



MESSAGE FROM THE CHAIRMAN



Dr. 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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The human foot is a masterpiece of engineering and a work of art-Leonardo da Vinci

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MESSAGE FROM THE CHIEF EDITOR



Dr. Latha P. H

It gives me immense pleasure to welcome you all to the twelfth 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 Dr. V. Nagaraj for providing the opportunity to make the twelfth 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. Bhagyalakshmi R, 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) Mrs. 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 (8th SEM)
- 2) Varshitha N S, Dept. of ISE (8th SEM)

College Ranking

Careers360 - AAA Rating

Careers360 - AA+ Rating

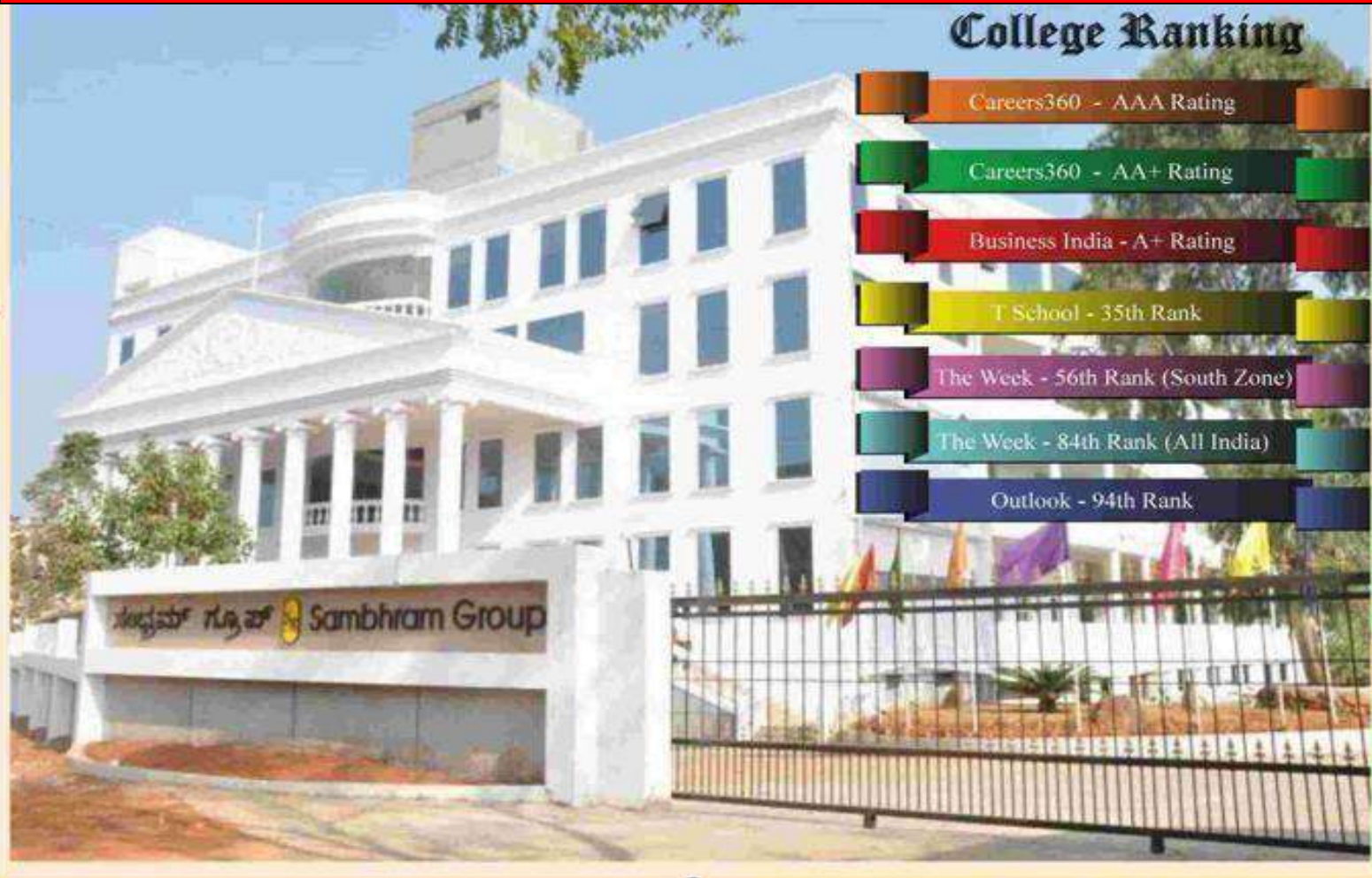
Business India - A+ Rating

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 and Engineering (CSE) has grown exponentially over the last many years, evolving to meet demands of the 21st century. The program 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 their carrier field and an entrepreneur.

