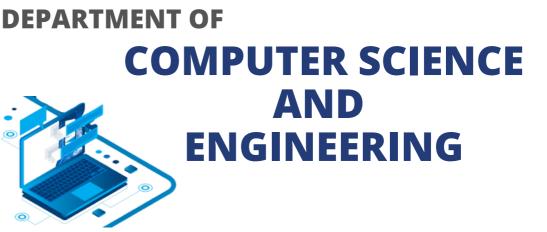
JAN-23 TO JUNE-23



SRUSHTI, ISSUE 1



Benjanapadavu Bantwal Taluk Mangaluru Karnataka, INDIA



HIGHLIGHTS

- Staff Achievements
- Student Achievements
- Hands on Session on Blockchain Technology
- Hands on Session on JDBC-Database
 Access with Java
- Talk on Impact of Engineering in Veterinary Science



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EDITORIAL







Dr. Sunil Kumar B L Associate Prof. & HoD Dept. of CSE

Dr. Demian Antony D'Mello Professor & Dean Academics

Mr. Rakshith M D Chairman Assistant prof. Dept. of CSE

STUDENT MEMBERS



Giridhar Kini



Preethi



Rakshitha H D



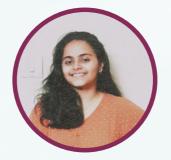
Rajath



Rachana Pai



Neha Shet



Kshama Bhaktha



Chaithra S

VISION

To be recognized as a center of knowledge dissemination in Computer Science and Engineering by imparting value-added education to transform budding minds into competent computer professionals.

MISSION

- Provide a value-based learning environment enriched with ethics, honesty and integrity that equips students to cater to the needs of society and industry.
- Augment the knowledge of students towards cutting-edge technologies and state-of-the-art tools of Computer Science & Engineering.
- Create opportunities for all-round development of students through co-curricular and extracurricular activities.
- Promote research, innovation and development activities in the field of Computer Science among staff and students without any bias.

DEPARTMENT PROFILE

The department was started in the year 2001 to offer under graduate degree programme i.e Bachelor of Engineering (BE) in Computer Science & Engineering (CS&E). The department also offers post graduate programme in engineering i.e. MTech in Computer Science Engineering (CS&E) since 2011. The department has dedicated, qualified and experienced faculty members to guide the students in academics. The faculty members are actively involved in teaching, product

development and research. The faculty members have published number of research and review papers/articles in referred International journals and reputed International conferences which are archived at IEEE/ACM/Springer and other renowned digital libraries.

The department frequently organizes training programmes for the faculty, technical staff and students. The faculty frequently attends staff development programmes (SDP/FDP/Seminar) to update themselves in technological advancements and conferences to present research findings. The department aims at building the students' career by placing special emphasis on all-round development through continuous interaction with Industry. Interactive sessions with experts from academia, research laboratories and industry are constantly held so as to enable students to gain knowledge on diverse and emerging fields. The campus placement has been scaling higher and higher peaks right from its inception with multinational companies recruiting students in large numbers. To increase the opportunity of placements to students, the department conducts soft skills training programmes, technical skill development activities and initiatives on self-learning (Spoken Tutorial programmes by IIT Bombay).

The department promotes extracurricular activities under the umbrella of the students' association & SPECS. The department brings out Annual technical magazine and newsletter which provides an opportunity for the students and staff to publish innovative ideas, programming tips and articles on current trends in computing and technology. The students'association and National Service Scheme (NSS) wing frequently conducts various programmes to strengthen leadership skills, teamwork and communication; and awareness on protection of environment and social responsibilities.

