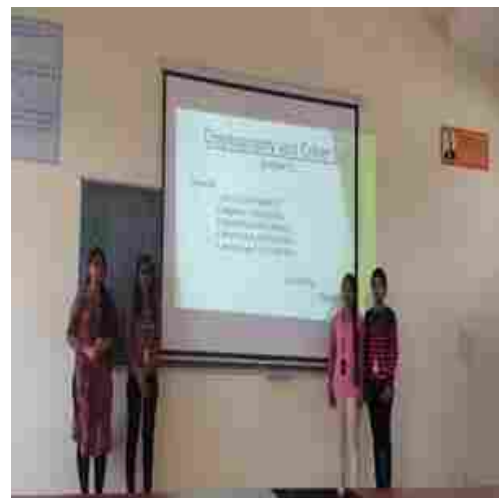
4. Mrs. Swetha M.S. Organized student group seminar around 18 groups for the subject “software engineering” on 26/3/18 to 2/4/18 on the topic “SCRUM, Agile principles and methods for software production”. Students were motivated to improve their self-learning capability, confidence Individual and Team work( PO9 & 10) and communication skills(PO10). All students’ shows more interest in this seminar. The content of seminar was useful for their final exam



Seminar on “software engineering” on “SCRUM, Agile principles and methods for software production”

6. Mrs Swetha M S Assistant Professor, Dept. of ISE conducted a quiz on subject “SOFTWARE ENGINEERING“ for 4<sup>th</sup> sem on 2/4/18 through Moodle .The quiz was very much useful for the student to evaluate their knowledge on the “SOFTWARE ENGINEERING “ subject & session was useful for placement training as subject is used in wide area.

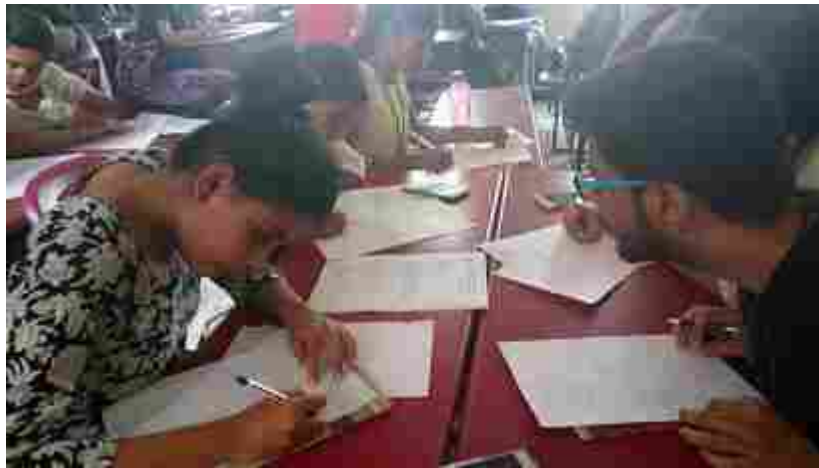
7. Mrs.Swetha M.S. Organized student group seminar around 18 groups for the subject “CRYPTOGRAPHY, NETWORK SECURITY AND CYBER LAW” on 26/3/18 to 2/4/18 on the topic “IT act aim and objectives, Scope of the act, Major Concepts and digital signatures”. Students were motivated to improve their self-learning capability, confidence and communication skills. All students’ shows more interest in this seminar. The content of seminar was useful for their final exam.



In ISE department around 200 students have done registration for Data Analytics online course under Qlik Academic Program Application Coordinated by Prof. Swetha M S- MOOC coordinator of the department. Dr. Manjunath Sir- HOD ISE department appreciated her by giving memento in Department meeting on 16-3-2018.



8. Prof.S.Mahalakshmi has conducted Tutorial through Collaborative learning on 5.4.18 in Deadlocks and Memory management for Operating Systems Course. Students are made in to 10 teams each of 9 students . Each group has formed based on at least 1 bright student as a team leader , min 1 diploma candidate, average students and each group has at least 1 girl student, so that they can solve problems in teams and team building capability will be improved. Student showed interest and they understand and helps the team members to solve the problems.