Faculty awarded/registered for PhD:

- 1) Dr. Chethana Tukkoji has been awarded PhD from Computer Science and Engineering Research Centre on “Framework for Evaluating the Traffic Management of Big data in Cloud Environment” on 31st December 2019.
- 2) Prof. Rajkumar, Prof. Vani B , Prof. Srinivas B V, Prof. Akram Pasha, Prof. Sunitha Basalingayya and Prof. Usha T, Pursuing PhD from Computer Science and Engineering Research Centre.

Research paper publications:

- 1) Prof. Akram Pasha has published the paper titled “**Efficient Sensory Data Transformation: A Big Data Approach**” at Springer Nature Switzerland, R Silhavy et.al (Eds): CoMeSySo, AISC 1046, pp. 69-82, 2019.

Papers published by faculties:

- 1) Prof. Sunitha B has presented paper in “International Conference on Recent Innovation Trends in Computer Science & Application” on “**Analysis of Multilingual**

Clustering” Held at Ramaiah Institute of Technology on 25th & 26th October 2019.

- 2) Prof. Sowmya B and Ramya J have published paper in “International Journal for Scientific Research and Development”, Volume 7, Issue 11 on “Sentiment Analysis: Classification and Approaches” in January 2020.

- 3) Dr. T. John Peter CISRI 2020: SPRINGER NATURE – call for Book Chapters- Computational Intelligence Methods for Super-Resolution in Image Processing Applications: Convolutional Neural Networks in Healthcare(book Chapter Submitted)

FDP/Workshop/Conference attended by Faculties/Students:

- 1) Prof. Srikanth S P, attended one day workshop on “4g/5g wireless communication” conducted by VTU at VTU regional office Bangalore on 28th November 2019.
- 2) Prof. Srikanth S P, Prof. Divyashree N and Prof. Bhagyalakshmi R attended 3 days of Faculty Development Program on “Data Science with Python” by Mr. Vinay M Haritsa, from Vtricks technology, conducted by Acharya Institute of Technology, Bangalore from 28th - 30th January 2020.
- 3) ATS Group had conducted Microsoft Certification exams on 22nd August 2019 on CPMA platform where 58 students have attended and 41 have cleared.
- 4) Haneesh P student of 5th semester have attended workshop on “Data Science” on

27th August 2019 In WTC Building, Bangalore.

Workshop/Tech talk/Seminar programs Conducted:

1) Motivational talk by our alumni Karthick C.G for 5th sem students on 31st August 2019.



2) Conducted one day workshop on “Competitive programming” by Navdeep Sandhu from “Coding Ninjas” for 5th sem students on 4th September 2019.

3) Conducted one day workshop on “Data Science with R” by Chethana & Swastika Jain from Geetam University for final year students on 17th September 2019.



4) Topic Awareness Program for 3rd sem students by Mr. Manish from “ATS infotech Pvt Limited” New Delhi on 18th September 2019.



5) Conducted two day workshop on “Analytics Landscape with Machine Learning” by Mr. Vinay M Haritsa from “Vtricks Technologies” for 7th sem students on 15th and 16th October 2019.



6) Conducted Technical talk on “Machine Learning and Industrial Perspective” by Mr. Rajeshkumar from “Intel India Ltd” for 5th sem students on 19th October 2019.

7) Conducted two days workshop on “ZP ROBOCAMP” by Shreekanth Naik and Shreyas Reddy from ZeroPoint Robotic Pvt

Ltd for 3rd sem students on 17th and 18th October 2019.

8) Conducted three days workshop on “Machine Learning algorithms and its applications” by Dr. S Rajarajeswari & Mr. Pramod from MSRIT for 7th sem students on 5th, 6th and 7th November 2019.

9) Prof. Srikanth S P of CSE department has given talk on Red hat certification program for CSE & ISE students in Sri R.Venkatesh Auditorium on 12th November 2019.



2) Celebrated Innovation day on behalf of Dr. A.P.J. Abdul Kalam’s birthday on 26th October 2019.

3) Celebrated “World Science Day” on 12th November 2019 and conducted many technical events for all students in CSE department.



Events:

1) Teacher’s day celebration by students on 5th September 2019.



Industrial visit by students:

1) Students of CSE (17 Students) with a faculty member visited ISRO, Satish Dhawan Space Centre (SDSC), Sriharikota, Andhra Pradesh on 24th and 25th September 2019.





