JSS MAHAVIDYAPEETHA

JSS ACADEMY OF TECHNICAL EDUCATION, BENGALURU-60

Affiliated to Visvesvaraya Technological University, Belagavi, Karnataka, INDIA
Approved by All India Council for Technical Education, NewDelhi
UG programs accredited by NBA: ECE, CSE, ISE, CIVIL, ME, E&IE

ANNUAL REPORT

2024-25

Contents

Founder President of JSS Mahavidyapeetha

His Holiness Jagadguru Dr.Sri Shivarathri Rajendra Mahaswamiji

His Holiness Jagadguru Dr. Sri Shivarathri Rajendra Mahaswamiji, the 23rd Pontiff of Sri Jagadguru Veerasimhasana Mahasamsthana Math, known as Sri Suttur Math, inherited the legacy of the 10 century old Sri mathata nearly age.He was born in1916 and as cended the Peetha in 1928 when he

Was hardly twelve. He shared the responsibilities with his senior, Jagadguru Pattada Shivarathri Mahaswamigalu. Ever since he had been at the helm of affairs of the Math for more than half acentury. Every step he took forward was insearchof new areas of service.

He was a patron of arts and literature and a scholar in Kannada and Sanskrit. He sacrificed his educational career to provide succor to the helpless poor. The burning desire to assuagethe educational needs of hundreds rural children, he started the first free hostel at Mysore in 1941. Thus began his journey of socio- economic transformation of the region with the establishment of Schools, Colleges and Sanskrit Patashalas in and around Mysore. A single minded dedication to a task aimedat the welfare of all alonegoaded himto trudge a path of sacrifice. The incredible divine grace coupled with intenseand sustained focus result edinmaterialisation of his great dreams of establishing free schools and hostels, professional colleges, centres of art, music, and literature etc,.Jagadguru Dr. Sri Shivarathri Rajendra Swamiji had a strong vision of starting educational institutionsin rural areas considering the hardship of studentscoming to cities seeking education. In order to make this possible, he started the Jagadguru Sri Shivarathreeshwara Mahavidyapeetha in 1954; laterit was registered under the Societies' Registration Act in 1962. Under the untiring efforts of Dr. Sri Shivarathri Rajendra Mahaswamiji, the Vidyapeetha has witnessed enormous growth in the field of education. Thousands of children, men and women found solace under his boundless compassion.

Though the earthly sojourn of His Holiness came to end in 1986, his indomitable spirit lingers through over 350 institutions across the continents.The centenary birth anniversary of Jagadguru Dr.Shivarathri Rajendra Mahaswamiji was celebrated in 2015 by the devotees all over the world as atoken of expressing the respect and gratitude to the ever-loving spirit of this Noble Saint and by following his principle of'workis worship'.

His Holiness Jagadguru Sri Shivarathri Deshikendra Mahaswamiji

His Holiness Jagadguru Sri Shivarathri Deshikendra Mahaswamiji, the present pontiff and the 24th Peethadhyaksha of Sri Jagadguru Veerasimhasana Suttur Math, assumed the Peetha in 1986 at theyoung age of 29 years. He had his spiritual training under the guidance of his illustrious predecessor His Holiness Jagadguru Dr Sri Shivarathri Rajendra Mahaswamiji the founder president of the JSS Mahavidyapeetha, an educational and cultural organization dedicated to the ideal of providing educationto the villages of Karnataka.

His Holiness Jagadguru Sri Shivarathri Deshikendra Mahaswamiji, the Honourable Chancellor of JSSAcademy of Higher Education & Research - a visionary, endeavoured not only to cross the Vindhyasand establish engineering colleges, schools, etc at NOIDA (UP) and the JSS Spiritual and CulturalCentre at New Delhi but also travelled beyond the shores of the country and established the presenceof the Math in USA, Mauritius and Dubai. His efforts to reach out to the core of the problems that challenge our society be it literacy, health care, employment or building values amongst the society is lauded and recognised by one and all. It is His Vision that has taken the Deemed University to achievesignificant milestones in a short span of ten years and be recognised as one of the most progressive universities in the field of Health Sciences.

About JSS Mahavidyapeetha

The origin of JSS Mahavidyapeetha (JSSMVP), a formidable educational movement, can be traced tothe establishment of a small hostel in 1928 to cater to the accommodation needs of students pursuing higher studies in Mysore.His Holiness Jagadguru Dr.Sri Shivarathri Rajendra Mahaswamiji established the Jagadguru Sri Shivarathreeshwara Mahavidyapeetha (JSSMVP) in 1954 and it was registered under the Societies' Registration Act 1960.Focusing on a purpose as expansive and yet as specific as improving quality of life through Human Development,the JSS Mahavidyapeetha has grown from strength to strength. A long and healthy life, Education for all and a decent standard ofliving, the indicators of Human development, have been the underlying philosophy of Jagadguru Sri Veerasimhasana Mahasamsthana Math, Suttur Srikshethra, for centuries. This is also the philosophyfor which the Mahavidyapeetha today stands for.Under theuntiring effortsof Jagadguru Dr.Sri Shivarathri Rajendra Mahaswamiji, the Mahavidyapeetha has witnessed enormous growth in the fieldof education and today has over 300 institutions under its fold, from kindergartens to post graduate centres and post doctor al research catering th eeducational needs of more than 1,00,000 students.

The Mahavidyapeetha continues to play an important role in expanding the scope of its activities to several branches of knowledge,welfare and culture.Its educational efforts spancrèches for toddlers of working rural women, schools to impart primary and secondary education in both Kannada and English medium, Colleges, Polytechnics, Technical, Medicine, etc. For realizing its mission, it has equipped itself with an extensive infrastructure and an army of dedicated and highly qualified humanresource. These institutions, located in strategic areas, serve a broad spectrum of society, from virtually remote tribal villages to metropolitan cities such as Bengaluru, Noida, New Delhi, Ooty, and Coimbatore, besides their presence in United States, Mauritiusand Dubai.

Apart fromformal education,the initiatives stretchto integrated rural developmentthrough trainingand empowering of rural folk, reaching out healthcare to people through modern and traditional Indiansystems of medicine, patronizing literary activities, visual arts, performing arts, restoration of temples and historical monuments.

About JSS Academy of Technical Education, Bengaluru

JSS Academy of Technical Education (JSSATE) was established in the year 1997 at Bangalore and is under the umbrella of JSS Mahavidyapeetha, Mysore. JSSATE is the result of the vision of our President, His Holiness Jagadguru Sri Shivarathri Deshikendra Mahaswamiji to proactively participate in establishing a world class Institution for Technical Education.The Campusislocatedonasprawling 21.17 acres 'land surrounded by lush green plantationon the South-Western edge of Bengaluru City. The institution is affiliated to Visvesvaraya Technological University (VTU), Belgaum, India.

At present JSSATE,Bengaluru has eight Under Graduate and two Post Graduate programs in Engineering along with an Under Graduate program in BSc. (Hons) and post Graduate program inBusiness Administration.All theDepartments have been recognized as "research Centres" from VTU, Belagavi. The total strength of students is more than3000.

JSSATE, Bengaluru has an excellent infrastructure with the state-of-the art equipment and machineryas laboratory facilities. The Institution has spacious classrooms and the laboratories. The whole building is networked and has centralized browsing facility with 500 Mbps dedicated internet facility. The entire college has Wi-Fi facility.

The Institute has highly qualified faculty. The Institute has initiated a number of multidisciplinary and multi-institutional R&D programs with AICTE, DST and other Departments. Under the R & D activity, the Institute has taken up the design and fabrication of bio-diesel plant in collaboration withanindustry and it is sponsored by Department of Science & Technology (DST), Government ofIndia.This was recognized as one of the best-completed projects and same is being replicated in different states.

The Institute has a centralized library with open access facility for students. The Institute Digital library has online access to international journals Book bank facility is available for students.

Vision of the Institute

To be among the finest Institutions providing Engineering and Management Education empowered with research, innovation and entrepreneurship.

Mission of the Institute

- StrivetowardsExcellenceinteaching–learningprocessandnurturepersonalitydevelopment.
- Encourage Research, Innovation &Entrepreneurship.
- Train to uphold highest ethical standards in all activities.

Quality Policy

- Achieve Excellence in Technical Education, Research and Consultancy through an Outcome Based Education
- Focus on Continuous Improvement and Innovation by Benchmarking Against the Global Best Practices.

Statutory Approvals & Recognitions

- **Accreditation**

The   following   Departments areaccreditedbyNationalBoardofAccreditation,NewDelhi,fortheperiodofthreeyears fromwitheffectivefrom01.07.2020 till30.06.2023

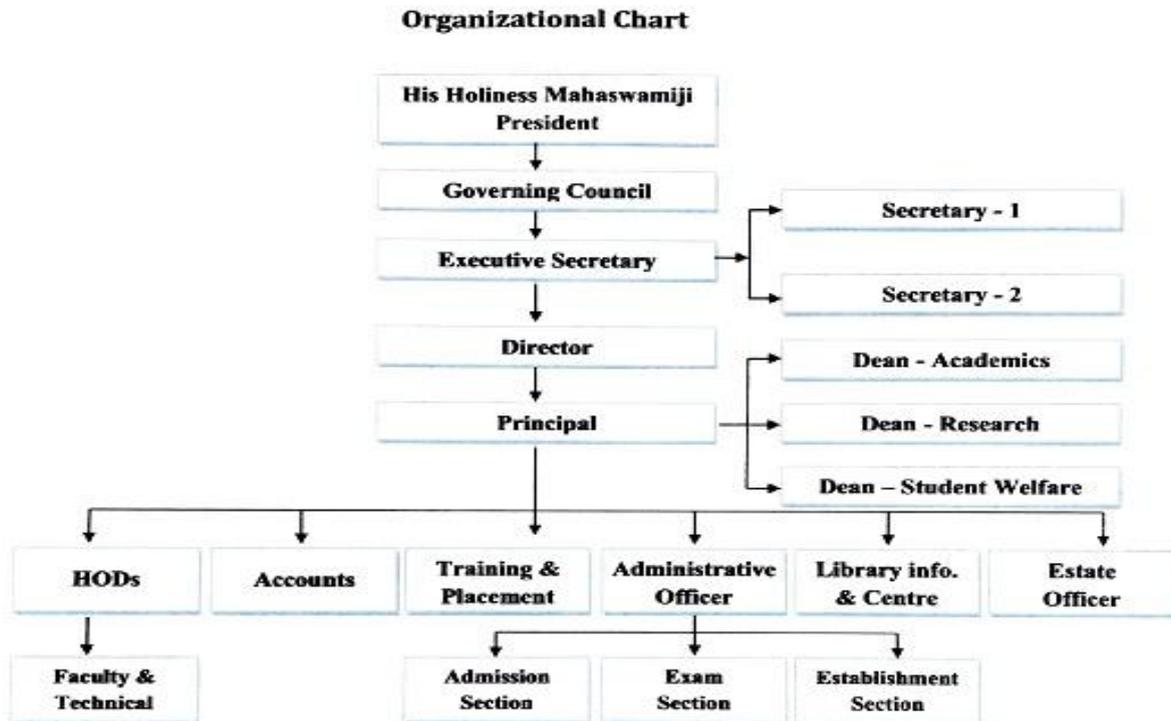| Sl. No	Program
1	Computer Science and Engineering
2	Information Science and Engineering
3	Electronics and Communication Engineering
4	Mechanical Engineering
5	Civil Engineering

- **Ratings**

demyofTechnicalEducation, Bengaluru,has been assessedon QSIGAU GEMethodology1.2/1.3.by QS I GAUGE rating system.

NIRFRanking

The National Institutional Ranking Framework (NIRF) has ranktheinstitutionin251-300 band among engineering colleges in 2020.

Organizational Structure

Organizational Chart

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                    ┌──────────────────────────┐
                    │ His Holiness Mahaswamiji  │
                    │        President          │
                    └──────────────────────────┘
                                 │
                    ┌──────────────────────────┐
                    │    Governing Council      │
                    └──────────────────────────┘
                                 │                      ┌──────────────────┐
                    ┌──────────────────────────┐   ┌──→│   Secretary - 1   │
                    │    Executive Secretary    │───┤   └──────────────────┘
                    └──────────────────────────┘   └──→│   Secretary - 2   │
                                 │                      └──────────────────┘
                    ┌──────────────────────────┐
                    │         Director          │       ┌──────────────────────┐
                    └──────────────────────────┘   ┌──→│   Dean - Academics    │
                                 │                  │   └──────────────────────┘
                    ┌──────────────────────────┐   ├──→│   Dean - Research     │
                    │        Principal          │───┤   └──────────────────────┘
                    └──────────────────────────┘   └──→│ Dean – Student Welfare │
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HODs	Accounts	Training & Placement	Administrative Officer	Library info. & Centre	Estate Officer

Faculty & Technical		Admission Section	Exam Section	Establishment Section

Members of Board of Management

Sl.No	Name	Designation
1	**Dr.Shivaraj V Patil Justice** Chairman JSS Development Committee	Member
2	**Dr.C G Betsurmath, KAS (RETD)** Excutive Secretary JSSMVP, MYSURU	
3	**Dr. B. Suresh** JSSMVP MYSURU	Director,TED
4	**SRI H K SHIVANANDA IAS** (Retd)	Special invitee
5	**DIRECTOR & REGIONAL OFFICER,(EX-OFFICIO)**	Member
6	**Mr.SAGAR NIDAVANI** VTU EXUCUTIVE COUNCIL MEMBER	Member
7	**Dr.SHYAM VASUDEVA RAO** INDUSTRIALIST	Member
8	**SRI HILARIAN PUSHPARAJ** INDUSTRIALIST	Member
9	**Dr.POORNIMA. N,Asso Professor** WOMEN FACULTY REPRESENTATIVE	
10	**Dr. Bhimasen Soragaon** Principal, JSSATE,B engaluru	Member SECRETARY

Sl.No	Name	Designation
1	His Holiness Jagadguru Sri Shivarathri Deshikendra Mahaswamiji President, JSS Mahavidyapeetha Mysuru	Chairm
2	Justice Dr.Shivaraj V Patil Co-Chairman, JSS institutions, Bengaluru	Member
3	Dr.C G Betsurmath, KAS (Retd.)	M
4	Prof.M.H.Dhananjaya Advisor, Technical Education Division, JSSMVP, Mysuru	Member
5	Dr. HR Mahadevaswamy Joint Director, Technical Education Division, JSS Mahavidyapeetha, SJCE Campus, Mysuru	Mem
6	Sri H K Shivananda, IAS (Ret d.)Retired .IAS Officer, Bengaluru	Member

-	Dr.SM Jamadar, IAS(Retd.)	..
8	Dr.B.G.Sangameshwara FormerVice-Chancellor, JSS Science and Technology University,Mysuru	Member
.	Prof.B.Gurumoorthy	..
10	Dr.Shyam Vasudeva Rao Industrialist,M/sForus Healthcare Pvt.Ltd.Bengaluru	Member
.	Dr Hilarian Pushparaj	..
12	Sri Sagar Nidavani Executive Council Member, VTU, Bengaluru	Member VT U Nominee
	Dr.R Sakthivel	Member, AICTE
14	Sri.HU Talawar Director of Technical Education,GOK,Bengaluru	Member DTE Ex-Offico
	Dr.Poornima N	Member
16	Dr. Bhimasen Soragaon Principal, JSSATE,B engaluru	Member Secretary

MESSAGE FROM PRINCIPAL

Greetings from and welcome to JSS Academy of Technical Education (JSSATE), Bengaluru, a lush green and oxygen rich campus, known for its educational services in engineering and management domains inside and outside the state of Karnataka. The Institute is run by a spiritual trust, JSS Mahavidyapeetha, Mysuru, which emphasizes the incorporation of culture, values and ethics in our teaching-learning system. We all are aware that the education system in the country is undergoing a transformation with the Government of India introducing the New National Educational Policy (NEP) – 2020. Higher education is not an exception. At JSSATE, Bengaluru, we take care of incorporating the objectives set by the government and the affiliating university in the curriculum. In fact, we design contents beyond curriculum to fulfil the objectives of 'outcome-based education'. The focus in OBE is that the students learn not the teachers teach. An outcome is attached and is accomplished for every learning activity a student takes up during the journey of his/her education. At JSSATE, it is ensured that the real learning outcomes of students are measured in an objective manner, mainly to ensure that our higher education system is more accountable and quality-oriented. The Choice Based Credit System (CBCS) adds a new dimension to the academics for the students. The students can take up the courses across the disciplines and develop on their credits. Looking into present Global Scenario, engineering students should have knowledge of the subjects from other disciplines and some advanced subjects of their respective domain in which they are perusing the degree. At JSSATE, Bengaluru, students are encouraged to pursue courses from online platforms such as NPTEL, SWAYAM, Coursera, etc. to earn more credits over and above stipulated by the affiliating university. With these additional credits and a defined benchmark in the results of every semester, a student can earn B.E (Honours) degree from the affiliating university, VTU. JSSATE, Bengaluru fosters the extracurricular skills among students through various activities of students' clubs (Tachyon Motorsport), student chapters of professional societies (CSI, IEEE, IIF, SAE, ACC, etc.), project exhibitions, hackathons, NSS activities, sports and cultural activities. The management is always supportive in extending the financial assistance to the students who are keen in developing innovative ideas.

The industry-institute-interaction is being accomplished through MoUs with reputed industries. At present, the institute has more than 50 MoUs with manufacturing, construction and IT related companies that support the students and faculty members with industry visits, stipend-paid internships, projects, consultancy work, invited talks, partial delivery of the curriculum, etc. You will find JSSATE Bengaluru as one of the best destinations for your engineering or management education.

MESSAGE FROM DEAN ACADEMICS

The Institution shares the passion and commitment to Education and prepare students to become strong graduates and leaders. The Institute strive hard and bring constructive changes to the traditional curriculum and stimulating learning environment. All the departments deliver the curriculum as per the need of Industries and follow interactive teaching-learning methods by introducing innovative evaluation and assessment methods to ensure great learning.

MESSAGE FROM DEAN RESEARCH

Our primary role is to connect with the external world and promote research through high-quality publications, project funding, and consulting services.JSSATE motivates faculty and students to converge and share ideas and experiences. Additionally, all the branches can focus on improving research integrity and culture to contribute to the most suitable practices and their impact.

MESSAGE FROM DEAN STUDENT WELFARE

A dean of student's welfare also known as dean of student affairs responds to students' needs at the college and plans programs for students in the campus. Dean of students work primarily with non-academic issues, plans and coordinates various college activities related to students in the campus. The Office of the Dean Students welfare provides a framework within which students can explore the various freedoms available to them during their presence in the college. It serves as a liaison between college administrators, faculty and student representatives.

NPTEL

- JSSATEB is recognized as the Local Chapter by SWAYAM-NPTEL.

SWAYAM or Study Webs of Active-Learning for Young Aspiring Minds. SWAYAM is a programmeinitiated by Government of India and designed toachieve the three cardinal principles of EducationPolicy viz., access,equityand quality.The

Objective of this effort is to take the bestteaching learning resources to all, including the mostdisadvantaged. SWAYAM seeks to bridge the digital divide for students who have hitherto remaineduntouched by the digital revolution and have not been able to join the mainstream of the knowledge economy. National Programme on Technology Enhanced Learning (NPTEL) is a project of MHRD initiated by even Indian InstitutesofTechnology(Bombay,Delhi,Kanpur,Kharagpur,Madras,Guwah atiandRoorkee)along with the Indian Institute of Science,Bangalorein2003,to provid equality education to any one interested in learning.

NPTEL local chapter was started in JSSATE, Bengaluru from 26thDecember 2016. As a source ofinformation and other than syllabus oriented, around 8GB of previous NPTEL course materialsismade available in the Digital Library. These materials are circulated it to its users as and whendemanded by them. This NPTEL local chapter centre is being coordinated by Dr. Dayananda P, Professor, and Dept. of ISE as SPOC. IITM has declared JSSATEB-NPTEL chapter as one of the activelocalchapteramongstlocal chapters of SouthIndia.

Cultural Crew

JSS Academy of Technical Education, Bengaluru has been giving equal importance to both academic and other activities. Institute strongly believe that both curricular, co- curricular and cultural activities are equally important for the overall important for the overall development of students. To encourage the students to participate in different activities, the institution has created a platform called VERVE – a techno cultural fest. Under this platform college organize many technical and cultural activities every year. VERVE has created a brand name in and around Bengaluru and emerged as number one techno cultural fest among the technical institutions in Bengaluru.

VERVE-2024

Ph.D awardees list during felicitation.

Social Outreach Program

National Service Scheme (NSS)

The National Service Scheme(NSS) is an Indian government-sponsored public service program conducted by the Department of Youth Affairs and Sports of the Government of India. Popularly known as NSS, the scheme was launched in Gandhiji's Centenary year, 1969. NSS (National Service Scheme) activity is one of the primary activities for social services and learning importance at the very young stage while students are graduating.

NSS unit in JSS Academy of Technical Education, Bengaluru is active since the inception of this institution. NSS unit of JSSATEB has conducted many social services namely Swatch Bharath Abhiyan, Blood Donation Camp, Preparation and Plantation of seed-balls, Special camp, Health check-up camp and Walk athontoraise awareness about drugs etc.

The National Service Scheme and Centre for Interdisciplinary Research from JSS Academy of Technical Education, Bengaluru organized Sasyotsava 2023 (Plantathon), a social outreach program towards restoration of forest on 14th April, 2023 in association with SPR Nisarga, Bharat Petroleum Corporation Limited (BPCL) and Forest, Ecology and Environment Department, Government of Karnataka at Savandurga State Forest, Ramanagara District.

The NSS unit and department of Civil Engineering from JSSATE, Bengaluru conducted a survey of Bio-Park in Bengaluru University, Jnana Bharathi, Bengaluru from 18th to 19th of April 2023 in association with Yuvaka Sanga, Jayanagar, Bengaluru. Dr. Girish N, NSS Programme Officer and Dr. Santhosh B S did a field visit on 17th of April 2023. Six volunteers, Mr. Jhenkar S K, Foreman and Mr. Mahesha, Instructor of JSSATEB conducted the survey at Biopark, Bengaluru University from 18th to 19th April 2023. The objective of the study was to identify suitable locations for rainwater recharge pits using total station survey and contour mapping techniques.

All the volunteers followed the cleanliness pledge along with the NSS Programme Officer. "I take this pledge that I will remain committed towards cleanliness and devote time for this. I will devote 100 hours per year, two hours per week, to work for cleanliness voluntarily. I will neither litter not let others litter. I will initiate the quest for cleanliness with myself, my family, my locality, my village and my work place." Volunteers are made into five groups and assigned different locations on campus. Students participated enthusiastically in the campus cleaning drive and most of the campus is cleaned

The NSS unit of JSS Academy of Technical Education, Bengaluru organized an intercollegiate Poster Making Competition for 2nd PUC Science, Diploma, and degree students of all streams from 29th May to 5th June 2023 on the occasion of "World Environment Day".

**Poster Created By Biswajit Debnath,
Dynamic College of Fine Arts, Sodhpur**

The poster of the competition was designed and floated in social media, and WhatsApp groups on 29th May 2023. The competition attracted 98 students from different disciplines and geographical areas. Ms. Nandini Suresh, Sri Kumarn's Public School, Mallasnadra, Bengaluru judged the winners of the competition, and the winners were announced on 20th June 2023.

Poster created by Adarsh Dubey

On the occasion of India being the president of G20 countries, the NSS Unit of JSSATE, Bengaluru, organized the "Exhibition Competition" on Indian Knowledge System and "Elocution Competition" on the topics Food Security, Clean and Renewable Energy Sources, Education and Skill Development, Global Health on 27th July 2023, at JSSATE, Bengaluru.

**Participants of G20 Competitions at
JSSATE, Bengalur**

UNNAT BHARAT ABHIYAN

The conceptualization of Unnat Bharat Abhiyan (UBA) started with the initiative of a group of dedicated faculty members of Indian Institute of Technology Delhi working for long in the area of rural development and appropriate technology. The concept was nurtured through wide consultation with the actively involved people in rural development viz.,representatives of a number of technical institutions, Coordinators of Rural Technology Action Group, Voluntary organizations and Government agencies, etc. during anational workshop held at IIT Delhi in Sept. 2014. The program was formally launched by the Ministry of Education in presence of The President of India on 11th Nov. 2014. People can participate in UBA in any of the capacities such as a prospective Mentoring Institute, a Participating Institute, as a Subject Expert, as a Voluntary Organization, as a Developmental Agency, as a Philanthropist or a CSR Promoter,as NSS Member,As an Enthusiastic Volunteer,etc.based on the present status,competence and interest of the individual. JSSATE, Bengaluru wass elected as a Participating Institute from UBA in the academic year 2018-19.JSSATEB has adopted 05 villages under UBA (Bettanapalya, Bheemanakuppe, Maragondanahalli, Ramohalli, Challaghatta).

YOUTH RED CROSS

The Youth Red Cross (YRC) is a most important constituent of its mother organization Indian Red Cross Society. YRC aim sat inculcating the 7 fundamental principles of the Red Cross movement viz., Humanity, Impartiality, Neutrality, Independence, Voluntary Service, Unity and Universality. The Youth Red Cross is organized With a view to develop and deploy student youth resource for working towards these principles. JSS Academy of Technical Education, Bengaluru has been affiliated to the Youth Red Cross Wing of the Indian Red Cross Society (Karnataka State Branch) Bengaluru in terms of Government of Karnataka, Department of Higher Education. Vide Order No: ED 38 Vividha, 2016 dated:17/06/2016. The YRC of JSSATEB organized Blood Donation Camps in collaboration with NSS unit of the institution.

DATTI AWARDS

To encourage and support the meritorious and economically weak students, many donors came forward and deposited some corpus amount in JSS Mahavidyapeeta, Mysuru. The interest earned by the deposited amount is being distributed to the students every year.

1. **Smt. Suvarnamma and Shri ANVishvesvarayya Datti award**

This award was initiated by Sri. A N Vishvesvarayya from the academic year 2013-14. A corpus amount of Rs.12 lakhs, depositedto JSS Mahavidyapeetha, Mysuru.The interest earned every year by the deposited amount will be paid to 5 students. Students (four girl students and one boy student) will be identified for this award based on their family annual income and individuals'meritin12th standard. A committee will be formed by the institution to identify the deserving students for the award and the amount will be given to the students during the month of May.

1. **Sri Siddappa Siddalingappa Dattiaward**

This award was initiated by Prof. SSiddappa (Retd. Professor, Dept.of Civil Engg.,UVCE, Bengaluru) in the name of his father Sri Siddalingappa during the academic year 2001-02. A corpusamount of Rs. 35,000/- was deposited to JSS Mahavidyapeetha, Mysuru. The interest earned every year will be used to honour two topper formers in eighth semester University examinations.

2. **Sree Shivarathrishwara Datti award**

This award was initiated by Dr. Mrityunjaya V. Latte, (Principal, JSSATE, Bengaluru) and Dr. A M Shivakumar (Former Administrative Officer, JSSATE, Bengaluru) from the academic year 2013-14.Two top performers will be considered for this Datti award based on the average highest marks scored in the two semesters during first year. A corpus amount of Rs. 50,000/- was deposited to JSS Mahavidyapeetha, Mysuru and the interest earned every year by this amount will be given for two meritorious students.
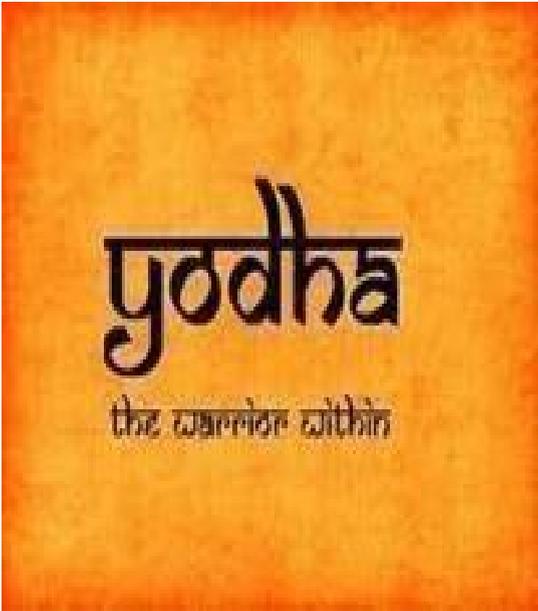
Student volunteers of JSS Academy of Technical Education, Bengaluru on their own initiation started YODHA (The Warrior Within In) on 24th September 2013 to demonstrate their social awareness skill and help the needy one. Yodha implies a warrior. A fighter, Not to fight battles, not to wage wars but to bring peace to their rational society of ours. Each one of us desperately wants a change in the way our society works. Every one of us are longing for a fresh breath of air. As the saying goes, "If you want change, then, be the change", it is absolutely pointless and inappropriate to wait for something drastic to suddenly happen.

It is our nation. Our India. We are the youth, the people responsible tomake the drastic change a real thing. Realising our responsibility towards our country, we started with our small contributions. We thought we should start with the place we spend most of our time. Yes! Our college

JSS MAHAVIDYAPEETHA

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ANNUAL REPORT

2024-25

Department of Physics _ANNUAL REPORT _(August 2024- May 2025)

ABOUT THE DEPARTMENT

The Department of Physics of JSS Academy of Technical Education Bangalore is a dynamic and innovative academic unit dedicated to fostering excellence in the field of physics education and research. Founded on a strong base of theoretical knowledge and practical applications, the Department offers a rigorous curriculum designed to cultivate critical thinking, problem-solving skills, and a deep appreciation for the fundamental laws governing the universe. Our department is committed to providing students with a comprehensive understanding of fundamental principles in physics and preparing them for a wide range of careers and further academic pursuits. In addition to classroom instruction, the department places a strong emphasis on activity based learning such as hands-on laboratory experiences, encouraging students to engage in experimental work that complements their theoretical learning. Our state-of-the-art laboratories are equipped with cutting-edge instruments and technology, enabling students to conduct experiments, analyze data, and contribute to the advancement of scientific knowledge. Our faculty consists of esteemed researchers, educators, and experts in various specialized areas of physics, ensuring that students receive a well-rounded education that covers a broad spectrum of topics. As part of our commitment to research and innovation, the Department is actively involved in groundbreaking research endeavors across multiple disciplines

VISION, MISSION OF THE DEPARTMENT OF PHYSICS

Vision:

Creating a thrust for research with societal concern by way of clear understanding the fundamentals of science and applying it to the real-time situation.

Mission:
- To mould a budding engineer with the finer aspects of the basics of Physics.
- To explore the opportunities to innovate in contributing to the advancement of Science and Technology

FACULTY DETAILS WITH PHOTOGRAPH (DESIGNATION, DEGREE, TOTAL EXP)

Sl No	Name of the Faculty	Photo	Designation	Degree	Experience
1	Dr. Nithyanand Choudhary		Professor	M.Sc., Ph.D	29
2	Dr. Prasanna Kumar.S		Professor	M.Sc., Ph.D	29
3	Dr. Shashidhar R		Associate Professor& Head	M.Sc., Ph.D	29
4	Mr. Raveesh S		Assistant	M.Sc.	

			Professor		
5	Dr.Abhilasha Singh		Assistant Professor	M.Sc., Ph.D	10
6	Dr. Sushma K C		Assistant Professor	M.Sc., Ph.D	15
7	Mr.MohanaKumara LB		Assistant Professor	M.Sc	11

NON TEACHING FACULTY DETAILS WITH PHOTOGRAPH (DESIGNATION, DEGREE, TOTAL EXP)

Sl No	Name of the Staff	Photo	Designation	Degree	Experience
1	Mrs. Jyothi H R		Instructor	B.Sc, M.Sc, B.ED	7
2	Mr. Bhaskar R		Instructor	BE-ME	8
3	Mr. Shivamurthy		Helper	ITI	14
4	Mrs. Shanthamma. C		Peon	SSLC, I PU	29

RESEARCH PUBLICATIONS/CONSULTANCY/PATENTS/FUNDED PROJECTS

Journal Publications: 2024

1. Prakasha G.S, Shashidhar R, Madhukeswawa R.S, Influence of isochronal heat treatment on spray-deposited mixed phase tin based thin films for ammonia gas sensor applications, Results in Surfaces and Interfaces, **https://doi.org/10.1016/j.rsurfi.2024.100348**

Journal Publications: 2025

1. S Uday Balegar, R Shashidhar, A Raghu, Influence of thickness on structural, morphological, compositional and optical properties of RF-sputtered Al:ZnO thin films, Indian Journal of Science and Technology, Volume 18, Issue No.24, pp. 1896-1907. **https://doi.org/10.17485/IJST/v18i24.758**.
2. Prasanna Kumar S, Umesh TK, Compton Profile of Ta for 59.54 keV gamma radiation source for industrial applications, High Technology letters, Volume 31, Issue 6, pp. 558-561, 2025. **https://doi.org/10.5281/** zenodo.16728332
3. Abhilasha Singh and Shri Singh, Application of thermodynamic model to study the electro-optical and structural properties of ferroelectric liquid crystal W-212, Phase Transitions, https://doi.org/10.1080/01411594.2025.2528804.

