



### MESSAGE FROM THE CHAIRMAN

**Mr. V. Nagaraj**

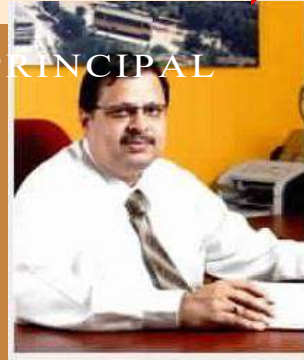
The pressure of competition is persistently increasing with the overall changes in the education sector. The path towards privatization, liberalization and globalization across the world accredited educational institutions recognize the need for alternatives of different dimensions. Not a day passes without policy makers calling for a dramatic expansion of our university system, to meet the aspirations of a rapidly growing population of young Indians. The need for expansions in widely recognized and accepted.

In recent years, several new schemes have been introduced to attract and support young teachers and researchers who choose to explore career opportunities in academic institutions.

This newsletter throw light on the nature of different skills and methodologies in research and development that all the readers of professional background/courses need to improve in order to become successful in their prospective professional carrier. I am sure this effort will go a long way in providing the readers, a quick awareness in their specialized area.

### MESSAGE FROM THE PRINCIPAL

**Dr. H. G. Chandrakanth**



SaIT Elite, is a knowledge platform representing the varied creativity of students & staff of the academic institution. It's my pleasure to congratulate all the students & faculty members who have made this newsletter possible. In this context, it is quite be fitting that the newsletter for an engineering institution is brought out to spread the news about the department activities in the college. I hereby congratulate the educational board and all the team members for leading the task & wish them an enchanting experience in many ways

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## MESSAGE FROM THE CHIEF EDITOR



**Dr. Latha P. H**

It gives me immense pleasure to welcome you all to the tenth Issue of SaIT Elite News. It is my expectation that SaIT Elite newsletter will give our young, students & staff and academic voice and a venue for discourse that will move us forward intellectually. Ultimately, any academic endeavor must begin and end with the interests of our Learners in mind. I believe SaIT news will play an important role in improving the reader's knowledge and skill.

Initial thanks go to Chairman Mr.V. Nagaraj for providing the opportunity to make the tenth issue a great start and the reality. I thank all the Head of the Various Dept. who took initiative to make this a successful one.

I thank The Principal, who helped to ensure that the goal of creating and publishing the first issue would be realized. We sincerely hope that members of Editorial Board shall take full advantage of this service and also the encouraged to publish the Department activities and developments in the SaIT Elite News.

### EDITORIAL BOARD MEMBERS

- 1) Ms. Namita Amdalli, Assistant Professor, Dept. of ISE
- 2) Mrs. Yoganandini, Assistant Professor, Dept. of ECE
- 3) Mrs. Pooja Vinod, Assistant Professor, Dept. of CSE
- 4) Dr. Mallikarjun U B, Professor, Dept. of Civil Engg.
- 5) Mr. M. V. Chakrapani, Associate Professor, Dept. of Mechanical Engg.
- 6) Ms. Ranjitha K, Assistant Professor, Dept. of Basic Science
- 7) Mrs. Rashmi Rajiv, Head - Training and Placement, Central Placement Cell

### STUDENT CO-ORDINATORS

- 1) Nanda Kumar P, Dept. of ISE (6<sup>th</sup> SEM)
- 2) Varshitha N S, Dept. of ISE (6<sup>th</sup> SEM)

### College Ranking

Careers360 - AAA Rating

Careers360 - AA+ Rating

Business India - A+ Rating

T School - 35th Rank

The Week - 56th Rank (South Zone)

The Week - 84th Rank (All India)

Outlook - 94th Rank



## DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

The Department of Computer Science Engineering (CSE) has grown exponentially over the last few years, evolving to meet demands of the 21<sup>st</sup> century. It is the study of the theoretical foundation of information and computation of practical techniques for the implementation, an application in computer system. The programme gives the students a firm footing into the intricacies of its technology such as circuits, design, structures language, processors, operating systems, database management, simulation and modeling. The engineers of computer science find themselves at a very advantageous position in the carrier field. Manufactures of computer, electronic gadgets, communication products, highly specialized processors such as in automobile, aircraft, satellite, shipping etc. requires trained computer science engineers.