Achievements of students in Extra-curricular activities:

1) Following CSE students have participated in different events conducted by ECE department under IEEE student's chapter and won many prizes.

a. In Hackathon, 1st place won by Shreevatsa G Hegde and Yogesh H.K. 2nd place won by Rakshith Gowda G and Raghav S

b. In Tech Hunt, 1st place won by Sagar Dixit, Sanju Kumar and Subratho Maji.

c. In Innovative ideas, 1st place won by Shreevatsa G Hegde and Yogesh H.K.

2) Uday Kumar V of 5th sem have got first prize in Debate Competition held by B.E.L

3) Vidyashree A of 5th sem have got second prize in Essay Writing Competition held by B.E.L

4) 10 students have attended orientation program in "Aircraft and Aerospace Engineering" from 24th - 26th October 2019.

Students project proposal approved for sponsorship by KSCST:

1) The Project "Multi Classification of Brain Tumor Images Using Deep Neural

Networks" Under the guidance of Prof. Vani B.

NSS Activities:

1) Sambhram Institute of Technology organizes the societal beneficial program and helps the poor people in the society like visiting the Ashrams and nearby government schools and conducting medical camps.

2) 15 Students from CSE Department participated in conducting various NSS activities.

Placements details:

1) Placement training conducted details:

- Pre placement training by Quantech origin from 14th to 22nd August 2019 and 24th September to 6th October 2019.

- 240 hrs of training on Data analytics by EXL service.

- Barclays personality development program was conducted for all final year students in the month of October 2019.

- Mr. B K Jha - DRDO scientist motivated final year students about job opportunities in DRDO sector on 23rd September 2019.

- Nasscom ALTRAN training was conducted to final year students for 340 Hrs.

- Infosys CAMPUS CONNECT webinar was conducted on 29th January 2020 for faculties and students.

2) Number of Students placed:

A proud moment of CSE students who got placed in the below mentioned companies:

- TCS, 1 student is placed, 3.2 LPA.

- EVOSYS, 2 students are placed, 3.2 LPA.

- Mindtree, 3 students are placed, 3.5 LPA.
- Accord Global technology, 1 student is placed, 3.6 LPA.
- Embiot Technology, 1 student is placed, 4.2 LPA.
- Cognizant, 6 students are placed, 4.0 LPA.
- Infosys, 10 students are placed, 3.6 LPA.
- Wipro, 1 student is placed, 3.5 LPA.
- SISA Infotech, 1 student is placed, 2.5 LPA.
- Netty Fish, 4 students are placed, 2.5 LPA.
- Tech Mahindra, 3 students are placed, 3.25 LPA.
- Amazon, 1 student is placed, 4 LPA.
- Denave India Pvt. Ltd., 1 students is placed, 5 LPA

3) Highest package:

- 5.0 LPA from Denave India Pvt. Ltd.

DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING

Research:

- 1) For Prof. Rangswamy, PhD degree is awarded from Reva University.
- 2) Prof. Ezilarasan Submitted Thesis and waiting for Viva –Voce.

PhD Registered:

- 1) Prof-Yoganandini.A.P(Comprehensive Viva Finished).
- 2) Prof Siddamal Karabasappa (Comprehensive Viva Finished).

- 3) Prof.- Trupti
- 4) Prof.-Sowndeswari
- 5) Prof.-Manjula.G.Hegde
- 6) Prof.- Shilpa.C

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

- 1) Prof- Yoganandini-A modified particle swarm optimization (PSO) algorithm to enhance MPPT in the PV array. IJECE(Scopus indexed)vol. 8, no. 3, pp. 822-831,2019.
- 2) Prof- Yoganandini-Comprehensive study of global photovoltaic energy market scenario and applications of power electronics JETIR vol.5 ,issue-6 , 2019.(issn-2349-5162).
- 3) Prof. Ezilarasan- streaming video quality assessments and compression in digital tv under no reference conditions, international journal of scientific research and review, vol.7,issue-5,pp.171-181,2019.
- 4) Prof. Ezilarasan -low cost hardware architecture of fast lifting wavelet transform for image compression *int. journal of recent technol. eng.*, vol. x, no. x, pp. 6504–6514, 2019.5.
- 5) Prof. Khamer Unnisa- Persistence of vision based display system IJRSET(international journal of innovative research, science & technology)V-8,Issue-11nov-2019.
- 6) Prof. Khamer Unnisa- Human identification using finger vein & texture images, IRETS(international journal for research engineering & technology),V-8,Issue-10dec-19.

