Newsletter
Department of Computer Science & Engineering

Vol: 3 Issue: 2   Year: 2017-18

Newsletter
Department of Computer Science & Engineering

A Soliloquy.....

One more academic year surpassed the old. Tireless commitment and diligence of four long years yielded fruitful rewards at the end. At last, young technocrats walked out the campus with flying colours, being joyous on one side with a job in hand, but with a hard heart indeed on the other to have left the campus once and forever. Bygone maybe bygones, but these scholars left an ever lasting impact with a legacy of exquisite accomplishments in academics as well as in various disciplines of extra-curricular-co-curricular extravaganza, placement activities and in many other ways too.

Meanwhile, one more fresh, promising batch of enthusiastic youngsters have set foot in the campus with dreams in their minds and hopes in their eyes. In turn, institution has embraced them with 'AICTE Induction Program', which strives to orient the student community more towards professional ethics blended with humanitarian values to transform the society towards strengthening and building our nation.

Exceptional academic results with excellent placement records, wing of Computer Science and Engineering is leading as well as leaping towards success, venturing forward with striking pace accompanied with clear vision and powerful mission.

At the outset, academic year 2017-18 has ended in a positive note. Bidding farewell for the departed batch, entire fraternity of Computer Science and Engineering wishes the brand new alumni a hearty success in all their future endeavours.

Here we present an exclusive - brief biannual report show casing the recent remarkable achievements and accomplishments of the department of Computer Science and Engineering to its best. I profusely thank Mr. Ananthesh Rao, Department of Mechanical Engineering to have designed the coverage and outline of this Newsletter, also Mrs. Yashaswini Jogi, Department of Computer Science & Engineering for assisting me to bring out this issue of the Newsletter.

Awaiting and looking forward for many more triumphs and laurels in near future.

BN Ramachandra – From the Editor's Desk

DEPARTMENT VISION

To become a Centre of excellence, in the field of Computer Science and Engineering education and research, catering the needs of the industry and society.

DEPARTMENT MISSION

To educate the Computer Science Engineering aspirants with basic and advanced technologies, who can make a difference in competitive environments, continuously improve their technological skills, communicate effectively and be faithful to ethical values.

PROGRAMME EDUCATIONAL OBJECTIVES

The graduates of Computer Science and Engineering should have

1. The fundamental knowledge in Computer Science and Engineering to work in diverse fields of Computer Science and Engineering Industry.
2. Ability to express and demonstrate the technological skill-set to arrive at a solution to the real-world problems
3. Ability to contribute in a team, for multidisciplinary projects with effective interaction amongst peers.
4. The zeal of being updated in technology front through continuous learning.

PROGRAMME OUTCOMES

Graduates of Computer Science and Engineering programme will be able to:

1. Acquire basic knowledge of mathematics, science and engineering.
2. Identify, formulate and solve real world problems using computing requirements.
3. Conduct investigations, interpret data and provide conclusions regarding problems related to Computer Science & Engineering.
4. Design, implement and evaluate a computer-based system to meet desired needs with appropriate societal considerations.
5. Use appropriate techniques, skills, and modern tools necessary for computing practice.
6. Demonstrate the ability of using acquired knowledge to analyse and solve societal issues.
7. Find sustainable solutions to the problems with the knowledge of the impact of engineering solutions in environmental contexts.
8. Exhibit an understanding of professional, ethical, legal and social issues and responsibilities.
9. Function effectively as an individual as well as in a group with leadership qualities.
10. Effectively interact with diverse group of people.
11. Do their work with efficient resource management in a multidisciplinary environment.
12. Understand the need for upgrading themselves through continuous learning.

PROGRAMME SPECIFIC OBJECTIVES

At the end of the programme graduates will

1. Be able to design, implement, test and evaluate a computer system, component or algorithm to solve a real world problem using appropriate data structures.
2. Be able to successfully adapt to the changes in the field of computer science & engineering for both personal and professional growth.

MAJOR DEPARTMENTAL ACTIVITIES

1. Mr. Jagadish Acharya, Former CEO at PPG Asian Paints Pvt. Ltd. gave an invited talk on 'Good Presentation skills' on 7 February, 2018.

2. Ms. Devika Lakshmeesha Bhat, Alumni of SMVITM from the 2015 batch addressed the juniors on 15 March, 2018.

3. ISTE Student Chapter and Department of Computer Science and Engineering jointly conducted a Video Editing Competition 'Edit-O-Mania' for the students of all the branches on Saturday, 4th November 2017. Ms. Samanvitha Bhagavath of 3rd year, CSE won the second place.