FACULTY ACHIEVEMENTS –

1. Dr.Abhilasha Singh has attended International conference on recent trends in Materials Science at Kristu Jayanti College, Bengaluru, on 3rd -4th April 2025.


2. Mr. PRAKASHA G S, research scholar of department of Physics research center**,** JSS Academy of Technical Education, Bangalore pursuing under the guidance of Dr. R Shashidhar, ASP, HOD of Physics, JSSATEB-60 was awarded PhD for the thesis entitled "**MICRO STRUCTURAL, ELECTRICAL & OPTICAL CHARACTERIZATION OF ZINC OXIDE AND TIN SULFIDE THIN FILMS PREPARED BY SPRAY PYROLYSIS AND SOL GEL SPIN COATING TECHNIQUES TOWARDS THE DEVELOPMENT OF SENSOR AND SOLAR CELL** from VTU, Belgavi.

STUDENT ACHIEVEMENTS (RANK, BE HONORS, HACKATHON, STIPEND, INTERNSHIP, PRIZE,CO-CURRICULAR ACTIVITIES)-
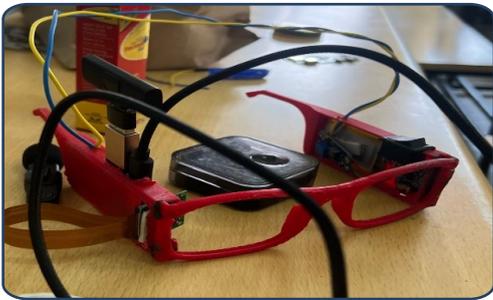
- **Skill lab _odd sem_24-25**

The Department of Physics successfully conducted a **Skill Lab** for the **odd-semester students of the 2024-25 Academic Year**. Students from multiple branches, including **Electronics and Communication (A, B, and C), Electronics and Instrumentation (EIE), Civil, Mechanical, and Robotics Engineering**, actively participated in the event. A total of **22 innovative projects** were developed under the guidance of faculty members from the Physics Department. The projects covered a wide range of fields, including **IoT, communication, smart technology, optics, energy storage, and astrophysics**.
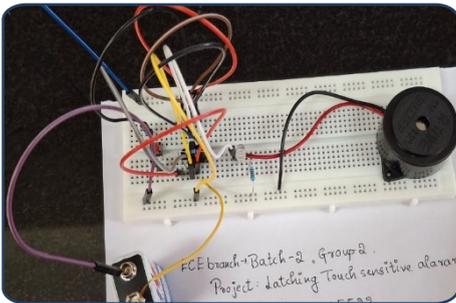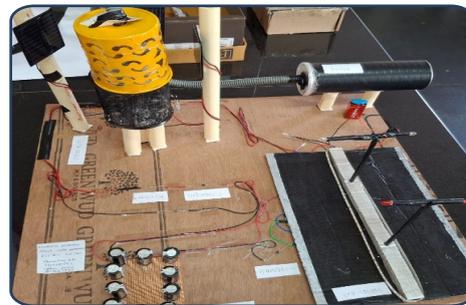

Latching Touch Sensitive Alarm

Sustainable floating house

Smart glasses for enhanced mobility of the visually impaired

Production of electricity using waste

Online fire detection and alert system

RFID based smart traffic light control system

Skill lab _ Even Sem_24-25

The Department of Physics conducted a Skill Lab for the even-semester students of the 2023-24 Academic Year. Students from various branches, including CSE (A, B, and C), ISE (A, B and C) and AIML (A and B) actively participated, culminating in a total of 32 projects supervised by the faculty members of the Physics Department. The Department has received projects in various areas, including IoT, communication, smart technology, optics, energy storage, and Astrophysics.
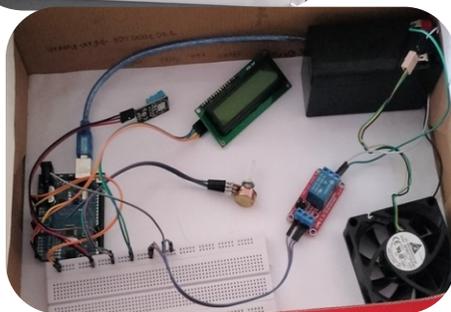

Automatic Plant Watering System
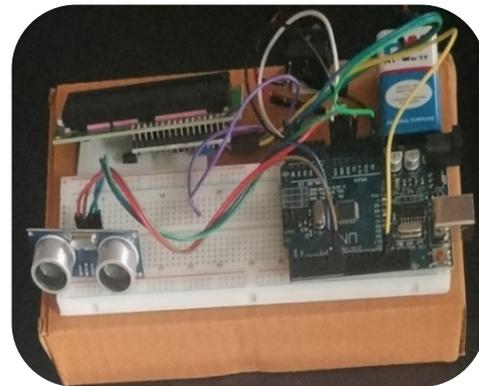
Measurement of Distance Using Ultrasonic Sensor

ctor

Temperature based fan Control and Monitoring using Arduino

Smart Irrigation System

JSSATE BENGALURU

Department of Physics
Congratulations!

Toppers in Physics 1st Sem Examination, February 2025

FCD: 48.29%
FC: 23.83%
Pass: 86.08%

Applied Physics for EEE Stream

Lakshmi SN
1JS24EC066
93 Marks

Shripurna J Patil
1JS24EC150
91 Marks

Dawan B
1JS24EC036
90 Marks

Pruthvi P Hegde
1JS24EC107
90 Marks

Harshitha JN
1JS24EI019
89 Marks

Applied Physics for ME Stream   #### Applied Physics for Civil Stream

CM Lohith
1JS24ME012
90 Marks

Stuthi Maiya
1JS24RA024
92 Marks

Niveditha MP
1JS24CV017
89 Marks

Best Wishes from
Management, Principal, HOD, Faculty and Staff Members

JSSATE BENGALURU

Department of Physics
VTU SEE RESULT (II SEMESTER, JULY 2025)
OUR TOPPERS

Our 90's Club: 76 students

FCD %: 72
FC % :16

Pass %: 93

Chidananda KP
1JS24CS048
98

Chinmayi Rao
1JS24CI022
98

Nayana DK
1JS24CS116
98

Ashika
1JS24CS029
97

Deepika B N
1JS24CS048
99

Meera
1JS24IS093
100

Nishitha PR
1JS24CI047
100

Sughosh JS
1JS24CS168
99

Lakshitha R
1JS24CS092
97

Pragna
1JS24CS128
97

Bhargavi S
1JS24CI016
97

Paavani Gowda M
1JS24CI048
97

Best Wishes from
Management, Principal, HODs, Faculty and Staff

(Events/Seminars/FDP/SDP/Conference/Technical talks organized (SHORT REPORT WITH PHOTOGRAPHS)

1. Work shop on telescope making at department of Physics, JSSATE, Bangalore-60

National space day celebration-2024 on 22nd August 2024Program was arranged for students of JSS School, Ganakal, and Bangalore. Program was jointly organized by NSS and department of Physics.

Resource person: Dr.RShashidhar, ASP and Head, Department of Physics, JSSATE, Bangalore-60.
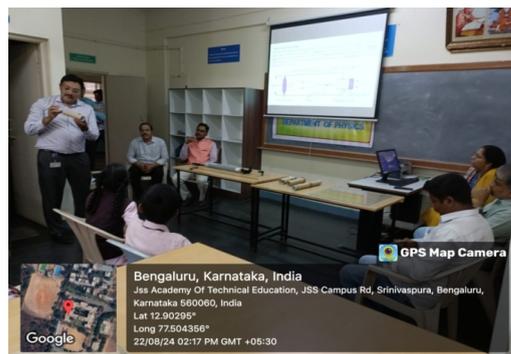
RESULT ANALYSIS 2024-2025 (ODD)

Section	Faculty	No. of Students	Studentsappeared	Fail percentage	FCD	FC	SC	Pass	Fail	Result Percentage
EC A	AS	66	66	6.45	34	19	9	62	4	93.93
EC B	SPK	59	57	5.26	28	14	8	50	3	87.71
EC C	NNC	55	49	8.16	36	8	0	45	4	91.83
EIE	LBM	59	57	24.56	16	16	11	43	14	75.43
MECH	KCS	33	33	18.18	12	9	5	27	6	81.8
RA	KCS	30	30	13.33	20	5	1	26	4	86.6
CIVIL	RS	33	31	19.35	10	6	7	25	6	80.6
Total		335	323	12.69	156	77	41	278	41	86.1

Result Analysis 2024-25 (EVEN)

Section	Faculty	No. of Students	Students appeared	Fail percentage	FCD	FC	SC	Pass	Fail	Result Percentage
CSE A	KCS	63	63	4.76	45	11	04	60	03	95.23
CSE B	LBM	64	62	6.45	44	10	04	58	04	93.54
CSE C	NNC	63	58	3.45	47	08	01	56	02	96.6
ISE A	SPK	62	62	8.06	49	06	03	57	05	93.44
ISE B		61	61	8.19	41	09	06	56	05	91.8
ISE C	NNC	62	62	6.45	41	13	04	58	04	93.54
AIML A	RS	47	46	15.21	30	08	01	39	07	84.79
AIML B	AS	47	47	6.38	35	07	01	44	03	94
Total		469	461	7.15	331	72	24	428	33	92.84

JSS Mahavidyapeetha
JSS Academy of Technical Education
Dr. Vishnuvardhan Road, Srinivasapura post Bangalore 560060
www. Jssateb.ac.in

Department of Chemistry

ABOUT THE DEPARTMENT

The Department of Chemistry is one of the first Departments (1997) to function with dedicated faculty members, modern laboratories, a vibrant research atmosphere, ample prospects for hands-on research experience, access to sprouting and precocious research areas such as advanced materials for engineering applications, bio-inorganic chemistry, bio-organic chemistry, tissue engineering, nanomaterials, biocatalysis, coordination chemistry, water treatment and smart materials for food preservation. It is a perfect place for young minds to pursue their higher education in Chemistry. Our devotion to excellence in pedagogy and research has enabled the students to accomplish distinction in academia and industry. With state-of-the-art research facilities and efficient management, our academic staff have participated in several rewarding collaborations with leading multinational specialists in academia and disseminated more than 90 research articles and a few textbooks. The dedication of our department and our faculty members towards research and teaching have been recognized by the funding agencies like DST and VGST with research projects. To carry out research, the R&D lab presently houses equipment such as Gas Chromatograph, Karl Fisher Analyser, Rota-evaporator, UV-Visible spectrophotometer, FT-IR spectrophotometer, and corrosion testing tools. Students are provided a comprehensive practical exposure at regular intervals to diverse instrumental methods necessary for their studies.

VISION, MISSION OF THE DEPARTMENT

Vision

To empower the students with the fundamentals of chemistry for an active career in technical education and research.

Mission

- To contribute quality education in applied chemistry
- To inculcate the significance of chemistry for research and innovation.

FACULTY DETAILS WITH PHOTOGRAPH (DESIGNATION, DEGREE, TOTAL EXP)

#	Name	Qualification (Specialization)	Designation	Exp in yrs	Photo
1	**Dr. Mahesh B**	M.Sc., Ph.D. (Synthetic Organic Chemistry)	Dean-Research and Professor of Chemistry	28	

2	Dr. Roopashree B	M.Sc., Ph.D. (Co-ordination and Bio-Inorganic Chemistry)	Associate Professor & HOD	29	
3	Dr. Kathyayani D	M.Sc., Ph.D. (Peptide synthesis)	Assistant Professor	16	
4	Dr. Puneetha J	M.Sc., Ph.D. (Nanomaterial synthesis for Environmental remediation)	Assistant Professor	16	
5	Dr. Chamaraja N. A	M.Sc., Ph.D. (Analytical Chemistry)	Assistant Professor	17	
6	Ms. Bindhu S	M.Sc., (Ph.D.) (Polymer Science)	Assistant Professor	5	

NON-TEACHING FACULTY DETAILS WITH PHOTOGRAPH (DESIGNATION, DEGREE, TOTAL EXP)

#	NAME	Qualification	Designation	Exp in Yrs	Photo
1	Mr. Basavaraju B.R	MSc., (Chemistry), PGDCA	Lab Instructor	25	
2	Mr. Manjunatha	DME	Lab Instructor	16	
3	Mr. Suresha C.S.	B.A., B.Lib.,	Lab Helper	8	

RESEARCH PUBLICATIONS/CONSULTANCY/PATENTS/FUNDED PROJECTS

1. Shilpa, M. L., **Roopashree, B.,** & Gayathri, V. (2025). Polymer-anchored vanadium (IV)–substituted benzimidazole: an Efficient green catalyst for aqueous oxidation of organic substrates. Research on Chemical Intermediates, 1-25.

2. Lokesh, H. R., **Kathyayani, D., Mahesh, B.,** Suhas, P., Prasad, C. M., Rekha, N. D., ... & Klepka, T. (2025). Examination of physicochemical characteristics of blends of synthetic elastin-mimetic polypentapeptide with Chitosan: Inhibitory potential on pancreatic α-amylase. *Materials Chemistry and Physics*, 131529.

3. Swamy, M. M., **Roopashree, B.,** Vergis, B. R., Sowmyashree, A. S., & **Kathyayani, D.** (2025). Decoding the Mechanisms of Dyes and Heavy Metals via NiO Nanoparticles: Kinetic and Isothermal Perspectives. *Topics in Catalysis*, 1-14.

4. **Puneetha, J**., Kottam, N., Rajendrachari, S., Swarna, S., Shivaram, S. J., & Sriariyanun, M. (2025). Efficient Removal of Crystal Violet Dye Using Visible-Light-Active Mixed Phase Titanium Dioxide Nanoparticles: Synthesis, Degradation Kinetics, and Reusability Assessment. *Topics in Catalysis*, 1-25.

5. Ganesh, P., **Mahesh, B., Roopashree, B**., Revanasiddappa, M., & Gayathri, V. (2025). Improved electromagnetic shielding, optical, electrical and structural, behaviour of Poly (methylmethacrylate) composites with an Iron (III) benzimidazole complex. *Solid State Communications*, 116136.

6. Aishwarya, H. N., **Bindhu, S**., Asha, R., Bhoomika, S., & Nagashree, S. (2025). Investigating the morphological properties of poly (lactic acid)/gadolinium oxide and poly (lactic acid)/yttrium oxide nanocomposite films for optical applications. *Discover Applied Sciences*, *7*(10), 1174.

7. Prabhuswamy, V. B., Ningappa, K. S., Sangameshwar, M. B., Prakash, B. K. S., Rajanna, K., **Basavaraju, M**., & Ankanathappa, S. M. (2025). Enhanced Optical and UV Shielding performance of CoFe2O4@ GONDs Embedded PVA nanocomposites. *Polymer*, 129137.

8. Martiz, R. M., Ramu, R., Nambisan, H., Suhail, A., Raish, M., Patil, S. M., ... **Basavaraju, M**., & Tang, X. (2025). Identification and 3D modeling of bioactive peptides from Lactobacillus brevis RAMULAB49 protein hydrolysate with in silico ERK1 phosphorylation inhibition activity targeting diabetic nephropathy. *Plos one*, *20*(9), e0331192.

9. Pavithra, S., **Kathyayani, D**., Nanjundaswamy, G.S.*,* Soundarya, T.L·, Thejas, R·, Gouri Mirji., Krishna, B.S., Nagaraju, G., Dr. Prashanth, B. (2025). Green-synthesized YSZ/polypyrrole nanocomposites for enhanced electrochemical and butane gas sensing applications. *Ionics*, 1-14.

10. Shende, V. S., Jain, A., **Basavaraju, M**., & Zodape, S. P. (2025). Volumetric and Compressibility Studies of Antimycobacterial Drug in Aqueous and Aqueous d-Glucose Solutions at Various Temperatures. *Journal of Chemical & Engineering Data*, *70*(5), 1918-1929.

11. Divakara, S. G., **Mahesh, B.,** Jayanna, B. K., & Anil Kumar, H. G. (2025). Photocatalytic degradation of crystal violet dye using honey mediated synthesis of NiFe2O4 nanoparticles. *Green Chemistry Letters and Reviews*, *18*(1), 2543931.

12. Shende, V. S., **Mahesh, B.,** Patel, V., Chaudhary, R. G., & Zodape, S. P. (2025). Thermodynamic and Compressibility Studies of Naphazoline Hydrochloride in Aqueous

and Aqueous l-Valine Solutions: Insights into Molecular Interactions and Solvation Behavior. *Journal of Chemical & Engineering Data*, 70(8), 3123-3139.

13. Swamy, M. M., Prashanth, G. K., Shilpa, C. D., Sowmyashree, A. S., Chougala, M., Gurushantha, K., ...**Kathyayani, D** & Prashanth, B. (2025). Eco-Friendly Synthesis of CuO Nanoparticles Using Plant Extract: Structural, Functional, and Graph Theory-Based Analysis for Advanced Applications. *Chemistry Africa*, 1-15.

14. Suhas, P., **Mahesh, B**., Divakara, S. G., Nanjundaswamy, G. S., Mahadevaprasad, C. S., Sionkowska, A., ... & Gowda, D. C. (2025). Synergistic approaches in natural and synthetic polymer blends for biomedical applications-A review. *European Polymer Journal*, 114161.

15. Kavya, H. V., **Chamaraja, N. A**., Rekha, N. D., Suraj urs, B. S., Sneha, C. S., & Devanoor, A. (2025). Photocatalytic application of Poly-vinyl alcohol/sodium doped zirconium oxide nanocomposites against effective removal of indigo carmine dye and its agricultural application. *Analytical Chemistry Letters*, 1-14.

16. Rajendrachari, S., Mahale, R. S., Ramkumar, R., **Puneetha, J**., Jayaprakash, G. K., & Nagarajappa, H. (2025). Electrochemical analysis of L-Tyrosine sensor using ball-milled duplex stainless steel alloy powder. Inorganic Chemistry Communications, 177, 114360.

17. Pavithra, S., **Kathyayani, D**., Rao, H. A., Soundarya, T. L., Krishna, B. S., & Nagaraju, G. (2025). Influence of Sodium lauryl sulphate as surfactant on structural, morphological, electrical, and biological properties on Polypyrrole/CeO2 composites. Solid State Communications, 400, 115918.

18. Kokila, N. R., **Mahesh, B**., Ramu, R., Divakara, S. G., Mruthunjaya, K., Raghav, N., & Boreddy Shivanandappa, T. (2025). Combined in vitro and in silico approach to define alangimarckine from Thunbergia mysorensis leaves as a potential inhibitor of α-glucosidase. *Journal of Biomolecular Structure and Dynamics*, 1-20.

19. **Roopashree, B., Mahesh, B.,** Ramu, R., Rekha, N. D., Thekkekkara, D., & Gayathri, V. (2025). Cytotoxic, antimicrobial, and angiogenesis inhibition activity of novel Cobalt (II) complexes of substituted benzimidazole: Molecular docking simulation and Inhibition kinetics. *Journal of Molecular Structure, 1327,* 141141. https://doi.org/10.1016/j.molstruc.2024.141141

20. **Chamaraja, N. A.,** Swamy, N. K., Shivakumar, V., Kavya, H. V., & **Basavaraju, M.** (2025). Evaluation of peroxidase mimetic properties of cobalt ferrite (CoFe2O4) nanoparticles and their applications in the assay of aminophenols in water samples. *Nanotechnology for Environmental Engineering*, 10(1), 15.

FACULTY ACHIEVEMENTS

- **Dr. Mahesh B**., was invited as a Research Scientist at the Department of Chemistry of Biomaterials and Cosmetics, Faculty of Chemistry, Nicolaus Copernicus University, Torun, Poland for the third consecutive time in November 2025
- **Dr. Mahesh B**., Dean Research, has been appointed as BOE- Chairman of Chemistry (composite) board by VTU.

RESULTS:

Result analysis of I/II Semester (2024-25)

	EXAM APPEARED	FCD %	FC %	SC %	PASS	FAIL	ABSENT	%PASS
				I Sem				
CSE	188	135	38	7	1	7	0	96.28
ISE	185	137	30	14	0	5	0	97.30
AIML	92	65	12	13	0	2	0	97.83
TOTAL	465	337	80	34	1	14	0	97.13

RESULT ANALYSIS I SEM 2024-25
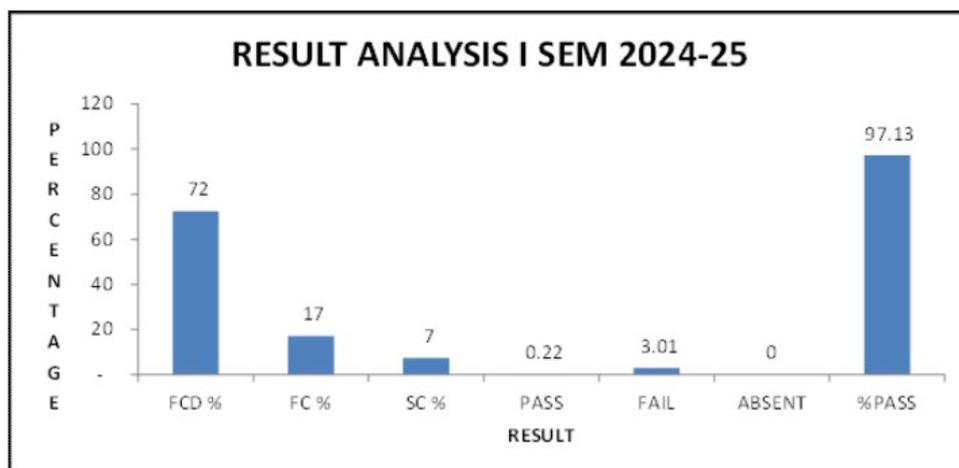
	APPEARED	FCD	FC	SC	PASS	FAIL	NE	ABSENT	PASS %
				II Sem					
ECE	175	118	35	15	1	6	4	0	96.6
EIE	56	29	11	15	0	1	1	0	98.2
MECH	31	11	9	5	1	5	2	0	83.9
RA	29	19	3	3	1	3	0	0	89.7
CIVIL	26	8	4	9	3	2	4	0	92.3
	317	**185**	**62**	**47**	**6**	**17**	**11**	**0**	**94.6**
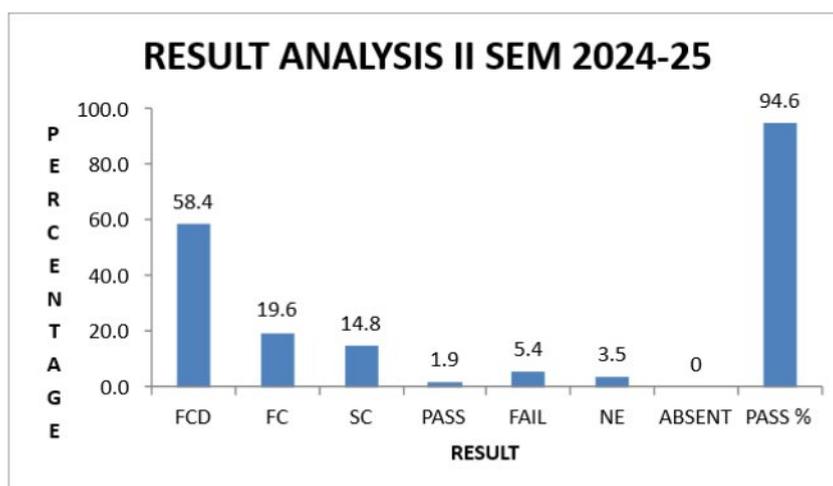
RESULT ANALYSIS II SEM 2024-25

Events/Seminars/FDP/SDP/Conference/Technical talks organized (SHORT REPORT WITH

PHOTOGRAPHS)

"International Conference on Polymers for Sustainable Development" was organised by the Department in association with Nicolaus Copernicus University, In Torun, Poland on 07.02.2025 in online mode.
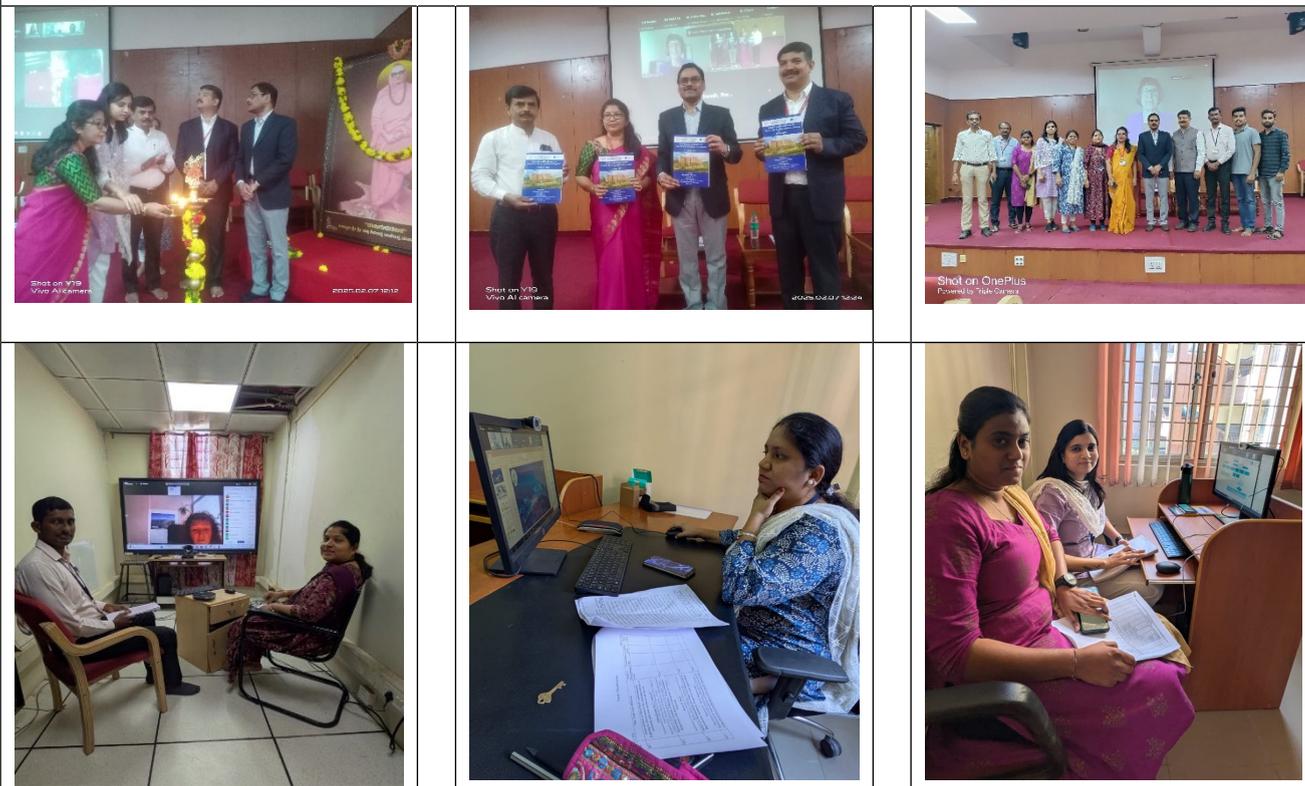
"National Science Week -2025" Celebration from 07.04.2025 to 19.04.2025 and expert talk by Dr. Gurumurthy Hegde, FRSC, Director, Centre for Advanced Research and Development, Christ University, Bengaluru on 19.04.2025

Department of Mathematics

ABOUT THE DEPARTMENT

The Department of Mathematics at JSSATE is highly focused on imparting quality education and supports the core departments in teaching mathematics for both UG and PG students in their quest for mathematical thinking. Mathematics is one which unifies all branches of science and technology and it reflects the spirit of rationality and plays a very significant role in shaping the career of an engineering student to meet the global challenges.

The Department has 7 qualified and experienced faculties of which six are doctorates and one pursuing their Ph.D, which forms the backbone of the department. The result of the Mathematics subjects is consistently good and attains a success rate of 80% and above in the university examinations. The faculty members are guiding research students leading to Ph.D degree in Visvesvaraya Technological University (VTU) Belagavi, and have published more than 120 papers in National/International journals and conferences. The thrust areas of research are in Fluid Mechanics, Analysis, Complex Analysis, Number theory etc. The faculty members are upgrading their knowledge in their respective domains by enrolling to NPTEL courses, Coursera, attending faculty development programs, seminars, workshops and by delivering guest lectures, presenting papers in the National/International conferences. The students are abreast about the latest developments and real-world applications of the concepts learnt in their curriculum. Few interested UG students are also involved in research under their guidance leading to publication. The department has organized Guest lecturers, workshop, Symposium, FDPs on topics like Numerical Methods, Fourier series and Transforms, Vedic Mathematics, Modeling and IQ development for the benefit of students by eminent speakers from reputed institutions such as Tata Institute of Fundamental Research (TIFR) and Indian Institute of Science (IISc). The department organises National Mathematics day in honour of great Mathematician   Dr S. Ramanujan.

VISION, MISSION OF THE DEPARTMENT

Vision

- To be one of the best departments in providing the quality education in Science and Engineering.

Mission

- To inspire students to gain in depth knowledge in Mathematics for engineering applications.

- To establish the centre of excellence in pure and applied mathematics involved in research.

FACULTY DETAILS WITH PHOTOGRAPH (DESIGNATION, DEGREE, TOTAL EXP)

Name: Dr C V Vinay Designation: Professor Qualification: M.SC, Ph.D Experience: 28 Years	
Name: Dr. K M NAGARAJA Designation: Associate Professor Qualification: M.SC, Ph.D Experience: 28 Years	

Name: Dr. SHALINI M PATIL Designation: Assistant Professor Qualification: M.Sc, M.Phil, Ph.D Experience: 26 Years		
Name: Dr. B. Umadevi. Designation: Assistant Professor Qualification: M.Sc, B.Ed., M.Phil, Ph.D Experience: 26 Years		
Name: Dr. Girish N. Designation: Assistant Professor Qualification: M.Sc, M.Phil, Ph.D Experience: 19 Years		
Name: Dr. Nandini P. Designation: Assistant Professor Qualification: M.Sc, B.Ed., M.Phil, Ph.D Experience: 15 Years		
Name: Mrs. Dhanya P. Designation: Assistant Professor Qualification: M.Sc, B.Ed., M.Phil, Ph.D Experience: 7 Years		
Name: Mr. Satisha M Designation: Assistant Professor Qualification: M.A, B.Ed, PGDKS Experience: 5 Years		
Name: Mr. Chethan S. Designation: Assistant Professor Qualification: B.E, LLB Experience: 1 Years		

RESEARCH PUBLICATIONS/CONSULTANCY/PATENTS/FUNDED PROJECTS

1. Shivakumar, V., Vinay, C. V., Sankar, M., Altmeyer, S. A., & Al Maqbali, A. (2025). Buoyant Convective Thermal Transport in a Discretely Heated–Cooled Porous Parallelogrammic Configuration Saturated with Nanofluids: A Tiwari and Das Approach. *Mathematics*, *13*(21), 3516.

2. Swathi, M., Smitha, M. G., Sampath Kumar, R., & Nagaraja, K. M. (2025). Topology, connectivity, and charge transport in gallium nitride: A graph theory framework. Periodico di Mineralogia, 94(4), 164–175.

3. Vasantha, G., Sri Lakshmi, T., Umadevi, B., Someshwar, S., Soma Shekar, C., & Santosh Kumar. (2025, February). Mathematical modeling of epidemics: A study on the spread of infectious diseases. Panamerican Mathematical Journal, 35(1), 105–118.