Tutorials through Collaborative learning for OS subject on 5.4.18



## Student Internship details

Sl.no	Name	Sem	Company	Duration
1	Vaishnavi Naidu	5	Bharat Electronics	
2	shruthi s ravi	7	Siemens Technology	15/1/2018 to 21/5/2018
3	Mrunal T V	7		January 15 to till date
4	Jyothi	3	Bharat Electronics	
5	Rashmi N	7	BOSCH	18/1/2018 to 17/4/2018
6	Sreelakshmi Bhat	5	Hindustan Field Services	till 2/2/2018
7	Prateek Lokesh	3	INTERNADO	16/1/2018 to 30/1/2018
8	Kalash Khator	7	National Instruments	Jan 2018 to till date
9	Usha	7	Aricent	15/1/2018 to till date
10	Shivani goel	5	ORACLE	17/1/2018 to 6/4/2018
11	Annu kumari	5	Bharat Electronics	
12	Brinda Kulkarni	5	Wipro Ltd	18/1/2018 to 2/2/2018
13	Archana T	7	Aricent	15/1/2018 to 29/6/2018
14	Sharmila Ganguly	3	Zoutons	3/1/2018 to
15	Trivikram Muduniri	3	AIIESEC	13/1/2018 to 3/3/2018
16	Rajashree Y G	7	TEMENOS	25/1/2018 to till date
17	Arpitha D	7	Siemens Technology	15/1/2018 to 21/5/2018
18	Rachana B	7	BOSCH	11/1/2018 to 30/4/2018
19	Jeffline	5	CloudMyInfo	8/1/2018 to till date
20	Priya Ashok		Siemens Technology	15/1/2018 to 21/5/2018
21	Ashwini K	7	Here Around	5/1/2018 to 5/2/2018
22	Praveen Kumar T M	7	Here Around	5/1/2018 to 5/2/2018
23	Sudharshan U	7	Here Around	5/1/2018 to 5/2/2018

24	S Harsha	7	Here Around	5/1/2018 to 5/2/2018
25	Chandana B N	7	Here Around	5/1/2018 to 5/2/2018
26	H L Abhilash Narayan	7	Here Around	5/1/2018 to 5/2/2018
27	Bindu Yadav Muniraju	7	Here Around	5/1/2018 to 5/2/2018
28	Pavan S Garge	5	Here Around	5/1/2018 to 5/2/2018
29	Ritesh Kumar	7	Bharat Electronics	
30	Krishan Kumar	7	Bharat Electronics	
31	Chethan N	1	HAL	24/1/2018 to 10/2/2018
32	ISHAAN	3	Akshath solutions pvt ltd	11/1/2018 to 3/02/2018
33	Gaurav Sarraf	3	Atlantis Erudition Pvt. Ltd.	19/1/2018 to 9/2/2018
34	Harshitha Mrutyunjaya	3	InfiData Technologies	5/2/2018 to 30/4/2018
35	Nishanth	3	LUCID Technologies	9/1/2018 to 9/2/2018
36	Micheal Beven	5	Siemens Technology	24/07/2017 to 31/07/2018
37	Ravi Goyal	5	GSS,RVPNL	13/01/2018 to 27/01/2018
38	Poornima Chowdry	5	INDOTECH	2/11/2017 to 10/2/2018
39	Sumedha K Rao	3	Ecell,sms	18/1/2018 to 18/2/2018
40	Abhiyan Timilsina	7	Internshaala	23/12/2017 to

## Publications and Presentation of Research papers

1. Manjunath T N, Big Data Security Architecture using Split and Merge Method, Indonesian Journal of Electrical Engineering and Computer Science Vol. 11, No. 1, July 2018, pp. 268~274 ISSN: 2502-4752, DOI: 10.11591/ijeecs.v11.i1.pp268-274
2. Manjunath T N, An Effective Security and Privacy in Big Data analytics Using Machine Learning, January 2018 | IJIRT | Volume 4 Issue 8 | ISSN: 2349-6002.