### Faculty members awarded PhD

Dr. Praveen Kumar K.V. has been awarded PhD from Reva University in “Energy Efficiency & Reliable Routing for WSN” on 06-12-2018.

### Industrial Visit

The student of CSE (60 students) with 2 faculty members are visited to Air Force Technical College Jalahalli west Bangalore on(09-10-2018)



### Workshop/Tech Talk /Seminar Conducted

1) Two-day workshop was conducted on IOT in the Dept of CSE from 28<sup>th</sup> to 29<sup>th</sup> sept 2018 by Ms. Kareem Unissa, Managing Director, Mr. BabaFakruddin Ali, Technical Head and team from Nano Robotics Embed Technologies, Mathikere, Bangalore with participation of 108 students from CSE and ISE dept.



2) Technical talk conducted on "Machine Learning" at MCA seminar Hall on 17<sup>th</sup> September 2018 by Mr. Vamshi, senior quality Analyst, Sapiens, India. The students were introduced to vibrant fields such as Artificial Intelligence and machine Learning.



### Publications

1) Prof. Vani B has Published the paper titled “A Survey on: Effective Content Oriented Regular Language Search for Cloud Storage” IJISSET volume 5 Issue 10 October 2018

### Events

The department of CSE conducted Toppers prize distribution ceremony “**Prathibha Puraskara**” on 14<sup>th</sup> Nov 2018 at Sri Venkatesh Auditorium, chief guest Dr. K. Balaveerareddy Chairman NIT, Chief Patron Sri V. Nagaraj Chairman, SGI presided by Dr.H. G Chandrakanth Principal SAIT.

### Memorandum of Understanding(MOU):

The department of CSE has signed the MOU's and with “NANO ROBOTICS EMBED TECHNOLOGIES “on 17-10-2018 and also with ATS InfoTech Pvt Ltd on 20-11-2018.

### Workshop /FDP/Conference attended

1) Prof Srikanth.S. P attended one-day seminar on Free and open source solutions for educational Institutions on 1st September at VTU Regional Office, Bangalore.

2) Prof Srikanth.S. P attended Workshop on Innovative Approaches for teaching and Evolution on 20th September at IBS Bangalore Campus

3) Prof Soumya. B attended 2-day workshop on machine learning at Saptagiri College of Engineering, on 30th-31st January 2019.

4) Prof Manasa attended 2-day workshop on machine learning at Saptagiri College of Engineering, on 30th-31st January 2019

### Student Placement

1) Advanced Business & Health, 1 student selected 3.7 LPA

2) Infosys, 11 student selected 3.6 LPA

3) Wipro, 7 student selected 3.5 LPA

4) Accord Software & System, 1 student selected LPA

5) Tata Consultancy Services Ltd, 6 student selected 3.36 LPA

6) SLK SOFTWARE, 3 student selected 2.82 LPA

7) Terralogic Software Solution Pvt Ltd, 2 student selected 3.2 LPA

8) L & T Infotech, 1 student selected 3.33 LPA

9) Syntellect, 9 student selected 3.1 LPA

10) Mphasis, 4 student selected 2.25 LPA

11) Armentum, 17 student selected 2.2-2.4 LPA.

### Student Project Funded by KSCST

Science Analysis for Visually Impaired under the guidance of Prof. Narayan.

### Student Achievements

1) The department of CSE student Karthik C (VII sem) has attended the Neural Hack 2K18 on November 2018 and secured 8<sup>th</sup> place.



**DEPARTMENT OF ELECTRONICS & COMMUNICATION  
ENGINEERING**

**Research Details:**

1) Prof. Bhagirathi Bai has registered for research(VTU) in the year 2013, in the area of Industrial Automation under the guide Dr. H. G Chandrakanth.