PROGRAMME EDUCATIONAL OBJECTIVES (PEO)

- Graduates will work productively as computer science engineers exhibiting ethical qualities and leadership roles in multi-disciplinary teams.
- Graduates will adapt to the changing technologies, tools and societal requirements.
- Graduates will design and deploy software that meets the needs of individuals and the industries
- Graduates will take up higher education and/or be associated with the field so that they can keep themselves abreast of Research & Development

PROGRAMME OUTCOMES (PO)

Engineering graduates in Computer Science and Engineering will be able to:

- **Engineering knowledge**: Apply the knowledge of mathematics, science, engineering fundamentals and an engineering specialization to the solution of complex engineering problems.
- **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.
- **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.
- **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.
- **Modern tool usage:** Select/Create and apply appropriate techniques, resources and modern engineering and IT tools, including prediction and modelling to complex engineering activities, taking comprehensive cognizance of their limitations.
- 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.
- 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.
- Ethics: Apply ethical principles and commit to professional ethics and responsibilities and norms of the relevant scientific and/or engineering practices.
- Individual and team work: Function effectively as an individual and as a member or leader in diverse teams and in multidisciplinary settings.
- **Communication:** Communicate effectively on complex engineering activities with the engineering community and with the 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.
- **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.

• Life-long learning: Recognize the need for and above have the preparation and ability to engage in independent and life-long learning in the broadcast context of technological changes.

PROGRAMME SPECIFIC OUTCOMES (PSO)

- **Computer System Components:** Apply the principles of computer system software engineering to design, develop and deploy computer subsystems.
- Intelligent Internet Applications: Apply the knowledge of data storage, analytics and internet architecture in designing Internet based application.

NEW FACES OF CSE FAMILY



Mrs. Namita A Amdalli



Ms. Kavya A M

STAFF ACHIEVEMENTS

PAPER PUBLISHED IN JOURNALS



Dr. Demian Antony D'Mello has published a paper entitled "Finite State Transducer based Light-weight Cryptosystem for Data Confidentiality in Cloud Computing" in the International Journal of Grid and Utility Computing, Volume-13, Issue-6, pp.577-588, January 2023.



Mr. Rakshith M D has published a paper entitled "Predicting Resident Intention Using Machine Learning" in the Journal of Data Mining and Management, Volume-8, Issue-1, pp.12-20, March 2023.

WORKSHOP / WEBINAR ATTENDED



Mr. Shatananda Bhat has participated in the Five Days National Level Faculty Development Programme on "Application of Data Science and Machine Learning in Research Process" organized by Nagarjuna Degree College, Karnataka from 13/02/2023 to 17/03/2023.



Mrs. Namita Amdalli has participated in the Webinar on "Artificial Intelligence and Industry 4.0" organized by National Institute of Technical Teachers Training and Research, Chennai on 10/03/2023.

Mrs. Namita Amdalli has participated in One Week AICTE–VTU Joint Teachers Training Programme on "Introduction to Internet of Things (IoT)" organized by Visvesvaraya Technological University, Centre for PG Studies, VIAT, Muddenahalli from 17/04/2023 to 21/04/2023.

Mrs. Namita Amdalli has participated in IP Awareness / Training program under National Intellectual Property Awareness Mission, organized by Intellectual Property Office, India on 11/05/2023.

Mr. Kishor Shivathaya has participated in the Five Days National Level Faculty Development Programme on "Application of Data Science and Machine Learning in Research Process" organized by Nagarjuna Degree College, Karnataka from 13/02/2023 to 17/03/2023.





Mrs. Verdine Noronha has participated in the Five Days Online Faculty Development Programme on "Amazon Web Services (AWS)" organized by AVS Engineering College in Collaboration with ExcelR from 27/02/2023 to 03/03/2023.

Mr. Ajay S Shet has participated in the Five Days National Level Faculty Development Programme on "Application of Data Science and Machine Learning in Research Process" organized by Nagarjuna Degree College, Karnataka from 13/02/2023 to 17/03/2023.

Mr. Ajay Shet has participated in Professional Development Programme on Implementation of NEP2020 for University and College Teachers, organized by Indira Gandhi National Open University from 08/05/2023 to 16/05/2023.

Mr. Ajay Shet has participated and successfully completed One Week AICTE – VTU Joint Teachers Training Programme on Introduction to Python Programming & its Applications from 19th to 23rd June 2023 Organized by Visvesvaraya Technological University, Centre for PG Studies, VIAT, Muddenahalli.