4. ISTE Student Chapter of the department of CSE conducted 'Technical Quiz' and 'Rubik's Cube Competition for students of CSE on 18th April 2018. In the event of 'Technical Quiz' - team of Ms. Akansha and Mr. Keerthan of second year CSE won the first place and team of Mr.Shrivishnu and Mr. Shreesha of 3rd year CSE won the second place.

5. ISTE Student Chapter in association with department of CSE conducted a 'Tech Charades' competition for the students of the institution on 20th April 2018. Team of Mr. Brindon Menezes, Mr. Nagesh Prabhu and Mr. Glanis of final year CSE won the first place and Mr. Shubham, Mr. Ullas and Mr. Prajwal of first year CSE won the second place.

6. ISTE Student Chapter of the department of CSE conducted 'Techlikith'- A technical article writing competition for students of CSE in the month of May, 2018. Ms. Samanvitha Bhagavath of 3rd year CSE won first place for her article titled - 'Formal verification with CBMC'.

STUDENT ACCOMPLISHMENTS

1. Namdev Nayak of 8th semester, department of CSE won first place in Shuttle Badminton in Inter- District Indoor Sports Meet of Rotaract Club held at Sri Bhuvanendra Indoor Stadium, Karkala on 21 of January, 2018.

2. Deepak Nayak & Yahya Assadi of 2nd semester, CSE won first place in 'Chemstrom', TIARA 2018, A National Level Technical Fest at St. Joseph Engineering College from 21 to 22 February, 2018.

3. Namdev Nayak & Narendra Kini of 8th semester and Deepak Nayak of 2nd semester, CSE won second place in Paper Presentation competitions held in TORO 7.0, A National Level Technical Symposium at Dayananda Sagar College of Engineering from 22-23 March, 2018.

4. Adithi Hegde and Joystan of 8th semester, department of CSE won first place in 'Perplex Online Quiz', an event in 'SENTIA 18' - a State Level Intercollegiate Cultural, Technical and Management Fest at MITE Moodabidri which was held from 28 to 29 March 2018.

5. Shreya of 4th semester, department of CSE was a competitor member of 'Eastern Group Dance' which bagged first place in 'SENTIA 18' - a State Level Intercollegiate Cultural, Technical and Management Fest at MITE Moodabidri which was held from 28th to 29th of March, 2018.

6. Adithi Hegde of 8th semester, department of CSE won first place in 'Charades', an event in 'Tech Yuva 2K18' - A National Level Techno-Cultural & Sports Fest at Srinivas College of Engineering which was held from 5 to 6 April, 2018.

7. Vidyashree & Sridevi of 8th semester, CSE secured second place in in 'Tech Prints 6.0' - a National Level Paper Presentation Competition at St. Joseph Engineering College on 11 April, 2018.

8. Namdev Nayak & Narendra Kini of 8th semester, CSE secured second place in in 'Tech Prints 6.0' - a National Level Paper Presentation Competition at St. Joseph Engineering College on 11 April, 2018.

9. Namdev Nayak & Narendra Kini of 8th semester, CSE bagged first place in 'Avishkar' and second places in 'Dead Metal', a Robowar Competition and in Paper Presentation Competitions respectively in 'TECHZONE-18' at Jawaharlal Nehru National College Shimoga from 27-29 April, 2018.

➢ **Department of Computer Science & Engineering has achieved cent per cent result in the 8th semester VTU exams held in May/June, 2018.**

Toppers of the department of CSE for the academic year 2016 -17

Sl. No.	Year	Place	USN	Name	Total Marks/SGPA
1	I Year	I	4MW16CS105	VIDISHA P SHET	9.375
		II	4MW16CS111	VIMITHA	9.25
2	II Year	I	4MW15CS025	DEEPIKA	8.75
		II	4MW15CS022	DANEENA DEEKSHA DSOUZA	8.715
3	III Year	I	4MW14CS068	PRAJNA U NAYAK	1454
		II	4MW14CS087	SANCHITHA	1452

Campus placed students in various firms from the department of Computer Science & Engineering in 2017-18