4. M. C. Ramanna, U. K. K. Nanjappa, S. Reddy Perla, K. M. Nagaraja, S. Ramachandraiah, and V. B. Siddappa, "The Efficacy of the Mean Filter on the Noise Reduction of Digitalized Images", Eng. Technol. Appl. Sci. Res., vol. 15, no. 4, pp. 24291–24297, Aug. 2025.

5. Dhanalakshmi, E., Narasimhan, G., Nagaraja, K. M., & Sampath Kumar, R. (2025). The double sequences and applications to convergences of compound mean. Zhuzao/Foundry, 28(7), 126–137.

6. Brinda, S., Sampath Kumar, R., Nagaraja, K. M., Nandhini, B. J., & Narasimhan, G. (2025). Gesture identification using Murihead mean filtering. Zhuzao/Foundry, 28(7), 100–112.

7. Manoharkumar, K. N., Dinesh, P. A., Shalini, M. P Sushma K C & Kavitha, S. (2025, October). *Optimizing and controlling of fluid flow, heat and mass transfer for 3D D–F nanofluid induced by bidirectional power-law nonlinear stretching sheet under various external constraints*. **Journal of Thermal Analysis and Calorimetry.** https://doi.org/10.1007/s10973-025-14771-y

8. Manoharkumar, K. N., Patil, S. M., & PA, D. (2025). Three-Dimensional Fluid Flow Over an Elastic Sheet Stretched Nonlinearly in Two Lateral Directions. Chemical Engineering & Technology, 48(2), e202400326.

9. Umadevi, B., Mytra, G. S., & Rupashree, M. P. (2025). Mathematical modelling of poroviscoelastic biofluid material for convection drift-diffusion dynamics within Caputo and Atangana–Baleanu operator. ZAMM-Journal of Applied Mathematics and Mechanics/Zeitschrift für Angewandte Mathematik und Mechanik, 105(6), e70116.
10. Nandini, P., Latha, S. (2025). Applications of Chebyshev Polynomials to a new subclass of bi-univalent functions connected to the Pascal distribution. Palestine Journal of Mathematics, 14(1).
11. Nandini, P., Dileep, L., & Latha, S. (2025). Bounds for a new subclass of bi-univalent functions related to shell-like curves associated with the (p, q)-salagean derivative. South East Asian Journal of Mathematics & Mathematical Sciences, 21(1).

FACULTY ACHIEVEMENTS

- **Dr. C V Vinay**., Professor, has been appointed as BOE- of Mathematics board by VTU for 2025-26.
- **Dr. Shalini M Patil**, Assistant Professor, Dept of Mathematics has organized a guest lecture on Critical Thinking: Logic Mathematics on 17/11/24 @ 11 am in Seminar Hall - 1.
- **Dr. Shalini M. Patil**, Assistant Professor, Department of Mathematics, successfully guided her research scholar Mr. Manoharkumar, who completed his final Ph.D. viva voce on 17/11/2025.

RESULT ANALYSIS

#	Subject	Semester	Pass Percentage %
1	Mathematics I	I	84.1%
2	Mathematics II	II	87.4 %
3	Mathematics III	III	95.6%
4	DMS	IV	91%

Events conducted
Events/Seminars/FDP/SDP/Conference/Technical talks organized (SHORT REPORT WITH PHOTOGRAPHS)

Title: Guest Lecture on **Critical Thinking: General, Mathematics and Logic**
Category: Guest Lecture
Date : 17th November 2025
Target audience: I/II year students
No. of Resource Persons: 01
No. of Participants: Around 150
Resource Person(s) with Designation:
Speaker 1: Dr. Nanadakumaran A.K
Professor and Chairman, Department of Mathematics, IISC Bangalore.
Topic : **Critical Thinking: General, Mathematics and Logic**
Mode: Offline
Objective:1. Critical thinking in General
2. Mathematics and Logical reasoning
3. Mathematics and Paradoxes
Brief report
The Department of Mathematics of JSSATE, Bengaluru has organized guest lecture on **Critical Thinking: General, Mathematics and Logic** on 17th November 2025 at 11 am in Seminar Hall -1. The program was presided by Dr. Bhimasen Soragaon, Principal, JSSATE Bangalore. Students of I/II year took part in the guest lecture.

DEPARTMENT OF CIVIL ENGINEERING

ABOUT THE DEPARTMENT

The Department of Civil Engineering was established in the year 2009, with the vision to produce responsible, technically qualified professionals with ethical and human values by providing excellent teaching learning and research. The department is accredited to National Board of Accreditation (NBA) with a current intake of 60.

The department has to its credit a team of qualified, experienced and dedicated faculty members. At present department have 8 faculty members with PhD degree and remaining faculty members in the department are carrying out their research work. The main aim of the department is to equip the students with the knowledge and expertise to grow professionally and contribute significantly to the society.

Department has established membership with professional bodies, such as Indian Concrete Institute (ICI) Bangalore center, Association of Consulting Civil Engineering (ACCE (I)) Bangalore Center and Builders Association of India (BAI) Bangalore Centre.

The Department of Civil Engineering has established a good relationship with core Civil Engineering Industries. Department is coordinating with more than 25 companies which are offering internship and placement opportunities to the students. The department regularly organizes Webinars, Student development programs, Faculty development programs, Conferences, seminars and Workshops for the betterment of the students and Civil Engineering fraternity.

VISION, MISSION OF THE DEPARTMENT

Vision

To produce responsible, technically qualified professionals with ethical and human values by providing excellent teaching-learning and research.

Mission

- Impart fundamental technical knowledge through learner-centric teaching methodology.
- Empower student and faculty by involving in co-scholastic and research activities.
- Equip students to face socio-technical challenges with ethical and human values.

FACULTY DETAILS WITH PHOTOGRAPH (DESIGNATION, DEGREE, TOTAL EXP)

#	Photograph	Faculty Name	Designation	Qualification	Total Experience
1		Dr. Santhosh B S	Professor	B.E., M.Tech., Ph.D.	15
2		Dr. Sanjay Shekar N C	Associate Professor & HOD	B.E., M.Tech., Ph.D.	13

#	Photograph	Faculty Name	Designation	Qualification	Total Experience
3		Dr. Hemalatha H N	Associate Professor	B.E., M.Tech., Ph.D.	17
4		Dr. Abdul Razak B H	Assistant Professor	B.E., M.Tech., Ph.D.	14
5		Dr. Shashikumara S R	Assistant Professor	B.E., M.E., Ph.D.	18
6		Mrs. Rashmi S M	Assistant Professor	B.E., M.Tech. (Ph.D.)	9
7		Mr. Abhishek R	Assistant Professor	B.E., M.Tech. (Ph.D.)	9
8		Ms. Harshitha M N	Assistant Professor	B.E., M.Tech. (Ph.D.)	9
9		Mr. Pramukh N	Assistant Professor	B.E., M.Tech. (Ph.D.)	8
10		Mrs. Apoorva S	Assistant Professor	B.E.,M.Tech. (Ph.D.)	10

#	Photograph	Faculty Name	Designation	Qualification	Total Experience
11		Mr. Basavaraj Akki	Assistant Professor	B.E., M. Tech. (Ph.D.)	8
12		Dr. P Nagabhushan	Assistant Professor	M.Sc., Ph.D., PGDH, B.LISc.	33

NON TEACHING FACULTY DETAILS WITH PHOTOGRAPH (DESIGNATION, DEGREE, TOTAL EXP)

#	Photograph	Name	Qualification	Designation	Total Experience
1		Mr. Mallesh T V	DME	Instructor	12
2		Mrs. Yashumathi V	DCE	Instructor	10
3		Mr. Mahesha	DCE	Instructor	8
4		Ms. Tejashwini K S	DCE	Instructor	7
5		Mr. D P Prakash	ITI	Helper	17

#	Photograph	Name	Qualification	Designation	Total Experience
6		Mr. Mahadevaswamy S	ITI	Helper	16
7		Mr. Vinay M S	ITI	Helper	14
8		Mr. Mahadevaswamy B	ITI	Helper	8
9		Mr. Chaluvaraju V	SSLC	ATTENDER	28

NUMBER OF STUDENTS ON ROLL:
TOTAL: 107
GIRLS: 30
BOYS: 77

RESEARCH PUBLICATIONS/CONSULTANCY/PATENTS/FUNDED PROJECTS

1. Dr Sanjay Shekar N C, Seismic and wind load assessment of multistory RC structures with integrated machine learning-based prediction models, Asian Journal of Civil Engineering, ISSN No. 15630854, 2522011X Volume No. 26. Issue No. 7. and Impact Factor: 3.13, Both WoS and Scopus, Date:29-07-2025.

2. Dr. Santhosh B S, Nanomaterials and Their Impact on Cement Paste Characteristics: A Review,Springer, ISSN 2366-2557, Volume 566, Pg No 267-275,Scopus, 7/1/2025

CONSULTANCY

Agency Name	Amount
RDPR	18,05,000
KRIDL	48,04,004
Nirmiti Kendra	87,244
Private Agencies	9,46,254
Total	**76,42,502**

PATENTS

#	Faculty/ Collaboration Names	Title of the Patent	Patent Area (Specialization)	Status (Granted/ Published)
		NIL		

FUNDED PROJECTS

Sl No	Funding for	Funding agency	FDP Title & Details	Funds received Rs.
1			NIL	

FACULTY ACHIEVEMENTS

#	Faculty	Achievements
01	Dr. Santhosh B S	• Qualified Technical Assessor for National Accreditation Board for Testing and Calibration Laboratories (NABL), Quality Council of India, Govt of India. • BOE Member at UVCE Bengaluru, SIT Tumkur, VVCE Mysuru, SJBIT Bengaluru, GAT Bengaluru. • Elected as Secretary of ICI-Indian Concrete Institute, Bengaluru Centre for the period 2024-26.
02	Dr. Sanjay Shekar N C	• Organized Seminar funded by SERB, Government of India, with a sponsorship amount of ₹1,20,000. This event reflects our commitment to advancing knowledge and fostering impactful academic discussions. • BOE Member at BMSCE, Bengaluru
03	Dr. Hemalatha H N	• Appointed as State level Technical committee expert member for "The Rural Drinking Water and Sanitation Department", Karnataka to work towards implementation of the Swachh Bharat Mission (Gramin), for setting up Faecal sludge treatment plants (FSTP) across rural Karnataka to manage black water for the year 2025-26.
04	Dr. Shashikumara S R	Organized a Two Weeks Master Trainers Training Program for the government officials on the topic of Advanced Concrete Technology and Construction Techniques (AC & CT). Jointly Organized By: Bharat Ratna Sir M. Visvesvaraya National Training Facility for Skills for All (BMVNTFSA) and Mokshagundam Visvesvaraya Center for Training Master Trainers in Skill Development (MVCTMTSD), Mudenahalli From 23rd September 2024 to 5th October 2024. Fund Received: ₹75,000

Skill Development Training (Hands on) to the Faculty and Staff Members of Civil Engineering Department at M/s Stedrant Techno Clinic Pvt. Ltd. from 5-02-2025 to 12-02-2025

Preamble:

A six-day Skill Development Training program was conducted for faculty and staff members at M/s Stedrant Techno Clinic Pvt. Ltd. The primary objective of this training was to enhance the technical skills of participants in conducting various laboratory tests related to cement, aggregates, and concrete. The training was aligned with NABL accreditation requirements, ensuring that faculty and staff are well-equipped with the necessary expertise to perform high-quality material testing and analysis.

Faculty and Staff Members List deputed for the training at M/s Stedrant Techno Clinic Pvt. Ltd:

Sl.no.	Name	Designation
1	Dr. Santhosh B S	Professor
2	Mrs. Rashmi S M	Asst. Professor
3	Mr. Pramukh N	Asst. Professor
4	Mr.Jhenkar S K	Foreman
5	Mr. Mallesh T V	Instructor
6	Mrs. Yashumathi V	Instructor
7	Mr.Mahesha	Instructor
8	Mr.D P Prahash	Lab Technician

Key Outcomes of the Training:

The 6-day Skill Development Training at M/s Stedrant Techno Clinic Pvt. Ltd. was a significant step towards achieving our goal towards NABL accreditation. Participants gained hands-on experience with advanced laboratory testing techniques.

• Faculty and staff members improved their knowledge of NABL accreditation standards and compliance requirements.

• Enhanced the capability of the institution to conduct high-quality testing and research in the field of Civil Engineering materials.

• Strengthened collaboration between academia and industry, leading to future opportunities for research and consultancy.

The training ensured that faculty and staff members are well-equipped with the technical skills required for material testing. The exposure gained during the program will contribute to improved laboratory operations, research capabilities, and industry collaborations.

Prof. Basavaraj Akki:

Congratulations to Basavaraj Akki from the Civil JSSATEB, JSSATEB Bengaluru for successfully completing the "One Week Workshop on Safe System Perspective on Vulnerable Road Users in India" conducted by the Transportation Division, NIT Warangal, in collaboration with Lund University, Sweden, and sponsored by SPARC (Scheme for Promotion of Academic and Research Collaboration), GOI. This prestigious workshop provided valuable insights into road safety, the Safe System Approach, sustainable transportation, and emerging trends in traffic engineering. Your participation in such an esteemed platform reflects your strong commitment to learning and innovation in transportation engineering. Wishing you continued success in applying these insights to enhance road safety and infrastructure development!

Prof. Rashmi S M:

Congratulations to Prof. Rashmi S M On behalf of the Civil Engineering Department, JSSATEB, we extend our heartfelt congratulations to Mrs. Rashmi S M for receiving the Best Paper Presentation Award at Research Conference, held on 7-8 February 2025 at JSS STU Mysuru. Her poster presentation on "Optimizing Workability in Engineered Cementitious Composite" showcased innovative research and valuable insights in the field of civil engineering materials. This achievement is a testament to her dedication. We are proud of this remarkable accomplishment and wish her continued success in her research endeavors!
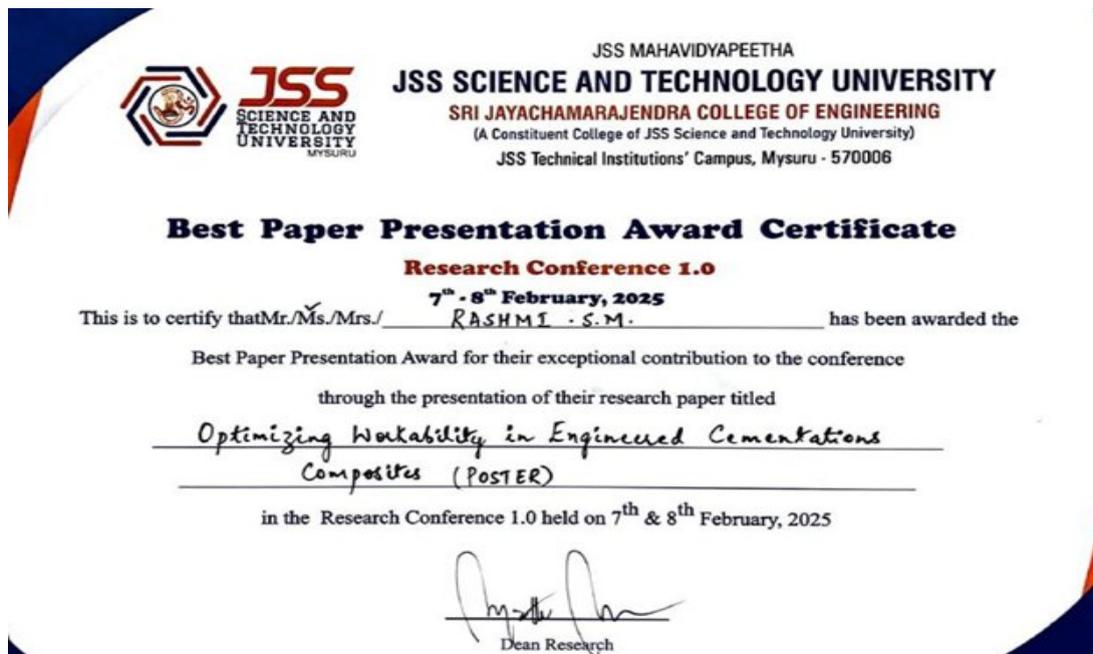
STUDENT ACHIEVEMENTS (RANK, BE HONORS, HACKATHON, STIPEND, INTERNSHIP, PRIZE, CO-CURRICULAR ACTIVITIES)

CO-CURRICULAR ACTIVITIES

#	Student Name	Achievements
01	Ms. Nidi Buvila S	● Winner in women's district level tournament held in shivamogha 29 th September 2024. ● Won Silver medal in Dasara CM Cup (State Level) Lawn Tennis Tournament, Held in Mysore from 3rd October to 9th October 2024. ● Runners up in dasara cup state level lawn tennis tournament held in mysuru dated on October 5th 2024. ● Runners up in women's singles inter College lawn tennis tournament Revels cup 2k25 @ manipal institute of technology. ● Runners up in women's TPL tournament on March 8th 2025 in Bengaluru.

Student Internship

Best wishes and Encouragement for Internship Opportunities Dear Final Year Students, We would like to extend my heartfelt best wishes to all the Final Year Students embarked on the exciting journey of securing internships in the esteemed Civil Industry. This is a fantastic opportunity to gain valuable experience and potentially convert these Internships into full-time positions. These experiences will significantly strengthen thier resume and

professional growth. Thanks to the Industries and Alumni, who have supported by providing valuable internship opportunities. Their help, whether directly through contacts in the industry or indirectly via their own entrepreneurial ventures, is truly appreciated. We also want to recognize the efforts of our Faculty Internship Coordinator, Harshitha M N, Civil JSSATEB, JSSATEB Bengaluru who has ensured a smooth internship process, and the entire teaching and non-teaching staff who have supported you throughout your academic journey. We encourage Final Year Students to stay proactive in job search by utilizing platforms such as LinkedIn, Naukri, Indeed, and other job portals. Now is the time to refine resumes and start applying for opportunities, especially if you're not planning to pursue higher studies. Remember there is tough competition, so tailor your job applications to the job descriptions and gain the required skills.

Student Name	Internship Title	Internship Company
Priyanka S	Industrial	NCC Limited
	Industrial	KPCL. Bengaluru
Rakshitha Andani	Industrial	L&T Constructions
Ananya M	Industrial	L&T Constructions
Ankith S	Construction of building	Sarvashri constructions
Dharshan R	Bengaluru MetroProject	BMRCL
Ujwal Gowda	Industrial internship	Industrial internship
Rakshitha Andani	Industrial internship	L&T
Ananya M	Industrial intership	L&T
Ujwal Gowda HD	Not know still	BMRCL
Rahul M	Industrial internship	BMRCI
Chandan Kumar C S	BMRCL	BMRCL
Shreyas S Naik	Industrial	Star Infratech, BDA project
Chandan K	Road construction	Star Infratech, BDA project
Annaray SiddappaAlagond	Bengaluru MetroConstruction Proiect	BMRCL
Shreyas S Naik	Industrial internship	Star Infratech, BDA project
Monisha C	Training setup in plumbing	Construction industry development academy (CIDA)
Himavi Krishna Prabhu	Construction	Sobha Limited
Keerthan Shetty R	Testing	Gooly consultancy and pvt ltd
Nikitha H	Construction Management	Sobha Ltd
S Aishwarya	Interior designing	Sixth realm interiors and architecture
Vishwas Bheem Channappa	Industrial internship	BMRCL
Ajay p	Pavement design	Star Infratech, BDA project
Ulfat Rashid	Industrial internship	Sarva homes
Saqib mushtaq bhat	Industrial internship	Sarva homes
Halavva channabasappasonnad	Project certificate	Design tree, Anjanapura bangaloru
Sandhya C	Design	Design tree, Anjanapura
Halavva channabasappa	Design	Design tree, Anjanapura
Shashank shekar	Industrial internship	CIDA BASAVANAGUDI
Dhanuj	Final internship	Kav Arr Builders
Avinash HR	Industrial internship	Banglore Metro Rail Corporation Limited
Sandeep S	Industrial internship	Banglore Metro Rail Corporation Limited

Yashas SR	Internship at BMRCL	Banglore Metro Rail Corporation Limited

TOP SCORERS

STUDENT NAME	USN	PERCENTAGE	YEAR
BHAVANA R	1JS24CV006	78	First
KEERTHANA S GOWDA	1JS24CV011	73	First
NITHYASHREE M	1JS24CV016	71	First
TRISHNA P	1JS24CV422	87	Second
CHAITHANYA U R	1JS23CV003	87	Second
NIDI BUVILA S	1JS23CV009	86	Second
VAISHNAVI B KULKARNI	1JS22CV010	87	Third
DAKSHITHA M V	1JS22CV003	86	Third
SHIVACHARANA H	1JS22CV008	86	Third
DHARSHAN R	1JS21CV012	89	Fourth
ANANYA M	1JS21CV002	88	Fourth
RAKSHITHA ANDANI	1JS21CV025	84	Fourth

🎓 Best Wishes to the Outgoing Batch – Civil Engineering (2024-25) 🎓

Dear Proud Alumni,

As the June 2025 Civil Engineering batch prepares to embark on new journeys, we extend our heartfelt wishes for success, growth, and happiness in all your future endeavors — be it higher studies, exciting new roles, or entrepreneurial ventures. 🚀

📌 Stay Connected!

We encourage all our alumni to take just a minute to fill out this form:

👉 https://lnkd.in/d5qSjh3x

This small action makes a big impact — your participation helps us:

✅ Maintain a strong Alumni Network

✅ Contribute to NAAC & NBA accreditation efforts

✅ Enhance the prestige of JSS Academy of Technical Education, your proud Alma Mater

🤝 Keep in touch — meet your friends, plan get-togethers, visit the campus, and feel free to reach out to your faculty for Guidance, Reference Letter or Entrepreneurial support. We're always here for you!

Let's grow together, support one another, and make the Civil Engineering community stronger than ever.

RESULTS:

Semester	I	II	III	IV	V	VI	VII	VIII
% of results	27	24	28	33	66	60	85	100

PLACEMENTS:

Intake	60
Total No. of students	40
No. of students Registered	30
Total Eligible	30
Total Placed	4
Multiple Offers	0
Salary Offered (Lowest – Highest)	-
No. of companies Visited	3

HIGHER STUDIES:

#	USN	STUDENTS NAME	COURSE	INSTITUTE
01	1JS21CV018	MONISHA C		M Tech in Structural Engineering at VTU

02	1JS21CV023	PRIYANKA S		M Tech at MIT Manipal (Structural engineering)
				Regional centre Mysore
03	1JS22CV404	Saqib Mushtaq Bhat		M Tech in Structural Engineering at Central University of Jammu

PROFESSIONAL BODIES LIST/ EVENTS:

#	Name of Professional Body	Details of Activities and Events Conducted
Nil		

STUDENT CLUB:

About the club

The **Civil Engineering Association (CEA-JSSATEB)** is an active student-led organization within the Civil Engineering Department. The association serves as a platform for students to enhance their technical knowledge, leadership skills, and professional development.

Objectives of the Club

1. To promote interest in civil engineering among students through various technical and non-technical activities.
2. To bridge the gap between academic learning and industry requirements by organizing guest lectures, workshops, and site visits.
3. To encourage innovation, teamwork, and problem-solving through competitions, model-making, and technical fests.
4. To foster professional networking and mentoring by facilitating interactions with alumni and industry experts.

"NIRVYUHA- 2025" Civil Engineering Department fest on March28th 2025

PREAMBLE

NIRVYUHA, the Civil Engineering fest held on March 28th at JSS Academy of Technical Education, Bengaluru (JSSATEB), celebrated innovation and collaboration in the field of Civil Engineering. This event brought together students, professionals, and enthusiasts to explore emerging trends, share knowledge, and showcase creative solutions to engineering challenges. With a mix of technical sessionsand competitions, NIRVYUHA aimed to inspire the current generation of engineers while fostering a spirit of teamwork and excellence. It was a platform for learning, networking, and pushing the boundaries of civil engineering.

HIGHLIGHT OF EVENTS

The "NIRVYUHA" Civil Fest marked a remarkable return after a five-year hiatus, uniting students and professors in a vibrant celebration of creativity, talent, and community spirit. Among the most memorable moments was the Tamte performance, where students and faculty alike joined in the dance, embodying the fest's energetic and inclusive atmosphere. The event was a testament to the strong support and coordination between the faculty and students, whose collective efforts ensured that every aspect of the fest was well-organized and seamlessly executed. One of the major crowd-pullers was the "Super Minute" game, which saw the highest participation with 22 enthusiastic contestants competing in a series of fun and fast-paced challenges. The fest also witnessed impressive inter-collegiate participation, with numerous colleges contributing more than five students each, making NIRVYUHA a truly collaborative and inclusive celebration of Civil Engineering and student spirit.

Events/Seminars/FDP/SDP/Conference/Technical talks organized (SHORT REPORT WITH PHOTOGRAPHS)

Master Trainers Training ProgramOnAdvanced Concrete Technology & Construction TechniquesAtJss Academy For Technical Education, Bengaluru
From 23rd September 2024 to 5th October 2024

Site Visit: Site Visit to: Sir M. Visvesvaraya Rainwater Harvesting Theme Park, Bengaluru

Date: 29.11.2024

Adoption of Rain water harvesting is mandatory requirement for every occupier of building. Sir M. Visvesvaraya Rain Water Harvesting Theme Park is facilitating the public and students in adoption of Rain water harvesting. The Theme park is dedicated to demonstrate the methods of installing rain water harvesting.

Expert talk: **Topic: Technical Lecture on "Career Pathway for Structural Engineers**
Date: 23.09.2024

The Department of Civil Engineering, JSS Academy of Technical Education, Bengaluru, organized a session on "Career Pathways for Structural Engineers" in association with Delta T Pvt Ltd, Bengaluru, on 23rd September 2024 at 12:00 PM.
The session began with a welcome address by Dr. Sanjay Shekar N C, HOD, Civil Engineering Department. Prof. Harshitha M N introduced the guest speaker, Mr. Abdul Majeed, Lead Engineer atDelta T MEP Technical Academy, Bengaluru.
Mr. Majeed, with over 12 years of experience in MEP & BIM-REVIT and expertise in green building projects, shared insights into professional challenges, skillsets required in the field, and opportunities in MEP & BIM-REVIT. The session included an interactive segment where students clarified their doubts.

Technical Lecture: **Topic: "Advanced Nano materials Synthesis, Processing and Application in Energy and Environment"**

Date: 28.10.2024

The Department of Civil Engineering at JSSATEB successfully organized an expert talk on "Advanced Nanomaterials Synthesis, Processing and Application in Energy and Environment" on 28th October 2024. The session aimed to provide insights into the latest advancements and research in the field of nanotechnology, focusing on its role in sustainable energy solutions and environmental protection.

The expert speaker, delivered an in-depth presentation on the synthesis methods of nanomaterials, their structural characteristics, and practical applications in civil and environmental engineering. Emphasis was placed on innovative solutions such as nano-enabled materials for water purification, energy-efficient construction, and pollution control.

Technical Lecture: **Topic: Technical Lecture on "Recent developments in steel structures"**

Date: 28.11.2024

Department of Civil Engineering, JSS Academy of Technical Education, Bengaluru in association with Indian Concrete Institute - Bengaluru Centre organized Technical Lecture on the topic "Recent developments in steel structures" on 28th November, 2024 at Seminar Hall, Academic Block C. The chief guest for the event was Er.H.R.Girish, Hon. Chairman, ICI-Bengaluru Centre & Managing Director and CEO of M/s Girish Ventures, Bangalore. The Speaker for the event was Er. Ravindranath. B. V., Chief Consultant, Ravindranath & Associates & Managing Committee Member, ICI Bengaluru Centre.

Er.H.R.Girish showcased the necessity of Civil Engineering students for adaptability to excel in their career and also as an entrepreneur. He stressed upon the necessity of implementation of Civil Engineers Act and the opportunities that open up for Civil Engineers. Er. Ravindranath. B. V. demonstrated a profound understanding of the subject matter, presenting a well-organized and

engaging overview of the recent advancements in steel structures. He demonstrated few of the challenging projects related to steel structures.

Technical Lecture: **Topic: Technical Lecture on "Exploring 3D Visualization Career Paths and Opportunities for Freshers in 3DS Max"**

Date: 11.11.2024

The session was led by J. Sunil Kumar, Marketing executive, Edu CADD, Bangalore, a seasoned 3D visualization artist and industry expert with extensive experience in utilizing 3ds Max.

The speaker began with an overview of 3D visualization, emphasizing its application in industries such as architecture, interior design, product design, and animation. A demonstration of 3ds Max capabilities highlighted its importance as a tool for creating photorealistic visualizations and simulations. The session shed light on the diverse career opportunities available, including roles like 3D modeler, visual effects artist, game environment designer, and architectural visualizer. The speaker also elaborated on the growing demand for 3D professionals in sectors like virtual reality (VR) and augmented reality (AR).

Industry Institute Collaboration & Networking

The Civil Engineering Department has established strong industry partnerships through Memorandums of Understanding (MOUs) with the following organizations. These collaborations significantly benefit the department by providing support in various forms such as paid internships, free software, site visits, and training programs for students:

1. M/s Clear Water Dynamics Pvt Ltd (P)
2. M/s Klarheit Valuers and Engineering Service Pvt Ltd (P)
3. M/s Habitat Ventures
4. M/s Deko Partitions India LLP
5. CADD Centre Training Services
6. M/s Synergy School of Business Skills
7. M/s Construction Industry Development Academy (CIDA) (P)
8. M/s Construction Industry Development Council (CIDC)
9. Ascend School of Construction Business
10. M/s Prashali Conmats
11. M/s Medini Technologies

These industry collaborations enhance the academic experience by offering practical exposure and professional development opportunities for the students.In addition to the organizations with formal MOUs, the Civil Engineering Department maintains strong connections with various companies, industries, and government agencies. These entities provide similar opportunities such as internships, site visits, training programs, and consultancy services without formal MOUs. Some of these notable collaborators include:

1. Sarva Homes
2. Sadruda Constructions
3. Design Tree Consultants
4. CMTI
5. Shobha Developers
6. TURNBIM
7. Civil Quality Consultants and Engineers
8. TEAM4U Project Management Consultants
9. L&T Constructions
10. Prestige Groups
11. Good Earth
12. NCC
13. Nagarjuna Constructions
14. Bangalore metro rail corporation limited
15. Karnataka Public Works Department (KPWD)
16. Irrigation Department
17. Karnataka Rural Infrastructure Development Limited (KRIDL)

18. Nirmithi Kendra, Mysuru

19. Karnataka Forest Department

Alumni Contributions

The Civil Engineering Department benefits greatly from the strong support of its alumni network. Many alumni have established their own companies, such as Sadruda Constructions and M/s Klarheit Valuers and Engineering Services Pvt Ltd (P), and actively contribute by providing job opportunities to graduating students and internships for current students. Additionally, the department regularly organizes interactive sessions between students and alumni. These sessions serve as platforms for career guidance, professional mentorship, and knowledge sharing, further enriching the academic and professional development of the students.Events Involving Alumina

Amulya, Project Engineer @ Clear Water Dynamic, Guest for Department fest, Got sponership for department fest.

DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

ABOUT THE DEPARTMENT

The Department Of Computer Science and Engineering, Established In 1997 And NBA-Accredited, Is Dedicated to
 Providing Quality Education, Fostering Innovation, and Producing Socially Responsible Engineers. With A Strong FacultyTeam, State-Of-The-Art Infrastructure, and Recognition as a Research Center by VTU, the Department Excels   in Academics, With Students Consistently Achieving University Ranks and Securing Over 90% Placements in Reputed
 Companies Like Amazon and Adobe. Student Development Is Supported Through Technical Forums, Workshops, and Collaborations, While Research and Innovation Are Actively Encouraged Through Challenging Projects and Professional Memberships. Committed To Excellence The Department Prepares Students To Thrive In A Competitive Industrial Environment and Contribut Meaningfully To Society.

VISION, MISSION OF THE DEPARTMENT

Vision:

To be a distinguished academic and research Department in the field of Computer Science and Engineering for enabling students to be highly competent professionals to meet global challenges.

Mission:

M1:   Impart quality education in Computer Science and Engineering through state-of-the art learning environment and committed faculty with research expertise.

M2:   Train students to become the most sought-after professionals in the field of Information Technology by providing them strong theoretical foundation with adequate practical training.