Mr. Janardhan Bhat K has participated in the Five Days Online International Level Faculty Development Programme on "Data Analytics using Power BI" organized by Department of Information Technology, G Narayanamma Institute of Technology and Science in Collaboration with ExcelR from 20/03/2023 to 24/03/2023.



Mr. Janardhan Bhat K has participated in the Five Days Online Faculty Development Programme on "Amazon Web Services (AWS)" organized by AVS Engineering College in Collaboration with ExcelR from 27/02/2023 to 03/03/2023.

Mr. Janardhan Bhat K has participated in the Five Days Online International Faculty Development Program on Data Science and Chat GPT organized by K L Deemed to be University in Collaboration with ExcelR from 15/05/2023 to 19/05/2023.

Mr. Janardhan Bhat K has participated in Professional Development Programme on Implementation of NEP2020 for University and College Teachers, organized by Indira Gandhi National Open University from 12/06/2023 to 20/06/2023.

Mrs. Sushma has participated in Professional Development Programme on Implementation of NEP2020 for University and College Teachers, organized by Indira Gandhi National Open University from 12/06/2023 to 20/06/2023.





Mrs. Aruna Kumari G K has participated in Professional Development Programme on Implementation of NEP2020 for University and College Teachers, organized by Indira Gandhi National Open University from 12/06/2023 to 20/06/2023.

Mrs. Sukshma Shetty has participated in Professional Development Programme on Implementation of NEP2020 for University and College Teachers, organized by Indira Gandhi National Open University from 12/06/2023 to 20/06/2023.



ONLINE COURSE

NPTEL

Mr. Janardhan Bhat K has successfully completed NPTEL Course on Emotional Intelligence during Jan-Mar 2023, organized by IIT Kharagpur.

NPTEL

Mrs. Sukshma Shetty has successfully completed NPTEL Course on Data Science with Python during Jan-Mar 2023, organized by IIT Kharagpur.

NPTEL

Mr. Rakshith M D has successfully completed NPTEL Course on Emotional Intelligence during Jan-Mar 2023, organized by IIT Kharagpur.

NPTEL

Mrs. Saritha M has successfully completed NPTEL Course on Introduction to Internet of Things during Jan-Apr 2023, organized by IIT Kharagpur.

STUDENT ACHIEVEMENTS

Ms. Himani Shridhar Naik and Ms. Khushi Kiran Shet of 3rd semester has secured First Place in the event Treasure Hunt conducted by Adventure & Gravel Club on 07/01/2023.



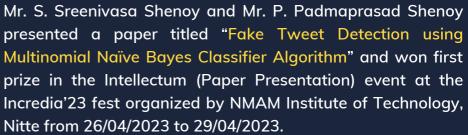














Mr. Shetty Ramakrishna Mohan, Mr. Rohan Bhat, Mr. Ranjith Shetty and Mr. Aniruddha published a paper titled "San-Eng: Sanskrit to English Translator using Machine Learning" in International Journal of Advanced Research in Science, Communication and Technology (IJARSCT), Volume 3, Issue 1, May 2023.



Mr. P.V. Paramashiva Karanth, Mr. Udith Bekal, Mr.Vyasaray Kamath and Mr. Vignesh demonstrated the project titled "Vehicle Tracking System" and won second prize in the Project Exhibition (Software) during Embers'23 (A National Level Technical Fest) organized by Department of Computer Science and Engineeing, Embed Club and IEEE PACE SB on 07/05/2023 & 08/05/2023 at P.A. College of Engineering, Mangalore.



Ms. Poonam Shetiya from 6th semester CSE 'B' section has secured second place in both 200mtr and 100mtr races at VTU State Level Athletic meet held at VTU, Belagavi on 23/05/2023.





Ms. Shreya D from 6th semester CSE 'B' section has secured second place in 400mtr hurdle race at VTU State Level Athletic meet held at VTU, Belagavi on 23/05/2023.



Mr. Chirayu Manohar Rai from 1st year CSE has secured second place in shotput at VTU State Level Athletic meet held at VTU, Belagavi on 23/05/2023.