3. Prof. Swetha M S Published a paper on “A Survey on Different Types of MANET Attacks in OSI Model” International Journal for Innovative Research in Science & Technology (IJIRST) Vol. 4, Issue 11, May 2018, (Online)- 2349-6010- Impact Factor: 4.371.
4. Prof. Swetha M S and Dr. Manjunath T N Published a paper on “Substantiation Concepts and EIMKM Method for Enhancing Security in MANET ” IAETSD Journal for Advanced Research in Applied Sciences (UGC Approved Journal) May-2018, Volume-05, Issue NO-5 ISSN- 2394-8442 Impact Factor 5.8
5. Prof. Swetha M S Published a paper on “Assessment of Different Routing Protocols in MANET (Mobile-Ad Hoc Network)” International Journal for Innovative Research in Science & Technology (IJIRST) Vol. 4, Issue 11, May 2018, (Online)- 2349-6010- Impact Factor: 4.371
6. Prof S.Mahalakshmi and Ms.Archana has published a paper on “Study on E-waste Management Methodology” in International Journal for Research in Applied Sciences and Engineering Technology (IJRASET),vol 6, issue 5, May 2018, ISSN: 2321-9653; PP. : 1226-1230, DOI : 10.22214/ijraset.2018.5200
7. Prof S.Mahalakshmi and Ms.Rajashree has published a paper on Study of Deep Learning Algorithms for Automatic License Plate Recognition (ALPR)”,in International Journal for Research in Applied Sciences and Engineering Technology (IJRASET),vol 6, issue 5, May 2018, ISSN: 2321-9653 Page No. : 1535-1539, DOI : 10.22214/ijraset.2018.5249
8. Prof S.Mahalakshmi and Ms.Mrudula has published a paper on Hyperloop Transportation Systems”,in International Journal for Research in Applied Sciences and Engineering Technology (IJRASET),vol 6, issue 5, May 2018, ISSN: 2321-9653 Page No. : 1118-1123, DOI : 10.22214/ijraset.2018.5180
9. Prof S.Mahalakshmi and Ms.Geetha has published a paper on “Smart City Implementation Models Using IoT” in International Conference on Advances in Communication, Information and Computing Technologies(ACICT) on 3<sup>rd</sup> & 4<sup>th</sup> May 2018 in East west Institute of Technology, Bangalore.
10. Prof S.Mahalakshmi and Ms. Sangeetha has published a paper on “ Ontology based Information Extraction from Resumes” in International Conference on Advances in Communication,Information and Computing Technologies(ACICT) on 3<sup>rd</sup> & 4<sup>th</sup> May 2018 in East west Institute of Technology.
11. Prof S.Mahalakshmi and Ms.Arptha has published a paper on “ Study of IoT sensors for vehicle detection” in International Conference on Advances in Communication, Information and Computing Technologies(ACICT) on 3<sup>rd</sup> & 4<sup>th</sup> May 2018 in East west Institute of Technology.
12. Dr. Manjunath T N and Dr. Pushpa S.K Paper published in Second National Conference on Engineering Innovations & Solutions (NCEIS - 2018), 7<sup>th</sup> May 2018 at GSSIE&TW, titled “A study on Recent Trends in Multi Media Communication”
13. Dr. Manjunath T N and Dr. Pushpa S.K Paper published in Second National Conference on Engineering Innovations & Solutions (NCEIS - 2018), 7<sup>th</sup> May 2018 at GSSIE&TW, titled “A Study on Virtual Reality Applications”

14. Dr. Manjunath T N and Dr. Pushpa S.K Paper published in Second National Conference on Engineering Innovations & Solutions (NCEIS - 2018), 7<sup>th</sup> May 2018 at GSSIE&TW, titled "A study on Recent Trends in Multi Media Communication"
15. Dr. Manjunath T N and Dr. Pushpa S.K Paper published in Second National Conference on Engineering Innovations & Solutions (NCEIS - 2018), 7<sup>th</sup> May 2018 at GSSIE&TW, titled "A Study on Virtual Reality Applications"
16. Prof. Gireesh Babu C N, Appanna B Prakash and Greeshma Shetty Presented a paper on "A MACHINE LEARNING APPROACH FOR DISEASE PREDICTION " in International Journal of Research in Electronics and Computer Engineering (IJRECE-UGC Approved). VOL. 6 ISSUE 2, ISSN: 2393-9028 (PRINT) | ISSN: 2348-2281 (ONLINE).
17. Prof. Gireesh Babu C N ,Appanna B Prakash and Greeshma Shetty Presented a paper on "A MACHINE LEARNING APPROACH FOR DISEASE PREDICTION " in International Conference on Innovative Trends in Engineering, Applied Science and Management (ICITEASM-2018) on 24 June 2018 at Osmania University Centre for International Programmes, Osmania University Campus, Hyderabad, Telangana State, India.
18. Dr. Usha B A has published the Book Chapter in "Applications of Security, Mobile, Analytic, and Cloud (SMAC) Technologies for Effective Information Processing and Management", in IGI Global, June 2018

## Placement Activity

Sl No	NAME	OFFER 1	Package	OFFER 2	Package
1	Kalash Khator	NI	15,000 PM	DELL	6,05,000 LPA
2	B Rachana	DELL	6,05,000 LPA		
3	Greeshma Shetty	DELL	6,05,000 LPA		
4	M Mrudula	DELL	6,05,000 LPA		
5	N Rashmi	DELL	6,05,000 LPA		
6	Shankar Kanthraj	DELL	6,05,000 LPA		
7	T V Mrunal	DELL	6,05,000 LPA	EPICOR	
8	Vikshit Sharma	DELL	6,05,000 LPA		
9	Arpan Karki	DELL	6,05,000 LPA		
10	Y G Rajashree	TEMENOS	6,43,627 LPA		
11	Sowmya M	Semieo Soln.	3,50,000 LPA		
12	Usha	ARICENT	3,50,000 LPA		
13	Archana T	ARICENT	3,50,000 LPA		
14	Indra Kumar	ARICENT	3,50,000 LPA	NOKIA	6,00,000LPA
15	Vatsala	TATA ELXSI	3,50,000 LPA	NOKIA	6,00,000LPA