2) Prof. K Ezhilarasan has registered for research (Jain University) in the year 2013, in the area of Image Processing & VLSI under the guide Dr. D. Jayadevappa.

3) Prof. C. Rangaswamy has registered for research(VTU) in the year 2014, in the area of Image Processing under the guide Dr. Rekha.

4) Prof. Rajashekhar B S has registered for research (Reva University) in the year 2015, in the area of Signal Processing under the guide Dr. Ashok Kusagur.

5) Prof. Yoganandini has registered for research(VTU) in the year 2016, in the area of Renewable energy sources under the guide Dr. Anitha.

6) Prof. Kumbar Tripti has registered for research(VTU) in the year 2016, in the area of Speech Processing under the guide Dr. Vaishali V Patil.

7) Prof. Pranitha Palsapure has registered for research(VTU) in the year 2016, in the area of Speech Processing under the guide Dr. Vaishali V Patil.

8) Prof. Mahitha Bhas registered for research(VTU) in the year 2017, in the area of Wireless sensor network under the guide Dr. Veena C. S

**Conference/Journals/ FDP  
Presented/attended/Published/ conducted:**

1)International Journal Paper Published ICTACT-IJIVP, Prof. K. Ezhilarasan Performance Analysis of Image Compression Based on Fast Fractional Wavelet Transformed combined with SPIHT for Medical Images, Vol.8, No.3, pp.11722-1729 2018.

2) International Journal paper published, IJPA, Prof. K. Ezhilarasan - An Efficient FPGA Implementation of Fast Lifting Wavelet Transform for Lossless Image Compression, vol. 119, no. 14, pp. 145–153, 2018.

3) International Journal paper published, IJPA, Prof. K. Ezhilarasan - A Survey on Error Free Image Compression for Various Coding and Transform Techniques, vol. 119, no. 14, pp. 133–144, 2018.

4) International Journal paper published, JCTN, Prof-Rangaswamy-Feature Extraction from segmented lung images and feature selection through soft set based approach, Vol 15 3248-3253,2018.

5) Inauguration function, ISTE –SaIT student chapter Inauguration function conducted in SaIT, Dr. Ravishankar Prof Yoganandini.A. P, 26/10/18.

**Cultural activities:**

1)Cultural activity-program attended, Rangoli competition at BMCR Institute, Bangalore, Student chitrangali tanwar of V-A from ECE dept. got First prize, 4/10/18.

2) Cultural activity attended, KSTA building Inauguration and conducted Quiz, pencil sketch and drawing, Student Chitranjali Tanwar from ECE dept. got 3<sup>rd</sup> prize in drawing, 10/10/18.

3) Cultural activity conducted, Promotion of kannada film “Yarrige Yaaruntu”, At Venkatesh auditorium-SAIT, 10/10/18.



### **Industrial visit:**

1) BIEC-Bangalore, 5<sup>th</sup> and 7<sup>th</sup> sem 100 students from ECE dept. with three faculties Prof. Rangswamy & Rajashekar & Geetha, 27/9/18.



2) World space week celebration at ISRO, 4 students with Prof. Yoganandini.A. P, 9/10/18.

### **Workshop Conducted:**

1) IOT based Cloud computing organized by, Prof.Gunasagari and Prof. Rajini, 28<sup>th</sup> Oct 2018 at ISM.

2) Aerospace and Defence at VTU regional office, All VIIth sem from ECE dept. on 3/10/18 to 5/10/18 and 9/10/18 to 11/10/18



Three days Orientation Program on Aerospace & Defence Domain in Association with Centre of Excellence in Aerospace & Defence

### **Student achievements**

1) Teleposium, Circuit Debugging (1st Prize) by Amar Ganapathi Hegde on 30th

Oct 2018, at the Sir MVIT

2) KSTA-Science and Technology for sustainable Future, Painting Competition Chitranjali Tanwar- got first prize on 10th Oct 2018.