Mr. Chirag Manohar Rai from 1st year CSE has secured second place in Discus throw at VTU State Level Athletic meet held at VTU, Belagavi on 22/05/2023.

Ms. Srushti Rajendra Naik from 2nd year CSE has secured first place in Logo Design competition conducted by Department of Computer Science and Design in association with the Design club on 07/06/2023.

DESIGNECLUI

Mr. Suraj Shetty from 2nd year CSE has secured second place in Logo Design competition conducted by Department of Computer Science and Design in association with the Design club on 07/06/2023.









TALK ON 'PERSONAL HOLISTIC COMPETENCE







A talk on 'Personal Holistic Competence' was arranged for the students of 5th semester on 7th January 2023 at EC Seminar Hall. Mr.Sharad Vihari Dasa, Founder, BACCE Foundation, Mangalore was the resource person. He addressed the students about Indian Knowledge System (IKS), three domains to be focused such as Purpose, Capability and Will. Also conducted the activities among the students to make them experience importance of team work and time. About 35 students participated in the event. Mr. Rakshith M D coordinated the event.



WORKSHOP ON C PROGRAMMING



A workshop on 'C programming ability enhancement ' was conducted by the Department of Computer Science and Engineering from January 16th through January 18th, 2023, for 3rd semester students to enhance their technical skills through logical thinking and problem solving techniques. The resource persons were Dr. Sunil Kumar B.L., Dr. Santhosh Kumar D.K., and Mr. Nischay Hegde.



HANDS ON SESSION ON BLOCKCHAIN TECHNOLOGY

Department of Computer Science and Engineering organized a hands on session on Blockchain Technology for 6th semester students on 26/04/2023 at CAED Lab. Mr. Chirag Ravishankar, Contributor, Shardeum and Mr. Hardik Singh, Developer Relation, Lumos Labs, Bangalore were resource persons. The following topics were discussed during the workshop: Fundamentals of Blockchain, Evolution of Web, Metamask platform, Blockchain scalability trilemma, Types of Cryptocurrencies and Demonstration of deploying smart contract on the blockchain network. Mr.Rakshith M D, Asst.Professor, Dept.of CS&E coordinated the event.About 34 students participated in the workshop.



TECH PRESENTIA-23

A state level technical paper presentation "TECH PRESENTIA-23" was organized by department of CSE and ISE on 02-05-2023 at CEC, Benjanapadavu. 57 students from various colleges presented their work. The paper "Classification and Grading of Arecanuts based on IoT & ML Approach" was adjudged as the best paper.



The event was chaired by Dr.Sunil Kumar B L, HoD, Dept.of CSE and Dr. Jagadisha N, HoD, Dept.of ISE. Mr. Nischay Kumar Hegde, Asst. Professor, Dept.of CSE, Mr. Vinay P, HoD, Dept.of CSBS, Dr.Ankitha K,HoD, CSD and Mr.Vasant



Naik, Asst.Professor, Dept.of ISE were the judges. The event was co-ordinated by Mr.Rakshith M D, Asst.Professor, Dept.of CSE and Mrs.Sowmya K, Asst.Professor, Dept.of CSE.

HANDS-ON SESSION ON JDBC-DATABASE ACCESS WITH JAVA

A workshop titled Hands-on Session on JDBC-Database Access with Java was arranged for the students of 6th semester on 20th June 2023 at AC Seminar Hall. Mr. Alok Ranjan, Asst. Professor, Dept. of CS&E was the resource person. He addressed the students about Architecture of JDBC, JDBC driver types and packages. Also demonstrated Associating the JDBC/ODBC bridge with database, Statement objects and Processing of Result sets. About 111 students participated in the event. Ms. Annapurna M coordinated the event.