16	C Suhas	Cap Gemini	3,15,000 LPA		
17	M Deepika	Cap Gemini	3,15,000 LPA		
18	Mohd Aiman Jaffer	Cap Gemini	3,15,000 LPA		
19	Priya Ashok Lenkenavar	Cap Gemini	3,15,000 LPA	Siemens	5,50,000LPA
20	Sangeetha Jaiprakash Hegde	Cap Gemini	3,15,000 LPA		
21	Abhiyan	Wipro	3,20,000 LPA		
22	Ramachandra	ATOS	3,10,000 LPA		
23	Sharanya Shree S	ATOS	3,10,000 LPA		
24	Harsha S	ATOS	3,10,000 LPA		
25	Sai Dutt	ATOS	3,10,000 LPA	Tally Solutions	6,00,000LPA
26	Neeraj V	ATOS	3,10,000 LPA		
27	Shruthi S R	ATOS	3,10,000 LPA	Siemens	5,50,000LPA
28	NAVEEN KUMAR S	OFSS	4,75,000 LPA		
29	APPANNA B PRAKASH	OFSS	4,75,000 LPA		
30	Shilpa Kamath	PwC	3,50,000LPA		
31	Harshul Kothari	PwC	3,50,000LPA	Philips	
32	Harshitha	PwC	3,50,000LPA		
33	Amarthya	PwC	3,50,000LPA		
34	Gunjan B	PwC	3,50,000LPA		
35	Arpitha D	Siemens	5,50,000LPA		
36	Ashwini Raj	Mooly Software	2,70,000LPA		
37	Samved Hegde	Mooly Software	2,70,000LPA		
38	Ankita Attavar	HP Tech Support	3,00,000LPA	Sheffield University	Higher Studies
39	Syed Furqan Azeez	Harman	4,00,000 LPA		
40	Brinda P	HP Tech Support	3,00,000LPA	DXC Technolgies	2.64LPA
41	Praveen Kumar T M	tekinfosystems	3,35,000LPA		
42	Chandana B N	ClearTax	3,80,000LPA		
43	Pooja	ClearTax	3,80,000LPA		
44	Rahul Kumar Jha	ClearTax	3,80,000LPA		

## Final Year Project List 2017-18

Sl.No.	Group No.	Students Name	Students USN	Project (Title)	Guides Name & Signature
1	B1	AMARTYA SINGH	1BY14IS004	Automated attendance system using finger print scanning.	Dr. S.K.Pushpa
2		T.V. MRUNAL	1BY14IS052		
3		C. SUHAS	1BY14IS011		
4		SYED FURQAN AZEEZ	1BY14IS049		
5	B2	ADISH MANANDHAR	1BY14IS065	Hand gesture recognition using Machine Learning	Mr. Gireesh Babu C N
6		PRAGYAN SHAKYA	1BY14IS069		
7		PRAJESH NIRLAULA	1BY14IS070		
8		RAHUL KUMAR JHA	1BY14IS037		
9	B3	B RACHANA	1BY14IS008	Smart communication for differently abled	Ms. Shanthi D L
10		N RASHMI	1BY14IS031		
11		RISHIKA MALLI	1BY14IS038		
12		S R SHRUTHI	1BY14IS042		
13	B4	B N CHANDANA	1BY14IS009	Autonomous weather report broadcasting to vehicles in urban areas using VANET	Ms. Swetha M.S
14		M DEEPIKA	1BY14IS026		
15		KRISHAN KUMAR	1BY15IS406		
16		RITESH KUMAR	1BY14IS039		
17	B5	HARSHITHA NEELAKANTA	1BY14IS017	Smart irrigation crop prediction using WSN & M/C learning	Ms. Shanthi D.L
18		M SOWMYA	1BY14IS024		
19		MOHD AIMAN JAFFER	1BY14IS030		
20		MONISHA	!BY15IS408		
21	B6	GREESHMA SHETTY	1BY14IS014	Real time workflow conversion for integrated digital healthcare solution	Mr. Gireesh Babu
22		APPANNA B PRAKASH	1BY14IS006		
23	B7	GEETHA J	IBY15IS402	Smart bus track using IoT	Mrs. S. Mahalakshmi
24		M MRUDULA	1BY14IS027		
25		SANGEETA JAIPRAKASH HEGDE	1BY14IS045		
26		LAKSHMI	IBY15IS406		
27	B8	Y G RAJASHREE	1BY14IS062	Automatic license plate recognition for real time videos	Ms. Mahalakshmi .S
28		T ARCHANA	1BY14IS050		
29		D ARPITHA	1BY14IS012		
30		PRIYA G	1BY12IS401		
31	B9	M ASHWINI RAJ	1BY14IS025	Skin Cancer Prediction using	Ms. Bhavya G