M3:   Provide a conducive environment for faculty and students to carry out research and innovation in collaboration with reputed research institutes and industry.

M4:   Inculcate human values and professional ethics among students to enable them to become good citizens and serve the society.

FACULTY DETAILS WITH PHOTOGRAPH (DESIGNATION, DEGREE, TOTAL EXPERIENCE)

Sl No	Name	Designation	Degree	Teaching experience at JSSATEB	Other Experience	Photos
1	Dr. Prabhudev Jagadeesh. M.P	Professor & HOD	BE, M.Tech, Ph.D	18	8	
2	Dr. P.B. Mallikarjuna	Professor	BE, M.Tech, Ph.D	11	13	
3	Dr. Nagasundara K B	Associate Professor	M.Sc, M.Tech, Ph.D	11	12	
4	Dr. Pradeep H.K.	Associate Professor	BE, M.Tech, Ph.D	13.8	5	
5	Dr. Sharana Basavana Gowda	Associate Professor	B.Sc.,BE, M.Tech, Ph.D	19	5	
6	Dr. Manjunath. B.Talawar.	Associate Professor	BE, M.Tech, Ph.D	18	1	
7	Dr. Niranjan Chanabasappa Kundur	Associate Professor	BE, M.Tech, Ph.D	25	2	

8	Dr. Abhilash. C.B	Associate Professor	BE, M.Tech, Ph.D	12.8	1	
9	Mrs. Snehalatha .N	Assistant Professor	BE, M.Tech	25	---	
10	Mrs. Bhavani .B.H.	Assistant Professor	BE, M.Tech	24	2.5	
11	Dr. Rajeshwari K.S.	Associate Professor	BE, M.Tech, Ph.D	25	3	
12	Ms. Shanthala K V	Assistant Professor	BE, M.Tech	24	---	
13	Mrs. Pooja.H.	Associate Professor	BE, M.Tech Ph.D	19	---	
14	Mrs. Shweta S. Kaddi	Assistant Professor	BE, M.Tech	14	5	
15	Ms. Rashmi . B.N	Assistant Professor	BE, M.Tech	12	---	

Sl No.	Name	Designation	Degree	Experience		Photos
16	Mrs. Ranjitha S R	Assistant Professor	BE, M.Tech	6	1.5	

Sl No.	Name	Designation	Degree	Experience		Photos
17	Mrs. Namitha S J	Assistant Professor	BE, M.Tech	3.7	8.3	
1	Mr Gangadhar Swamy	Sr.System Analyst	B.E, M.Tech	21		
18	Mrs .Impana K P	Assistant Professor	BE, M.Tech	3.5	2.5	
19	Dr. Supriya B N	Assistant Professor	BE, M.Tech, Ph.D	2.4	14	
20	Mrs. Shruti Tavaragundi	Assistant Professor		7 Months	3.5	

NON TEACHING FACULTY DETAILS WITH PHOTOGRAPH (DESIGNATION, DEGREE, TOTAL EXP

2	Mrs.Geetha B	Programmer	DCS, M.Sc (IT)	26	
3	Mr.Santosh T E	Instructor	DCS, B.Sc. (IT)	18	
4	Mr.Ashween Kumar	Instructor	ITI, MCA	18.10	
5	Ms. Pavithra M S	Instructor	DCS	11.1	
6	Mr. Ananda B	Instructor	B.E M.Tech.	10.3	
7	Mr. Channabasappa S	Instructor	DCS	10.3	
8	Mrs. Vidya A V	Instructor	DCS,B.E(Pursuing)	8	
9	Mr.Mahesh H P	Lab Helper	ITI, Diploma	15	
10	Mr.Dileep Kumar	Lab Helper	ITI,Diploma(Pursuing)	9	

11	Mr.Sunil B	Lab Helper	ITI,Diploma(Pursuing)	9.5	
12	Mr. Basavarajendra Prasad B	Attender	SSLC	26	

NUMBER OF STUDENTS ON ROLL:

CSE Class Strength 2024-25

Semester	Girl Students	Boy Students	Total
I Semester	78	111	189
III Semester	96	114	210
V Semester	81	126	207
VII Semester	66	135	201
		Grand Total	**807**

TOTAL: 807
GIRLS: 321
BOYS: 486

RESEARCH PUBLICATIONS/CONSULTANCY/PATENTS/FUNDED PROJECTS
List of Publications in International Journals YEAR 2024-25

1. Abhilash C B, Roshan David Jathanna, Dinesh Acharya U. Leslie Edward Lewis Krishna moorthi M Federated Learning for Early Detection of Neonatal Sepsis with Enhanced Data Interoperability Engineered Science DOI:10.30919/es1476 Volume:34 Article :1476, April 2025 Engineered Science Scopus (Q1)

2. AbhilashC B, Kavi Mahesh Enhancing Interestingness Evaluation in Ontology-based Association Rules: A Case Study on US Birth Data International Journal of Information Technology & Decision Making https://doi.org/10.1142/S0219622025500324 ISSN (print): 0219-6220 | 1-24 March 2025 World Scientific Connect WoS Scopus (Q1)

3. Bhavani B H, M. Sreenatha, Niranjan C. Kundur Diagnosis and Classification of Depressive Disorders using ML and DL Models Engineering Technology & Applied Science Research, Vol-15 Issue-2, 21383-21389, https://doi.org/10.48084/etasr.10017 APRIL 2025 ETASR Scopus (Q2)

4. P.B. Mallikarjuna, V. Pushpa latha, H.N. Mahendra, S. Rama Subra moniam, S. Mallikarjuna swamy Land use and land cover classification for change detection studies using convolutional neural network Applied Computing and Geosciences, Volume 25,https://doi.org/10.1016/j.acags.2025.100227 FEBRUARY 2025 Science Direct Elsewier WOS & Scopus (Q2)

5. Snehalatha N, Mohan Kumar S Sentiment Analysis Using NLP: An Objective and Expectation-Based Approach J. Electrical Systems 20-11s (2024): 3604-3611 ISSN 1112-5209 https://doi.org/10.52783/jes.8180 NOVEMBER 2024 Scopus (Q4),WoS

6. Niranjan C. Kundur, Basavaiah Lathamani, Chaya J. Swamy etal Enhancing the Scalability of Blockchain Networks using a Data Partitioning Technique Engineering, Technology & Applied Science Research Vol. 14, No. 6, 2024, 17711-17716 Sept 2024 ETASR Scopus

7. S.J. Namitha, Asha,Prameetha Pai, Priya Kamath, Rajeshwari Madli, R. Vijaya Arjunan An Improved EEG Signal Feature Selection Paradigm for Migraine Detection Journal of Internet Services and Information Security (JISIS), volume: 14, number: 3 , pp. 143-156. 10.58346/ JISIS.2024.I3.008 ISSN: 2182-2069 (printed) / ISSN: 2182-2077 (online) August 2024 Innovative Information Science and Technology Research Group Peer Reviewed (Q3)

8. Supriya B N, Pavitra Bai Srinivasa Rao,Rohini T Venkatesh etal.,Automated IoT Solutions for Efficient Hydroponic Farming: Nutrients, PH and Lighting Management Journal Européen des Systèmes Automatisés,Vol. 57, No. 5 pp. 1273- DOI:https://doi.org/10.18280/jesa.570503 ISSN: 1269-6935 (print); 2116-7087 (online)October, 2024, Internationa Information & Engg Technology Association Scopus and WoS (Q3)

9. Sharana Basavana Gowda, M R Prasad ,Manjunath B. Talawar, N.Jagadisha Integrated noise suppression techniques for enhancing voice activity detection in degraded environments International Journal of Speech Technology, ISSN 13812416, Springer Netherlands. https://doi.org/10.1007/s10772-024-10149-x Sept 2024 Springer Netherlands Scopus (Q1)

10. Dr.Supriya B N, Ajay Prakash B V etal Anthropology and Morphology-Based Facial Image Analysis to Support Criminal Investigation in Forensics International Journal of Applied Science and Research 2024 Volume 7 Issue 5 September - October Issn: 2581-7876 Doi: https://Doi.Org /10.56293/Ijasr.2024.6123 IJASR Peer Reviewed

11. Nagasundara K B, Ashwini K An Intelligent Ransomware Attack Detection and Classification using Dual Vision Transformer with Mantis Search Split Attention Network Computers and Electrical Engineering Volume 119, Part A, October 2024, 109509 https://doi.org/10.1016/j.compeleceng.2024.109509 ISSN 0045-7906 October 2024 Elsevier
Scopus and WoS

12. Shweta S. Kaddi, Prajwal Surendra, Prerana NS FORMFIT: A Machine Learning Approach For Real-Time Exercise Form Feedback Using Mediapipe International Research Journal of Modernization in Engineering Technology and Science ISSN: 2582-5208 Volume: 6 Issue: 07Pages: 368-373 July 2024 IRJMETS Peer Reviewed

13. Abhilash C B, Aravindra Prasad , Rohitaksha K, Dr. Shashank Dhananjaya Stable Diffusion Image Processing Library Progress International Vol.44 No.3, Jul-Dec 2024: P.5917-5925 Print version ISSN 0970 1052 Online version ISSN pp no 5917-5925 https://doi.org/10.48165/bapas.2024.44.2.1 July 2024 BPAS Journals Scopus

14. Niranjan C Kundur, Ramadoss B. Anil, B.C. , Gowdru, A.K. ,Prithviraja, D. Identifying liver cancer cells using cascaded convolutional neural network and gray level co-occurrence matrix techniques International Journal of Artificial Intelligence (IJ-AI), ISSN/e-ISSN 2089-4872/2252-8938 doi 10.11591/ijai.v13.i3.pp3083-3091 Sept 2024 IAES **Scopus Q3**

15. Manjunath B Talawar, MR Prasad, , N Jagadisha, Sharana Basavana Gowda Evaluating and integrating superior noise suppression algorithm into speech coding system International Journal of Speech Technology ISSN 13812416, 15728110 Volume 28, pages 431–441, (2025) https://doi.org/10.1007/s10772-025-10199-9 May 2025 Springer **Scopus Q1**

16. Dr. Pooja H, Dr. K S Rajeshwari, Dr Shweta Kaddi AI-Driven Solutions For Achieving SDG's: Harnessing Machine Learning To Address Global Sustainability Challenges International Journal of Environmental Sciences Vol. 11 No. 15s (2025 https://doi.org/10.64252/by6egg73 ISSN : 2229-7359

https:// theaspd.com/index.php June 2025 Integrated Publishing Association Elsevier
Scopus Q4

17. Snehalatha N, Induja B, Deep Ensemble Learning For Three-Stage Maturity Detection Of Indigenous Fruits International Journal of Environmental Sciences ISSN: 2229-7359Vol. 11 No. 15s,2025https://theaspd.com/index.ph, DOI: https://doi.org/10.64252/f1mwh708, June 2025 https://theaspd.com/index.php/ijes/article/view/3109 **Scopus Q4**

18. Niranjan C Kundur, HR Divakar, Samitha Khaiyum, Kiran P Rakshitha, Praveen M Dhulavvagol, Anand S Meti Deep Neural Networks for Precise Brain Tumor Delineation: A U-Net and TensorFlow Approach Engineering, Technology & Applied Science Research https://doi.org/10.48084/etasr.10684 Vol. 15 No. 3 (2025): E ISSN 1792-8036 June, 2025 ETASR **Scopus Q2**

Details of Research Paper Publication in International Conferences
YEAR 2024-25

Sl. No.	Name of the Faculty	Name of Co-Author	Title of the Paper	Name of the Conference (Specify Volume , Issue, pp, DOI, ISSN/ISBN)	Publisher	Scopus/W OS
1	Abhilash C B	Hitesh N P , D Ankith , Poornachandra A N	Multi-Task Learning for Faux-Hate Detection in Hindi-English Code-Mixed Text	21st International Conference on Natural Language Processing (ICON): Shared Task on Decoding Fake Narratives in Spreading Hateful Stories (Faux-Hate) Dec 2024	NLP Association of India (NLPAI)	-
2	Abhilash C B	Sunil Gopal C V, Sudhan S , Shreyas Gutti srinivas Sushanth R	Faux-Hate Multitask Framework for Misinformation and Hate Speech Detection in Code-Mixed Languages	21st International Conference on Natural Language Processing (ICON): Shared Task on Decoding Fake Narratives in Spreading Hateful Stories (Faux-Hate) https://aclanthology.org/volumes/2024.icon-fauxhate/ December 2024	NLP Association of India (NLPAI)	-
3	Snehalatha N	Kumar, S. M., Kavitha, H., Nisha, S., Gowda, P., & Prasad, S. K	Sign Language Detection Using Action Recognition LSTM Deep Learning Model	Second International Conference on Networks, Multimedia and Information Technology NMITCON) (pp. 1-6) Aug 2024	IEEE	Scopus
4	Impana K P		An Extreme Learning based approach for Geretric Depression	2nd Data Science & Exploration in Artificial Intelligence - CODE AI 2025 held at MAHE, Dubai from 07.04.25 to 08.04.25	Springer	
5	Impana K P		A Novel Deep Learning based approach for Hate	2nd Data Science & Exploration in Artificial Intelligence - CODE AI	Springer	

			Speech Detection on social media platform	2025 held at MAHE, Dubai from 07.04.25 to 08.04.25		
6	Abhilash C B	Manjunath K V; Animesh Chaturvedi; Kavi Mahesh	Link Ontology Analytics: Representing COVID-19 Data as Network Links	2024 IEEE International Conference on Big Data (BigData) DOI- 10.1109/BigData62323.2 024.10825631 Electronic ISSN: 2573-2978 Dec 2024	IEEE	

Grants received from Government and non-governmental agencies for research projects
Year 2024-25

Sl. No	Project /FDP Title	Funding Organization/Agency	Amount
1	ATAL FDP : Advancements in Semiconductors, System software and AI for Digital Agriculture (23/5/2025)	All India Council of Technical Education(AICTE) Govt of India	Rs 6,00,000/-
2	Generative AI Faculty Award Deliver on-campus engagement for student learning and skills development on watsonx and creation of generative AI curricular content using watsonx technology(12/1/24)	IBM, USA	Rs 8,29,973/-
3	Industrial Pump Anomaly Detection For Predictive Maintenance Using Machine Learning Techniques (19/4/24)	Karnataka State Council for Science & Technology (KSCST) Govt of Karnataka	Rs 3000/-
4	AI Based Decision Support System For Predicting Drone Health Status (19/4/24)	Karnataka State Council for Science & Technology (KSCST) Govt of Karnataka	Rs 4500/-
5	Augmented Reality System For Automotive Assembly Processes And Maintenance (19/4/24)	Karnataka State Council for Science & Technology (KSCST) Govt of Karnataka	Rs 3500/-
6	A Summarization Tool For Youtube Video Transcript (19/4/24)	Karnataka State Council for Science & Technology (KSCST) Govt of Karnataka	Rs 4000/-
	Total		14,44,973/-

PATENTS

Sl. no	Patent Application number	Date of Published	Invention titled	Inventors	Status
1	202441051953	6/9/2024	Smart Printer And Method For Document Editing	Rashmi B N, Dr Guru R SJCE Dr Mahesh B	Published
2	202411043719	05/06/2024	Artificial Intelligence-Enhanced System For Brain Tumor Detection And Diagnosis Using CNN"	Dr.Supriya B N	Published
3	202241052305	15/3/2024	Context Less Grammar-Based System For Soil Texture Classification	Dr. Pradeep H K	Published
4	202441051953	07/07/2024	Smart printer and method for Document editing	Rashmi B N, Dr Guru R SJCE Dr Mahesh Kumar	Published
5	202541063255	02/07/2025	HaptoBridge -Qunatum Enhanced Wearable Communication Navigation Device	Rashmi B N, Dr Guru R SJCE Dr Anusuya MA, SJCE	Filed

FACULTY ACHIEVEMENTS

Name	Designation	Achievements
Dr. Pradeep H K	Associate Professor	Selected for Flagship bilateral initiative, UK–IndiaAIxcelerate 2025–26 Programme.
Dr. Mallikarjuna Swamy S	Associate Professor	Sanctioned 90 lakhs for AICTE- IDEA Lab
Dr. Prabhudev Jagadeesh	Professor	
Dr. Abhilash C B	Associate Professor	Received a grant of Rs. 25,000 from NPTELunder the SPOC Conference support grant.
Dr. Niranjan C Kundur	Associate Professor	Presented a paper "Hybrid Machine Learning Framework for Burnout and Retention Modeling in Urban Indian IT Employees" at the Fourth WorldConference on Information Systems for Business Management, Bangkok.
Rashmi B N	Assistant Professor	Completed 3 Months Industry Internship Program at QNu Labs Pvt.Ltd , Bengaluru.

Student Publications

Sl. No	Students Name	USN	Date of publication	Title of the Paper published	Title of Journal/Conferences	Publisher
1	Sunil Gopal CV	1JS21CS159	01-12-2024	Faux-Hate Multitask Framework for Misinformation and Hate Speech Detection in Code-Mixed Languages	Proceedings of the 21st International Conference on Natural Language Processing (ICON): Shared Task on Decoding Fake Narratives in Spreading Hateful Stories (Faux-Hate)	ACL Anthology
2	S Sudhan	1JS21CS155				
3	Shreyas Gutti Srinivas	1JS21CS138				
4	R Sushanth	1JS21CS163				
5	Prajwal Surendra	1JS20CS110	Jul-24	FORMFIT: A MACHINE LEARNING APPROACH FOR REAL-TIME EXERCISE FORM FEEDBACK USING MEDIAPIPE	International Research Journal of Modernization in Engineering Technology and Science	
6	Prerana NS	1JS20CS116				

Project and Consultancy activities

Sl No	Name & Designation	Title of the Project	Agency & Year of Sanction	Amount Sanctioned (in Rs)
1	Rashmi B N, Assistant Professor	Multimedia Deepfake detection	JSS	**4.18 lakhs**
2	Dr Abhilash C B, Associate Professor	CHIME - AI-powered health screening stick for comprehensive assesment of school-aged childern	JSS	**3.95 lakhs**
3	Dr Mallikarjuna P B Professor	Predicting acute lyphoblastic leukemia using machine learning and deep learning	JSS	**3.93 lakhs**

Stipend Paid Internship

Sl. No.	USN	Student Name	Company	Duration (in Days)	Stipend per month(In Rs)
1	1JS21CS006	ABHINAVA BAYARY	Fidelity Investments	4 months	25,000.00
2	1JS21CS014	AJAY KUMAR	Rewa Infotech Solutions Pvt Ltd.	15 weeks	Performance Based
3	1JS21CS029	ARJUN K A	Scikraft Education And Engineering Design Private Limited	15 Weeks	Performance Based
4	1JS21CS033	AYUSH KUMAR	Rewa Infotech Solutions Pvt. Ltd	15 Weeks	Performance Based

5	1JS21CS035	B K BARATH KESHAV	nichesolv	15 weeks	20,000.00	
6	1JS21CS039	BAZLAH ASAD	Compsoft Technologies	15 weeks	Performance Based	
7	1JS21CS058	DOKE SAURABH DHANAJI	Rewa Infotech Solutions Pvt. Ltd	15 Weeks	Performance Based	
8	1JS21CS140	SHUBHAM PANDEY	Elementary Minds LLC	15 weeks	10,000.00	
9	1JS21CS146	SKANDA S POURAJ	Admit Scholar	15 Weeks	30000 + Bonus	
10	1JS21CS158	SUKRITI JAIN	SRF Limited	15 weeks	15,000.00	
11	1JS21CS170	VAISHNAVI G V	CED Labs Pvt. Ltd	15 weeks	Performance Based	
12	1JS21CS178	VAIKUNTAM YOGA SIMHA	Bhrighu Academy	4 months	Performance Based	
13	1JS21CS181	YOGESH C	GND Solutions India Pvt.Ltd	15 weeks	Performance Based	
14	1JS22CS416	SIDDARAJU M	compsoft Technologies	15 weeks	Performance Based	
15	1JS21CS145	Sindhur V Shabaraya	M/s Contentstack	15 weeks	35,000.00	
16	1JS21CS025	Ananya Bhat	M/s Zopsmart, IISc.	15 weeks	30,000.00	
17	1JS21CS074	K Sai Sree Akshaya Gurudatta	M/s Astra	15 weeks	25,000.00	
18	1JS21CS029	Arjun Khadri	M/s Scikraft Education	15 weeks	10,000.00	

Other Achievements

Sl No.	Student	USN	Dated	Name of event	Organizer	Place	Remarks
1	Nithya G	1JS24CS122	24-05-2025 to 25-05-2025	Buildverse 24 hrsHackthon	SST Campus	Bangalore	
2	Lakkasani Venkata Rajasekhara Reddy	1JS24CS091	24-05-2025	Hack the Hive - Hackathon	JSSATE	Bangalore	
3	Lakkasani Venkata Rajasekhara Reddy	1JS24CS091	9-01-2025 to 10-01-2025	Code red 2025 - Hackathon	JSSATE	Bangalore	
4	Nithya G	1JS24CS122	14-12-2024	Hackathon	Jyothy Institute of technology	Bangalore	
5	Nithya G	1JS24CS122	5-12-2024	Hackathon		Bangalore	
6	Raj Tilak Singh	1JS24CS138	12-07-2024 to 14-07-2024	Website Development Hackathon		Bangalore	
7	Nithya G	1JS24CS122	15-05-2024	Hackathon		Bangalore	

Extra Curricular Activities

SL No.	Name of student	Date	Event	Place	Remarks
1	Anushka Basak	27-05-2025	Song Writing Competition	JSSATE,Bangalor e	3rd price
2	Shravya K	07-05-2025	Dance Competition- Synergy of the Centuries	RVTIM	
3	Namana Shivakumar	7-05-2025	Dance Competition- Synergy of the Centuries	RVTIM	
4	Namana Shivakumar	11-04-2025	Dance Competition - Nrityanjali '25, Eastern Group Dance	Kristu Jayanti College	
5	Shravya K	17-04-2025	Dance competition- Acharya Habba -	Acharya Institute of technology	
6	Saniya Patil1	25-03-2025	Music competition, VTU fest	Global Academy of Technology	
7	Anushka Basak	20-03-2025 21-03-2025	Viksit Bharat Youth Parliament Speech Competition District Level	Bangalore Institute of Technology	Participated
8	Anushka Basak	2025	Viksit Bharat Youth Parliament Speech Competition State Level	Vikasa Soudha, Bangalore	Participated
9	Lumina Club Launch From college	9-12-2024	Entertainment	JSSAETB	Stand up Comedy by Abhilash Nayaka
10	Anushka Basak	22-11-2024	Essay Writing	JSSATE,Bangalore	
11	Sandhya Srinivas	2024	Dance Competition- Anaadyanta 2024	Nitte Meenakshi,Bangalore	
12	Aniketh K Murthy			University/SJBIT	Runner up
13	Rohit Kumar Mishra	2-7-2024	Sports		
14	Dhanvanth.SGuru kar				
15	Vindya H Kyathsandra	2-7-2024	Sports	University	Runner up

Students awarded B.E. Honors Degree for the academic year 2024-25

SL. NO	STUDENT NAME	STUDENT USN	Photo
1.	ALOK KUMAR MAURYA	1JS21CS019	
2	ASHWINI KRISHNAJI RAO	1JS21CS030	
3.	AISHWARYA R BYSANI	1JS21CS012	
4.	ABHISHEK KUMAR	1JS21CS009	
5.	ABHIJITH A	1JS21CS003	

6.	ANVITH KASHYAP	1JS21CS027	
7.	YASHWANTH A	1JS21CS179	
8.	PAVANA M	1JS21CS100	
9.	PRAJWAL B	1JS21CS105	
10.	SAHITHI SRUJANA C	1JS21CS122	
11.	RAKSHITH V PATIL	1JS21CS113	

12.	ANUSHA N	1JS22CS402	
13.	DEEKSHA K	1JS21CS052	
14.	MOHAMMED FAIZ UR RAHMAAN	1JS21CS090	

RESULTS: 2024-25 RESULTS

PLACEMENTS: Placement details for 2024-25

Total number of students	203
Total number of students placed	108
Total number of companies visited	24
Max salary offered	10LPA
Min salary offered	3.25LPA

HIGHER STUDIES: 2024-2025

Sl No	Name of the Student	USN	Name of the University	Year of Admission
1	1JS21CS035	B K BARATH KESHAV	Northeaster University Khoury collegeof computer sciences	2024-25
2	1JS21CS128	SHALINI HARWALKAR	University of California, San Diego	2024-25

| 3 | 1JS21CS048 | Harshith Bharadwaj | North Eastern University, Boston Campus | 2024-25 |

Events/Seminars/FDP/SDP/Conference/Technical talks organized (SHORT REPORT WITH PHOTOGRAPHS)

Events Organized under Professional Societies:

Sl. No	Event Name	Date	Resource person	No. of students participated
1	IEEE Day 2025 Celebration	29/10/2025	Dr. Premananda B. S. – Associate Professor, Dept. of E&TC Engineering, RV College of Engineering; Chair, IEEE ITS Bangalore Chapter Dr. Prashanth N. – Ph.D., MIEEE, HoD (In-Charge), Dept. of Robotics & AI, NMIT; Vice Chair, IEEE RAS Society – Bangalore Section Mr. Hitesh Jain – Visiting Professor / Robotics Engineer Dr. Deb Singdeo – Senior Customer Success Engineer, MathWorks	100
2	CICCS-First Internation conference on Intelligent computing and communication systems (IEEE)	18/09/2025 to 20/09/2025	**Mr. Sumit Goswami** Vice President of Engineering Qualcomm India Bengaluru **Dr. Roopa M. V** Group Director, Navigation Systems Area Scientist/Engineer 'G' ISTRAC/ISRO Bengaluru **Dr. Dinesh M S** Group lead Philips Enterprise Informatics Bengaluru	40
3	Outreach activities of ACM council	27/06/2025	**Ms. Maria Chodhary,** Principal MTS oracle and ACM council member	80
4	Workshop on SARVAM AI APIs	15/03/2025	**Mr. Vinayak Gavariya**, Developer Relations Engineer, SARVAM AI	150
5	Attended Conference on IT in Defense	16/12/2024 to 17/12/2024	CSIR-NAL, Bangalore	03
6	Technobabble: Technical Talk on Use Case of AI in Driver Assistance	28/09/2024	Ms. Padmini Navalgund, Program Manager, Product Compliance Officer, Bosch Global Software Technology	60
7	CSI Internet of Things (IoT) using Arduino: A Hands-on approach	12/06/2024	Dr. Nirmala Hiremani, Assistant Professor and Program Coordinator, Tech Guru, AICTE ATAL IDEA LAB and Assistant Director, Skill Development Centre, Muddenahalli	190
8	Two Days Workshop on "Deep Learning Techniques	17/02/2024 to 24/02/2024	Dr. Manjunath S, Principal Engineer, M/s Samsung Electro-Mechanics Pvt. Ltd.	120
9	Tech Connect Program	24/01/2024 to 25/01/2024	Mr. Praveen D, CTO, Dyashin Techsoft,	70
10	CSI Cyber Security for All"		Mr. BHARADWAJ D J, Architect, Cyber Security at Synechron	

<center><u>**Event conducted and their brief report**</u></center>

Title: "Deep Learning Techniques"

Category: Hands-on Workshop

Date: Feb 17th, 2024 & Feb 24th, 2024 (2 days)

Target audience: Fifth Semester Students and Faculty

No. of Resource Persons: 01

No. of Participants: 130

Organized by: Department of Computer Science and Engineering

Resource Person(s) with Designation: Dr. Manjunath S, Principal Engineer, M/s Samsung Electro-Mechanics Pvt. Ltd.

Report: Brief report on the respective sessions held on Day-1 and Day-2

Two Days Workshop on "Deep Learning Techniques" is organized on Feb 17th, 2024 & Feb 24th, 2024. Resource person of the Workshop is Dr. Manjunath S, Principal Engineer, M/s Samsung Electro-Mechanics Pvt. Ltd., Bengaluru. H. Head of the Department Dr. P B Mallikarjuna welcomed all the participants for the workshop and introduced the speaker. Principal Dr. Bhimasen Soragaon welcomed the speaker is Dr. Manjunath S for the workshop and the Two day workshop commenced.

Title: State of Industry-Early 2024
Category: Invited talk

Date: 16.2.2024

Target audience: 8th and 3rd Semester students
No. of Participants: 100 students

Organized by: Department of Computer Science & Engineering

Mode: Offline

Report: Brief report on the respective sessions held on 16.2.2024

An Invited Talk on **"State of Industry- Early 2024"** was organized on 16th Feb 2024 for VIII and III Semester students. The resource person was Mr. Pratik Shah, CEO, Halaplay, Bengaluru proud Alumni of JSSATEB. The speaker emphasized on revolution in IT industry and the technologies that emerged in the past. He briefed about the changes that has taken place in development process, Project management, front end, enterprises, startups, Product and service companies.

He highlighted on the key points that has to be addressed by young aspiring engineers and the challenges to be faced in current digital world. He also briefed about the important domains and the technical skills required for placement and to get deeper knowledge in any one of the domains. Various educational coding platforms and Community forums that can give exposure to current needs were discussed. Around 110 students attended the program. The event was coordinated by Mrs Snehalatha N

Title: "Cyber Security to All"

Report: Brief report on the respective sessions held on 02.03.2024

An SDP on **"Cyber Security to all"** was organized on 2nd March 2024 for V semester students. The resource person was Mr. Bharadwaj D J, Architect/ Technology Manager, @ Synechron, Bengaluru. The Speaker emphasized Cyber Security impacts on day-to-day activities. Speaker Explore the four types of security: Network security, Application security, Endpoint security, and Data security. He highlighted the key vulnerabilities in web applications and hands-on experience with tools like ZAP and Burp Suite for vulnerability assessment and exploitation. He explored how three-way handshake processing happens in network security and how to identify common ports and protocols, laying the foundation for understanding network security essentials. He briefed about threat detection and monitoring and gained insight into incident response and recovery processes, contributing to a comprehensive defensive security strategy. The speaker discussed the industry revolution and job opportunities in the domain of cyber security. Around 170 students attended the program. The event was coordinated by Dr. Abhilash C B, Ms. Shantala K V, Dr. Pavithra G S.

Bengaluru, KA, India
Gaanakallu, Bengaluru, 560060, KA, India
Lat 12.902948, Long 77.505002
03/02/2024 09:49 AM GMT+05:30
Note : Captured by GPS Map Camera

Title: **"Generative AI & Its Applications"**
Category: Hands-on Workshop

Date: Nov 15 & 16th, 2024 (2 days)

Target audience: Fifth Semester Students and Faculty

No. of Resource Persons: 02

No. of Participants: 208

Organized by: Department of Computer Science and Engineering

Report: Brief report on the respective sessions held on Day-1 and Day-2

Two Days Workshop on "Generative AI & Its Applications" is organized on Nov 15th, 2024 & Nov 16th, 2024. Resource persons of the Workshop are Dr. Mahamad Suhil, Applied Scientist II, M/s Amazon Pvt. Ltd. Bengaluru and Dr. P B Mallikarjuna, Professor, Dept. of CSE, JSSATE, Bengaluru. Head of the Department Dr. Prabhudev Jagdeesh welcomed all the participants for the workshop and delivered a note on significance of GenAI & Its applications. Dr. Niranjan C Kundur welcomed the speaker Dr. Mahamad Suhil and Dr. P B Mallikarjuna introduced the speaker to the participants and the Two-day workshop commenced. Finally,
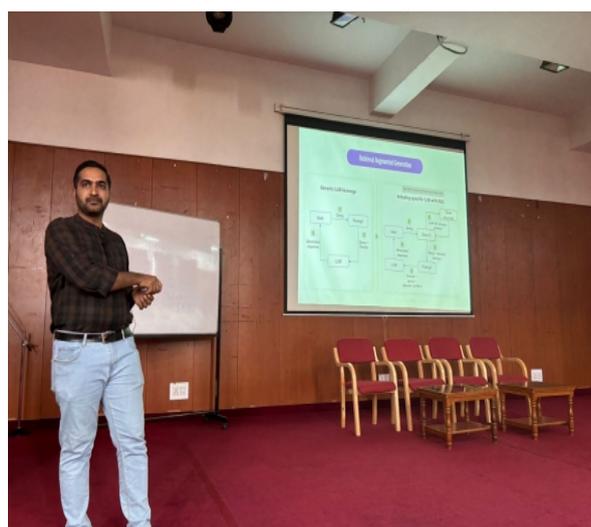
Title: "Breaking Boundaries: Evolution of ADAS in Modern Vehicles"

With the Blessings of His Holiness Jagadguru Sri Shivarathri Deshikendra Mahaswamiji,technical talk on "Breaking Boundaries: Evolution of ADAS in Modern Vehicles " was organized by Department of Computer Science & Engineering, JSS Academy of Technical Education, Bengaluru, which was held on 24th May 2025. Ms. Sakshi Jha, R & D Engineer, M/s Mercedes Benz R& D India, Bengaluru, was the resource person for the workshop. Dr Niranjan C Kundur Associate Professor, Computer Science welcomed the resource person and also mentioned the importance of the technical talk from industry perspective. Mrs. Bhavani B H, Assistant Professor of CSE introduced the resource person to the participants. Students of 4th semester CSE actively participated and gained insights into the core components of ADAS. She demonstrated through videos the core components of Advanced Driver Assistance System which includes many Electronic Control Units (ECUs), high resolution cameras, role of operating systems, types of operating systems used. Also she mentioned how these systems have to work in hard real time to meet the deadline . Around 200 students from 4th Semester participated in the workshop. Resource person also mentioned how to prepare for the interviews and to get into product based companies. Dr. Niranjan C Kundur has expressed his gratitude to the resource person and all the members present for the talk. Mrs. Bhavani B H has concluded the talk by giving vote of thanks.