#	NAME	PLACED IN
1.	ADITHI R HEGDE	Focus Academy for Career Enhancement, Bengaluru.
2.	AMRUTHA ACHARYA K	QSpiders Software Testing Center, Bengaluru
3.	AMULYA S ACHARYA	QSpiders Software Testing Center, Bengaluru
4.	ANAGHA BHAT	Vantage Agora, Bengaluru
5.	ANEESH KINI U	Specbee Consulting Services Pvt. Ltd., Bengaluru
6.	APOORVA	QSpiders Software Testing Center, Bengaluru
7.	ARPITHA K	PathFront , Bengaluru
8.	ASHWIN	PathFront , Bengaluru
9.	ASHWINI	Aradhya's Brilliance Center (ABC), Bengaluru
10.	ASHWINI J	QSpiders Software Testing Center, Bengaluru
11.	ASHWINI J	Focus Academy for Career Enhancement, Bengaluru
12.	AYISHA SHETTY	Focus Academy for Career Enhancement, Bengaluru
13.	CHANDANA ADIGA	Prueba India Software Pvt. Ltd., Manipal
14.	DARYL SHAUN ARANHA	SLK Software Services Pvt. Ltd., Bengaluru
15.	DEEPTHI C	PathFront , Bengaluru
16.	DEEPTHI C	Hybritic Informatics Pvt Ltd., Bengaluru
17.	DHEERAJ KUMAR	Aradhya's Brilliance Center (ABC), Bengaluru
18.	GLANIS JOYAL MONTEIRO	Robosoft Technologies Pvt. Ltd.
19.	JEVITA QUADRAS	SLK Software Services Pvt. Ltd., Bengaluru
20.	JOHN SENORITA PREMA	Advanced Computer Software Group Ltd., Bengaluru
21.	KARTHIK BHAT	Mindtree Ltd., Bengaluru
22.	KRISHNA RAJ CHADAGA	Focus Academy for Career Enhancement, Bengaluru.
23.	KRISHNA RAJ CHADAGA	West Line Ship Management Pvt. Ltd
24.	KRISHNA RAJ CHADAGA	Mphasis Ltd., Mangaluru
25.	KRISHNA RAJ CHADAGA	Diya Systems Pvt. Ltd., Mangalore
26.	LASYA K RAO	Poornam Info Vision Pvt. Ltd., Kochi
27.	LASYA K RAO	QSpiders Software Testing Center, Bengaluru
28.	MANASA R	Axis Bank Ltd
29.	MANASA R	Diya Systems Pvt. Ltd., Mangalore
30.	MARITA REEMA DSOUZA	Focus Academy for Career Enhancement, Bengaluru.

31.	MENEZES BRINDON JENCIL	SLK Software Services Pvt. Ltd., Bengaluru
32.	NAGESH R PRABHU	Robosoft Technologies Pvt. Ltd.
33.	NARENDRA KINI K	Diya Systems Pvt. Ltd., Mangalore
34.	NIBHA	Career Prime Campus Recruitment Solutions, Bengaluru
35.	PALLAVI	PathFront , Bengaluru
36.	PALLAVI	Aradhya's Brilliance Center (ABC), Bengaluru
37.	PAVAN	Magnasoft Consulting India Pvt. Ltd., Bengaluru
38.	PAVAN KUMAR	Magnasoft Consulting India Pvt. Ltd., Bengaluru
39.	POOJA	QSpiders Software Testing Center, Bengaluru
40.	POOJARY SIDDHANTH	West Line Ship Management Pvt. Ltd
41.	PRAJNA B NAYAK	Focus Academy for Career Enhancement, Bengaluru
42.	PRAJNA B NAYAK	Prueba India Software Pvt. Ltd., Manipal
43.	PRAJNA U NAYAK	iWave Systems Technologies Pvt. Ltd., Bengaluru.
44.	PRAVEEN M BADIGER	Magnasoft Consulting India Pvt. Ltd., Bengaluru
45.	PUNEETH KUMAR	Magnasoft Consulting India Pvt. Ltd., Bengaluru
46.	RACHANA B B	Aradhya's Brilliance Center (ABC), Bengaluru
47.	RANJANI S RAO	Aradhya's Brilliance Center (ABC), Bengaluru
48.	RASHMI M NAIK	Axis Bank Ltd
49.	S R BHARATH	West Line Ship Management, Pvt. Ltd
50.	SANCHITHA B	Accord Software & Systems Pvt.Ltd., Bengaluru
51.	SHETTY NIDHISHREE	Advanced Computer Software Group Ltd., Bengaluru
52.	SHRADHA	Advanced Computer Software Group Ltd., Bengaluru
53.	SHREESHMA	Advanced Computer Software Group Ltd., Bengaluru
54.	SHREYA S ANCHAN	SLK Software Services Pvt. Ltd., Bengaluru
55.	SRIDEVI	Infosys Ltd., Bengaluru
56.	SRILAXMI S H	QSpiders Software Testing Center, Bengaluru
57.	SUHAS A POOJARY	Axis Bank Ltd
58.	SUNETHRA R KAMATH H	SLK Software Services Pvt. Ltd., Bengaluru
59.	SUSHMITHA BALIGA B	SLK Software Services Pvt. Ltd., Bengaluru
60.	U.NIKHITHA KAMATH	SLK Software Services Pvt. Ltd., Bengaluru
61.	VANI V BHAT	Juego Studio Pvt. Ltd., Bengaluru
62.	VATHAN BALLAL	SSG Software Systems Pvt. Ltd., Bengaluru.
63.	VIDYASHREE	Aradhya's Brilliance Center (ABC), Bengaluru