### **List of BE (ECE) student project funded**

1) Emergency detection and monitoring the daily routine of the cattle using IOT, under the guide Prof. K. Ezhilarasan

2) Electronic based artificial intelligent system for milk quality analysis, under the guide Prof. Rajashekar B S.

3) ELECTROMATED FISH (Funded by IEEE-Bangalore Section-SIP), under the guide Prof. K. Ezhilarasan.



Training on Disaster management and CPR Conducted from IEEE-SaIT student chapter from ECE dept. on 23/11/2018 in association with IEEE. Session chairman Dr. Rajesh M S and Mr. Sunand Sampath.

### **Student Placement**

1) Armementumn, 6 students selected, 2.2LPA

2) Infosys, 3.6LPA

3) IBM, 3.8LPA

## DEPARTMENT OF INFORMATION SCIENCE & ENGINEERING

### Faculty Members Registered for PhD

- 1) Mr. Basavaraj G N in the area of Optimization energy efficiency in WSN under the guide Dr. Jaidhar in 2013
- 2) Mr. Rajkumar in the area of Power Efficiency, under the guide Dr. H. G. Chandrakanth, in the year 2013.
- 3) Mr. Vishruth B G, registered for PhD under the guide Dr. M. T. Gopalakrishna. in the year 2018

### Publications

- 1) Dr. Latha P H has published “A Power Efficiency Authentication Model for E-Healthcare System Security Concerns in Context to Internet of Things (IoT), The CSOC paper accepted.
- 2) Mr. Rajkumar has published “Energy Efficient Routing Clustering Algorithms for Wireless Sensor Networks”, Int. J. Advanced Networking & Applications Volume:10 Issues:03, ISSN:0975-0290
- 3) G N Basavaraj has published
  - “H-LEACH protocol with modifier cluster head selection for WSN,” 2017 International Conference on Smart Technologies for Smart Nation, Bangalore
  - “Energy Efficient Clustering Algorithm using Cross Layer for WSN”, Scopus journal (IJAER) ISSN:0973-4562
  - “Intersecting Sensor Range Cluster-base routing algorithm for enhancing energy in WSN” (IJANA) ISSN: 0975-0282

### Workshop /FDP/Tech Talk/Conference attended

- 1) “IP-V6 Short Term Program” conducted from 27-08-2018 to 31-08-2018 held at

NITK Surathkal, attended by Prof. Basavaraj G N.

- 2) Red Hat Certification course by Prof. Radha Krishnan from 10/12/18 to 24/12/18.
- 3) “Google Cloud Platform Technical Training” by Rochana Golani (Google cloud trainer), attended by Prof. Indi Jayashree M
- 4) “A Practical Implementation of IOT using Python and Raspberry Pi” ISM UNIV, Rajajinagar Bangalore on 19-01-2019, attended by Assistant Prof. Namita Amdalli.

### Workshop /FDP/Tech Talk/Conference conducted

- 1) FDP program on Machine Learning, by Assistant Prof. Namita Amdalli.



- 2) IPV6 Networking Fundamentals on 14-11-2018, conducted by Prof. Basavaraj
- 3) Cloud Platform on 22-10-2018, conducted by Prof. Indi Jayashree M
- 4) Data Science with Machine Learning presented by Mr. Vinay Haritsa, Data Scientist Vtricks Technology, on 29-10-2018 to 31-10-2018 for 7<sup>th</sup> sem students
- 5) IEEE Student Chapter-SaIT Soft Skills 2-Days Workshop conducted by Mr. Ananth Raman Chandramouli, Zestech from 25-10-2018 to 27-10-2018







### **Industrial Visit**

Students of 5<sup>th</sup> semester visited the ISRO on 9-10-2018

### **Student Achievements**

- 1) Fashion Show at SEA college of engineering & technology (Seazons 2K18) on August 17<sup>th</sup> 2018 the college team won 1st price and Namitha student of ISE was one of them.
- 2) Yasmin K, recruited in Trend micro company which is Taiwanese MNC Cyber Security & Defence company 4LPA package.