Title "Large Language Models and its applications"

With the Blessings of His Holiness Jagadguru Sri Shivarathri Deshikendra Mahaswamiji, , workshop on " **LLMs & its Applications**" was organized by Department of Computer Science & Engineering, JSS Academy of Technical Education, Bengaluru, which was held on **23rd, May 2025**. **Dr. Manjunath S, Principal Engineer, M/s Samsung Pvt. Ltd., Bengaluru,** was the resource person for the workshop. Dr Prabhudev Jagadeesh, HOD, Computer Science welcomed the resource person and also mentioned the importance of the workshop from industry perspective. Dr PB Mallikarjuna, Professor of CSE introduced the resource person to the participants. Students of 6th semester CSE actively participated and gained insights into the core components of LLMs, including tokenization, embeddings, attention mechanisms, and transformer architectures with hands-on experience on how it improves contextual comprehension in long text sequences. Around 100 students from 6th Semester participated in the workshop. Resource person implemented the concepts using Python and students were also made to implement the programs along with the resource person.

Dr. Prabhudev Jagadeesh has expressed his gratitude to the resource person and all the members present for the workshop.

Mrs. Bhavani B H has concluded the workshop by giving vote of thanks.

Title: "Scope and Internship Opportunities in Various IT Domains"

The session began with an overview of current trends in Cloud Computing, Artificial Intelligence, Data Science, Cybersecurity, Full Stack Development, and IoT. Industry professionals emphasized the importance of acquiring hands-on experience, certifications, and participation in internship programs to boost employability.The speakers shared valuable insights into how students can align their skills with industry demands, and how to apply for internships with a well-prepared portfolio.Case studies and real-life examples were shared to help students understand the practical applications of technologies across different sectors.

Title: "CLOUD COMPUTING"

Report on Faculty Development Program (FDP) on Cloud Computing Organized by the Department of Computer Science and Engineering, JSSATE Bengaluru

The Department of Computer Science and Engineering at JSS Academy of Technical Education (JSSATE), Bengaluru, successfully organized a Faculty Development Program (FDP) on Cloud Computing. The program aimed to equip faculty members with in-depth knowledge and hands-on experience in cloud technologies, aligning with Visvesvaraya Technological University (VTU) curriculum of 6th and 8th semester 2022 scheme.

The FDP featured expert sessions from academia and industry, followed by practical training to provide real-world exposure to cloud computing concepts. Faculty members from various institutions across Karnataka actively participated, making this a highly interactive and enriching event.

Title: Introduction to Internet of Things (IoT)

Workshop on Introduction to Internet of Things (IoT), was organized by Department of Computer Science and Engineering on 20/06/2026 for CSE Second semester students from 11.00 AM to 1.30 PM. **Mrs. Megha S A & Mrs. Komala H S**, Assistant Professor, Dept of MCA, JSSATEB was the resource persons.

The workshop started with the welcome of the speakers by Dr.Sharanabasavana Gowda immediately followed by session on Introduction to IoT and its Application by the resource persons. The workshop focused on providing an introduction to the Internet of Things (IoT) through hands-on learning with the **ESP32**, a powerful series of System-on-Chip (SoC) microcontrollers. Developed by Espressif Systems, a semiconductor company based in Shanghai, China, the ESP32 is known for its **integrated Wi-Fi and Bluetooth capabilities**, making it ideal for IoT applications.

As the successor to the widely adopted **ESP8266**, the ESP32 offers enhanced features, including **low power consumption, rich peripheral support, and robust security functions**. Its compatibility with multiple development environments, such as **Arduino IDE and MicroPython**, makes it a popular choice among developers and researchers for building scalable and efficient IoT solutions.

Mrs. Megha S A & Mrs. Komala H S, trained students and gave an insight of the working with IOT. Students were benefited from this hands-on session and gained experience working with IOT components. The session ended with discussion and vote of thanks by Dr. Manjunath B Talawar, JSSATE, Bengaluru.

<u>Internet of Things (IoT) using Arduino: A Hands-on approach: Session Photo</u>

Title: HACKWELL 5.0

Department of Computer Science & Engineering, JSSATE, Bengaluru, had organized **HACKWELL 5.0** – Every Line matters, a 48 Hrs online Hackathon sponsored by Honeywell from 2nd April to 4th April 2025. The event was intended to create a platform for students for self-expression and creativity to foster a culture of learning, teamwork, and innovation. The event was driven by M/s Honeywell, who also sponsored an amount of Rs. 1.5 lakh cash prize to the winners, Industry problem statement, and technical support. Honeywell provided mentors during the event to guide the teams and judge the solutions.
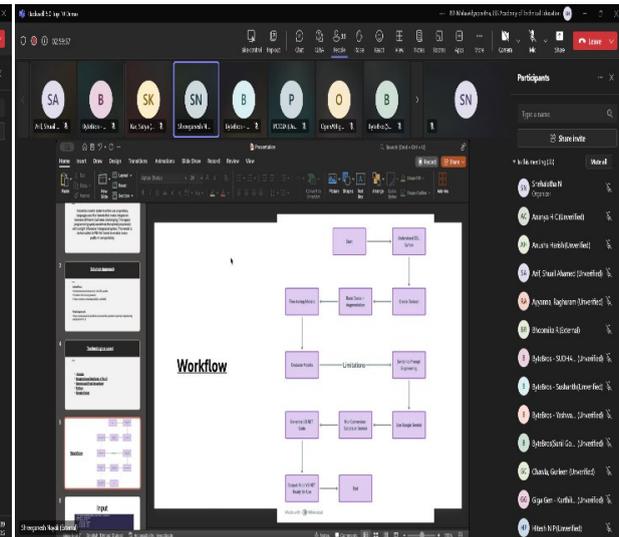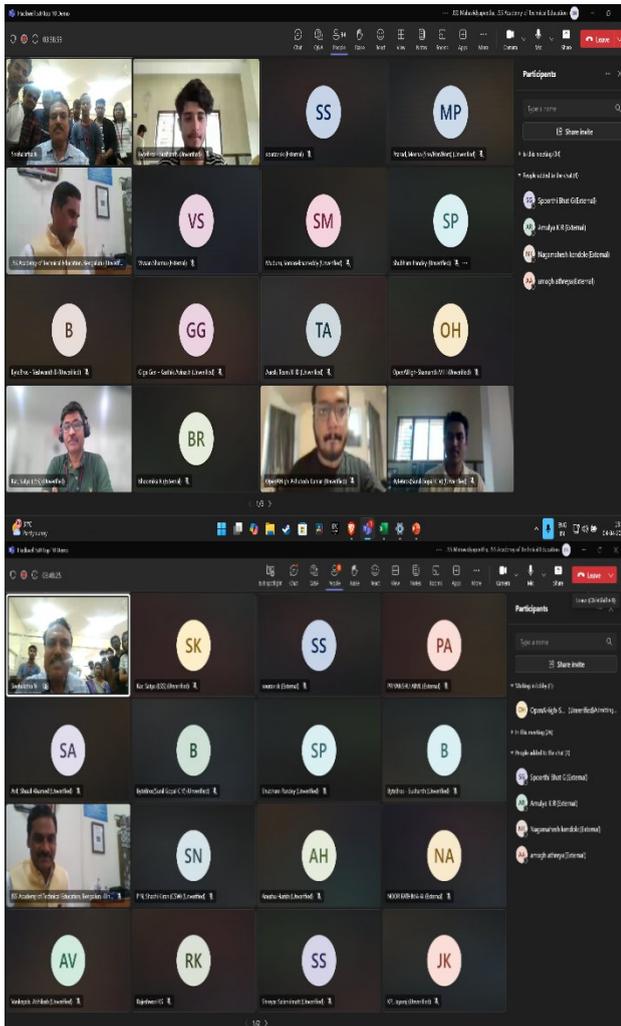
Title: Skill Enhancements Courses Presented by COE- Visveshwaraya Technological University 22-05-2025

Visvesvaraya Technological University (VTU), Karnataka, promotes awareness and adoption of **MOOC (Massive Open Online Courses)** among its students and faculty to align with **NEP 2020** guidelines and improve skill development, employability, and lifelong learning and acquiring Minor degree for enhancing the skills for Industry readiness.

India produces nearly15 lakh engineering graduates annually, yet employability remains a challenge: Core Industry Jobs (2024): Only 2.5 lakh graduates secured positions. Unemployment: Around 65% of engineering graduates remain unemployed. AICTE-approved Colleges: Placement rates are consistently below 50%.Karnataka: 68% in IT/CS due to strong industry connections. Tamil Nadu: 65%, driven by mechanical and electronics .Andhra Pradesh: ~60%, lower for core fields like Civil (55%). Kerala: ~58%, led by IT at 65%.

To address the above issues Visvesvaraya Technological University is launching Minor degree to enhance the Job readiness.

Industry Institute Collaboration & Networking

Industry Collaborated	Events organized	Date
Tequed Labs	Interview Readiness Assessment for 6th sem students- female candidates for "Elite 30" Program	27th July 2024

Sl No	Event Name	Date of Conduction	Name of the Alumni
1	SDP of NetConnect	30.11.2024	Sachin BS, CoE Head at Hoive Minds Bangalore.
2	Judges for Final Year Open Day project Exhibition	4.5.2024	1.Mr Suhas M S Senior TL,Epsilon Bengaluru 2. Sachin B S CEO Hive Minds
3	Invited talk on State of Industry-Early 2024	16.2.2024	Mr Pratik Shah CEO, Halaplay
4	Placement Skills: Connecting Dots	3.2.2024	Mr .Akshay PrakashSoftware Developer Bizongo
5	Orientation Program- Pathways to Success: Alumni Insights for freshers	5.10.2024	1.Ms Vatsal B R Senior Analyst M/s Accenture 2. Ms. Sneha Phaniraj Software Engineer –II M/s. J P morgan

DEPARTMENT OF (ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING)

➢ **ABOUT THE DEPARTMENT:**

The current intake for the program is 90. Faculty with expertise in AI & ML and allied fields have good teaching and research experience to impart quality education in AI & ML through state-of-the-art learning environment. Funded projects related to AI & ML applications and research is being implemented at the Institution. Several Patents and publications are accomplished in AI & ML domain. Awards and recognitions are conferred from reputed organizations to faculty for their contributions to the field. Workshops, Seminars and National/International conferences on AI & ML are organized regularly.

To keep abreast with Industry requirements and standards, Industry Experts are involved in curriculum development and course delivery. Several MoUs with Industries are established for Students Training, Seminars, Internships and Project works. Well established teaching-learning processes will be practiced to effectively implement student-centric outcome based education. The department will offer various Students forum/clubs for students to exhibit their talent in curricular and co-curricular activities. Mentoring system exists to help students at the individual level for Professional guidance, career advancement, course work specific issues and for all-round development. With these strengths, the departments' endeavor is to train the students on strong foundations of AI and ML to meet the emerging challenges of industry and society.

VISION, MISSION OF THE DEPARTMENT

VISION

To emerge as center of academic and research excellence by producing graduates to lead the AI-driven technological revolution.

MISSION

❖ Impart quality education in Artificial Intelligence & Machine Learning through state-of-the-art learning environment.

❖ To build a vibrant community of faculty and students equipped with interdisciplinary Artificial Intelligence & Machine Learning knowledge and skills to solve real industry specific problems.

❖ To facilitate socially responsive research and innovation centre to serve the needs of society.

Program Educational Outcomes :-The Graduates will be able to:

❖ PEO-1 Graduates shall possess vital skills to familiarize to emergent technologies & environment to solve tangible world problems.

❖ PEO-2 Graduates shall have the ability to carry out research in the advanced areas of AI & ML and address the needs of the society.

❖ PEO-3 Graduates shall have essential managerial skills to become competent professionals and entrepreneurs.

Program Specific Outcomes: -The Graduates will be able to:

❖ PSO-1 Apply the ideologies of Basic Engineering Science to gain the hardware and software features of Computer Science.

❖ PSO-2 Ability to design and develop AIML applications using numerous software and hardware tools.

❖ PSO-3 Exhibit the real-world competence using extensive range of programming languages.

➢ **FACULTY DETAILS WITH PHOTOGRAPH (DESIGNATION,DEGREE, TOTAL EXP)**

SL No.	Name	Designation	Qualification	Total Experience	Photograph
1.	Dr. ANIL B.C	Assoc. Professor & Head	B.E.,M.Tech.,Ph.D.	13.6	
2.	Ms. SNEHA Y.S	Assistant Professor	B.E.,M.Tech	01	
3.	Mrs.GEETHANJALI C.M	Assistant Professor	B.E.,M.Tech	02	
4.	Ms PRIYANKA S	Assistant Professor	B.E.,M.Tech	01	

➢ **NON TEACHING FACULTY DETAILS WITH PHOTOGRAPH (DESIGNATION, DEGREE, TOTAL EXP)**

Sl No.	Name	Designation	Qualification	Total Experience	Photograph
1.	Mr. LINGARAJU M N	Instructor	DME	8	
2.	Mr. MANU RAJ L	Instructor	DCS	9	
3.	Mrs. POOJA M	Instructor	DCSE	7	
4.	Mr. SHREYAS A K	Instructor	DCSE	7	

Sl No		Designation	Qualification	Experience	
5.	Mr. MAHADEV PRASAD H P	Instructor	DEC	8	
6.	Mr. VEERABHADRARA SWAMY R	Lab Helper	ITI	10	

➢ NUMBER OF STUDENTS ON ROLL:
TOTAL: 412 || GIRLS: 153|| BOYS: 259

RESEARCH PUBLICATIONS/CONSULTANCY/PATENTS/FUNDED PROJECTS

Sl No	Name of the faculty	RESEARCH PUBLICATIONS
1.		Predicting Chronic Diseases and Measuring Drug Effectiveness in Diabetes using Machine Learning and Statistical Methods to aid Clinical Decision
2.		Application of Nanotechnology in Agricultural Systems: Improving Efficiency and Sustainability
3.		Identifying liver cancer cells using cascaded convolutional neural network and gray level co-occurrence matrix techniques
4.		Enhancing the Scalability of Blockchain Networks using a Data Partitioning Technique
5.	Dr. Anil B C	Interpretable AI for Liver Cancer Detection: Cascaded CNN & GLCM Integration
6.		A Radiomics-based Framework for Liver Cancer Analysis using Explainable Artificial Intelligence (XAI) Methods
7.		Advanced AI for Liver Cancer Detection: Vision Transformers, XAI and Contrastive Learning.
8.		A Hybrid Feature Selection and Hyperparameter-Tuned XGBoost Approach for Liver Disease Prediction

Sl No.	Faculty Name	Name of the conference/ Journal, Place & Date	Details of Publications	
1	Dr. Anil B C	International Journal of Advanced Computer Science & Applications Volume No. 16 Issue No. 7 Date: 01/07/2025	International	National: 00
2		2025 5th International Conference on Soft Computing for Security Applications (ICSCSA) Date: 04/08/2025	International	National: 00

➢ FACULTY ACHIEVEMENTS: Registered For Post Doctoral Fellowship. (Feb 2024) (Anil B C)
➢ STUDENT ACHIEVEMENTS (RANK, BE HONORS, HACKATHON, STIPEND, INTERNSHIP, PRIZE, CO-CURRICULAR ACTIVITIES)

Sl No.	USN	Name	Prize	Event
1	1JS22CI030	Lakki Kunwar	2nd place	Hackathon
2	1JS22CI013	Aryan Prasad		
3	1JS22CI001	Aarush C V		
4	1JS23CI409	Shakthi S.		
5	1JS22CI030	Lakki Kunwar	1st place	Hackathon
6	1JS22CI013	Aryan Prasad		
7	1JS22CI001	Aarush C V		
8	1JS23CI409	Shakthi S.		

Sl No.	USN	Name	Company Name
1	1JS21AI020	Jeevika Hebbar	JSSAHER, Mysuru
2	1JS21AI022	Kusmitha Raj	JSSAHER, Mysuru
3	1JS21AI023	Lahari N A	JSSAHER, Mysuru
4	1JS21AI026	Mithun K A	JSSAHER, Mysuru
5	1JS21AI028	Nikita P	JSSAHER, Mysuru
6	1JS21AI037	Pratyusha R Yarlapati	JSSAHER, Mysuru
7	1JS21AI040	Rakshitha G	JSSAHER, Mysuru
8	1JS21AI046	Shravani Madhugiri	JSSAHER, Mysuru
9	1JS21AI060	Varshini S	JSSAHER, Mysuru
10	1JS21AI063	Kavana K	JSSAHER, Mysuru
11	1JS21AI010	D Ankith	Nortcele Systems Pvt Ltd
12	1JS21AI018	Hitesh N P	CABS-DRDO
13	1JS21AI041	Ritrik Kumar Pathak	Neocubelabs Pvt Ltd
14	1JS21AI050	Sri Vishnu V S	2 Acre Studios
15	1JS21AI053	Tarun Kumar S	Test Driver.AI
16	1JS21AI059	Vallabha Sharma	IISc,Benagluru
17	1JS21AI062	Vivek C M	ADE laboratory of DRDO

Students Achievements

Sl NO.	Description
1	Pre-final year students from the Department of CSE (AI & ML), JSSATE Bengaluru recently participated in HACKMARCH, a national-level hackathon organized by the Department of Computer Applications, KLE Society's S. Nijalingappa College, in collaboration with Certisured. Congratulations to: 1.Pragathi A M 2.Aryan Prasad 3. Lakki Kumar 4. Keerthana H L They received Certificates of Consolation in recognition of their creativity, problem-solving approach, and enthusiastic participation.
2	JSS Navotthana (24-hour Hackathon), part of AIKYAM 2025, hosted by the Department of CSE (AI & ML), JSS Academy of Technical Education, Bengaluru (JSSATEB) on 06/03/2025 & 07/03/2025. These brilliant minds showcased outstanding problem-solving skills, creativity, and innovation. Runners-up - Team AI-TRONICS(JSS Academy of Technical Education, Bengaluru) ✰GurkiratSingh ✰YasharthTripathi ✰RohanGoswami ✰ Raj Kumar
3	Attending the 14th Bharatiya Chhatra Sansad (Indian Student Parliament) from 8th to 10th February 2025 at MIT School of Government, Pune, Bharat was an incredible opportunity for our AI & ML students to engage in meaningful discussions with esteemed dignitaries from across India. Representing JSSATEB with enthusiasm and dedication, our pre-final year AI & ML students: ◈ Sarvesh Gowda L ◈ Swaroop P Pagoji ◈ Sandesh R Patil
4	4. National Mathematics Day events organized by the Department of Mathematics, JSSATEB *Monika C. R.* and *Rahul R.*, 3rd Semester CSE (AI & ML) students. 3rd Prize winners of the Mathematical Innovative Presentation Competition.
5	First-year students, TEAM : AI ODYSSEY 1. Madhura R Hegde 2, Yukthi S Roop 3. Siri Venkatakraju 4. Tejashree R won the Best Efficiency Award at the ENIGMA-2K24, 24-Hour Hackathon Challenge held at Jyothi Institute of Technology on December 13, 2024.
6	first-year students at the Hackatronics event held at Ghousia College of Engineering, Bengaluru, on December 4, 2024. ✧ 1st Place in Technical Quiz: Faizan Khan and other three CSE branch students showcased exceptional knowledge and teamwork, earning 1st Place in the Technical Quiz. ✧ Runner-Up in Hackathon: Shivam Upadhyay and other CSE branch student displayed outstanding creativity and problem-solving skills, securing the Runner-Up position in the Hackathon.
7	first-year students: 1.Shreyas Sreedhara 2.Sherwin Joshua Surendran 3.Shreyansh Singh 4.Adarsh R Have secured an impressive Third Place in the Hackathon event MAGNOVITE, organized by Christ University on December 6, 2024.
8	CSE(AI & ML) and EIE departments N Karthik, Vikram Kharvi, & Tejas S Competing against 2,765 teams from across India, their groundbreaking project, the Smart Glove for Sign Language Translation, secured a place in the Top 30 Teams in India.
9	JSS4SOC'24 online Hackathon, conducted by the Department of CSE (AI & ML) on 20 & 21st July - 2024 in collaboration with GeeksforGeeks! 1st Place: TEAM : Lucid-AI

	Hitesh N P Ankith D Varshini S 2nd Place: TEAM: FABULOUS_FOUR Ananya M Nesha Ramya Raj Keerthi Deshpande Lavanya Sree K Achar 3rd Place: TEAM : ALTHEROY Kartik K Chavan Shashanka Prathvik Kotegar Sudeep Yeri
10	Rachana M. Malger and Aryan Bhat from the EIE department, along with Nagashree D. S from CSE. and Padarti Parthiv from the AIML department, have secured the 2nd runner-up position in the Design and Innovation Clinic 2025, organized by the Central Manufacturing Technology Institute (CMTI). Their project, titled "A Real-Time Sign Language Recognition System for Bridging Communication," was highly appreciated by the expert panel.
11	6th sem student Arundhati Kulkarni participate Nrityanjali'25 At Kristu Jayanti College and won 2nd prize.
12	6th sem student Arundhati Kulkarni performed at St. Claret College fest Mayurika on 4/5/2025 got a 5th rank out 15 teams.
13	Pre-final year students have secured the 1st Prize in the 24-hour CypherQuest Hackathon conducted by Dayananda Sagar Academy of Technology and Management (DSATM), Bengaluru from 25th to 26th April 2025. The winning team members are: Aryan Prasad Lakki Kunwar Aarush C V
14	Team SCAR, comprising pre-final year students from our department, secured the 2nd place in the Mini Hackathon organized by the Department of E&IE at JSS Academy of Technical Education, Bengaluru. team members: • Lakki Kunwar • Aryan Prasad • Aarush C V • Shakthi S.
15	CSE (AIML) department prefinal year students team was selected among the Top 64 out of 3600+ submissions at NMIT Hacks 2025, one of South India's largest national-level hackathons. Students were honored to receive the Google-sponsored award for "Best Use of Gemini API to Power LLM Engines." The 48-hour MLH flagship event was hosted by NITTE Meenakshi and sponsored by Google Gemini, GitHub, MongoDB, Logitech, ETH India, and other prestigious organizations. Work was recognized with prizes worth ₹24,000 and accolades for excellence in applied AI innovation. Team members: 1. Aryan Prasad 2. Lakki Kunwar 3. Aarush C V 4. Shakti S
16	CSE (AIML) department pre-final year students Team– Chirag O, Keerthan B M, and Akash G N – emerged as *First Place (Winners) at SDGForge 2025, hosted at Atria Institute of Technology,Bengaluru on August 10–11, 2025. This hackathon, centered on the United Nations Sustainable Development Goals (SDGs), witnessed participation from several talented teams across institutions, inspiring young innovators to design impactful solutions for a sustainable future.
17	Our students – Team Bhavan Kumar G M (1JS23CI014) and Pranava Rao (1JS24CI054) – emerged

as First Place Winners 🥇🏆🎉 at the Quantum Quest – 24-Hour Hackathon, hosted by CBIT, Kolar on October 16-17, 2025.

Their project, FarmLink – a local food marketplace, leveraged AI for smart crop management, pest detection, and real-time government scheme updates, creating an innovative solution to empower farmers and promote sustainable agriculture.

18	Aryan Prasad, Shakthi S, Bhoomika Subramanya, and N. Karthik – secured First Place 🥇🏆 at the OMNITRICS 2025 Tech Symposium Hackathon, held at The National College, Basavanagudi on 27/10/2025.

Their project focused on solving student academic disengagement using an AI-based platform built on a Multi-Agent System (MAS) framework with LangChain and Mem0 for contextual intelligence.

RESULTS:

Year	Sem	Pass %	Batch
2024-2025	1	76.34	2024
	2	88.17	
	3	95.20	2023
	4	85.70	
	5	81.50	2022
	6	92.63	
	7	77	2021
	8	100	

➢ **PLACEMENTS:**

Sl. No	USN	Name	Company Name	Package(LPA)
1	1JS21AI018	HITESH N P	Winwire	6
2	1JS21AI032	OM RAJ	Winwire	6
3	1JS21AI059	VALLABHA SHARMA	Winwire	6
4	1JS21AI008	BHAVANAM SHREYA REDDY	Winwire	6
5	1JS21AI022	KUSMITHA RAJ	Winwire	6
6	1JS21AI043	SAKSHI S AURADKAR	Winwire	6
7	1JS21AI063	KAVANA K	Winwire	6
8	1JS21AI005	ANKIT P	Cognizant	4
9	1JS21AI024	MANSI Rai	Cognizant	4
10	1JS21AI030	NITIN V	Cognizant	4
11	1JS21AI032	OM RAJ	Cognizant	4
12	1JS21AI010	D ANKITH	Quinbay	4
13	1JS21AI002	AKSHAY KUMAR BHARADWAJ	Musigma	5
14	1JS21AI043	SAKSHI S AURADKAR	Musigma	5

*14 Placed out of 47 Eligible students

➢ **STUDENT CLUB**: Technical Coding club
➢
➢ **About the club** :
   A Department Technical Coding Club fosters a collaborative environment for students to enhance their coding and problem-solving skills. Organized regular coding sessions, hackathons, and workshops to build technical expertise. Members collaborate on projects,

participate in competitions, and stay updated on emerging technologies, preparing them for industry challenges

EVENTS CONDUCTED

Sl No	Date	Program Conducted	Resource Persons	Expenditure (in Rs.)	Impact of the Program
1	22/08/2024	Two days Hands on Session "Java spring Boot Applications"	Mr. Harsha K S (Automation Engineer, Apple) & Mr. Yathish L (Analyst, Eli Lilly)	9,491/-	Students gained foundation programming skills, along with practical experience in developing applications using java spring boat.
2	28/09/2024	"Aadi Antha Prena"	NEC E-Cell team JSSATEB	6,595/-	The Aadi Antha Prerna Startup Pitch Competition was a significant success, showcasing the entrepreeurial spirit and innovative ideas of participants. The event concluded on a high note, inspiring future competitions and fostering growth within the entrepreneurial ecosystem.
3	28/11/2024	Cyber Security and Network Defense with AI Insights	Mr. Abhishek V, Senior Security Manager L2 at IBM	2,130/-	Students learn not just traditional cyber-security skills (like network defense, intrusion detection, cryptography) but also how to apply **machine learning** and AI models to detect anomalies, predict threats, and automate responses
4	21/04/2025	IoT Workshop – A Hands-On Session	Dr. Nirmala Hiremani, VTU Centre for PG Studies, Muddenahalli	4,544/-	An **IoT (Internet of Things) Workshop** that focuses on hands-on learning can have a profound and positive impact on students, providing them with practical skills and knowledge that are directly applicable to the rapidly expanding world of connected devices.
5	16/05/2025	Workshop: "Industrial Applications of	Mr. Shrinidhi Deshapande, Advisory AI	4,500	A workshop focused on *industrial applications of AI*

		Artificial Intelligence: A Practical Insight"	Engineer at IBM Watsonx		provides students with deep, practical exposure to how AI is transforming real-world industries. Such a workshop creates both immediate and long-term impacts on student learning, motivation, and career readiness.
6	30/10/25	Workshop on Artificial Intelligence Applications in Networking Attacks	Mr.Abhishek B V, Security Engineer, WE45 Solutions India Pvt Ltd	3170	A workshop that focuses on the intersection of **AI** and **network security**—specifically how AI is used in networking attacks—has a transformative impact on students. It helps them understand both the offensive and defensive dimensions of cybersecurity in an AI-driven era

> **Events/Seminars/FDP/SDP/Conference/Technical talks organized (SHORT REPORT WITH PHOTOGRAPHS)**

1. Two Days Hands-On Session on "Java Spring Boot Applications"

Two days Student Workshop Hands-On Session on "Java Spring Boot Applications". For Second Year and Third Year CSE (AI&ML) students on 13-09-2024 and 14-09-2024. The resource person was Mr. Harsha K S (Automation Specialist at Apple, India) and Mr. Yathish L (Analyst for the AADS team at Eli Lilly).

Objectives:

The objective of the session was to provide students with practical knowledge and hands-on experience in developing applications using the Java Spring Boot framework. The workshop aimed to bridge the gap between theoretical knowledge and practical application, equipping students with the skills needed for real-world software development.

SESSION OVERVIEW:

1. Introduction to Object-Oriented Programming (OOP)

2. Overview of Spring Framework

3. Introduction to Spring Boot

4. Setting up the Development Environment

5. Building a Simple Spring Boot Application

6. Spring Boot with Databases

7. Building a Full-Stack Web Application

8. Testing and Debugging

9. Project Development

10. Outcome of the Quiz

CONCLUSION:

The two-day hands-on session on Java Spring Boot applications was a highly successful event. Students gained foundational programming skills, along with practical experience in developing applications using Java Spring Boot. The interactive learning experience helped students build confidence in their programming abilities, preparing them for more advanced topics and future projects.

To know the level of understanding about the workshop, a quiz was conducted at the end of the session and feedback was taken. The program was coordinated by Jayasimha, Associate Professor Department of MCA.

Photos of the Program

2. Aadi Antha Prerna – Startup Pitch Competition Report

"Aadi Antha Prerna" event, held on 28th September 2024, was an inspiring startup pitch competition designed to   promote innovation and entrepreneurship among aspiring entrepreneurs. This event successfully brought together 53 participants, mentors, and industry experts, providing a platform for new ideas and business models.

Objectives
- Showcase innovative startup ideas.
- Facilitate connections between budding entrepreneurs and experienced mentors.
- Encourage creativity and entrepreneurial spirit.
- Foster networking opportunities within the startup ecosystem.

Event Highlights
- **Judging Panel:**
  - Ranjan Jena, CEO of E-Market Education
  - Dr. Rekha, Associate Professor & Dean of Academics, JSSATEB
- **Keynote Speaker:** Dr. Anil B C, Associate Professor & Head of Dept. CSE (AIML), JSSATEB
- **Format:** Each startup presented for 10 minutes followed by a Q&A session.

Feedback and Outcomes

Judges commended the creativity and practical approaches demonstrated by participants. Feedback highlighted the valuable networking opportunities and constructive insights provided to each startup. The top team will represent their idea at the "Eureka" zonal evaluation, with potential funding from investors. All participants received certificates to motivate their entrepreneurial journeys.

Conclusion

The Aadi Antha Prerna Startup Pitch Competition was a significant success, showcasing the entrepreneurial spirit and innovative ideas of participants. The event concluded on a high note, inspiring future competitions and fostering growth within the entrepreneurial ecosystem.

<u>Photos of the Program</u>

3. **Cyber Security and Network Defense with AI Insights**

The **Department of CSE (AI & ML), JSSATEB** hosted an engaging hands-on workshop titled **"Cyber Security and Network Defense with AI Insights" on 28/11/2024**, designed to equip participants with cutting-edge skills and knowledge in the evolving domain of cybersecurityLed by Mr. Abhishek V, Senior Security Manager L2 at IBM.