32		ANKITA ATAVAR	1BY14IS005	Machine Learning	
33		POOJA	1BY14IS035		
34		PRIYA ASHOK LENKENAVAR	1BY14IS036		
35	B10	V NEERAJ	1BY14IS055	Biometric in Anthropomorphic Robotics	Dr. Manjunath T N
36		SHANKAR KANTHARAJ	1BY14IS046		
37		ABHISHEK BHADRA	1BY14IS003		
38		A PRANAV KUMAR	1BY14IS001		
39	B11	USHA	1BY14IS054	Retail Price analytics using SVM	Mr. Chandrashaker K T
40		V VEENA	1BY14IS056		
41		VATSALA SHANBHAG	1BY14IS059		
42		KARTHIK N	1BY14IS405		
43	B12	SAI DUTT	1BY14IS043	Developing an ERP for all calibration services for Flutech Engineering Pvt. Ltd.	Mrs. Ashwini N
44		PRAVEEN KUMAR T M	IBY15IS409		
45		ASHWINI K	IBY15IS400		
46		SUDHARSHAN U	IBY15IS410		
47	B13	V G S RAMACHANDRA	1BY14IS057	Alert System for Railway Track Breakage	Ms. Ashwini N
48		P NIKITHA	1BY14IS034		
49		P BRINDA	1BY14IS033		
50		HARISH S	1BY14IS409		
51	B14	S SARANYA SHREE	1BY14IS041	Pollution monitoring and notification system	Ms. Vinuth K
52		SHILPA KAMATH	1BY14IS047		
53		D S RUTHVIK	1BY14IS013		
54		MEGHANA MS	1BY14IS403		
55	B15	BINDU YADAV MUNIRAJU	1BY14IS010	A mechanism to support self directed learning of web technologies	Ms. Bhavya G
56		H L ABHILASH NARAYAN	1BY14IS016		
57		S HARSHA	1BY14IS040		
58		SURAJ	1BY14IS048		
59	B16	AKASH DUTT	IBY14IS071	Arduino based healthcare system	Veena N
60		AYUSH KUDESIA	1BY14IS007		
61		HARSHAL KOTARI	1BY14IS018		
62		KALASH KHATOR	1BY14IS022		
63	B17	JUTUR AKHIL	1BY14IS020	Predicting sentiment and summary using Machine learning methods for mass media	Mr. Chandrashaker K T
64		K CHIRAG HEGDE	1BY14IS021		
65		MANDEEP RANA	1BY14IS029		
66		NAVEEN KUMAR S	1BY14IS032		
67	B18	GUNJAN BOBADE	1BY14IS015	Secure Auction Portal	Mrs. Ashwini N
68		VIKSHIT SHARMA	1BY14IS061		

69		ABHAY SOMANI	1BY14IS002		
70		SYED SABEEL	1BY12IS409		
71	B19	ARPAN KARKI	1BY14IS067	Converting Thoughts to text using EEG Headset	Veena N
72		ABHIYAN TIMILSINA	1BY14IS064		
73		VARIKUTI INDRA KUMAR REDDY	1BY14IS058		
74		SAMVED D HEGDE	1BY14IS044		