## DEPARTMENT OF MECHANICAL ENGINEERING

### **List of faculties registered for PhD/awarded**

- 1) Prof. B B Manjunath has defended his Doctoral thesis and Convocation awaited from VTU Belagavi.
- 2) Prof R Seetharamaiah has submitted his Doctoral thesis and Defense is awaited from VTU Belagavi.
- 3) Ms. RajaniSudi, Prof A R Manjunath have completed the Comprehensive Viva Voce under the guidance of Dr.P. Sampathkumaran from VTU Belagavi.
- 4) Mr. Aravind, has completed the Comprehensive Viva Voce under the guidance of Dr. H B Niranjana from VTU.

- 3) Arpitha G Desai won 2<sup>nd</sup> prize in Essay Writing competition help by BEL on account of Vigilance Awareness Week on 29-10-18.



- 4) IIT Hyderabad Elin & Envision, ISO certified Android Development Workshop attended by Varshitha N S, Nanda Kumar P.

### **Memorandum of Understanding(MOU):**

Department of ISE has signed the MOU's with Vtricks Tech and also with Zestech.

### **Student Placements**

- 1) Forex and The Forest, 3 students selected 6LPA.
- 2) Tata Consultancy, 3.36 LPA.
- 3) Mphasis, 2.52 LPA.
- 4) Access Technologies, 2.40 LPA.
- 5) Armentum, 10 students selected 2.2-2.4 LPA.
- 6) Wipro, 2 students selected 3.5 LPA.
- 7) Atos System, 2 students selected 3.10 LPA

- 5) Prof. M. V. Chakrapani, Prof Naveen G J and Prof Jagadeesh H have completed their PhD course work examination from VTU Belagavi.
- 6) Prof. M S Shivakumar, Prof Prashanth S and Prof Harsha H B have cleared the VTU PhD Entrance Examination and USN is awaited.

### **Research proposal submitted**

- 1) Prof. Naveen G J, submitted a proposal to Vision Group of Science and Technology, Govt. of Karnataka under Centre of

Excellence in Science, Engineering and Medicine (CESEM)

2) Prof. R Seetharamaiah, submitted a proposal to Vision Group of Science and Technology, Govt. of Karnataka under Faculty Development Program.

### Research paper publications details

#### **Naveen G.J.**

1) "Role of Graphene oxide and addition of MoS<sub>2</sub> in HDPE matrix for improved tribological properties" published in IOP Conference Series: Materials Science and Engineering, Volume 376.

**Co-Authors** - PSampathKumaran, Prajwal Badrinath, S Vynatheya, R R N Sailaja, S Seetharamu, M V Deepthi and H B Niranjana

2) "Investigation of Shot Peening Effect on Titanium Alloy Affecting Surface Residual Stress and Roughness for Aerospace Applications" October 2018 Conference: Second Structural Integrity Conference and Exhibition held at Defence Metallurgical Research Laboratory - Hyderabad and accepted for publication in Procedia Structural Integrity (Elsevier)

**Co Authors** - R K Kumar, P SampathKumaran, S Seetharamu, S Anand Kumar, T Pramod.

3) "Influence of shot peening parameters on surface properties of Ti-6Al-4V using Taguchi technique" October 2018 Conference: Second Structural Integrity Conference and Exhibition held at Defence Metallurgical Research Laboratory - Hyderabad and accepted for publication in Procedia Structural Integrity (Elsevier)

**Co Authors** - S Anand Kumar, P SampathKumaran, S Seetharamu, T Pramod, R K Kumar

4) "Processing and Evaluation of Al6082 based Hybrid Matrix Composites for Fracture Toughness using Taguchi Method" "October 2018 Conference: Second Structural Integrity Conference and Exhibition held at Defence

Metallurgical Research Laboratory - Hyderabad and accepted for publication in Procedia Structural Integrity (Elsevier).