This workshop provided an in-depth exploration of the following key areas:
- **Cyber Security Fundamentals**: Insights into the core principles and practices essential for safeguarding digital infrastructure.
- **Network Defense Strategies**: Techniques and tools to identify and mitigate threats to network systems.
- **AI in Cybersecurity**: Practical demonstrations of how Artificial Intelligence can enhance security frameworks.
- **Introduction to LLMs**: Basics of Large Language Models and their potential applications in cybersecurity.

By integrating hands-on training with the latest advancements in cybersecurity and artificial intelligence, this workshop provided participants with valuable practical insights and industry-relevant skills essential for excelling in today's competitive job market. The sessions were designed to bridge the gap between academic learning and real-world applications, ensuring that students could apply theoretical concepts to solve contemporary challenges in cybersecurity and network defence.

Through the expertise of the keynote speaker, participants gained exposure to cutting-edge tools and methodologies that are highly sought after in the tech industry. This initiative not only enhanced their technical proficiency but also fostered critical thinking and problem-solving skills, which are pivotal for addressing dynamic industry demands. By equipping students with these competencies, the workshop aimed to position them as competitive candidates for high-value roles in the rapidly evolving fields of artificial intelligence, cybersecurity, and network engineering, thereby significantly boosting their career readiness and placement potential.

Key Takeaways from the Workshop

1. **Understanding Cybersecurity Fundamentals**: Participants gained a clear understanding of essential cybersecurity concepts and best practices for securing digital assets.
2. **Insights into Network Defense Strategies**: Practical knowledge of tools and techniques to protect network systems against evolving threats.
3. **Role of AI in Cybersecurity**: Exposure to how Artificial Intelligence can enhance threat detection, response, and overall security architecture.
4. **Introduction to Large Language Models (LLMs)**: Basic understanding of LLMs and their potential applications in the field of cybersecurity.
5. **Hands-on Experience**: Real-time demonstration of cybersecurity tools and AI-driven defense mechanisms to tackle real-world challenges.
6. **Industry Expertise**: Learning from **Mr. Abhishek V**, Senior Security Manager L2, IBM, who shared real-world insights and best practices.
7. **Bridging Academia and Industry**: Alignment of workshop content with current industry demands, making participants placement-ready.
8. **Enhancing Critical Thinking**: Development of analytical and problem-solving skills to address complex security challenges.
9. **Networking Opportunities**: Interacting with industry professionals and gaining insights into career opportunities in cybersecurity and AI.
10. **Boosting Career Readiness**: Equipping students with the skills and knowledge required to excel in high-demand roles in cybersecurity and AI-focused industries.

Photos of the Program

4. IoT Workshop – A Hands-On Session

Organized by: Department of CSE (AI & ML)
Date: April 21, 2025
Venue: Seminar Hall 1, A Block, JSSATEB Campus
Resource Person: Dr. Nirmala Hiremani, VTU Centre for PG Studies, Muddenahalli

The Department of Computer Science and Engineering (AI & ML), JSS Academy of Technical Education, Bengaluru, successfully conducted a full-day **IoT Workshop – A Hands-On Session** on **April 21, 2025**, as part of the first-year course *Introduction to IoT*. The session was held in **Seminar Hall 1, A Block**, and witnessed enthusiastic participation from **over 90 first-year students** of the CSE (AI & ML) branch.

The workshop was led by **Dr. Nirmala Hiremani**, an esteemed faculty member from VTU Centre for PG Studies, Muddenahalli, who brought in rich insights and practical perspectives on Internet of Things (IoT) concepts and real-world applications. The session began at 10 AM and continued till 4 PM, covering both theoretical foundations and hands-on implementation of IoT systems.

Under the able guidance of **Dr. Roopa D N** (Workshop Coordinator and Assistant Professor, Dept. of ME), and support from **Dr. Anil B C** (HOD, CSE - AI & ML), and **Dr. Bhimasen Soragaon** (Principal, JSSATEB), the workshop provided an engaging learning environment that helped students strengthen their understanding of IoT through experiential learning.

The hands-on sessions allowed participants to interact with IoT components, sensors, and microcontrollers, boosting their confidence in building simple IoT models. The workshop not only enriched the students' technical knowledge but also encouraged curiosity and innovation in applying IoT to solve real-world challenges.

Overall, the workshop was highly appreciated by the students and faculty alike, and it marked a significant step in nurturing future-ready professionals in the field of Artificial Intelligence and Machine Learning.

Immense gratitude to **Dr. Anil B C** (HOD, CSE - AI & ML), and **Dr. Bhimasen Soragaon** (Principal, JSSATEB) and **Management** for supporting such an wonderful program.

Photos of the Program

5. Workshop: "Industrial Applications of Artificial Intelligence: A Practical Insight"

The one-day workshop on "Industrial Applications of Artificial Intelligence: A Practical Insight", held on 16th May 2025, brought together industry experts and aspiring professionals to explore the transformative role of Artificial Intelligence (AI) in various industrial domains. The event was designed to bridge the gap between theoretical knowledge and practical, real-world AI implementations, offering participants a rich and insightful learning experience.

The workshop featured two eminent speakers:

Mr. Shrinidhi Deshapande, Advisory AI Engineer at IBM Watsonx, delivered an engaging session focused on the healthcare applications of AI and Machine Learning (ML). He highlighted how AI technologies are revolutionizing diagnostics, predictive analytics, patient monitoring, and personalized medicine. His session included real-world case studies and showcased how AI tools are being integrated into hospital systems and pharmaceutical research to improve efficiency, accuracy, and patient outcomes. Participants gained valuable insights into the ethical considerations and challenges of deploying AI in sensitive areas like healthcare.

Mr. Vijay Shanthagiri, Founder & CEO of Analogica Software Development Pvt. Ltd., provided a deep dive into Artificial Neural Networks (ANN). His technical presentation dissected the architecture and functioning of neural networks, and illustrated how ANN models are applied in industry to solve complex problems such as image recognition, pattern analysis, and predictive maintenance. The session also covered practical aspects like model training, data handling, and optimization techniques, making it highly relevant for students and professionals seeking to enhance their AI capabilities.

In conclusion, the workshop successfully delivered on its promise of providing practical insights into industrial AI applications, leaving participants equipped with knowledge and inspiration to apply AI in their own domains. It was a truly enriching experience that emphasized the real-world potential of Artificial Intelligence when aligned with domain-specific needs and innovations.

Photos of the Program

6. Workshop on Artificial Intelligence Applications in Networking Attacks

Instructor: Mr.Abhishek B V, Security Engineer, WE45 Solutions India Pvt Ltd.

Date: 30/10/2025

Organizers: Department of CSE(AI and ML)

Participants: 5th Semester students & Faculty Members

Total number of participants: 85

1. Executive Summary

This report summarizes a practical, hands-on cybersecurity session led by Mr. Abhishek. The session introduced students to core offensive and defensive tools and platforms used in modern cyber security practice, demonstrated techniques like SQL injection testing and network reconnaissance, and pointed learners to structured training resources (TryHackMe) and governance resources (SBOM guidance). Attendees praised the session as informative and useful for getting started with practical security work.

2. Learning Objectives

- Introduce common open-source tools used in security testing (reconnaissance, exploitation, and web testing).

- Demonstrate automated SQL code testing and common vulnerabilities (SQL injection).

- Provide hands-on exposure to platforms for learning and responsible disclosure (TryHackMe, HackerOne).

- Familiarize students with software component transparency and supply-chain considerations (SBOM).

- Encourage safe, legal, ethical practice and further self-study.

3. Topics &Tools Covered

Tools(Practical)

- **SQLmap** — Automated tool to detect and exploit SQL injection flaws; useful for testing how input is handled and whether parameterization/sanitization is effective.

- **Nmap**—Networks canning and port discovery tool for reconnaissance.

- **Metasploit** — Exploitation framework for validating vulnerabilities and learning exploitation workflows.

- **Burp Suite (Community Edition)** — Web application proxy for intercepting, manipulating, and testing HTTP(S) traffic.

- **Wireshark**— Packet capture and deep network protocol analysis.

- **Wappalyzer** — Browser extension to identify technologies used by websites (useful for reconnaissance).

- **Dir Buster (or similar)** — Directory brute-forcing tools to discover hidden endpoints and files.

Concepts & Platforms

- **Denial of Service (DoS) attack** — Conceptual overview of how DoS works; emphasis on ethics and

legal boundaries (demonstrations only in lab or simulated environments).

- **TryHackMe** — Guided, gamified online labs for learning cybersecurity fundamentals and practice in a safe environment.

- **HackerOne (for Hackers)** — Introduction to responsible disclosure, bounty programs, and how to report/find real-world vulnerabilities ethically.

- **SBOM Guide 2025 (OPSWAT)** — Overview of Software Bill of Materials best practices and how SBOMs turn compliance into a security asset (supply-chain security).

- **SQL Injection** — Explanation of attack vectors, demonstration references (e.g., blog posts and HackerOne write-ups) and four prevention strategies (input validation, prepared statements, least privilege, parameterized queries).

4. Practical Session Highlights

- **Hands-on demos**: Using SQLmap to automate detection of SQL injection points; intercepting requests in Burp Suite; scanning targets with Nmap and analyzing packet captures with Wireshark.

- **Tool installation & verification**: Participants confirmed installations (Burp Suite Community Edition, Wappalyzer, Wireshark) and tried simple workflows.

- **Ethical framing**: Emphasis on executing any tests only in authorized, lab-controlled environments such as TryHackMe rooms or college-hosted labs.

5. Key Take a ways for Students

- Open-source tools like SQLmap, Nmap, Metasploit, Wireshark, and DirBuster enable effective learning but must be used responsibly.

- TryHackMe is a strong starting point to translate theoretical knowledge into practical skills safely.

- Understanding SBOMs and supply-chain visibility is becoming essential for modern security practices.

- Responsible disclosure platforms (HackerOne) provide real-world channels to practice and contribute while staying within legal/ethical boundaries.

- Preventive measures (e.g., prepared statements, input validation, least privilege) are practical and essential to mitigate SQL injection and similar issues.

6. Recommendations

1. **Follow-up labs:** Organize structured TryHackMe paths (Beginner Web Hacking, Linux Fundamentals, Network Fundamentals) as coursework or weekly challenges.

2. **Create a lab environment:** Provide VM or container-based labs where students can safely use Metasploit, SQLmap, and DoS simulations without legal risk.

3. **SBOM awareness:** Integrate a short module on SBOMs and supply-chain security (use the OPSWAT SBOM Guide 2025 as reference material).

4. **Capture and report:** Ask students to document one lab exercise and submit a short write-up (tools

used, commands, findings, and prevention steps) to reinforce learning.

5. **Ethics & disclosure training:** Provide a primer on responsible disclosure and legal/ethical boundaries before any offensive tooling is taught.

7. Suggested Lab Exercises(Beginner→Intermediate)

- **Beginner:** Set up a TryHackMe room and complete the Getting Started path; identify vulnerable input and explain mitigation.

- **Intermediate 1:** Use SQLmap against a deliberately vulnerable lab target; document the payload used and remediation.

- **Intermediate 2:** Perform Nmap reconnaissance and use Wireshark to capture and analyze a simple HTTP exchange.

- **Advanced:** Simulate a web app test using Burp Suite to find and responsibly report a low-severity issue to an instructor-run bug bounty program.

   References& Further Reading(mentionedduringthesession)

- TryHackMe—Getting Started

- OPSWAT—SBOMGuide2025

- Wireshark—official downloads and documentation

- GitHub—microsoft/sbom-tool

- Burp Suite Community Edition—Port Swigger

- Wappalyzer—installation notes

- GitHub—darksagae/dirbuster(andsimilardirectorybrute-forcingtools)

- HackerOne—guidesforhackersandwrite-ups(includingSQLinjectioncasestudies)

Photos of the Program
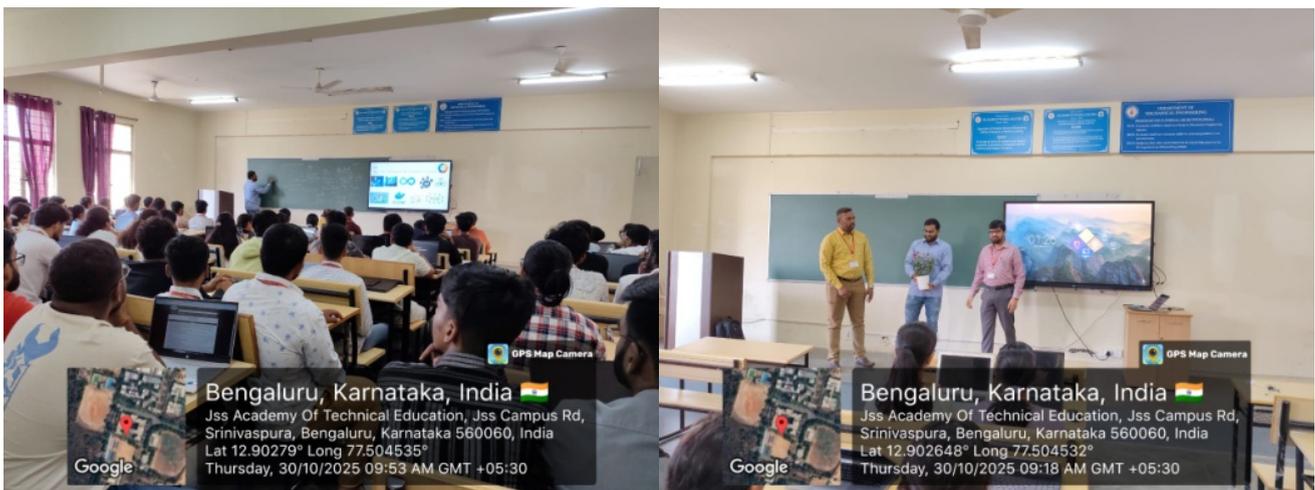
DEPARTMENT OF ELECTRONICS & COMMUNICATION

ABOUT THE DEPARTMENT

The Department of Electronics & Communication Engineering was started in the year 1997 with an intake of 60. Presently the intake of the Undergraduate Program is 180. Undergraduate Program is accredited 4 times and recent being in the year 2023-24 for 03 years. The Post Graduate M.Tech Course in VLSI Design & Embedded System was started in the year 2021 with an intake of 12 students.

The Department is currently headed by Dr. Veerabhadrappa S.T, M. Tech and Ph.D. The Department has well-equipped laboratories, Departmental Library, IEEE-JSSATE Student Branch, ISTE and IETE Student Forum. Department is strengthened by well-qualified faculty members whose main aim is to make students aware of the cutting-edge technology with competence, commitment & teamwork. The Department has an excellent infrastructure for both Under Graduate and Post Graduate Degree with a separate Academic block. Continuous interaction with industries is established through sponsored projects & industrial visits.

Invited lectures are organized regularly in the field of emerging technologies from industry and Academic experts. Also, IEEE technical fest is organized every year to provide a platform for the students to exhibit their talents. Industrial visits are organized as a part of the curriculum. The projects are carried out by the students in industries and the Department, covering all aspects of the Electronics and Communication Engineering field. Soft skills programs are conducted through Placement cell to improve the overall personality development of the students.

The department faculty members have published around 190 journals & 100 conference papers. There are 18 faculty members with doctorate and 12 faculties who are pursuing the Ph.D.

The research and Development Centre of the Electronics & Communication Engineering department was approved in July 2014. The R&D centre carries out fundamental research in selected areas of Power & control engineering, Signal & image processing, VLSI, Communication, Cryptography, Signal and Image Processing, Wireless Sensors Network, Fault Tolerance, Bio-medical Signal Processing, Machine Learning and Deep Learning., The R&D centre has many facilities like computers, internet facility, cadence software & the measuring instruments.

Department has a good Alumni network and meet is conducted annually. Parents Teachers Meeting is conducted every semester. The department has excellent placement and around 80% of students are placed in reputed companies with an average package of 5 lakhs. Department faculty have got funding of 96 lakhs from various funding agencies like VGST, TEQIP, KCTU a few to name.

VISION, MISSION OF THE DEPARTMENT

VISION of ECE Department:

Enable the students to achieve academic excellence at par with premier institutes and to meet the requirements of industry and research in the field of Electronics and Communication Engineering.

MISSION of ECE Department:

M1: Orient the students to meet global challenges in the field of Electronics and Communication Engineering with state-of-the-art facilities and good teaching- learning process.
M2: Impart knowledge in the emerging areas through Industry Institute-interaction, seminars, workshops and conferences.
M3: Provide a strong foundation in core subjects to enable the students for continuous learning and research.
M4: Facilitate students for soft skills and professional ethics.

FACULTY DETAILS WITH PHOTOGRAPH (DESIGNATION, DEGREE, TOTAL EXP)

Sl. No.	Faculty Name	Designation	Degree	Total experience (years)	Photo
1	Dr. Aravinda H S	Professor	Ph.D	27	
2	Dr. Shivakumara Swamy P M	Professor	Ph.D	33	
3	Dr. D Mahesh kumar	Professor	Ph. D	30	
4	Dr. Veerabhadrappa S T	Assoc. Professor	Ph D	31	
5	Dr. Veeramma Yatnalli	Assoc. Professor	Ph.D	28	
6	Dr. Usha. S. M	Assoc. Professor	Ph.D	25	
7	Dr. Saroja S Bhusare	Assoc. Professor	Ph.D	26	
8	Dr. Poornima N	Assoc. Professor	Ph.D	27	
9	Dr. Mallikarjuna Swamy S	Assoc. Professor	Ph.D	16	
10	Dr. Thejaswini P	Assoc. Professor	Ph.D	18	

11	Dr. Anuradha M G	Assoc. Professor	Ph.D	24	
12	Dr.Kavitha M	Asst. Professor	Ph.D	24	
13	Shubha B	Asst. Professor	M Tech (Ph.D)	27	
14	Sheela S N	Asst. Professor	B.E, M.S, (Ph.D)	20	
15	Kavitha H S	Asst. Professor	B.E, M.Tech, (Ph.D)	23	
16	Dr. Savitha. A.C.	Asst. Professor	Ph.D	26	
17	Suguna G C	Asst. Professor	Ph.D	18	
18	Dr. Ravikumar. K.P.	Asst. Professor	Ph.D	18	
19	Sowmya R Bangari	Asst. Professor	B.E, M.Tech, (Ph.D)	17	
20	Sunita L Shirahatti	Asst. Professor	B.E, M.Tech, (Ph.D)	24	
21	Dr. Sangeetha. K.N.	Asst. Professor	Ph.D	14	

Sl. No.	Name	Designation	Degree	Total experience (years)	Photo
22	Gouri S Katageri	Asst. Professor	B.E, M.Tech, (Ph.D)	13	
23	Anu H	Asst. Professor	B.E, M.Tech, (Ph.D)	13	
24	Dr. Mahendra H N	Asst. Professor	Ph.D	15	
25	Shilpa Patil	Asst. Professor	B.E & M.Tech	9	
26	Gunasagari G S	Asst. Professor	B.E, M.Tech, (Ph.D)	9	
27	Basavaraju N M	Asst. Professor	B.E, M.Tech, (Ph.D)	13	
28	Yashaswini B M	Asst. Professor	B.E & M.Tech	5.5	
29	Kurthi T S	Asst. Professor	B.E, M.Tech, (Ph.D)	4	
30	Dr. Kiran B	Asst. Professor	Ph. D	14	

NON TEACHING FACULTY DETAILS WITH PHOTOGRAPH (DESIGNATION, DEGREE,TOTAL EXP)

Sl. No.	Technical Staff Name	Designation	Degree	Total experience (years)	Photo

01	Kumarswamy H C	Foreman	Diploma	27	
02	Mamatha S	Programmer	Diploma	20	
03	Asharani S	Instructor	Diploma	15	
04	Mallesha C	Instructor	Diploma	17	
05	Mahadevappa M	Instructor	Diploma	17	
06	Shivaprakasha H M	Instructor	Diploma, BSc	17	
07	Guruprasad T B	Instructor	BE	9	
08	Madhu S	Instructor	Diploma (BE)	7	
09	Irshad Ahamed	Helper	ITI	20	
10	Basavanna M	Helper	ITI, Diploma	8	

11	Sujatha B A	Helper	ITI, Diploma	7	
12	Manjunatha M	Helper	ITI, (Diploma)	9	
13	Jagish G M	Helper	ITI	7	
14	Anjala P	Attender	PUC	20	

NUMBER OF STUDENTS ON ROLL: 2024-25
TOTAL: 738
GIRLS: 312
BOYS: 426

RESEARCH PUBLICATIONS/CONSULTANCY/PATENTS/FUNDED PROJECTS

Publications	Jan to Dec 2024	August 2024 to May 2025
Conference	22 Nos.	10 Nos.
Journals	12 Nos.	10 Nos.
Patents	04 Nos.	1 Nos.

FACULTY ACHIVEMENTS

Addition funding details

International Conference–GOC Scheme (Rs.3 Lakhs Approved on 28.02.2025)

This international conference strengthens **IIC, NISP, and JSSATEB-STEP activities** by creating a global platform for innovative ideas in agrivoltaics, renewable energy, machine learning, and smart farming. It promotes interdisciplinary research, encourages student startups, and enhances industry–academia collaboration. The event also supports NISP goals through **Startup Expo and Ideathon**, fostering innovation and entrepreneurship among students and faculty.

AICTE-IDEA Lab–Rs.90 Lakhs Approved on 25.03.2025

The AICTE-IDEA Lab significantly boosts **IIC, NISP, and JSSATEB-STEP** by providing an advanced prototyping and innovation facility for students and faculty. It accelerates product development, supports startup incubation, and enables hands-on learning aligned with NISP's innovation and commercialization goals. The lab also strengthens the

innovation ecosystem through interdisciplinary research, real-world problem solving, and stronger industry collaborations.

❖ Dr. Mallikarjuna Swamy Associate Professor delivered a guest lecture on "**Research Proposal Writing and Funding Opportunities" at Global Academy of Technology (GAT), Bengaluru on 4th July 2025**

Description:

The session titled *"Research Proposal Writing and Funding Opportunities"* provided detailed guidance on the process of drafting, structuring, and refining successful research proposals. Dr. Mallikarjunaswamy S elaborated on identifying relevant funding agencies, aligning institutional capabilities with scheme objectives, and building multidisciplinary research collaborations. Participants were briefed on funding schemes under **AICTE**, **MSME**, **DST**, **VGST**, and **ICSSR**, highlighting best practices for proposal evaluation and

sustainability.

Key Highlights:

- Step-by-step methodology for developing strong proposals.
- Insights into effective budget planning and justification.
- Strategies for identifying interdepartmental and industry collaborations.
- Guidance on transforming innovative concepts into fundable proposals.

Outcome:

Faculty members gained clarity on funding application mechanisms, improved confidence in project proposal formulation, and strengthened their institutional readiness for competitive grants.

STUDENT ACHIEVEMENTS
(RANK, BE HONORS, HACKATHON, STIPEND, INTERNSHIP, PRIZE, CO-CURRICULAR ACTIVITIES)

KCST Funding:-

Sl. No.	Student Name	Place	Event	Date	Remark
1	Mr. Nikhil N.	KSCST 47S_BE_2716	An Optimal Renewable Energy Wireless Power Management System For Electric Vehicles	2024	Sanctioned Students Project (KSCST – 47th Series)
2	Mr. M. Vijayraghav				
3	Mr. Nagaraj Moger				
4	Mr. Yuvaraj N				
5	Ms. Koushalya	KSCST 47S_BE_3036	Design And Implementation Of Iot Based Water Quality And Leakage Monitoring System Using Ml	2024	Sanctioned Students Project (KSCST – 47th Series)
6	M. Birabbi				
7	Ms. Sharanya U. G				
8	Ms. Sahana B. H.				

9	Ms. Bhoomika H.				
10	Ms. Pavana G.	KSCST 47S_BE_4039	Bone Cancer Detection From X-Ray Using Deep Learning	2024	Sanctioned Students Project (KSCST – 47th Series
11	Mr. Aruna Kirana Kumar				
12	Mr. Chinmayi A. P				
13	Ms. Punya H. R.				
14	Ms. Harshitha	KSCST 47S_BE_5345	Internet Of Things Based Sericulture Farm Automation Using Machine Learning Algorithm	2024	Sanctioned Students Project (KSCST – 47th Series
15	Mr. Sunil P.				
16	Mr. Srujan S. P				

Student Publications:-

Sl. No	Student Name	Place/Details	Event	Date	Remark
1	Synol DSouza	Paper Publication Renewable Energy-Based Smart Agriculture Systems for Climate Change Prediction	Second International Conference on Networks, Multimedia and Information Technology (NMITCON) 2024	October 2024	pp. 1-7, doi: 10.1109/NMITCON62075. 2024.10698969. October 2024
2	Shubhashree Shanthakumar				
3	Sanjana Pavan				
4	Sudeepti D Nanda,				

NPTEL/MOOC Cources attended:-

Sl. No	Student Name	Place	Event	Date	Remark
1	H Bharath Bhat	NPTEL	Introduction to Programming in C	Jan-Mar 2024 (8 week course)	65%
2	H Bharath Bhat	NPTEL	Programming, Data Structures and Algorithms using Python	Jul-Sep 2024 (8 week course)	67%
3	H Bharath Bhat	NPTEL	Digital Design with Verilog	Jan-Apr 2024 (12 week course)	55%
4	H Bharath Bhat	NPTEL	Hardware Modeling Using Verilog	Jul-Sep 2023 (8 week course)	60%
5	Hrushik Raj S	NPTEL	Systems and Usable Security	Jan-Feb 2023 (4 week Course)	60%
6	Vallabha B J	Online Course Era	Foundations of CybersecuritY	Feb 2, 2024	
7	Vallabha B J	Online Course Era	Google AI Essentials	J un 2, 2024	
8	Vallabha B J	Online Course Era	Play It Safe: Manage Security Risks	Mar 4, 2024	

Sports/ Cultural Achievements:-

Sl. No.	Year	Name of the award/ medal	Team / Individual	University/State/ National/ International	Sports/ Cultural	Name of the student
1	2025	Winner	Team	State	Cultural-Levoisa 2k25	Yashasvi Singh R
2	2025	Winner	Team	State	Cultural-Parva 2k25	Yashasvi Singh R
3	2025	Third	Team	State	Cultural-VTU Fest	Yashasvi Singh R
4	2025	Winner	Individaul	State	Solo Eastren Dance	Sindhura
5	2025	Second	Individual	University	Sports-Tug od War	Mansvi patil
6	2025	Second	Individual	University	Sports-Tug od War	Roshini J
7	2025	Second	Individual	University	Solo Eastren Dance	Roshini J
8	2025	First	Group	University	Sports-Verve Cup	Varsha P
9	2025	First	Individual	University	Sports-National	Apoorva R

					Science Week2025	
10	2025	First	Group	State	Sports-Verve Cup	Janhavi B Patil
11	2025	First	Group	State	Sports-Verve Cup	Nischitha Chindi
12	2025	First	Group	State	Sports-Verve Cup	Bhagyashree
13	2025	Runner Up	Individual	State	Sports-U-58 KG	Umesh Choudhary
14	2025	First	Group	State	Wetsrn-Dance	Rohit G
15	2025	Second	Group	State	Wetsrn-Dance	Rohit G
16	2025	First	Individual	State	Cultural	Rohit G
17	2025	First	Group	State	Group Dance Western	Rohit G
18	2025	First	Group	State	Western Group Dance	Rohit G
19	2025	First	Group	State	Group Dance Western	Rohit G
20	2025	First	Group	State	Street Dance	Rohit G
21	2025	First	Group	State	Cultural Fest	Rohit G

❖ Swati Ram student, ECE department engaged in the profession/Trade/Calling DEXAURAEDGE located at JSS Academy of Technical Education JSS Campus, Uttarahalli Kengeri Main Road, Srinivasapura has been enrolled with effect from 28-05-2025 under the Karnataka Tax on Professions, Trades, Calling and Employments Act, 1976.

❖ Soujaanya Adiga student, ECE department engaged in the profession/Trade/Calling SYN3VA located at JSS Academy of Technical Education JSS Campus, Uttarahalli Kengeri Main Road, Srinivasapura has been enrolled with effect from 28-05-2025 under the Karnataka Tax on Professions, Trades, Calling and Employments Act, 1976.

List of Students completing BE Honours from VTU:-

Sl. No.	USN	Name
1	1JS21EC022	Bhargav Shivaram Bhat
2	1JS21EC175	Vivek V Patil
3	1JS21EC124	Rochana.S
4	1JS21EC168	Varshini N

RESULTS:

UG/PG	I SEM	II SEM	III SEM	IV SEM	V SEM	VI SEM	VII SEM	VIII SEM	M.Tech I Sem	M.Tech II Sem
2024-25	69.44%	83.62%	74.27%	73.17%	71.29%	88.61%	95.31%	98.96%	71.73%	100%

PLACEMENTS:

	Total No. of Final Year Students (N)	No. of Students placed	Average Pack	Highest Package
2024-25	193	63	3.73	6 LPA

HIGHER STUDIES:

MS (abroad)	M.Tech (India)	LLB	Ph.D	Entrepreneur	Total
03	06	01	-	-	10

PROFESSIONAL BODIES LIST/ EVENTS:

1. IEEE
2. IETE

Events Conducted under IETE:

Sl. No.	Event Name	Resource Person	Date	Event Photographs
1	From Idea to Invention: the Role of IPR and Patent Filing	Mr. Sandeep P N K & S Partners Intellectual Property attorneys Bengaluru	20/05/2025	
2	Intellectual Property Rights (IPR) and Patent Filing	Mr. Sandeep P N K & S Partners Intellectual Property attorneys Bengaluru	20/05/2025	
3	Embedded System Design and Testing (SDP)	Mr. Shivananda Gowda Assoc. Director Transdigm India Design Center	16/05/2025	

❖ **STUDENT CLUB: ATHARVA 2K25**

About the club:-

The Department of Electronics and Communication Engineering, JSS Academy of Technical Education, Bengaluru, in association with JSSATEB-STEP, proudly organized ATHARVA 2K25, our annual inter-college fest held on 30th & 31st October 2025. The two-day celebration blended innovation, culture, and unity featuring events like Ideathon 2025, Flash Mob, Kerala Chende Performance, Sports Competitions, Teachers' Games, Kalamahotsav, and the vibrant Garbha Night. More than 71 teams showcased creativity and teamwork, reflecting the spirit of Atharva,

where ideas meet celebration. A heartfelt thanks to our faculty, students, and judges for making ATHARVA 2K25 a memorable and impactful success.

❖ Think 2 Impact – IDEATHON 2025

IDEATHON 2025 was organized under Atharva Student Forum by department of Electronics and Communication Engineering, JSS Academy of Technical Education, Bengaluru, in collaboration with JSSATEB-STEPon 30th October 2025. The prize amount was ₹35,000. Over 71 innovative teams showcased creativity and strong problem-solving skills.

JSSATEB STEP in association with ATHARVA, Department of Electronics & Communication Engineering and VSPRO Trading Academy organised the Career Awareness Programmes for plat form to think, innovate, and inspire across disciplines on 6th September 2025.