## Final Year Seminar List 2017-18

Sl.No.	Group No.	Students Name	Students USN	Technical Seminar Topic	Guides Name
1	B1	AMARTYA SINGH	1BY14IS004	“Performance Analysis of Naive Bayes and Nearest Neighbour Classification Algorithm for Data Classification	Dr. S.K.Pushpa
2		T.V. MRUNAL	1BY14IS052	Natural Language Processing for language Understanding	
3		C. SUHAS	1BY14IS011	Authentication Scheme for Telecare Medical Information Systems	
4		SYED FURQAN AZEEZ	1BY14IS049	Hololens in augmented reality	
5	B2	ADISH MANANDHAR	1BY14IS065	Text to Speech Synthesis	Mr. Gireesh Babu C N
7		PRAJESH NIRLAULA	1BY14IS070	A study on HOLOLENS-Welcome to the world of mixed reality	
9	B3	B RACHANA	1BY14IS008	Cyber Security	Ms. Shanthi D L
10		N RASHMI	1BY14IS031	INDUSTRY 4.0: THE FUTURE OF SMART FACTORY	
11		RISHIKA MALLI	1BY14IS038	Bitcoin : SWOT Analysis and its Application	
12		S R SHRUTHI	1BY14IS042	BLOCKCHAIN	
13	B4	B N CHANDANA	1BY14IS009	Authentication concepts and Protocol in Manet	Ms. Swetha M.S
14		M DEEPIKA	1BY14IS026	Interference Tracking in Manets using Multilayer Perceptron Neural Network	
15		KRISHAN KUMAR	1BY15IS405	Attacks in Manet ( Mobile Ad Hoc Networks)	
16		RITESH KUMAR	1BY14IS039	Routing Protocol in MANET	
17	B5	HARSHITHA NEELAKANTA	1BY14IS017	Virtual Personal Assistants (Apple Siri, Amazon Alexa)	Ms. Shanthi D.L
18		M SOWMYA	1BY14IS024	Peer-to-peer file transferring using BitTorrent	
19		MOHD AIMAN	1BY14IS030	Analysis of various	



		JAFFER		cryptocurrency systems	
20	B6	GREESHMA SHETTY	1BY14IS014	Dragnet: an amateur drone surveillance using cognitive IoT	Mr. Gireesh Babu
21		APPANNA B PRAKASH	1BY14IS006	Disease prediction using a machine learning approach	
22	B7	GEETHA J	IBY15IS402	Smart city implementation models using IoT	Mrs. S. Mahalakshmi
23		M MRUDULA	1BY14IS027	Hyperloop Transportation System: Analysis, design, control and implementation	
24		SANGEETA JAIPRAKASH HEGDE	1BY14IS045	Ontology based information extraction from resume	
25		LAKSHMI	IBY15IS406	Smart sensor networks technologies and applications for Green growth	
26	B8	Y G RAJASHREE	1BY14IS062	Study of deep learning algorithms for ALPR	Ms. Mahalakshmi .S
27		T ARCHANA	1BY14IS050	E-waste Management System	
28		D ARPITHA	1BY14IS012	Study of iot devices for object detection	
29		PRIYA G	1BY12IS401	Multi parameter health monitoring watch	
30	B9	M ASHWINI RAJ	1BY14IS025	Google Brain	Ms. Bhavya G
31		ANKITA ATTAVAR	1BY14IS005	IOT Implementation In HealthCare	
32		POOJA	1BY14IS035	Deep Learning	
33		PRIYA ASHOK LENKENNAVAR	1BY14IS036	Soft Computing	
34	B10	V NEERAJ	1BY14IS055	Virtual reality, implication, Design and applications	Dr. Manjunath T N
35		SHANKAR KANTHARAJ	1BY14IS046	Image processing, computer vision and machine learning	
36		ABHISHEK BHADRA	1BY14IS003	Browser Security	
37		A PRANAV KUMAR	1BY14IS001	Life detection system during natural calamity	
38	B11	USHA	1BY14IS054	Youtube data analysis using Hadoop Mapreduce	Mr. Chandrashaker K T
39		V VEENA	1BY14IS056	Graph processing with Apache Flink	
40		VATSALA SHANBHAG	1BY14IS059	Apache Storm [real time sentimental analysis of twitter]	
41		KARTHIK N	1BY14IS405	Apache Spark [ UBER data Analysis using Apache park ]	
42	B12	SAI DUTT	1BY14IS043	Self driving cars powered by AI	Ms. Ashwini N
43		PRAVEEN KUMAR T M	IBY15IS409	7D holographic technology	
44		ASHWINI K	IBY15IS400	6th sense technology	
45		SUDHARSHAN U	IBY15IS410	Ransomware attack	