7) Prof. Sowndeswari- A study on detection of malicious notes in wireless sensor networks- international journal of Research in E and C(IJRECT)volume-6 Issue 4 dec-2019.

8) Prof. Sowndeswari – CNC2D sketcher (IJRECT) international journal of Research in E and C volume - 6 Issue 4 dec-2019ISSN2348-9065.

Workshop and FDP Attended:

1) Workshop on Preventive & Break down maintenance of electronics components conducted at CMRIT on 19 July 2019, lab Instructor Mahesh, Shahina, Kiran are attended.

2) Workshop on image fusion and multimodal imaging fundamentals to advanced conducted at MSRIT on 15-7-2019-20-7-2019, Prof. Sindu, Prof.-Manjusha mane Prof.- Khameer Unnisa are attended.

3) One week training programming for teachers on “Effective teaching techniques in digital signal processing conducted at VTU regional center from 26th to 30 Aug 2019, prof.- Sowndeswari and Trupti are attended.

4) Workshop on TRAI-5G conducted at hotel Capital on 29-8-19, Prof.-Radika, Manjula hedge, Anupama.H, Sudha, 10 students from 7th sem are attended.

5) IEEE authorship workshop at IISC titled “how to publish a technical paper with IEEE” on 9/9/19, prof. Ezhilarasan attended the program.

6) IOT foundation day and engineers day conducted at IETE, Dr. Rangaswamy and

prof. manjula hedge are attended the program.

7) Workshop on “Intel one API” held in hotel Lalithashok on 10/12/19, Prof. Shilpa, Majusha, Khameer Unnisa Sindhu are attended.

8) Prof. Sudha. J attended FDP on “Engineering statistics and Linear Algebra” from 31/12/19 to 4/1/20 at BMSIT Bengaluru.

9) Prof. Sudha .J and Prof. Khameer Unnisa Attended FDP on “outcome based education & NBA Accreditation” from 27/1/20 to 31/1/20 at DBIT, Bengaluru.

10) Prof. Trupti Attended five days FDP on “signal audio and music processing” at NITK surathkal from 28th Jan to 1st feb 2020.

Workshop Conducted:

1) Drusti online contest conducted on 19-8-2019 for 5th Sem students in association with Texas instrument.

2) Talk on Cambridge English program conducted on 17/9/2019 for all ECE students.

3) Student Development Program by Dr. Satish Kumar from Wipro on 30-8-19, 120 students are attended the program.

4) Mini Anveshana competition conducted at SaIT two project were selected for main competition on 13/9/19.

5) “Aircraft and Aerospace” orientation program conducted on 22-24/10/19, 200 students from all branches are attended the program.

6) “SRUSHTI” Mini project competition conducted on 9/11/19 for III and IV sem students.

7) Inauguration and Innovation Club-2019 inaugurated on 26/10/19, Many competition are conducted for school children's and for SaIT students and winners are awarded.



Conference Attended:

1) Prof. Shilpa attended international conference on “Returning mothers-Rediscovering the last pool “in September months has one of the panel member.



IEEE Activities:

1. Prof. Shilpa attended ieee branch councilor meeting on 24-8-19 in Mysore.
2. Prof. Shilpa attended ieee WIE international leadership summit-19 On 30-31/8/19 at sterlings Mac hotel, Bengaluru.
3. University day@nokia-19 conducted by ieee branch on 5/9/19,students Baibhav and Sagar from V A sec are attended the program.
4. Many competitions conducted from 26 to 27 September IEEE day celebration.
- 5.IEEE SIGHT chapter inauguration conducted on 1/9/2019.



6. IEEE Extreme celebration on 19/10/19, six students from 7th sem are attended the program.

7. Prof. Shilpa selected as the state committee member for IEEE Bangalore section.

8. Prof. Shilpa attended IEEE AGM meet on 5/1/-20 in Mysore.

ISTE Activities:

1. “Drusti” online competition conducted on 19/8/19 for 5thsem students.
2. Student development program on “PCB using design spark Tool” by Telos Technologies for III sem students from 24/10/2019 to 25/10/2019.



3. Orientation Program on “Aerospace & Defence Domain by Dr. K Badari Narayana,

Nickey Harries O.S On 22/10/19 to 24/10/19, all ECE students are attended the program.

IETE Activities:

1. Telecom awareness program conducted on 4/9/19 by Karnataka Telecom industry, all ECE students are attended the program.