Events/Seminars/FDP/SDP/Conference/Technical talks organized
Academic Year 2024-25

Sl. No.	Topic & Date	Name and Organization of the resource person	No. of persons attend
1	SDP on Embedded System Design & Testing on 16th May 2025, under IETE	**Mr. Shivananda Gowda** Associate Director (Software & Embedded Systems), Transdigm India Design Center, Bengaluru **Mr.Avinash B Bulla** Technical Lead (Hardware Systems), Transdigm India Design Center, Bengaluru	100 students (5th sem)
2	IDEATHON program in association with NASA SPACE APPS and Pravishya Technology on 26th September 2025	**Mr. Rajashekar H,** Revaalo Labs Pvt. Ltd., Bengaluru **Ms. Pooja Tak,** Co-Founder Pravishya Tech, Mumbai & NASA Apps	No. of Participants: 293 No. of Team: 72 Teams
3	Technical talk on Opportunities and avenues in research and higher studies,	**Abhilash Kaparthi,** GEEBE Education Partners	110 students (7th semester)

	10th September 2025				

Project Sanctioned by AICTE:-

Sl. No.	Name of the Faculty	Name of the Project	Date of Sanction	Funding Agency	Cost in lakhs
01	Dr.Mallikarjunaswamy Dr. Mahendra H N Mr. Basavarju N M	International Conference on Agrivoltaic Innovations Focusing On Smart Farming with Renewable Energy Machine Learning & Embedded Technologies	28-02-2025	AICTE	3.0

Book Published:-

Sl. No.	Faculty Name	Topic	Published in
01	Dr. Sangeetha K N	Artificial Intelligence in Cyber Security	LAP Lambert Academic Publishing (2025-03-17) ISBN-13: 978-620-8-43635-3 ISBN-10: 6208436354 EAN: 9786208436353 Book language: English

Book chapter Publication:-

Sl. No	Faculty Name	Topic	Published in
01	Dr. S M Usha	Enabling Sustainable Urban Ecosystems: Uniting AI and IoT in Smart city frameworks	Part of the book series: Lecture Notes in Intelligent Transportation and Infrastructure (LNITI-2025)) – Springer, January 2025, Scopus
01	Dr. S M Usha	"Integrating LoRa Technology and Artificial Intelligence for Enhanced Environmental Monitoring and Climate Resilience"	Part of the book series: Lecture Notes in Intelligent Transportation and Infrastructure (LNITI-2025)) – Springer, January 2025, Scopus

FACULTY DEVELOPMENT PROGRAMME ORGANIZED

"Trends and Challenges in Semiconductor Technology, Artificial
Intelligence and Machine Learning: Research Perspective"
(23rd June 2025 to 2nd July 2025)

Organized by: Department of Electronics and Communication Engineering, JSS Academy of Technical Education, Bengaluru, in association with Electronics and ICT Academy, NIT Warangal

Date: 23rd June 2025 to 2nd July 2025

Mode: Online through Google Meet

Coordinators : Dr. Kavitha M, AP, Department of ECE, JSSATEB

Dr. Ekta Goel, AP, Department of ECE, NITW

Introduction

The Department of Electronics and Communication Engineering, JSS Academy of Technical Education, Bengaluru, in association with Electronics and ICT Academy, NIT Warangal successfully organized 10-Days Online Faculty Development Program on "Trends and Challenges in Semiconductor Technology, Artificial Intelligence and Machine Learning: Research

Perspective", Sponsored by Ministry of Electronics and Information Technology, Government of India, from 23rd June 2025 to 2nd July 2025 via Google meet. The program was conducted virtually to facilitate participation from faculty across various locations.

The FDP was attended by 52 participants from various institutions and departments, including ECE and CSE. The diverse participation enriched the discussions and interactions throughout the program.

Program Structure and Sessions

The 10-day program included 20 sessions, each 2 hours long, for a total of 40 hours. Sessions were conducted by eminent resource persons including academicians and industry experts.
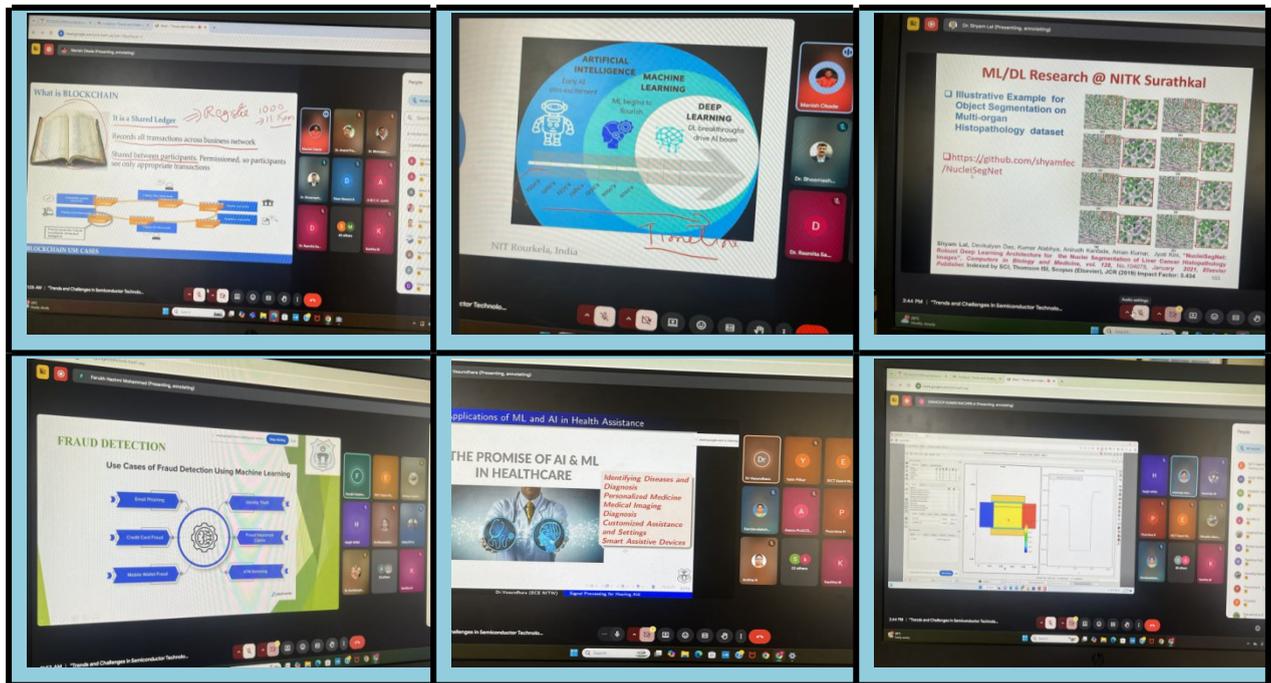
IDEATHON-2025
NASA INTERNATIONAL SPACE APPs CHALLENGE 2025

NASA INTERNATIONAL SPACE APPs CHALLENGE 2025 in Karnataka State, hosted by JSS Academy of Technical Education, Dept of Electronics and Communication Engineering, Bangalore.

The NASA International space app challenge is a collaborative event lead by NASA conducted in different regions all around the world to bring out solutions for everyday problems using open source technologies. This Ideathon conducted amongst colleges where students pitch their ideas and innovations to solve problems in the society. NASA leads this global collaboration along with a number of government collaborations and over 100 local organizing teams across the Globe.

NASA International Space APP Challenge-2025, organized by department of Electronics & Communication Engineering, JSSATEB in association with NASA & Pravishya Tech on 26thSeptember 2025. Around 293 students (72 batches) from various colleges of Karnataka have

participated in this event.

Event-Details: Pre Boot Camps, Event Date 2025, Date: 26th September 2025

No of participants registered: 293 No. of Team Registered: 72 teams

Results

- The event wassuccessfulwith293participants (72 teams)
- Participation certificates are handed over to all the participants.
- Among 72 teams, 3 teams are selected as winners.
- Winners are awarded with medals & cash prizes
- All participants are allowed to update there PPTs to the NASA web page on 4th October2025. The results were announced on NASA web page on 5th October.
- Winners nominated for Global NASA space apps challenge 2025

❖ **Technical talk Organized:-**

Title: Technical talk on **Opportunities & Avenues in Research and Higher Studies**.

Category: Technical talk.

Date: 10th September 2025

No. of Resource Persons: 1

No. of Participants: 110

Main Resource Person with Designation: Mr. Abhilash Kaparthi, GEEBE Education Partner
Mode: Offline
Objective: To discuss importance of research and higher studies.
Report: The technical talk were addressed by our esteemed resource person Mr. Abhilash Kaparthi and co-ordinated by our respectable faculty members Dr. Aravind HS, and Dr. Savitha AC. Our sessions mainly focused on research and higher studies.

Outcomes
- Understanding the Expanding Scope of Research.
- Identifying Key Areas of Opportunity.
- Career Pathways and Opportunities in Research.
- Funding Mechanisms and Support for Research.
- Personal and Societal Impact of Research
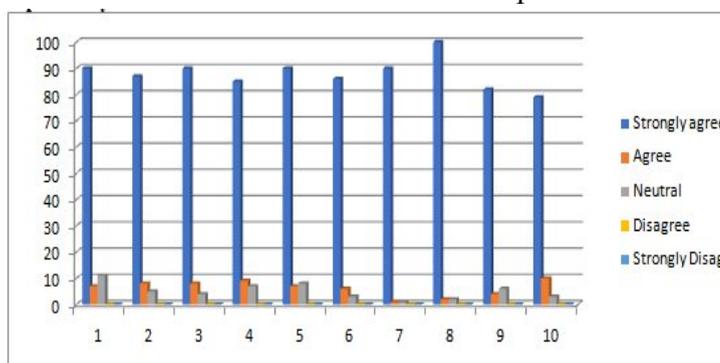
Impact analysis of technical talk

Photographs of session:

❖ **Student Development Programme Organized:-**

Embedded System Design and Testing

Organizers by Department of Electronics and Communication Engineering
Resource Person(s) with Designation: Mr. Shivananda Gowda and Team
Associate Director (Software & Embedded Systems)
Transdigm India Design Center, Bengaluru

Objectives:

- To provide learning platform for students in the field of Embedded System.
- To provide Practical exposure to students by demonstrating projects.

Report

The workshop was inaugurated by Dean Student welfare Dr. D. Maheshkumar, Prof Dr. H S Aravind, and Dr. P M Shivakumaraswamy, Department of Electronics and Communication Engineering. Dr. Ravikumar K P, introduced the Resource Person to the gathering and Dr. P M Shivakumaraswamy welcomed the Resource person with a Bouquet. Dr. P M Shivakumaraswamy, informed the students about the importance of the organizing workshop on recent technology to the students. Mr. **Shivananda Gowda**, resource person started session1 by addressing the transition challenges students face while moving from college to an industrial environment. He then elaborated on the software-hardware development cycle, explaining in detail the integration of microcontroller hardware with software and the general programming guidelines that govern this interaction. Mr. Gowda also shared insights into some of the projects currently being undertaken at Transdigm Technologies, notably:

Outcome of SDP:

The SDP on Embedded Systems offered students a real-world perspective on both software and hardware design processes. The sessions were rich in industry knowledge, bridging the gap between academic learning and industrial practices. It not only enhanced the technical understanding of embedded systems but also provided valuable insights into the expectations and challenges of a professional engineering environment.

Industry Institute Interaction

❖ **RAC Solutions–Industry Interaction on VLSI Applications**

An industry interaction session was jointly conducted by JSSATEB STEP, Department of ECE, and RAC Solutions. The program focused on introducing first-year students to the applications of VLSI and semiconductor design. Experts from RAC Solutions guided students on industrial trends, mentoring opportunities, and project development pathways, enhancing awareness of real-time chip design workflows.

Outcome: Practical mentorship exposure and industry linkage for first-year students.

❖ **STEG On Z–Product Development &Internship Engagement**

Anew incubatee, STEGO nZ, began its operations under IIC , NISP& JSSATEB STEP. The company engaged students in product prototyping and design, offering paid internships from the first year. This initiative helps students gain experience in industry-grade product standards, develop prototypes, and align their technical skills with emerging job-market needs. Outcome: Early-stage entrepreneurship experience and internship support for students.

❖ **RAC SEMI–VLSI Innovation Commitment**

RAC SEMI, an active incubatee, launched a VLSI innovation program at JSSATEB STEP. Students began developing an ONFI-Compatible NAND Controller IP using Xilinx FPGA

and Vivado tools. This project emphasizes RTL coding, FPGA prototyping, and IP core development.

Outcome: Students gained real-time VLSI design exposure and industry-grade technical

expertise.

Activities Conducted Under IIC, NISP and JSSATEB-STEP: PRAGYAN 2025

PRAGYAN 2025 was successfully organized by the Department of Electronics and Communication Engineering under the Atharva Student Forum as part of the Institution's Innovation Council (IIC), National Innovation and Startup Policy (NISP), and SSATEB- STEP initiatives. The event integrated innovation, entrepreneurship development, and student engagement through a series of impactful activities, including the Ideathon and Esports competitions. The Ideathon attracted 50 teams from leading institutions, fostering creative thinking, problem-solving skills, and early-stage startup ideas, while the E sports competitions enhanced team work, leadership, and management abilities among 40 participating teams. This programme significantly strengthened the campus innovation eco system by promoting interdisciplinary collaboration, nurturing entrepreneurial mind sets, and providing students with experiential learning opportunities aligned with IIC and NISP.

❖ Dr.Mallikarjunaswamy S, visited **NIE-CREST (Centre for Renewable Energy & Sustainable Technologies) at The National Institute of Engineering (NIE), Mysuru,** from 28th to 30th November 2024. During these three days of engaging sessions, several critical topics were deliberated, including advancements in hybrid inverter technologies, renewable energy-based smart grid applications and their practical implications. Additionally, detailed discussions were held regarding the conceptualization and submission of an Indo-German project proposal.

Moreover, we explored potential opportunities for collaboration between JSS Academy of Technical Education (JSSATE), Bengaluru, and **renowned German organizations such as TEC4FUELS and OWI SCIENCE4FUEL**. These discussions emphasized a shared vision of fostering innovation in renewable energy technologies and sustainable practices.

In partnership with **NIE-CREST and the aforementioned German-based companies,** we plan to finalize and submit the Indo-German project proposals in the coming days. Additionally, within three days, **I will prepare and submit a detailed report on the interactions and collaborations undertaken during this academic and industrial engagement.**

❖ **Industrial Visit**
    4 members of faculty visited IISC Drone Lab, Bengaluru along with 1st & 3rd semester

M.Tech students on 15th March 2025

Alumni Contributions

Alumni have always been the intrinsic strength at JSSATEB and a have played an active role in driving a number of high impact initiatives for the Institute.

1. To deliver technical talks to student.

2. To adjudicating the project exhibition open day.

3. Supporting student internships.

DEPT OF ELECTRONICS & INSTRUMENTATION ENGG.

ABOUT THE DEPARTMENT

The Department of Electronics and Instrumentation Engineering was established in the year 1997, affiliated to Visvesvaraya Technological University, Belagavi, Karnataka. with an intake of 60 students. The Department is also recognized as research centre to offer Ph.D. programme. The primary objective of the department is to equip students to cater Industry/Societal needs.

VISION

To become globally competent in the field of Electronics and Instrumentation Engineering through education, research and personality development.

MISSION OF THE DEPARTMENT

M1. Provide education by enriching students with technical knowledge and skills through holistic learning environment and state of the art facility

M2. Encourage students to pursue higher education and engage themselves in research and development

M3. Instil students with professionalism and ethics who can work to fulfil the needs of industry and society

FACULTY DETAILS WITH PHOTOGRAPH (DESIGNATION, DEGREE, TOTAL EXP)

Sl.No.	NAME	DESIGNATION	DEGREE	TOTAL EXP	PHOTOGRAPH
1	Dr. Nagesha	Associate Prof.	B.E., M.Tech., P.hd	30	
2	Dr. Bhanumathi K S	Associate Prof. & HOD	B.E., M.Tech., P.hd	20	
3	Mr. B.R Renukumar	Assistant Prof.	B.E., M.Tech	31	

4	Mrs.Harshitha S	Assistant Prof.	B.E.,M.Tech	11	
5	Mrs. Sowmya M S	Assistant Prof.	B.E.,M.Tech	11	
6	N. Nagarathna	Assistant Prof.	B.E.,M.Tech	9	
7	Dr. Sharada Dambal	Assistant Prof.	B.E.,M.Tech., P.hd	3	
8	Shilpa HR	Assistant Prof.	B.E., M.Tech.	4	

NON TEACHING FACULTY DETAILS WITH PHOTOGRAPH (DESIGNATION, DEGREE, TOTAL EXP)

Sl.No.	Name	DESIGNATION	DEGREE	TOTAL EXP	PHOTOGRAPH
1	Shrikantaswamy S C	Foreman	B.E	23	
2	Shivaprakash B	Instructor	Diploma	19	

3	Deepa.A.Biradar	Instructor	Diploma	16	
4	Nagendraswamy.M	Instructor	B.Sc	18	
5	Chandan. N	Instructor	Diploma	11	
6	Vijayakumara H S	Instructor	B.E	8	
7	Mohan H P	Lab Helper	ITI	14	
8	Lokesh.B	Lab Helper	ITI	14	
9	Chandra Mouli.H.R	Attender	BA	13	

NUMBER OF STUDENTS ON ROLL:

Year	I	II	III	IV
TOTAL	59	55	64	46
GIRLS	26	26	32	18
BOYS	33	29	32	28

RESEARCH PUBLICATIONS/CONSULTANCY/PATENTS/FUNDED PROJECTS

Conference

1. Nagesha Shivappa "An autoML algorithm to select linear regression model and its performance evaluation for linear datasets", https://ieeexplore.ieee.org/stamp/stamp.jsp?tp=&arnumber=10924008.
2. Nagesha Shivappa "An autoML algorithm to select suitable decision tree algorithm for classification", https://ieeexplore.ieee.org/stamp/stamp.jsp?tp=&arnumber=10862540.
3. Nagesha Shivappa "A Preprocessing Algorithm to Identify Errors in Datasets for AutoML", https://ieeexplore.ieee.org/stamp/stamp.jsp?tp=&arnumber=10915169.

STUDENT ACHIEVEMENTS (RANK, BE HONORS, HACKATHON, STIPEND, INTERNSHIP, PRIZE, CO-CURRICULAR ACTIVITIES)

Academic Year: 2024-25 (June2024 to May 2025)

Sl. No.	USN	Name of the Student	Event and Date	Achievement
1	1JS21EI033	Pratheeth Pakka	**01-07-2025** Secured 5th Rank in VTU for the 2025 outgoing batch, Electronics & Instruments Engineering, JSS Academy of Technical Education, Bengaluru – 60	Secured 5th Rank in VTU
2	1JS21EI038	Ryna Bhatt	**01-07-2025** Secured 6th Rank in VTU for the 2025 outgoing batch, Electronics & Instruments Engineering, JSS Academy of Technical Education, Bengaluru – 60	Secured 6th Rank in VTU
3	1JS21EI008	B Manjunath	**01-07-2025** Secured 7th Rank in VTU for the 2025 outgoing batch, Electronics & Instruments Engineering, JSS Academy of Technical Education, Bengaluru – 60	Secured 7th Rank in VTU
4	1JS22EI044	Sudeep Yeri	**20-07-2024 & 21-7-2024** Hackathon JSS4SoC' 2024 organized by the department of CSE (AIML), JSS Academy of Technical Education, Bengaluru.	Won 3rd Place in the Hackathon JSS4SoC' 2024
5	1JS21EI011 1JS21EI013 1JS21EI048	Chandana G Hublikar Charan Kumar T Vineeth J	**25-07-2024 to 27-07-2024** Student's participation in the National Science Fair - 2024 exhibition competition organized by the department of	Won 2nd Prize in the National Science Fair - 2024

			Chemistry, JSS Academy of Technical Education, Bengaluru.	
6	1JS21EI014	Darshan S	**July-Sep 2024** 8 weeks course, System Design through Verilog, IIT, Guwahati	NPTEL Swayam online Certificate
7	1JS22EI049	Tejas S	**02-08-2024** Student's participation in the National Space Star-Up Pitch competition, organized by the department of Space, Govt. of India and the New pace India Ltd (NSIL), subsidiary of the Indian Space Research Organization (ISRO), Bengaluru.	Won 1st Prize in National Space Day-2024 competition
8	1JS22EI010	Hrushikesh Upadhya	**July-Oct 2024** 12 weeks course, VLSI Design Flow: RTL to GDS, IIT, Madras	NPTEL Swayam online Certificate
9	1JS22EI043	Srushti D	**July-Oct 2024** 12 weeks course, VLSI Design Flow: RTL to GDS, IIT, Madras	NPTEL Swayam online Certificate
10	1JS23EI027	Manya Bhat	**22-11-2024** Drawing competition, organized by the NSS unit of JSSATEB on the occasion of Constitution Day and Communal Harmony Campaign Week.	Won Second prize, Certificate of Appreciation
11	1JS22EI056	Wilson L Nandipogu	**06-12-2024 to 08-12-2024** Ball badminton competition, JSS Inter-Institutional Sports Meet organized by the JSSATEB.	Won Second prize, Certificate
12	1JS22EI033	Satish	**06-12-2024 to 08-12-2024** Shot put, JSS Inter-Institutional Sports Meet organized by the JSSATEB.	Won Third prize, Certificate
13	1JS23EI027	Manya Bhat	**17-02-2025** The VLSI Design Course with a Grade B, earning a certificate issued by Scholiverse Educare Private Limited in association with Internshala Trainings, and endorsed by Skill India and NSDC (National Skill Development Corporation).	A Grade B was achieved in the course

14	1JS23EI045	Rohan Goswami	**06-03-2025 & 07-03-2025** "Improve AQI Using AI" category at the JSS Navotthana (24-hour Hackathon), organized by the Department of CSE (AI & ML), JSS Academy of Technical Education, Bengaluru.	Runner-up **position** in Navotthan'25 competition
15	1JS21EI007 1JS21EIO37 1JS21EI010	Anushree N Rakshitha Guru C.T. Valliammai	**14-03-2025** **KSCST:** 48th Series of Student Project Programme (SPP): Sponsored Project by Karnataka State Council for Science and Technology, Indian Institute of Science Campus, Bengaluru.	Sanction of Rs.4,500/-
16	1JS23EI001	A Apeksha	**Jan-Apr 2025** 12 weeks course, Digital Design with Verilog, Indian Institute of Technology, Guwahati	NPTEL Swayam online Certificate
17	1JS23EI027	Manya Bhat	**Jan-Apr 2025** 12 weeks course, Microprocessors & Microcontrollers, IIT, Kharagpur	NPTEL Swayam online Certificate
18	1JS23EI049	Sakshi Patil	**Jan-Apr 2025** 12 weeks course, Digital Design with Verilog, Indian Institute of Technology, Guwahati	NPTEL Swayam online Certificate
19	1JS22EI004 1JS22EI017	Aryan Bhatt Malger Rachana Mudkappa	**07-04-2025 to 09-04-2025** The project, titled "A real time sign language recognition system for Bridging Communications," project from the **Design & Innovation Clinic 2025** competition was organized at the event organized by the Central Manufacturing Technology Institute (CMTI) held at the CMTI campus in Bengaluru.	**2nd runner-up position in the Design and Innovation Clinic 2025** competition
20	1JS22EI010	Hrushikesh Upadhya	**Jan-April 2025** 12 weeks course, Digital Design with Verilog, Indian Institute of Technology, Guwahati	NPTEL Swayam online Certificate
21	1JS24EI024	Lakshmi Sagar	**Feb-Apr 2025** 8 weeks course, Introduction to Graphic Design, Indian Institute of Technology, Hyderabad	NPTEL Swayam online Certificate

Program level co-curricular activities

Academic Year: 2024-25 (June2024 to May 2025)

Sl. No.	USN	Name of the Student	Event Date	Event & Organized by	Remarks
1	1JS21EI001 1JS21EI033 1JS21EI039	Abhyudaya Nayak Pratheeth Pakka Sanjana Devaraj Hegde	5-7-2024 to 6-7-2024	'Capture the signal' organized by IEEE – Signal Processing Society BMSIT & M, Bengaluru.	Certificate of Participation
2	1JS22EI044	Sudeep Yeri	20-07-2024 & 21-07-2024 .	Hackathon JSS4SoC' 2024 organized by the department of CSE (AIML), JSS Academy of Technical Education, Bengaluru	Won 3rd Place in the Hackathon JSS4SoC' 2024
3	1JS21EI011 1JS21EI013 1JS21EI048	Chandana G Hublikar Charan Kumar T Vineeth J	25-07-2024 to 27-07-2024	Student's participation in the National Science Fair - 2024 exhibition competition organized by the department of Chemistry, JSS Academy of Technical Education, Bengaluru.	Won 2nd Prize in the National Science Fair - 2024
4	1JS21EI022 1JS21EI023 1JS21EI024 1JS21EI010 1JS21EI008 1JS21EI046	Harshith Chandra Hemalatha S Jeevan N S C T Valliammai B Manjunath Uday Kumar R	25-07-2024 to 27-07-2024	Student's participation in the National Science Fair - 2024 exhibition competition organized by the department of Chemistry, JSS Academy of Technical Education, Bengaluru.	Certificate of Participation
5	1JS22EI010 1JS22EI020 1JS22EI021 1JS22EI043 1JS22EI049 1JS22EI050 1JS22EI055	Hrushikesh Upadhya Namratha B S Nisarga R Srushti D Tejas S Udanya K G Vivekanand	25-07-2024 to 27-07-2024	Student's participation in the National Science Fair - 2024 exhibition competition organized by the department of Chemistry, JSS Academy of Technical Education, Bengaluru.	Certificate of Participation
6	1JS21EI014	Darshan S	July-Sep 2024	8 weeks course, System Design through Verilog, IIT, Guwahati	NPTEL Swayam online Certificate
7	1JS22EI049	Tejas S	02-08-2024	Student's participation in the National Space Star-Up Pitch competition, organized by the department of Space, Govt. of India and the New pace India Ltd (NSIL), subsidiary of the Indian Space Research Organization (ISRO), Bengaluru.	Won 1st Prize in National Space Day-2024 competition
8	1JS22EI010	Hrushikesh Upadhya	July-Oct 2024	12 weeks course, VLSI Design Flow: RTL to GDS, IIT, Madras	NPTEL Swayam online Certificate

Sl. No.	USN	Name of the Student	Event Date	Event & Organized by	Remarks
9	1JS22EI043	Srushti D	**July-Oct 2024**	12 weeks course, VLSI Design Flow: RTL to GDS, IIT, Madras	NPTEL Swayam online Certificate
10	1JS21EI039	Sanjana Devaraj Hegde	**26-09-2024**	Online courses on Excel Skills Job Simulation, JP Morgan Chase & Co.	Certificate of Completion
11	1JS21EI033	Pratheeth Pakka	**18-09-2024**	Online courses on Cyber Security Operations Center (CSOC)-SOC Analyst, Udemy	Certificate of Completion
12	1JS22EI049	Tejas S	**11-09-2024 to 15-09-2024**	Online courses on VLSI for Beginners- organized by National Institute Of Electronics And Information Technology Calicut.	Participation Certificate
13	1JS21EI039	Sanjana Devaraj Hegde	**09-10-2024**	Online courses on The New JavaScript for Web Development, Simplilearn SkillUP.	Certificate of Completion
14	1JS22EI016	Madhavan P	**05-10-2024**	Online courses on Data Analytics & Visualization job simultion	Certificate of Completion
15	3rd semester Students	48 Students	**07-11-2024**	Visit to "STEP, JSSATE, Bengaluru"	Industrial Visit Dr. K S Bhanumathi
16	1JS22EI049 1JS22EI054	Tejas S Vikram Kharvi	**14-11-2024**	The presentation of an innovative idea focused on "the onboard realization of Smart glove for sign language", which was organized by the All India Council for Technical Education in collaboration with STMicroelectronics.	Certificate of Participation
17	1JS23EI027	Manya Bhat	**09-12-2024 to 20-12-2024**	Attended and successfully completed the "Geo-data sharing and Cyber Security" course, offered by the Indian Institute of Remote Sensing (IIRS) in Dehradun (under ISRO, Dept. of Space, Govt. of India) through its Nodal Centre at JSS Academy of Technical Education in Bangalore.	Certificate of Attendance
18	1JS23EI027	Manya Bhat	**Jan 2025**	The Ministry of Youth Affairs and Sports & MyGov awarded Manya Bhat a "Certificate of Participation" for THE VIKSIT BHARAT QUIZ CHALLENGE, encouraging her continued efforts.	Certificate of Participation
19	1JS23EI027	Manya Bhat	**16-02-2025**	Manya Bhat participated in	Certificate of

Sl. No.	USN	Name of the Student	Event Date	Event & Organized by	Remarks
				YUVA CONCLAVE 2025, held on February 16, 2025, and contributed to meaningful discussions on leadership, culture, innovation, and societal impact.	Participation
20	1JS23EI027	Manya Bhat	**17-02-2025**	The VLSI Design Course with a Grade B, earning a certificate issued by Scholiverse Educare Private Limited in association with Internshala Trainings, and endorsed by Skill India and NSDC (National Skill Development Corporation).	A Grade B was achieved in the course
21	1JS23EI045	Rohan Goswami	**06-03-2025 & 07-03-2025**	"Improve AQI Using AI" category at the JSS Navotthana (24-hour Hackathon), organized by the Department of CSE (AI & ML), JSS Academy of Technical Education, Bengaluru.	Runner-up **position** in Navotthan'25 competition
22	1JS21EI007 1JS21EIO37 1JS21EI010	Anushree N Rakshitha Guru C.T. Valliammai	**14-03-2025**	**KSCST:** 48th Series of Student Project Programme (SPP): Sponsored Project by Karnataka State Council for Science and Technology, Indian Institute of Science Campus, Bengaluru.	Sanction of Rs. 4,500/-
23	1JS23EI001	A Apeksha	**Jan-Apr 2025**	12 weeks course, Digital Design with Verilog, Indian Institute of Technology, Guwahati	NPTEL Swayam online Certificate
24	1JS23EI027	Manya Bhat	**Jan-Apr 2025**	12 weeks course, Microprocessors & Microcontrollers, IIT, Kharagpur	NPTEL Swayam online Certificate
25	1JS23EI049	Sakshi Patil	**Jan-Apr 2025**	12 weeks course, Digital Design with Verilog, Indian Institute of Technology, Guwahati	NPTEL Swayam online Certificate
26	1JS22EI010	Hrushikesh Upadhya	**Jan-April 2025**	12 weeks course, Digital Design with Verilog, Indian Institute of Technology, Guwahati	NPTEL Swayam online Certificate
27	1JS24EI024	Lakshmi Sagar	**Feb-Apr 2025**	8 weeks course, Introduction to Graphic Design, Indian Institute of Technology, Hyderabad	NPTEL Swayam online Certificate
28	1JS23EI027	Manya Bhat	**07-04-2025**	Basics of Business	Course completion

Sl. No.	USN	Name of the Student	Event Date	Event & Organized by	Remarks
				Communication course_Infosis	certificate
29	1JS22EI004 1JS22EI017	Aryan Bhatt Rachana M Malger	07-04-2025 to 09-04-2025	The project, titled "A real time sign language recognition system for Bridging Communications," project from the **Design & Innovation Clinic 2025** competition was organized at the event organized by the Central Manufacturing Technology Institute (CMTI) held at the CMTI campus in Bengaluru.	**2nd runner-up position in the Design and Innovation Clinic 2025** competition
30	1JS23EI027	Manya Bhat	10-04-2025	User Experience course_Infosis	Course completion certificate
31	1JS23EI027	Manya Bhat	11-04-2025	Natural Language Processing Fundamentals course_Infosis	Course completion certificate
32	1JS23EI027	Manya Bhat	19-05-2025	Building Creative Confidence course_Infosis	Course completion certificate
33	1JS23EI027	Manya Bhat	20-05-2025	Personality Development - Introductory Course_Infosis	Course completion certificate
34	1JS23EI407	Vinay R N	23-05-2025	Webinar on "IoT-based Drones in Different Domains" organized by the IoT Society of India, Governing Council, Indira Nagar, Church Road, Lucknow – 226016, Uttar Pradesh, India	Participation Certificate
35	1JS23EI027	Manya Bhat	23-05-2025	Webinar on "IoT-based Drones in Different Domains" organized by the IoT Society of India, Governing Council, Indira Nagar, Church Road, Lucknow – 226016, Uttar Pradesh, India	Participation Certificate
36	1JS23EI027	Manya Bhat	04-06-2025 to 06-06-2025	Organized by the State NSS Cell, Department of Youth Empowerment and Sports, Government of Karnataka, and the National Service Scheme, Yenepoya (Deemed to be University), the GLOBAL YOUTH SUMMIT 2025 - "Youth Power: Innovate, Inspire, Impact" International Conference took place in Mangalore, Karnataka.	Certificate of Participation
37	1JS22EI004	Aryan Bhatt	21st – 30th	The Visvesvaraya	Certificate of

Sl. No.	USN	Name of the Student	Event Date	Event & Organized by	Remarks
	1JS22EI017 1JS22EI030 1JS22EI041	Rachana M Malger Rekha D K Sowjanya P T	**April, 2025**	Research & Innovation Foundation, Visvesvaraya Technological University, Belagavi, organized the 10-day Boot Camp 2025 focusing on VLSI & Embedded Systems at the VTU Campus in Belagavi.	Participation