**Co Authors** - N Puneeth, J Satheesh.

### Placements details

The following candidates placed in M/S Axicom consultancy service

1) Pavithra P 2) Pranathi B V

### FDP/SDP/ Conference /Workshop programs conducted or attended

#### **Naveen G.J.**

1) Attended three days VGST sponsored FDP on "Technical Education and Skill Development in INDIA" organized by Department of Mechanical Engineering at Shri. Dharmasthala Manjunatheshwara College of Engineering and TECHNOLOGY, Dharwad from 23<sup>rd</sup> January to 25<sup>th</sup> January 2019.

2) Attended one-day workshop on "Diagnostic testing and Condition Monitoring of Power transformers and Power Cables" organized by National Design and Research Forum and the Institution of Engineers(India) - Karnataka State Centre, Bengaluru on 22<sup>nd</sup> December 2018.

3) Attended two days Indo-US Workshop on "Hazardous Materials Management" organized by R V College of Engineering, Bengaluru in association with Academy of Certificate Hazardous Materials Managers - India Chapter, held from 23<sup>rd</sup> to 24<sup>th</sup> November 2018.

4) Attended two days Conference sponsored and organized by DUCOM Instruments on "High Temperature Tribology - HTTC 2018" at National Institute of Advanced Studies - Indian Institute of Science Campus, Bengaluru from 3<sup>rd</sup> to 4<sup>th</sup> February 2018.

5) Attended one day VTU and IEEE sponsored workshop on "IEEE Intellectual Property Rights 2018" organized by VTU,

Belagavi at VTU Bengaluru Regional Center on 25<sup>th</sup> August 2018.

6) Paper was presented titled “Tribological Response of Betel Nut Powder and Kevlar Based Composites in a Matrix of Poly Carbonate and Acrylonitrile Butadiene Styrene” in the International Conference on Polymer Composites - ICPC 2018 held at NITK Surathkal, December 2018.

### **Dr.P. SampathKumaran**

1) Participated in the one-day Workshop on Metallography for Failure Analysis presented by Dr. George Vander Voort, Consultant to M/s. Struers Ltd., Denmark, Fellow of ASTM International & ASM International and organized by AIMIL Ltd., at Le Meridien in Oct. 2018.

### **Industrial visit by students**

5<sup>th</sup> Semester Students visited National Aerospace Laboratories (NAL) Bengaluru on 29/10/2018 with Faculty Prof D G Manjunath and Prof Harsha H B



### **Achievements of staff/students**

1)Naveen G.J. Receiving the Prestigious Nadaprabhu Kempegowda Award; from the Worshipful Mayor Sri. R. SampathRaj, Civilian award presented by Bruhat Bengaluru Mahanagara Palike, Bangalore Government of Karnataka, for notable contribution in the field of Education in September 2018



2) Prof Padmini B V presented a paper titled “Effect of cryogenic treatment on the tribological properties of aluminium alloys” in the 27th International Cryogenic Engineering Conference - International Cryogenic Materials Conference organized by the British Cryogenics Council and the University of Oxford in partnership with the Science and Technology Facilities Council, on 3<sup>rd</sup> and 7<sup>th</sup> of September 2018 materials on strength & durability of High Performance Concrete”.



Mr. Rupesh Acharaya and Mr. Raviraj  
Students of 7<sup>th</sup> sem

### **Student Achievements**

1)Mr. Rupesh Acharaya and Mr. Raviraj had poster presentation on the title “Development and Evaluation of Betel Nut filler based composite in a matrix of ABS and Polycarbonate for Mechanical Characteristics” Under the guidance of Dr.P. SampathKumaran and Prof. Naveen G J Organized by Indian Institute of Space Science Technology, jointly with Materials Research Society of India (MRSI), Thiruvananthapuram Chapter; from 10<sup>th</sup> -12<sup>th</sup> October, 2018 at Veli, Thiruvananthapuram.