2. Technical Talk On “Cloud Computing Services using Google Cloud Platform (GCP)” by Mr. Srinivas R C, Technical Analyst, Nokia R&D on 24/8/19, all ECE students are attended the program.

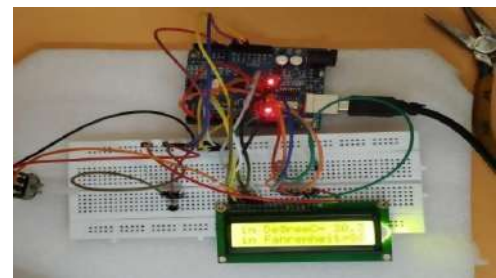
Student Placement

- 1) **Netty fish** Student selected – Vidya Vikaman
- 2) **Devane India PVT LTD** Student's selected- N. Lakshmi Soumya, Hemkumar, Varun.M.Gowda
- 3) **Zoho Corporation** Student selected – Aishwarya.G
- 4) **Infosys** Student selected- Revathi.K
- 5) **Jaro** Student selected- Varun.M.Gowda

DEPARTMENT OF INFORMATION SCIENCE & ENGINEERING

Workshop/FDP/Tech Talk Conducted:

- 1) “**ROBO CAMP**” workshop was conducted for 3rd sem students by Mr. Shreekantha V and Mr. Shreyas Reddy from ZEROPOINT ROBOTICS PVT. LTD. on 25th September 2019 to 27th September 2019 co-ordinated by Prof. Indi Jayashree.





2) A five day workshop on **“NISCHÉ TECHNOLOGIES WITH ACADEMIA”** was conducted for 5th sem students by Mr. Vinay Harista from “Vtricks Technologies” on 16th September 2019 to 20th September 2019 co-ordinated by Prof. Namita Amdalli.



3) Technical talk on **“Cloud Computing Services using Google Cloud Platform (GCP)”** was conducted by Mr. Srinivas, Technical Specialist, and Nokia R & D on 24th August 2019 at 11:30 AM in the MCA Seminar hall, Organized by

Mrs.Indi Jayashree M, Assistant Professor for 5th and 7th sem students.



FDP/Workshop/Tech Talk/SDP Attended:

- 1) Prof. Namita Amdalli attended one day workshop on **“Understanding 4G/5G Wireless Communication Systems”**, conducted by VTU at VTU regional office, Bangalore on 28th November 2019.
- 2) Students attended Redhat Certification Program, a talk delivered by Prof. Srikanth of CSE Dept. in Sri R.Venkatesh Auditorium on 12th Nov 2019.

Industrial Visit:



Industrial visit to **SHAR-ISRO, Sriharikota** for third year students on 24th September 2019 to 25th September 2019 was held. Students were coordinated by Prof. Namita Amdalli.

Events:

1) Teacher's day celebration by 5th sem students on 5th September 2019



2) Teacher's day celebration by 7th sem students on 5th September 2019.



3) Innovation day celebration on behalf of Dr. APJ Abdul Kalam's birthday on 26th Oct 2019. Various events were conducted for

SaIT Students and for school children. Prizes were distributed for the winners.

Placement details:

1) Pre placement training conducted by Quantech origin from 14th August to 22nd August 2019 and 24th September to 6th October 2019.

2) EXL service provided 240 hrs of training on Data analytics.

3) Barclays personality development program was conducted for all final year students in the month of October 2019.

4) Employability Test was given to selective students from TEQIP-VTU.

5) Mr. B K Jha - DRDO scientist motivated final year students about job opportunities in DRDO sector.

6) Nasscom ALTRAN training was conducted to final year students for 340 hrs.

7) Infosys CAMPUS CONNECT webinar was conducted on 29th January 2020 for faculties and students.

Student placement:

1) Varshitha N.S – HPE (Rs. 5.0 LPA)

2) Nanda Kumar P - Cognizant (Rs. 4.0 LPA)

3) Bhavana N Bharadwaj - Cognizant (Rs. 4.0 LPA)

4) Apthashree.T.P - Cognizant (Rs. 4.0 LPA)

5) Kezia Henry H.R - Joulestowatts (Rs. 3.5 LPA)

6) Pallavi P - Joulestowatts (Rs. 3.5 LPA)