46	B13	V G S RAMACHANDRA	1BY14IS057	Hadoop	Ms. Ashwini N
47		P NIKITHA	1BY14IS034	Cyborg	
48		P BRINDA	1BY14IS033	EnOcean	
50	B14	S SARANYA SHREE	1BY14IS041	Smart Security Solution for Women based on Internet of Things (IOT)	Ms. Vinuth K
51		SHILPA KAMATH	1BY14IS047	Rapid detection of IED light emission for activating head protection system	
52		D S RUTHVIK	1BY14IS013	A Low Cost sensor Based Autonomous and Semi-Autonomous Fire Fighting Squad Robot	
53		MEGHANA MS	1BY14IS403	Millimeter Wave Mobile Communications for 5G Cellular	
54	B15	BINDU YADAV MUNIRAJU	1BY14IS010	Skinput Technology	Ms. Bhavya G
55		H L ABHILASH NARAYAN	1BY14IS016	Securing Internet of Things	
56		S HARSHA	1BY14IS040	Google Glass	
57		SURAJ	1BY14IS048	Two Factor Authentication	
58	B16	AKASH DUTT	1BY14IS071	Analysis of Naïve Bayes and KNN Algorithms using R	Veena N
59		AYUSH KUDESIA	1BY14IS007	Analysis of Linear Regression and Multilinear Algorithm using R-Tool	
62	B17	JUTUR AKHIL	1BY14IS020	Fee management system using Java Servlets and JSP	Mr. Chandrashaker K T
63		K CHIRAG HEGDE	1BY14IS021	Case study using Springs and Hibernates	
65		NAVEEN KUMAR S	1BY14IS032	Blockchain: A Distributed Multi-utility digital phenomenon that might, oneday, be the answer for most of societies problems	
66	B18	GUNJAN BOBADE	1BY14IS015	PREDICTIVE ANALYSIS USING K-MEAN ALGORITHM AND REGRESSION ALGORITHM	Mrs. Ashwini N
67		VIKSHIT SHARMA	1BY14IS061	Universal platform for windows operating system	
68		ABHAY SOMANI	1BY14IS002	SMS SPAM detection using machine learning algorithm and comparison of various machine learning algorithms	
69		SAI DUTT	1BY14IS043	Autonomous driving cars powered by AI	
70	B19	ARPAN KARKI	1BY14IS067	Comparisons of Linear and multi-linear regression prediction algorithms using Weka tool	Veena N
71		ABHIYAN TIMILSINA	1BY14IS064	Comparisons of back propagation and feed forward Neural	

				networks prediction algorithms using Weka tool	
72		VARIKUTI INDRA KUMAR REDDY	1BY14IS058	Performace Analysis of Naïve Bayes and MLP Classification Algorithm for Data Classification	
73		SAMVED D HEGDE	1BY14IS044	Comparisons of Naive bayers and nearest neighbor prediction algorithms using Weka tool	

## Sports

Faculty members prof.S.Mahalakshmi, Prof.Vinutha.K, Mrs.Amutha, Mrs.Arptha has won runner up in Faculty Throwball match at BMSIT&M on 7<sup>th</sup> February 2018.



Mr.Rohith.Y of 6th sem ISE won the VTU North Zone cricket tournament on 6-12th March 2018.



Won the VTU North Zone cricket tournament

Mr.Rohith.Y of 6th sem ISE Secure 2nd Place in the VTU Inter Zone cricket tournament on 20-24th March 2018.



Runner up in the VTU Inter Zone Cricket tournament

Mr.Agneya Koushik of III sem ISE has won 1st prize in gaming event Taiwan Excellence counter strike conducted in Mumbai.And won the Twolacs Rupees.



Mr.Agneya Koushik of III sem ISE has won 1st prize

# Student Achievement

1. Appanna B Prakash and Greeshma Shetty under the guidance of Mr. Gireesh Babu C N presented a paper title “A MACHINE LEARNING APPROACH FOR DISEASE PREDICTION” in OUCIP, Hyderabad-24th June 2018.
2. Neeraj V, under the guidance of Dr. Manjunath T N, Dr. Pushpa S.K presented a paper title “A Study on Virtual Reality Applications” in CSEIT, - NCEIS – 2018
3. Shankar Kantharaj, under the guidance of Dr. Manjunath T N, Dr. Pushpa S.K presented a paper title “A Study on Recent Trends in Multimedia Communication” in CSEIT, - NCEIS – 2018
4. Prof. Swetha M S and Mr. Krishna kumar Published a paper on “A Survey on Different Types of MANET Attacks in OSI Model” International Journal for Innovative Research in Science & Technology (IJIRST) Vol. 4, Issue 11, May 2018, (Online)- 2349-6010- Impact Factor: 4.371.
5. Prof. Swetha M S and Dr. Manjunath T N and Ms Chandanna B N Published a paper on “Substantiation Concepts and EIMKM Method for Enhancing Security in MANET ” IAETSD Journal for Advanced Research in Applied Sciences (UGC Approved Journal) May-2018, Volume-05, Issue NO-5 ISSN- 2394-8442 Impact Factor 5.
6. Prof. Swetha M S and Ritesh Kumar Published a paper on “Assessment of Different Routing Protocols in MANET (Mobile-Ad Hoc Network)” International Journal for Innovative Research in Science & Technology (IJIRST) Vol. 4, Issue 11, May 2018, (Online)- 2349-6010- Impact Factor: 4.371
7. Mohd. Aiman Jaffer, Harshitha Neelakanta, M Sowmya, Monisha Dinesh under the guidance of Mrs. Shanthi D.L, presented a paper title “Comparative Analysis of Smart Irrigation and Crop Prediction using Wireless Sensor Networks and Machine Learning”, in International Journal for Research in Applied Science & Engineering Technology (IJRASET) ISSN: 2321-9653; IC Value: 45.98; SJ Impact Factor: 6.887 Volume 6 Issue V, May 2018.
8. Rachana B, under the guidance of Mrs. Shanthi D.L presented a paper title “Cyber Security: Ransomware Infects the Cloud” in International Journal of Science and Research (IJSR) ISSN (Online): 2319-7064 Index Copernicus Value (2016): 79.57 | Impact Factor (2017): 7.296