## DEPARTMENT OF CIVIL ENGINEERING

### Faculty members pursuing Research

- 1) Mr. Reddy Gokul T.S, registered for PhD (VTU) in the area “Effect of water Quality on performance of Fly ash-based Geo-polymer mortars”, in the year 2015.
- 2) Mr. Krishnamurthy G.R, registered for PhD (Annamalai University) in the area “Self-Compacting concrete using light weight aggregate with superplasticizers”, in the year 2015.
- 3) Mrs. Shilpa B.R, registered for PhD (VTU) in the area “Dynamic Analysis of 3D building frame considering of soil flexibility”, in the year 2015.
- 4) Mrs. D.M. Suman, registered for PhD (VTU), in the area “Stabilization of rural roads using steel slag, copper slag & its composites”, in the year 2015.
- 5) Mr. Kiran S, registered for PhD (Bangalore University), in the area “Comparision of different Nano based

### Industrial Visit

- 1) Site Visit Reddy Shelters at Yelahanka for 7<sup>th</sup> Semester on 5-10-2018



### Workshops/FDP/SDP/Tech Talk/Conducted /Attended

- 1) Faculty from Career Zone have addressed 7<sup>th</sup> semester students regarding placement opportunities and training on 10-10-2018.
- 2) Dr. R L Ramesh, HOD, Sapthagiri college of Engineering, student chapter coordinator of Indian Concrete institute (ICI) have

addressed the students regarding membership, on 15-10-2018.

- 3) A Technical Talk was conducted on Natural Disasters and their Management by Dr. H.S.M Prakash, Deputy Director General (Rtd.), Geological Survey of India, Bangalore.



### Achievements of Faculty / Students

- 1) One batch of UG project of 8<sup>th</sup> semester was approved by the HRDD, ISTRAC, ISRO Bangalore to carry out the project work in their campus during Feb 2019 to April 2019.
- 2) Another UG project of 8<sup>th</sup> semester (2017-18 batch) titled “Study on E-waste (PCB Boards), bacterial concrete and strengthening of RCC beams by Wrapping technique” has got research excellence award in AMC college of Engineering, Bangalore.
- 3) The same project also won 1<sup>st</sup> prize at PRERANA 2017 on 22-23 Feb, 2019 at Geetham University, Bangalore. The project was guided by Mr. S. Kiran, Assistant professor, CED SaIT.

### Student Activities

- 1) Survey Camp 2019 conducted from 17<sup>th</sup> January to 27<sup>th</sup> January, 2019 at S. S. Ghati, Doddaballapur taluk, Bengaluru Rural District.



2) Engineer's Day was celebrated on 15.09.2018 at R. Venkatesh Auditorium by Civil Engg Department.



## DEPARTMENT OF BASIC SCIENCE

### DEPT. OF CHEMISTRY

The Department of Chemistry organized one-day Workshop on 'Role of Chemistry in Higher Engineering courses' "RCE-2018" for teachers of various engineering colleges across Karnataka affiliated to VTU, Belagavi on 20 January 2018 at Shri R Venkatesh auditorium.

### ENROLLMENT OF Ph.D. In CHEMISTRY DEPT

- 1) Mr. Anil Kumar K V has registered for his Ph.D. under the guidance of Dr. Prithiviraj For the topic entitled "Corrosion Characteristics of Aluminium based Hybrid Composite".
- 2) Mr. Shivaraj Kumar S has registered for his Ph.D. under the guidance of Dr. Pradeep S M for the topic entitled "Synthesis and Characterization of Antimicrobial activities of Metal Complex".

### SEMINARS/WORKSHOP/ CONFERENCE ATTENDED

- 1) Dr. M T Swamy has attended Faculty Development Programme "OBE" held at

Sambhram Institute of Technology, Bangalore from July 25, 2018 to July 27, 2018.

- 2) Mr. Anil Kumar K V has attended workshop at Sir MVIT College, Bangalore.
- 3) 'ROLE OF CHEMISTRY IN HIGHER ENGINEERING COURSES' "RCE-2018" on 20/01/2018.