- 7) Bhoomika KB - Joulestowatts (Rs. 3.5 LPA)
- 8) Harshini NS - Joulestowatts (Rs. 3.5 LPA)
- 9) Apathashree T P - Joulestowatts (Rs. 3.5 LPA)
- 10) Vinitha.P - Joulestowatts (Rs. 3.5 LPA)
- 11) Nidhi Dwivedi - Joulestowatts (Rs. 3.5 LPA)
- 12) VinayKumar C Tahashildar-
Joulestowatts (Rs. 3.5 LPA)
- 13) Nidhi Dwivedi - UST Global (Rs. 3.5 LPA)
- 14) Ramya - SmartBrain (Rs. 2.7 LPA)
- 15) Arpitha G Reddy - SmartBrain (Rs. 2.7 LPA)
- 16) Vinitha p - SmartBrain (Rs. 2.7 LPA)
- 17) Anushree MR - SmartBrain (Rs. 2.7 LPA)
- 18) Bhoomika KB - Hudl (Rs. 3.0 LPA)
- 19) Bikky Kumar Sahani - Hudl (Rs. 3.0 LPA)
- 20) Nabin Yadav - Hudl (Rs. 3.0 LPA)
- 21) Bhoomika KB - Freenkart (Rs. 3.5 LPA)

NSS Activity:

One day visit to “Sumangali sevashrama” was organized from SaIT, various activities were conducted, prize distribution for the winners and food was arranged for the orphans residing in ashram. This event was co-ordinated by HOD of ISE dept Dr.Latha P.H, Prof. Asha M L, Prof. Indi Jayashree, Prof. Hamsa A.S and

Prof. Yoganandini A.P., also accompanied by student co-ordinators



DEPARTMENT OF MECHANICAL ENGINEERING

Faculties registered for PhD/awarded:

1) Mr. R Manjunath completed the Comprehensive Viva Voce under the guidance of Dr. P.Sampath Kumaran from VTU Belagavi attached to R&D Centre, Department of Mechanical Engineering on 20/03/2019.

Research Proposal Submitted:

1) Prof. Naveen G J has submitted a proposal under Award for Research Publication to the Vision Group of Science Technology, Government of Karnataka, October 2019.

Research Paper Publications Details:

I. Prof. Padmini B V has published the following papers

(1) “Influence of substrate roughness on the wear behavior of kinetic spray coating”. Accepted for publication in material today proceeding, 29 OCT 2019.

Co authors- H B Niranjana, Padmavathi G.

(2) “Effect of high velocity oxy fuel thermal spray coating on mechanical and Tribological properties of materials”- A review in material today proceeding, 29 OCT 2019.

Co authors- B N Sharada, S P Shanmuganathan

(3) “High temperature Tribological studies of cold sprayed nickel based alloy on low carbon steels”. Accepted for publication in material today proceeding, 29 OCT 2019.

Co authors- H B Niranjana.

II. Dr. P SampathKumaran has published the following papers.

(1) A comparative study of non- thermal parameters of the X- class solar flare plasma obtained from cold and warm thick- target model; error estimation by Monte Carlo simulation method.

Co authors- Promod kumar, R K Choudhary, Subhayan Mandal.

(2) Gear Blank; “A case study of Failure Assessment” Accepted for publication in materials letters, Elsevier Publications.

Co authors- G J Naveen, P Rangaswamy, A Sathyanarayana Swamy, S Seetharamu.

(3) “Failure in investigation of HSS Counter punch tool” under review, Springer publications.

Co authors- G J Naveen, Deeksha, P Rangaswamy, B Jayadev, S Seetharamu, A Sathyanarayana Swamy.

(4) “Simulation of high temperature solid particle erosion of HVOF Sprayed NiCr BsiFe and WC-CO/NiCr BsiFe coated wall using CFD”. Accepted for publication in Springer Journal.

Co authors- Raghavendra Naik, R K Kumar, V Sarvanan , S Seetharamu.

FDP/SDP/ Conference /Workshop Programs Attended:

1) Prof. Naveen G.J. has attended One day IIT Madras sponsored workshop on “NPTEL – Swayam” organized by Basaveshwar College of Engineering, Bagalkot held on 29th November 2019.

2) Prof. Naveen G.J. has attended Three day sponsored workshop on “Artificial Intelligence and Robotics” organized by Karnataka Science and Technology Academy, Department of Science and Technology, Government ,Bengaluru from 16th to 18th December 2019.

3) Prof. Naveen G.J. has attended One week sponsored FDP on “Predictive Analytics :A Gateway to Business Excellence” jointly organized by Department of Industrial Engineering Management and Mechanical Engineering held from 13th to 20th January 2020 at Ramaiah Institute of Technology, Bengaluru.