FACULTY ACCOMPLISHMENTS

1. Dr. Vasudeva was the judge for Project competition i2-Connect, a flagship event if IEEE-Mangalore Subsection held at St. Joseph College of Engineering on 13 May, 2018.
2. Dr. Vasudeva was elevated as senior member of Association of Computing Machinery (ACM) in April, 2018.
3. Dr. Vasudeva attended selection committee meeting held at Goa University on 15 March, 2018 to recruit assistant professors in the department of Computer Science as an External Expert.
4. Dr. Vasudeva visited 4 colleges in Bengaluru & Tumkur which are affiliated to VTU as a member of Local Inspection Committee in the month of March, 2018.

Paper Publications

1. BN Ramachandra, Assistant Professor, published a paper entitled 'Home Security For Visually Disabled' in International Journal Of Scientific & Engineering Research, Volume 9, Issue 4 on May, 2018 (with Amrutha Acharya, Ranjani S Rao, Sristi and Sushmitha Baliga).

2. Ms. Yashaswini, Assistant Professor (Sr.), Dept. of CSE published a paper titled 'Card less Payment – A Secure Purchase Transaction Method Utilizing Fingerprint' in Journal of Information Technology and Sciences on June, 2018.

3. Ms Ramya D Shetty, Assistant Professor, Dept. of CSE published a paper entitled 'Automated Food Ordering System' in the International Journal of Scientific and Engineering Research, Volume 9, Issue 5 on May, 2018 (with Ashwini J, Ayisha Shetty, Chaithra and Lasya Rao).

4. Ms. Swathi Prabhu, Assistant Professor, Dept. Of CSE published a paper titled 'Analysis of Network Traffic Data Using Hadoop and Apache Hive' in International Journal of Scientific & Engineering Research Volume 9, Issue 4, ISSN 2229-5518 on April, 2018 (with Pooja, Prajna B Nayak, Priya Shetty, Rachana N).

5. Dr. Vasudeva, HoD of CSE published a paper titled "Multimodal Authentication of Ocular Biometric and Finger Vein Verification in Smartphones: A Review" in International Journal of Engineering & Technology, 7 (3.12) (2018) 161-164 (with Mr. Dheeraj H).

Paper Presentations

1. Mr. BN Ramachandra, Assistant Professor, presented a paper entitled 'Home Security For Visually Disabled' in National Conference held at Alva's Institute Of Engineering & Technology on April, 2018 (with Amrutha Acharya, Ranjani S Rao, Sristi and Sushmitha Baliga).

2. Ms. Sneha, Assistant Professor, presented a paper titled 'Eye Blink Detection for Human Computer Interface' in NCETSE, SMVITM, Bantakal on 28 April, 2018(with Sharanya K and Swathi Acharya).

3. Ms. Sneha, Assistant Professor, presented a paper titled 'Vision-Based Human Computer Interaction for Movement Impaired People' in SJEC Vamanjoor on April, 2018 (with Sridevi and Vidyashree).

4. Mr. Sharath Kumar, Assistant Professor, presented a paper titled 'Secure Data Retrieval using Ciphertext policy Attribute based Encryption' in SSE Mukka on May, 2018 (with Shreeshma, Ranjitha Nayak).

5. Mr. Sharath Kumar, Assistant Professor, presented a paper titled 'An efficient Algorithm for Fruit Ripness Detection' in Anjuman Institute of Technology Bhatkal on May, 2018 (with Asfiya Alam, Arsala Sheikh).