TALK ON IMPACT OF ENGINEERING IN VETERINARY SCIENCE

Department of CSE organized a Talk on Impact of Engineering in Veterinary Science for 4th semester students of CSE on 21/06/2023 in Skill lab. Dr.Ankitha K, HoD, Dept of Computer Science Design was the resource person. Topics discussed were: Relationship between Engineering and Veterinary Science, Engineering Trends, Challenges in Veterinary Research and Case studies on different domestic animals. Also encouraged students to carry out projects in the field of veterinary science by applying engineering techniques. In total, 30 students participated in the session. The event was coordinated by Mr.Rakshith M D.







FAREWELL 2023

A Farewell - 2023 was arranged on 13th May 2023 from 02:00 PM to 04:30 PM, in EC Seminar Hall. Mr. Nischay Kumar Hegde, Asst. Professor, Department of Computer Science and Engineering addressed the students and congratulated them for getting placed. The enthusiastic bunch of pre-final year students headed by Abhay Kamath, Giridhar Kini, Raksha Pai, Nidhi Padiyar, Parimi Uma Sahitya, Sanskriti Naik and Rakshitha H D conducted the event successfully for the outgoing batch of 2019.



Mrs. Sowmya Κ Asst. Professor. Department of Computer Science and Engineering congratulated the final year students and wished them all the best in endeavours. future The winners of Project Expo-23 were honored during the event.



8th Sem Toppers





Ashlesha Pramod Pai SGPA : 9.67



Nayana Vinayak Gundu SGPA : 9.67



Panchami A Prabhu SGPA : 9.67



Swati P Sawant SGPA : 9.67



Dhruva D SGPA : 9.50



Rashmi R Mallya SGPA : 9.50



Subrahmanya Mayya

SGPA : 9.50





SGPA : 9.50



Dhanashree Bhat SGPA : 9.50



S Sreenivasa Shenoy SGPA : 9.50



Shravya S Shetty SGPA : 9.50

Priya Nayak T SGPA : 9.50

Aditi K A SGPA : 9.50



Aniketh B R SGPA : 9.50



Rachitha R Pai SGPA : 9.50



Prerana Rao SGPA : 9.50



P Padmaprasad Shenoy SGPA : 9.50



Prateeksha Shanbhogue SGPA : 9.50



Vignesh SGPA : 9.50



Rakshita Mallya SGPA : 9.50



Student Details



ANKITA V NAIK 4CB19CS015	ANKITH T 4CB19CS016	
ANMOL R KAMATH 4CB19CS017	ANVITHA K R 4CB19CS018	
APEKSHA SHETTY 4CB19CS019	ASHLESHA P PAI 4CB19CS020	
ASHWINI PAI 4CB19CS021	ATHMIK ASHOK HEGDE K 4CB19CS022	
B ANJANA SHENOY 4CB19CS023	B APOORVA NAYAK 4CB19CS024	
ASHWITHA NAYAK 4CB19CS025	BABITH 4CB19CS026	
BHOOMIKA 4CB19CS027	ABHOOMIKA V NAIK 4CB19CS028	
CHANDRAHAS PAI 4CB19CS029	CHARISHMA 4CB19CS030	

CHETHAN KRISHNA 4CB19CS031	DAMODARA HEGDE K L 4CB19CS032	
DHANASHREE BHAT 4CB19CS033	DHANUSH S A 4CB19CS034	
DHRUVA D NAYAK 4CB19CS035	DISHA S SHENOY 4CB19CS036	
DIYA 4CB19CS037	ELVIN MARCIAN DOMINIC DSOUZA 4CB19CS038	
GAGAN NIRANJAN NAIK 4CB19CS039	GAUTHAM ALVA 4CB19CS040	
G G ASHWIN PRABHU 4CB19CS041	HARSHITHA 4CB19CS042	
HARSHITHA R ULLAL BAIL 4CB19CS043	ISMAIL IHTHISHAM 4CB19CS044	
JATIN PANDIT 4CB19CS045	K KESHAVA BHAT 4CB19CS046	