4) Prof. Naveen G.J. has attended Five day sponsored FDP on “Outcome Based Education” under TEQIP 1.3 organized by Department of Mechanical Engineering held from 28th January 2020 to 1st February 2020 at New Horizon College of Engineering, Bengaluru.

5) Dr. BB Manjunath & Prof. D G Manjunath attended one day work shop on “Smart sustainable manufacturing and operation” at Rail wheel factory Bengaluru on 17/01/2020.

6) Hemanth V S attended one day Workshop at B M W authorized service centre Bengaluru on January 2020.

Guest Lecture/ Technical Talk/Seminar Conducted.

1) Venkat krishna sharma G M Procurement, Akshaya Patra Foundation, Yeshwanthapur, Bengaluru, gave a Guest lecture on “Soft Skill Improvement and Betterment of employability” for students on 19/10/2019



2) Suresh R Naik, Space Scientist-ISRO, Bengaluru, gave a guest lecture on “Space Engineering and about Chandrayana-2” to students on 19/10/2019.



3) Dr. V. Shubha, scientist, CISR, Bengaluru, gave a guest lecture on “Drushthi Development” to students on 19/10/2019.

4) Dr. Rathindranath Das, GM-FCC & HIQ, BHEL, Balanagar Hyderabad gave a guest lecture on “Energy Engineering” for 8th sem students on 05/08/2019.

5) Sreenivasa Rao Foundry Manager, Federal Mogul, Bengaluru, on “Quality control” to student’s on 6/11/2019.

6) Shashank S, D/S & development engineer, zero point Robotics pvt ltd. Bengaluru gave a guest lecture on “Robotics for Engineers” on 14/11/2019.

Industrial visit by Faculties and students



Industrial Visit to Shriharikota (ISRO) for final year students. Coordinated by: Prof. Pradeep L C, Jagadeesh H, Jayaprasad M and Naveen G J assisted on 24th September 2019.

Achievements of Staff/Students:

1) Forum of Sambhram Mechanical engineering (FOSAMECH) Inauguration on 19/10/2019.



2) Inauguration of Department Library by HOD and Staff Members.



3) Professor Naveen G J & Jagadeesh H participated in IMTEX Academia Pavilion End January 2020.



4) Dr. P Sampathkumar invited as chief guest for the one week FDP on the topic” Segmented & virtual reality interfaces for 3D printing & Design and gave a technical talk on 3D Printing- smart manufacturing and application on 28/01/2020 organized by DSAT & M, Bengaluru.



5) “Influence of Metallurgical parameters on Wear and Impact characteristics in high Chromium Manganese Ions” Accepted for publication in springer Journal.

Co authors- Ashirwad Pandey, P Sampathkumar, G J Naveen, S Seetharamu, T Pramod, A Sathyanarayana Swamy.

6) Prof. Naveen G J was invited as chief guest for Annual sports day at Ashoka International School, Nov 2019.

7) Dr. P Sampathkumar invited talk at Brindavan College of Engineering Bengaluru on the topic “Tribology basic Aspects, Applications and case studies” on 8th Nov 2019.

Student Placement

The following 8th SEM students are placed in Supreme Industries Chennai, from Sambhram placement and incubation center.

- 1) Bikas Kasaudhan - 1ST16ME012
- 2) Dipak Sinha - 1ST16ME018
- 3) Harshavardhan K M - 1ST15ME041
- 4) Prapulla Kumar - 1ST16ME047
- 5) Pranay Kumar - 1ST16ME046
- 6) Rahul Guptha - 1ST16ME052
- 7) Shivag Mishra - 1ST16ME068
- 8) Sailendra Kumar Yadav- 1ST16ME062
- 9) Sumanth H - 1ST16ME073
- 10) Vikas Kumar Maurya - 1ST16ME077

DEPARTMENT OF CIVIL ENGINEERING

Research Proposals and Publications:

1) The Civil Engineering Department has submitted a **project proposal** on “Delineation of groundwater potential zones, evaluation of groundwater vulnerability and identification of artificial recharge sites in the Bagepalli taluk of Chikkaballapur district, Karnataka using Geophysical and geospatial techniques” to the Ministry of Earth Science, New Delhi.

2) Dr.U.B.Mallikarjuna, (Professor) has **published a research paper**, titled “An Integrated Stratigraphic and Palaeo environmental studies from Narmadha - Tapti block, South Cambay basin, Western India” in Journal of the Geological Society of India, Volume 94 (2019), No.2, pp-171-178.