9. Rashmi N, under the guidance of Mrs. Shanthi D.L presented a paper title “Industry 4.0: The Future of Smart Factories” in International Journal for Research in Applied Science & Engineering Technology (IJRASET) ISSN: 2321-9653; IC Value: 45.98; SJ Impact Factor: 6.887 Volume 6 Issue V, May 2018
10. Shruthi S R, under the guidance of Mrs. Shanthi D.L presented a paper title “Blockchains” International Journal of Science and Research (IJSR) ISSN (Online): 2319-7064 Index Copernicus Value (2016): 79.57 | Impact Factor (2017): 7.296
11. Harsha S, under the guidance of Mrs. Bhavya G published paper title "Google Glass " May-June 2018, vol 4 issue 3. in international journal on advance research ideas and innovations in technology.
12. Abhilash, under the guidance of Mrs. Bhavya G published paper title " SECURING INTERNET OF THINNGS IN MILITARY ", Volume 4,Issue 6, June 2018 in IJSART
13. Suraj, under the guidance of Mrs. Bhavya G published paper title " Two factor Authentication ", Volume 4,Issue 6, June 2018 in IJSART.
14. Ravi Kumar B N , Ruthvik D, under the guidance of Mrs. Vinutha K published paper title “A Low-Cost Sensor Based Autonomous And Semi- Autonomous Fire-Fighting Squad Robot” IJSART - Volume 4 Issue 5 – MAY 2018, ISSN [ONLINE]: 2395-1052.
15. Ravi Kumar B N , Saranya Shree S, under the guidance of Mrs. Vinutha K published paper title “Smart Security Solution For Women Based On Internet Of Things” IJSART - Volume 4 Issue 5 – MAY 2018, ISSN [ONLINE]: 2395-1052.
16. Praveen Kumar T M under the guidance of Mrs. Ashwini N published a Research Paper with title“A Study on Designing 7D Holography” Published in International Journal of Trendin Scientific Research and Development (IJTSRD),Vol-2|Issue-4(May-Jun-2018).With Impact Factor 4.101forthe year of 2018 by I2OR
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18. . Prof S.Mahalakshmi and Ms.Archana has published a paper on “Study on E-waste Management Methodology” in International Journal for Research in Applied Sciences

19. Prof S.Mahalakshmi and Ms.Rajashree has published a paper on Study of Deep Learning Algorithms for Automatic License Plate Recognition (ALPR)”,in International Journal for Research in Applied Sciences and Engineering Technology (IJRASET),vol 6, issue 5, May 2018, ISSN: 2321-9653 Page No. : 1535-1539, DOI : 10.22214/ijraset.2018.5249
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21. Prof S.Mahalakshmi and Ms.Geetha has published a paper on “ Smart City Implementation Models Using IoT” in International Conference on Advances in Communication,Information and Computing Technologies(ACICT) on 3<sup>rd</sup> & 4<sup>th</sup> May 2018 in East west Institute of Technology, Bangalore.
22. Prof S.Mahalakshmi and Ms. Sangeetha has published a paper on “ Ontology based Information Extraction from Resumes” in International Conference on Advances in Communication,Information and Computing Technologies(ACICT) on 3<sup>rd</sup> & 4<sup>th</sup> May 2018 in East west Institute of Technology.
23. Prof S.Mahalakshmi and Ms.Arpitha has published a paper on “ Study of IoT sensors for vehicle detection” in International Conference on Advances in Communication, Information and Computing Technologies(ACICT) on 3<sup>rd</sup> & 4<sup>th</sup> May 2018 in East west Institute of Technology.



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