6. Ms. Swathi Prabhu, Assistant Professor, presented a paper titled 'Analysis of Network Traffic Data Using Hadoop and Apache Hive' in NCETSE, SMVITM, Bantakal on 28 April, 2018 (with Pooja, Prajna B Nayak. Priya Shetty, Rachana).

7. Ms. Anujna Rao, Assistant Professor, presented a paper titled 'E-commerce data analysis using Hadoop", in NCETSE, SMVITM, Bantakal, on 27 April, 2018 (with Pooja, Srajani and Swathi.P).

Faculty Development Programs

1. Mr. BN Ramachandra, Assistant Professor, attended a one day workshop on 'New Model Curriculum for First Year B.E/B.Tech CBCS Detailed syllabus as per OBE format including Course Outcomes and Bloom's Taxonomy' in SCEM, Adyar, Mangalore on 19 May, 2018.

2. Ms. Tejaswini, Assistant Professor, attended a workshop on 'Machine Learning and its application in Engineering and Technology' in MITE, Moodbidri on 6 and 7 April, 2018.

3. Ms. Sneha, Assistant Professor, attended a one day workshop on 'New Model Curriculum for First Year B.E/B.Tech CBCS Detailed syllabus as per OBE format including Course Outcomes and Bloom's Taxonomy' in SCEM, Adyar, Mangalore on 19 May, 2018.

4. Ms. Sneha, Assistant Professor, attended IEEE TECH DAY 2018 in SJEC, Vamanjoor on13 May, 2018.

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6. Ms. Sowmya, Assistant Professor, attended IEEE TECH DAY 2018 in SJEC, Vamanjoor on13 May, 2018.

7. Mr. Deepak, Assistant Professor, attended a one day workshop on 'New Model Curriculum for First Year B.E/B.Tech CBCS Detailed syllabus as per OBE format including Course Outcomes and Bloom's Taxonomy' in SCEM, Adyar, Mangalore on 19 May, 2018.

8. Ms. Swathi, Assistant Professor, Dept. of CSE attended a workshop on 'Machine Learning and its application in Engineering and Technology' in MITE, Moodbidri on 6 and 7 April, 2018.

9. Ms. Anujna, Assistant Professor, attended a workshop on 'Artificial Intelligence/Machine Learning', in NMAMIT, Nitte on 6 April, 2018.

10. Ms. Sahana Karanth, Assistant Professor, attended one day FDP on "Web Technology and its Applications" in SDIT, Kenjar on 30 July, 2018.

11. Ms. Shinny Melita D'Souza, Assistant Professor, attended one day FDP on 'Web Technology and its Applications', in SDIT, Kenjar, on 30 July, 2018.

NPTEL Certifications

1. Ms. Tejaswini, Assistant Professor, successfully completed NPTEL online course with Elite Certificate in 'Cryptography and Network Security' in April 2018.

2. Mr. Manoj T, Assistant Professor, successfully completed NPTEL online course with Elite Certificate in 'Research Writing' in April 2018.

3. Ms. Ramya D Shetty, Assistant Professor, successfully completed NPTEL online course with Elite Certificate in 'Cryptography and Network Security' in April 2018.

4. Mr. Sharath Kumar, Assistant Professor, successfully completed NPTEL online course with Elite Certificate in 'Problem solving through Programming In C' in April 2018.

5. Ms. Priyanka, Assistant Professor, successfully completed NPTEL online course with Elite Certificate in 'Database Management System' in April 2018.

6. Ms. Shinny Melita Dsouza, Assistant Professor, successfully completed NPTEL online course with Elite Certificate in 'Cloud Computing' in April 2018.

7. Ms. Swathi, Assistant Professor, successfully completed NPTEL online course with Elite Certificate in 'Data Mining' in April 2018.

8. Mr. Nagaraj Bhat Assistant Professor, successfully completed NPTEL online course with Elite Certificate in 'Database Management System' in April 2018.

9. Mr. Praveen M Naik, Assistant Professor, successfully completed NPTEL online course Certificate in 'Analysis and Design of Algorithms' in April 2018.

GROUP PHOTOS

Department of Computer Science & Engineering – AY-2017-18

Outgoing student batch – Section – A, Dept. of Computer Science & Engineering – AY-2017-18

Outgoing student batch – Section – B, Dept. of Computer Science & Engineering – AY-2017-18

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