3) Mr. Vasantha D (Assistant Professor) and Chetana CK (M.Tech Student) have published a research paper, titled “Influence of storey height on Seismic behaviour of structure with and without Infill Wall”, International Journal of Interdisciplinary current advanced research (IJICAR), Volume 1, Issue 6 (June 2019), pp-57-60.



Activities:

1) **SURVEY CAMP 2020:** Extensive Survey camp was conducted between 27th January 2020 to 6th February 2020 at S.S.Ghati, Doddaballapur taluk, Bengaluru rural district.

2) **Engineer’s day:** As a part of Extra circular activities, we have celebrated engineer’s day on 17th September 2019 in the civil engineering department. On this occasion, the department has organized Techno-cultural Fest to celebrate Sir M. Visvesvaraya’s Birthday.



Industrial visit:

7th Semester A and B Section students have visited Mother Dairy (KMF), Yelahanka to know the working of Wastewater Treatment plant as part of industrial visit on 5th & 6th October 2019.



Achievements:

Students:

Toppers of the Department in ODD semester 2019-20.

1) 7th Semester – A Section : Deepak Gowda
B T (1ST16CV026) – 8.7 Grade

2) 7th Semester – B Section : Subhash Beja
(1ST16CV106) – 8.6 Grade

3) 5th Semester – A Section : Guddu Prasad
Gupta (1ST17CV019) – 7.6 Grade

4) 5th Semester – B Section : Suraj Kumar
Sah (1ST16CV076) – 9.2 Grade

Faculty :

Dr.U.B.Mallikarjuna (Professor) has been appointed as **BOE member** (Civil Engineering) for the year 2019-20 of VTU, Belagavi.

DEPARTMENT OF BASIC SCIENCE

Department of Physics

Faculties completed PhD Comprehensive viva:

1) Mrs. Ranjitha. K completed the Comprehensive Viva Voce under the guidance of Dr. V. Annadurai from VTU Belagavi, Department of Physics, SaIT on 10/01/2020.

2) Mrs. Gayathri. G completed the Comprehensive Viva Voce under the guidance of Dr. V. Annadurai from VTU Belagavi, Department of Physics, SaIT on October 2019.

Research paper publications:

FTIR and WAXS Studies on Six Vegetal Fibers;
Ranjitha.K, Ritu Tomar, Matheus Poletto, Heitor L.Ornaghi Junior, V.Annadurai, R.Somashekar;
Cellulose Chemistry and Technology: Article ID
- 2165

CENTRAL PLACEMENT CELL

- HPE, 1 student is placed, 5 LPA
- TCS, 1 student is placed, 3.2 LPA.
- EVOSYS, 2 students are placed, 3.2 LPA.
- Mindtree, 3 students are placed, 3.5 LPA.
- Accord Global technology, 1 student is placed, 3.6 LPA.
- Embiot Technology, 1 student is placed, 4.2 LPA.
- Cognizant, 9 students are placed, 4.0 LPA.
- Infosys, 11 students are placed, 3.6 LPA.
- Wipro, 1 student is placed, 3.5 LPA.
- SISA Infotech, 1 student is placed, 2.5 LPA.
- Netty Fish, 5 students are placed, 2.5 LPA.
- Tech Mahindra, 3 students are placed, 3.25 LPA.
- Amazon, 1 student is placed, 4 LPA.
- Denave India Pvt. Ltd., 4 students are placed, 5 LPA
- Jaro Education., 1 student is placed, 12 LPA
- ZOHO Corp, 1 student is placed, 4 LPA
- Joulestowatts, 19 students are placed, 3.5 LPA
- UST Global, 2 students are placed, 3.5 LPA
- Hudl, 29 students are placed, 3.0 LPA
- Feenixtech, 32 students are placed, 3.5 LPA
- SmartBrain, 26 students are placed, 2.7 LPA
- Freenkart, 1 student is placed, 3.5 LPA
- Sonata, 1 student is placed, 3.5 LPA
- No Broker, 1 student is placed, 4.8 LPA
- Sasken, 2 students are placed, 3.7 LPA
- Supreme Industries, 10 students are placed, 2.0 LPA

NSS ACTIVITIES

One day visit to “Sumangali sevashrama” was organized from SaIT to help the orphans, various activities and games like painting, musical chair was conducted, prize was distributed for the winners and also food was arranged. This event was co-ordinated by HOD of ISE dept Dr. Latha P.H. , Prof. Asha M L , Prof. Hamsa A S, Prof. Indi Jayashree, Prof. Yoganandini also accompanied by student co-ordinators.