KARTHIK B 4CB19CS047	KARTHIK M K 4CB19CS048	
KARTHIK M KASHYAP 4CB19CS049	KREETHAN DSOUZA 4CB19CS050	
KRUTHIKA C S 4CB19CS051	LEKHANA B Y 4CB19CS052	
M ANMOL KAMATH 4CB19CS053	M ANUSHKA BHAT 4CB19CS054	
M PRAJWAL KINI 4CB19CS055	MAITHRI V HOLLA 4CB19CS056	
MEGHNA 4CB19CS057	MELWIN NELSON PINTO 4CB19CS058	
MUKUND P PAI 4CB19CS059	N PRATEEKA PAI 4CB19CS060	
NANDISH SHENOY P H 4CB19CS061	NAYANA V GUNDU 4CB19CS062	

NITHIN KUMAR U 4CB19CS063	DEEPA SHRIDHAR DESHBHANDARI 4CB20CS400
VYASARAY KAMATH 4CB19CS0119	P PADMAPRASAD SHENOY 4CB19CS064
PANCHAMI A PRABHU	POOJARY NISHA J
4CB19CS065	4CB19CS066
PRADNYA P NAIK	PRANAY B
4CB19CS067	4CB19CS068
PRANEETH S 4CB19CS069	PRATEEKSHA SHANBHOGUE 4CB19CS070
PRATHAM B KOTIAN	PREETHY RAY
4CB19CS071	4CB19CS072
PRERANA RAO	PRIYA NAYAK T
4CB19CS073	4CB19CS074
PUSHYA P 4CB19CS075	P V PARAMASHIVA KARANTH 4CB19CS076

RACHITHA R PAI 4CB19CS077	RAGHAVENDRA RAJAGOPAL KAMMAR 4CB19CS078	
RAJATH KRISHNA PRABHU 4CB19CS079	RAKSHA B 4CB19CS080	
RAKSHITA MALLYA 4CB19CS081	RANJITH V SHETTY 4CB19CS082	
RASHMI R MALLYA 4CB19CS083	REEYON VITHESH PAIS 4CB19CS084	
RITHIKA JAIN K 4CB19CS085	ROHAN S BHAT 4CB19CS086	
S SREENIVASA SHENOY 4CB19CS087	SANDESH H D J 4CB19CS088	
SANJAY S SUVARNA 4CB19CS092	SANJITH V SANIL 4CB19CS093	
SAVITA SHET 4CB19CS094	SHALLANI DEVI 4CB19CS095	

SHETTY RAMAKRISHNA MOHAN 4CB19CS096	SHIFALI J 4CB19CS097	
SHRAVYA S SHETTY 4CB19CS098	SHREELAXMI SHANMUKH GANGOLLI 4CB19CS099	
SHREEMA 4CB19CS100	SHRUTHI P S 4CB19CS101	
SHYAMANTH SHETTY 4CB19CS102	SOHAN S KAMATH 4CB19CS103	
SUBRAHMANYA MAYYA 4CB19CS104	SUBRAMANYA A SHET 4CB19CS105	
SUHAS S KAMATH 4CB19CS106	SUPREETHA 4CB19CS107	
SUPRIYA G MESTHA 4CB19CS108	SUPRIYA R HEBSUR 4CB19CS109	
SWATHI 4CB19CS110	SWATI PURUSHOTTAM SAWANT 4CB19CS111	

UDITH BEKAL 4CB19CS112	UNNATI GEETANAND KAMAT 4CB19CS113	
VAIBHAV RAJENDRA NAYAK 4CB19CS114	VAISHNAVI 4CB19CS115	
VANDANA 4CB19CS116	VARUN G POOJARY 4CB19CS117	
VIBHASHREE 4CB19CS118	VIDISHA PRABHU B 4CB19CS119	
VIGNESH 4CB19CS120	VIGNESH KAMATH M 4CB19CS121	
VIJAYANANDA TIMMANNA HEGDE 4CB19CS122	VILAS 4CB19CS123	
VINEETHA 4CB19CS124	VISHMITHA G 4CB19CS125	
YOGEESHA BAYARI 4CB19CS126		

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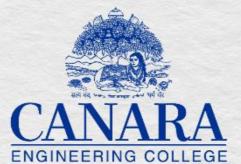
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