- Importance of Nano-materials and their applications by Dr. M K Veeraiah.
- Importance of Chemistry in aerospace industry by Dr. K N Murthy
- Advanced Polymer in Engineering & Technology by Dr. M K Veeraiah
- Recent development in corrosion and its control by Dr. K G Manjunatha
- Advanced Engineering materials and their applications by Dr. Kumar

### DEPT. OF PHYSICS

#### Enrollment of PhD in Physics Department

Ranjitha K is pursuing Ph.D. under Dr. V. Annadurai & Dr. Ritu Tomar in the topic entitled "Studies on Structure-Property Relation in Energy Irradiated Varieties of

Silk Fibers Using WAXS Method” registered in 2017. (affiliated to VTU)

### **Seminar/ Workshop/ Conference**

#### **Attended- Physics Department**

1. Ranjitha K attended Workshop on SMART INDIA HACKATHON - 2018 held on 11th January 2018 organized by AICTE at New Horizon College of Engineering, Bengaluru.
2. Ranjitha K attended Faculty Pedagogical Development Programme organized by International Academy for Competency Enhancement, Bangalore on 7<sup>th</sup> January 2018.
3. Ranjitha K Attended Workshop on Outcome Based Education organized by National Programme on Technology Enhanced Learning (NPTEL), DESE, Indian Institute of Science, Bangalore on 26<sup>th</sup> to 28<sup>th</sup> March 2018.
4. Ranjitha K & Jelina Dsouza Workshop on “New Model Curriculum for first year BE/B.Tech-CBCS Detailed Syllabus (2018-19) as per Outcome-Based Education (OBE) format including Course Outcomes(CO) and Blooms Taxonomy” under TEQIP-1.3 for the course Engineering. Physics under Basic Science Board held on 8<sup>th</sup> may 2018 at BIT, Bangalore organized by VTU, Belagavi.

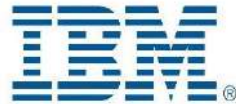
#### **Membership in Professional bodies**

1. Dr. V. Annadurai is permanent member of ISTE.
2. Ranjitha. K is permanent member of ISTE.

### **CENTRAL PLACEMENT CELL**

#### **Highest Placement**

- 1) The highest package is Rs. 6 LPA for this year by FOREX AND THE FOREST.
- 2) SLK Software, 3 students selected, 2.82 LPA.
- 3) Terralogic Software Solutions Pvt Ltd, 2 students selected, 3.2 LPA.
- 4) Tata Consultancy Services Ltd, 6 students selected, 3.36 LPA.
- 5) Mphasis, 4 students selected, 3.1 LPA.
- 6) Syntellect, 9 students, 3.1 LPA.
- 7) Armentum, 12 students selected, 2.2 LPA.
- 8) Virtusa, 3.3 LPA.
- 9) Wipro, 7 students selected, 3.5 LPA.
- 10) Infosys, 11 students selected, 3.6 LPA.
- 11) L & T Infotech, 3.33 LPA.
- 12) Advanced Business & Healthcare Solutions India Private Limited, 3.75 LPA.
- 13) Atos Syntel, 4 students selected, 3.10 LPA.
- 14) Cognizant, 3 students selected, 3 LPA.

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### NSS ACTIVITIES

1) Students from SaIT have visited “Hodaghatta in Madhur” and have completed their NSS Camp service. SaIT has always aimed to serve the society through its NSS Camps.



2) Electrol Club: Initiative Voter ID to all the students of various departments.



3) Awareness programme of Food & Nutrition for primary Govt. school Bettahalli.



News-paper article about SaIT NSS Camp.



4) Blood donation camp organized in association with Lions club, Kridwai Central Hospital, Sambhram Medical College.



6) Oath taken: - We will not waste the food & we will follow the NSS guidelines. Oath is taken in association with Akshayapathra Isckon.



5) Stuffs donated to Kalpavruksha Physically challenged schools, Vidyaranyapura.