Extra co-curricular activities

Academic Year: 2024-25 (June2024 to May 2025)

Sl. No.	USN	Name of the Student	Event Date	Event & Organized	Remarks
1	1JS22EI033	Sathish	**26-06-2024 to 29-06-2024**	Participated in 25th VTU Inter Collegiate State Level Athletic Meet 2023-24, organized by VTU Regional Centre, Mysuru.	E-Certificate of Appreciation
2	1JS21EI048	Vineeth J	**26-05-2024**	Organized by JSSATEB, 3000mts JSS RUN 24 Stride for Hope, Bengaluru	Participation Certificate
3	1JS23EI009	Chaitanya K Prasad	**27-03-2024 to 30-03-2024**	Participated in the 23rd VTU youth festival "BLISSBEAT-2024" held at SJC Institute of Technology, chikkaballapur	Participation Certificate
4	1JS23EI009	Chaitanya K Prasad	**01-03-2024**	Sanchari Kala Parishad, Practical & Theory Vocal Music, Sangeet Vibhakar, Sunanda School of Music, Bengaluru	Mark sheet (FCD) cum certificate
5	1JS22EI010	Hrushikesh Upadhya	**15-12-2023 & 16-12-2023**	Participated in the event Basketball at the CMR Institute of Technology, state level Intercollegate sports fest "SPARDA"	Participation Certificate
6	1JS23EI027	Manya Bhat	**22-11-2024**	Drawing competition, organized by the NSS unit of JSSATEB on the occasion of Constitution Day and Communal Harmony Campaign Week.	Won Second prize, Certificate of Appreciation
7	1JS22EI056	Wilson L Nandipogu	**06-12-2024 to 08-12-2024**	Ball badminton competition, JSS Inter-Institutional Sports Meet organized by the JSSATEB.	Won Second prize, Certificate
8	1JS22EI033	Satish	**06-12-2024 to 08-12-2024**	Shot put, JSS Inter-Institutional Sports Meet organized by the JSSATEB.	Won Third prize, Certificate

9	1JS23EI027	Manya Bhat	24-12-2024	The Viksit Bharat State Level Essay Competition, a part of the "VIKSIT BHARAT Young Leaders Dialogue - NATIONAL YOUTH FESTIVAL 2025," led to a certificate jointly issued by the Ministry of Youth Affairs & Sports (Govt. of India), the State NSS Cell (Govt. of Karnataka), and Seshadripuram College.	Certificate of Participation
10	1JS22EI023	Nishanth K N	15-03-2025 to 18-03-2025	Participated in VTU 26th State Level Inter Collegiate Athletic Meet 2024-25 organized by Jawaharlal Nehru College of Engg. Shivamogga-577 204.	Participation Certificate
	1JS22EI033	Sathish			
	1JS22EI048	Swikruthi C Shetty			
	1JS22EI056	Wilson L Nandipogu			
	1JS24EI402	Sachin M S			
	1JS24EI404	Thilka Kumar H M			

INTERNSHIP

Academic Year: 2024-25 (June2024 to May 2025)

Sl. No	Student name	USN	Mode of Internship	Company / Organisation / Research centre Name	Address of Company / Organisation / Research centre with Pin code	Joining date of Internship	Completion date of Internship	Duration in Weeks/ Hour	Paid / Unpaid Internship
1	Abhyudya Nayak	1JS21EI001	Option B (Industry/Research Internship)	DRDO(MTRDC)	3H38+V74, BEL Layout, Jalahalli, Bengaluru, Karnataka 560013	09-09-2024	18-03-2025	24 weeks	Unpaid Internship
2	Achyuth Kashyap	1JS21EI002	Option B (Industry/Research Internship)	Precimeasure	Ramnagar, coimbatore - 641009, Tamilnadu	16-09-2024	27-12-2024	15 weeks	Unpaid Internship
3	Akash Harish	1JS21EI003	Option B (Industry/Research Internship)	IQNAAX	EH 52, Scheme No 54, Indore, Madhya Pradesh	08-10-2024	08-02-2025	15 weeks	Unpaid Internship
4	Ananya A Kashyap	1JS21EI004	Option B (Industry/Research Internship)	KIET Technologies Private Limited	Vikram nagar,Kumarswa my layout, Bengaluru560060	19-09-2024	10-01-2025	14weeks	Paid Internship
5	Ananya Jochephed	1JS21EI005	Option B (Industry/Research Internship)	Bmrcl	Shanthi nagar ttmc 3rd floor, 56002	08-10-2024	17-01-2025	15 weeks	Unpaid Internship
6	Anupallavi S	1JS21EI006	Option B (Industry/Research Internship)	Varcons Technology	Ramanashree Arcade, 18, Mahatma Gandhi Rd, Halasuru, Craig Park Layout, Ashok Nagar, Bengaluru, Karnataka	19-08-2024	03-02-2025	6 to 7 hour	Unpaid Internship

				560001				
7	Anushree N	1JS21EI007	Option B (Industry/Research Internship)	Toyota Kirloskar Motor Private Limited	Bidadi, Ramnagara	17-10-2024	22-01-2025	16 Weeks	Unpaid Internship
8	B Manjunath	1JS21EI008	Option B (Industry/Research Internship)	Central Manufacturing Technology Institute(CMTI)	Yeshwanthpur Industrial Area, Phase 1, Yeswanthpur, Bengaluru, Karnataka 560022	18-09-2024	26-12-2024	15 weeks	Unpaid Internship
9	Brinda C	1JS21EI009	Option B (Industry/Research Internship)	Central Manufacturing Technology Institute	Yeshwanthpur Industrial Area, Phase 1, Yeswanthpur, Bengaluru, Karnataka 560022	09-09-2024	21-12-2024	15 weeks	Unpaid Internship
10	CT.Valliammai	1JS21EI010	Option B (Industry/Research Internship)	Take It Smart (OPC) Pvt Ltd	arcade,RPC layout,Hoshalli extension,stage1, vijayanagar,Bengaluru,karnataka 560040	16-09-2024	30-12-2024	15 Weeks	Unpaid Internship

11	Chandana G Hublikar	1JS21EI011	Option B (Industry/Research Internship)	Anthem Biosciences Pvt Ltd	277-P, Survey No- 20, Harohalli Industrial Area, Phase II, Near Bannikuppe Village, Kanakapura Taluk, Ramnagar District, Harohalli, Karnataka	16-09-2024	23-12-2024	15 weeks	Unpaid Internship
12	Chandana M	1JS21EI012	Option B (Industry/Research Internship)	Central Manufacturing Technology Institute	Yeshwanthpur Industrial Area, Phase 1, Yeswanthpur, Bengaluru, Karnataka 560022	09-09-2024	22-12-2024	16 weeks	Unpaid Internship
13	Charan Kumar T	1JS21EI013	Option B (Industry/Research Internship)	Anthem bio science pvt ltd	277-P, Survey No- 20, Harohalli Industrial Area, Phase II, Near Bannikuppe Village, Kanakapura Taluk, Ramnagar District, Harohalli, Karnataka	16-09-2024	23-12-2024	15 weeks	Unpaid Internship

14	Darshan S	1JS21EI014	Option B (Industry/Research Internship)	eTech Prowess	Towers, RBI Layout Main Rd, Nagarabavi, East End Layout, JP Nagar 7thPhase, Bengaluru Karnataka 560078	28-09-2024	30-12-2024	15 weeks	Unpaid Internship
15	Deepu S Patel	1JS21EI015	Option B (Industry/Research Internship)	Terratech Aerospace	Peenya 3rd phase, Bengaluru-560058	24-09-2024	04-01-2025	15 weeks	Unpaid Internship
16	Dhanush S K	1JS21EI016	Option B (Industry/Research Internship)	Terratech Aerospace	Peenya 3rd phase, Bengaluru-560058	24-09-2024	04-01-2025	15 weeks	Unpaid Internship
17	Divya N Patil	1JS21EI017	Option B (Industry/Research Internship)	BMRCL	Shantinagar, Banglore	08-10-2024	17-01-2025	15 weeks	Unpaid Internship
18	G N Narasimha Swamy	1JS21EI018	Option B (Industry/Research Internship)	Varcons Technologies Pvt Ltd	213, 2st Floor, 18 M G Road, Ulsoor, Bangalore-560001	19-08-2024	03-02-2025	24 Weeks	Unpaid Internship
19	Gowtham Gowda H	1JS21EI019	Option C (Skill enhancement courses)	Toyota Kirloskar Auto Parts Pvt Ltd	Bidadi Industrial Area, Bidadi, Bengaluru, Karnataka 562109	02-09-2024	29-11-2024	15 Weeks	Unpaid Internship
20	Harshika C Mouli	1JS21EI021	Option B (Industry/Research Internship)	Varcons technologies	Ramanashree Arcade, 18, Mahatma Gandhi Rd, Halasuru, Craig Park Layout, Ashok Nagar, Bengaluru, Karnataka 560001	11-09-2024	15-03-2025	16weeks	Unpaid Internship
21	Harshith Chandra	1JS21EI022	Option B (Industry/Research Internship)	Anthem Biosciences Limited	Bank Road, Hosur Rd, Electronics City Phase 1, Bommasandra Industrial Area, Bengaluru, Bommasandra, Karnataka 560099	16-09-2024	23-12-2024	15 Weeks	Unpaid Internship
22	Hemalatha S	1JS21EI023	Option B (Industry/Research Internship)	Anthem Bioscience Pvt. Ltd	277-P, Survey No- 20, Harohalli Industrial Area, Phase II, Near Bannikuppe Village, Kanakapura Taluk, Ramnagar District, Harohalli, Karnataka	16-09-2024	23-12-2024	15weeks	Unpaid Internship

23	Jeevan ns	1JS21EI024	Option B (Industry/Research Internship)	Anthem bioscience pvt. Ltd.	277-P, Survey No- 20, Harohalli Industrial Area, Phase II, Near Bannikuppe Village, Kanakapura Taluk, Ramnagar District, Harohalli, Karnataka	16-09-2024	23-12-2024	15 weeks	Unpaid Internship
24	Kaivalya S Gangannavar	1JS21EI025	Option B (Industry/Research Internship)	Varcons Technologies	213, 2st floor, 18 MG Road, Ulsoor, Bengaluru	02-09-2024	25-01-2025	20 weeks	Unpaid Internship
25	Lakshmi	1JS21EI026	Option B (Industry/Research Internship)	Varcons technologies	213, 2nd Floor, Ramanashree Arcade	11-09-2024	15-03-2025	16 weeks	Unpaid Internship
26	Mohammed Musaib Pasha	1JS21EI028	Option B (Industry/Research Internship)	Contriver	Rajarajeshwari Nagar, Bengaluru-560039	16-09-2024	28-12-2024	15 weeks	Unpaid Internship
27	Nabha Hoovappa	1JS21EI029	Option B (Industry/Research Internship)	Konigtronics (OPC) Pvt Ltd	5th main, 5th cross, Chamarajpet, Banglore-560018	05-10-2024	17-01-2025	15 weeks	Paid Internship
28	Nishchitha N S	1JS21EI030	Option B (Industry/Research Internship)	Central Manufacturing Technology Institute(CMTI)	Yeshwanthpur Industrial Area, Phase 1, Yeswanthpur, Bengaluru, Karnataka 560022	10-09-2024	22-12-2024	15 weeks	Unpaid Internship
29	P S Harikrishna	1JS21EI031	Option B (Industry/Research Internship)	ISRO	Old airport road Bengaluru	02-09-2024	14-12-2024	15 weeks	Unpaid Internship
30	Pratheeth Pakka	1JS21EI033	Option B (Industry/Research Internship)	Ernst & Young LLP	Tidel Park, 7th Floor -A Block (Module 601, 701-702), No.4, Rajiv Gandhi Salai, Taramani, Chennai, Tamil Nadu 600113	09-09-2024	11-04-2025	32 Weeks	Unpaid Internship
31	Punith BN	1JS21EI034	Option B (Industry/Research Internship)	Technofly solutions	Vijaynagar Bengaluru karnataka 560040	11-09-2024	30-12-2024	15 weeks	Unpaid Internship

32	R KIRAN	1JS21EI035	Option B (Industry/Research Internship)	U R Rao Satellite Centre	HAL Old Airport road, Vimanapura post, Bengaluru - 560017	02-09-2024	14-12-2024	15 Weeks	Unpaid Internship
33	Rakshith Gowda	1JS21EI036	Option B (Industry/Research Internship)	Terratech Aerospace	Peenya 3rd phase, Bengaluru-560058	24-09-2024	04-01-2025	15 weeks	Unpaid Internship
34	Rakshitha Guru	1JS21EI037	Option B (Industry/Research Internship)	URSC(ISRO)	HAL Old airport road, Vimanapura post, Bengaluru - 560017	02-09-2024	14-12-2024	15 weeks	Unpaid Internship

35	Ryna Bhatt	1JS21EI038	Option B (Industry/Research Internship)	Central Manufacturing Technology Institute (CMTI)	Central Manufacturing Technology Institute Tumkur Road, Yeshwanthpur Industrial Area, Phase 1, Yeshwanthpur, Bengaluru – 560 022	09-09-2024	21-12-2024	15 weeks	Unpaid Internship
36	Sanjana Devaraj Hegde	1JS21EI039	Option B (Industry/Research Internship)	Tietoevry	Tech Park Evry India Pvt Ltd, RO: Global Village, RVCE Post, Mysore Rd, RV Vidyaniketan, Mailasandra, Bengaluru, Karnataka 560059	02-09-2024	31-01-2025	20 weeks	Unpaid Internship
37	Sapthami Pradeep	1JS21EI040	Option B (Industry/Research Internship)	BMRCL	3rd floor Shanthinagar TTMC Banglore 56002	08-10-2024	17-01-2025	15weeks	Unpaid Internship
38	Shashank B G	1JS21EI042	Option B (Industry/Research Internship)	KIET Technologies Private limited	bikasipura main road Yelachenahalli, Bengaluru 560078	23-09-2024	13-01-2025	15 weeks	Paid Internship
39	Shreyas B R	1JS21EI043	Option B (Industry/Research Internship)	ISRO	salagame road, Hassan-573201	01-09-2024	28-11-2024	15 weeks	Unpaid Internship
40	Shreyas Joshi	1JS21EI044	Option B (Industry/Research Internship)	Avana Electrosystems Pvt Ltd	Electrosystems Private Limited, N 1, 3rd floor, 4th Cross,, 52, Peenya Main Rd, Peenya 1st Stage, Peenya, Bengaluru, Karnataka	11-09-2024	17-12-2024	400 hours	Unpaid Internship
41	Shubham A Rao	1JS21EI045	Option B (Industry/Research Internship)	Bosch Limited	No.42, II Phase ,Sector 2, KIADB Industrial Area, Shanumangala, Bidadi Hobli Ramanagar Dist-562109 Karnataka, India	18-09-2024	10-12-2024	15 Weeks	Unpaid Internship
42	Uday Kumar R	1JS21EI046	Option B (Industry/Research Internship)	Contriver	Rajarajeshwari Nagar, Bengaluru-560039	16-09-2024	28-12-2024	15 weeks	Unpaid Internship
43	Venu R	1JS21EI047	Option B (Industry/Research Internship)	Indian Institute of Science(IISc)	CV Raman Rd, Bengaluru, Karnataka 560012	16-09-2024	30-12-2024	16 weeks	Unpaid Internship
44	Vineeth J	1JS21EI048	Option B (Industry/Research Internship)	Indian Institute of Science(IISc)	CV Raman Rd, Bengaluru, Karnataka 560012	16-09-2024	30-12-2024	16 weeks	Unpaid Internship

45	Rajesh R	1JS22EI400	Option B (Industry/Research Internship)	Mecwin Technology pvt Ltd	Super Gas filling station, near Ravindu Toyota Car Service centre, Industrial Suburb, Yeswanthpur, Bengaluru,	09-09-2024	31-12-2024	14weeks	Unpaid Internship
46	Rakshith N	1JS22EI401	Option B (Industry/Research Internship)	Mecwin Technologies Pvt Ltd	Super Gas filling station, near Ravindu Toyota Car Service centre, Industrial Suburb, Yeswanthpur, Bengaluru,	09-09-2024	31-12-2024	14 weeks	Unpaid Internship
47	Punith BN	Punith BN	Option B (Industry/Research Internship)	Technofly solution	Vijaynagar Banglore	11-09-2024	31-12-2024	15weeks	Unpaid Internship

JSS Mahavidyapeetha, Mysuru
JSS Academy of Technical Education Bengaluru
Department of Electronics and Instrumentation Engineering

PAID INTERNSHIP

KIET TECHNOLOGIES (5 KPM)

Shashank B G
(1JS21EI042)

Ananya A Kashyap
(1JS21EI004)

SIEMENS (15 KPM)

Chandana G. Hublikar
(1JS21EI011)

Hemalatha S
(1JS21EI023)

M2NXT (15 KPM)

Achyuth Kashyap
(1JS21EI002)

NOUVEAU LABS PVT. LTD. (15 KPM)

Sanjana Devaraj Hegde
(1JS21EI039)

KONIGTRONICS (OPC) PVT LTD (15 KPM)

Nabha Hoovappa
(1JS21EI029)

DRDO (8 KPM)

Abhyudaya Nayak
(1JS21EI001)

RESULTS

SEM: I								Year : 2024-25
Sub Name	Sub Code	Appeared	Pass	Fail	FCD	FC	SC	Pass %
Mathematics For Ees-I	BMATE101	58	45	13	15	10	20	78
Physics For Eee Stream	BPHYE102	57	46	11	16	17	13	81
Basic Electronics	BBEE103	57	50	07	11	19	20	88
Communicative English	BENGK106	58	53	5	16	28	9	91
Samskrutika Kannada	BKSKK107	51	47	3	31	12	3	92
Balake Kannada	BKBKK107	6	6	0	6	0	0	100
Scientific Foundations Of Health	BSFHK158	59	59	0	36	21	2	100

Introduction To C Programming	BESCK104E	57	36	21	12	14	10	63
Introduction To Internet Of Things (Iot)	BETCK105H	59	45	14	12	21	12	76
Overall Result		**59**	**27**	**32**	**15**	**12**	**0**	**46**

SEM: II							**Year : 2024-25**	
Sub Name	Sub Code	Appeared	Pass	Fail	FCD	FC	SC	Pass %
Mathematics for EE Stream	BMATE201	55	43	12	17	12	14	78
Chemistry for EE Stream	BCHEE202	56	55	1	29	11	15	98
Computer-Aided Engineering Drawing	BCEDK203	57	56	1	28	19	9	98
Introduction to Electrical Engineering	BESCK204B	57	57	0	14	13	30	100
Introduction to Python Programming	BPLCK205B	57	48	9	13	22	13	84
Professional Writing Skills in English	BPWKS206	57	57	0	43	10	4	100
Indian Constitution	BICOK207	57	57	0	50	4	3	100
Innovation & Design Thinking	BIDTK258	57	57	0	45	10	2	100
Overall Result		**57**	**39**	**18**	**22**	**15**	**2**	**68**

SEM: III							**Year : 2024-25**	
Sub Name	Sub Code	Appeared	Pass	Fail	FCD	FC	SC	Pass %
Mathematics - Iii For Ei Engineering	BEI301	55	46	9	13	9	24	84
Analog Electronic Circuits	BEI302	55	47	8	21	17	9	85
Digital Design And Hdl	BEI303	55	51	4	24	16	11	93
Measurement And Transducers	BEI304	55	52	3	6	12	34	95
Measurement And Transducers Lab	BEIL305	55	55	0	51	4	0	100
Social Connect And Responsibility	BSCK307	55	55	0	55	0	0	100
Yoga	BYOK359	10	10	0	10	0	0	100
National Service Scheme	BNSK359	34	34	0	32	0	2	100
Physical Education	BPEK359	11	11	0	11	0	0	100
Static &Dynamic Characteristics And Error analysis In Instrumentation Systems	BEI358A	55	47	8	0	6	41	85
Operating Systems	BEI306B	55	40	15	0	8	32	73
Overall Result		**55**	**35**	**20**	**15**	**19**	**1**	**64**

SEM:IV							**Year : 2024-25**	
Sub Name	Sub Code	Appeared	Pass	Fail	FCD	FC	SC	Pass %
Signal Conditioning and Data Acquisition Circuits	BEI401	55	52	3	30	15	7	95
Embedded Controllers	BEI402	55	51	4	36	11	4	93
Control Systems	BEI403	54	48	6	26	20	2	89
Biomedical Instrumentation	BEI405A	55	53	2	18	24	11	96
Biology For Engineers	BBOK407	55	53	2	19	21	13	96
Universal human values course	BUHK408	55	55	0	53	1	1	100
YOGA	BYOK459	10	10	0	10	0	0	100

Sub Name	Sub Code							
National Service Scheme (NSS)	BNSK459	34	34	0	34	0	0	100
Physical Education (PE) (Sports and Athletics)	BPEK459	11	11	0	11	0	0	100
Programming in MATLAB / SCILAB Lab	BEI456A	55	54	1	35	11	8	98
Signal Conditioning and Data Acquisition Circuits Lab	BEIL404	55	55	0	52	3	0	100
Overall Result		**55**	**45**	**10**	**43**	**2**	**0**	**82**

SEM:V								**Year: 2024-25**
Sub Name	**Sub Code**	**Appeared**	**Pass**	**Fail**	**FCD**	**FC**	**SC**	**Pass %**
Technological Innovation Management & Entrepreneurship	BEI501	64	64	0	48	14	2	100
Process Instrumentation	BEI502	64	61	3	31	21	9	95
Digital Signal Processing	BEI503	64	51	13	8	20	23	80
Digital Signal Processing Lab	BEIL504	64	63	1	62	1	0	98
Mini Project	BEE586	64	64	0	64	0	0	100
Research Methodology and IPR	BRMK557	64	62	2	34	22	6	97
Environmental Studies	BESK508	64	64	0	26	26	12	100
Physical Education	BPEK559	15	15	0	15	0	0	100
Yoga	BYOK559	17	17	0	17	0	0	100
National Service Scheme	BNSK559	32	32	0	16	16	0	100
Computer Communication Networks	BEI515D	64	58	6	33	16	9	91
Over all result		**64**	**47**	**17**	**38**	**9**	**0**	**73**

SEM:VI								**Year: 2024-25**
Sub Name	**Sub Code**	**Appeared**	**Pass**	**Fail**	**FCD**	**FC**	**SC**	**Pass %**
Arm Processors	BEI601	63	62	1	26	19	17	98
Process Control Systems	BEI602	63	61	2	31	22	8	97
Project Phase I	BEI685	64	64	0	63	0	1	100
Process Control And Virtualinstrumentation Lab	BEIL606	64	64	0	49	9	6	100
Digital Image Processing	BEI613B	61	61	0	18	23	20	100
Machine Learning Using Python	BEI657D	63	63	0	40	23	0	100
Yoga	BYOK658	17	17	0	17	0	0	100
Physical Education	BPEK658	15	15	0	15	0	0	100
National Service Scheme	BNSK658	32	32	0	32	0	0	100
Indian Knowledge System	BIKS609	64	64	0	64	0	0	100
Sustainable Development Goals	BCV654D	11	11	0	8	3	1	100

Sub Name	Sub Code	Appeared	Pass	Fail	FCD	FC	SC	Pass %
Renewable Energy Power Plant	BME654B	38	38	0	37	0	1	100
Introduction To Data Structure	BCS654A	14	12	2	3	1	8	86
Over all result		**64**	**58**	**6**	**50**	**8**	**0**	**91**

SEM: 7th   **Year:2024-25**

Sub Name	Sub Code	Appeared	Pass	Fail	FCD	FC	SC	Pass %
Biomedical Instrumentation	21EI71	46	44	2	29	15	0	96
Lasers And Optical Instrumentation	21EI72	46	44	2	31	11	2	96
Aeronautical Instrumentation	21EI731	46	45	1	21	17	7	98
Digital Image Processing	21EI743	46	45	1	16	20	9	98
Intelligent Transportation Systems	21CV754	32	32	0	24	2	6	100
Non-Traditional Machining	21ME751	14	14	0	4	7	3	100
Project Work	21EIP76	46	46	0	46	0	0	100
Over all result		**46**	**44**	**2**	**40**	**4**	**0**	**96**

SEM: 8th								Year:2024-25
Sub Name	**Sub Code**	**Appeared**	**Pass**	**Fail**	**FCD**	**FC**	**SC**	**Pass %**
Technical Seminar	21EI81	46	46	0	46	0	0	100
Industry Internship	21INT822	46	46	0	46	0	0	100
National Service Scheme	21NS83	36	36	0	46	0	0	100
Yoga	21YO83	2	2	0	46	0	0	100
Physical Education	21PE83	8	8	0	46			100
Over all result		**46**	**46**	**0**	**46**	**0**	**0**	**100**

PLACEMENTS:

Academic Year	No. of Students in Final year (With year back Students)	No. of Students in Final year	No. of Students Placed
2024-25	46	46	16

HIGHER STUDIES:

Academic Year	No. of Students in Final year (With year back Students)	No. of Students in Final year	No. of Students who opted Higher Education
2024-25	46	46	03

Events/Seminars/FDP/SDP/Conference/Technical talks organized (SHORT REPORT WITH PHOTOGRAPHS)

Sl. No.	Name of the event organized	Resource person	DD/MM/YY	No. of Participants	Organized by
1.	Workshop on "Introduction to the Semiconductor Industry"	Mr. Balasubramanian Prakash, Mr. Balajee Sheshadri Mr. Boya Vinay Kumar and Mr. Bagewadi Sharvil Vijayanand from Infineon Technologies, Bengaluru.	05/05/2025	200	Sowmya M S, Assistant Professor, Dept of E&IE, JSSATEB.
2.	Invited talk on "Growth Mindset in Engineering Students"	Mr. Naveen Chandra, Global Product Manager of ABB Global Industries and Services Ltd.	26/04/2025	110	Harshitha S, Assistant Professor, Dept of E&IE, JSSATEB.
3.	Expert talk on "Beating the Blood Curse: Deploying Science to Defeat Sickle Cell Anemia."	Dr. Rajesh Srinivasan, Scientist at IISc, Bengaluru,	25/04/2025	139	Sowmya M S, Assistant Professor, Dept of E&IE, JSSATEB.
4.	Technical talk on "Machine Learning tools for Biomedical Instrumentation"	Dr. P B Mallikarjun JSSATE Bengaluru	08/04/2025	50	Dr. Sharada S dambal Assistant Professor, Dept of E&IE, JSSATEB.
5.	Seminar on "Road to IITs & PSU Job through GATE"	Mr. Vipin Kumar Mishra, Lead Mentor at IMS GATE Academy, Bengaluru. and Mr. Sanjeev Kumar, Manager-Student Awareness IMS Learning Resources Pvt Ltd, Bengaluru.	20/03/2025	119	Nagarathna N, Assistant Professor, Dept of E&IE, JSSATEB.
6.	Seminar on "Future-Ready: Leadership and Entrepreneurship in a Technological Era"	Sowmya C U, Assistant professor, Dept OF MBA, JSSATEB.	12/12/2024.	64	Sowmya M S, Assistant Professor, Dept of E&IE, JSSATEB.

7.	Technical talk on "Road map to data science and analyticsRoad map to data science and analytics"	Ms. Amruthavalli M, a data scientist at Cognext Analytics in Bengaluru	23/11/2024	70	Shilpa H R Assistant Professor, Dept of E&IE, JSSATEB.
8.	Workshop on "Virtual Reality Experiences for Various Domains"	Dr. Kazuya Suzuki, Yokogawa Japan Mrs. Megha Chandrashekara, Yokogawa Japan. Mr.Sivaprakasam Gokula Krishnan, Yokogawa Engineering Asia Pte Ltd., Singapore. Mr. Zin Tun Nay, Yokogawa Engineering Asia Pvt Ltd.,Singapore. Mrs. Lakshmi S., Head of Training, Yokogawa India Limited	21/11/2024	30	Dr. Sharada S dambal Assistant Professor, Dept of E&IE, JSSATEB.
9.	Workshop on "Process Automation and Control-Next Gen Solutions"	Ms.Lakshmi SHead-Technical Training, TUV Rheinland Approved Functional Safety Trainer.Yokogawa India Limited. Bengaluru. Mr.Vinay Raj, Training Execution In charge, Yokogawa India Limited. Bengaluru.	08/11/2024	124	Nagarathna N, Assistant Professor, Dept of E&IE, JSSATEB.
10.	Seminar on "Skill Enhancement and Career Advancement for successful Career"	Mr. Subhankar Dhar, Renowned Career Expert & Speaker - IMS Learning Resources Pvt. Ltd., Bengaluru.	30/09/2024	64	Nagarathna N, Assistant Professor, Dept of E&IE, JSSATEB.

1. Workshop titled "Introduction to the Semiconductor Industry"

The Department of Electronics & Instrumentation Engineering at JSSATE, Bengaluru, in collaboration with the Instrument Society of India and Infineon Technologies, organized a workshop titled *"Introduction to the Semiconductor Industry"* on May 5th, 2025.

The workshop aimed to provide students with insights into the semiconductor industry, emphasize the importance of STEM education, and bridge academia–industry gaps. Mr. Balasubramanian Prakash, Distinguished Principal & System Architect at Infineon, introduced the company and highlighted career

prospects in the sector.

The event was graced by Dr. Rekha P M (Dean – Academics), Dr. D Maheshkumar (Dean – Student Welfare), and Dr. K S Bhanumathi (HoD, E&IE). Technical sessions included expert talks by Mr. Prakash on STEM relevance, and experience sharing by Infineon engineers Mr. Boya Vinay Kumar and Mr. Bagewadi Sharvil Vijayanand. Mr. Balajee Sheshadri also delivered a talk on modern electronics.

2. Invited talk on "Growth Mindset in Engineering Students"

On April 26, 2025, an invited seminar on "Growth Mindset in Engineering Students" was hosted by the Department of Electronics & Instrumentation Engineering. The speaker was Mr. Naveen Chandra, Global Product Manager of ABB Global Industries and Services Ltd. and a department alumnus. The program was attended by the fourth, sixth, and eighth semester students of the Dept. The main traits of a growth mindset in engineering students were emphasized by the speaker. Additionally, he highlighted the advantages of developing a growth mindset. He added that rather than being innate

qualities, our brains and skills may be enhanced with commitment and effort. Students who adopt this perspective are more likely to rise to difficulties, persevere through setbacks, and see failures as teaching moments.

3. Expert talk on "Beating the Blood Curse: Deploying Science to Defeat Sickle Cell Anemia."

The Department of Electronics & Instrumentation Engineering (E&IE), JSS Academy of Technical Education, Bengaluru, officially inaugurated the Instrumentation Society of India (ISOI) Student Chapter on 25th April 2025. This initiative aims to provide students a professional platform to engage with the evolving world of instrumentation and technology.

The event was honored by Mr. Hanukumar (Program Manager, ISOI, IISc), Dr. Rajesh Srinivasan (Scientist, IISc), Dr. Rekha P M (Dean – Academics), Dr. D Mahesh Kumar (Dean – Student Welfare), Dr. Bhanumathi K S (HoD, E&IE), and Mrs. Sowmya M S (ISOI Coordinator). Faculty and students participated enthusiastically.

Dr. Rajesh Srinivasan delivered an expert talk on *"Beating the Blood Curse: Deploying Science to Defeat Sickle Cell Anemia"*, highlighting gene therapy and diagnostic technologies. A hands-on demonstration of a diagnostic kit provided practical insights into disease detection, linking engineering and healthcare.

The event was coordinated by Mrs. Sowmya M S, whose efforts ensured its success. Appreciation is extended to Mr. Hanukumar for his vital support in establishing the ISOI chapter. Membership was extended to 4th and 6th semester E&IE students.

4. Technical talk on "Machine Learning tools for Biomedical Instrumentation"

The Department of Electronics and Instrumentation Engineering organized a hands-on session on *"Machine Learning Tools for Biomedical Instrumentation"* on Tuesday, 8th April 2025. The event was held at the Block B, Library Seminar Hall, JSSATEB campus.

The session began at 2:00 PM with a welcome address by Dr. Sharada S Dambal, Assistant Professor, Department of Electronics and Instrumentation Engineering and was followed by the introduction of the session expert. Dr. Mallikarjun was formally welcomed by the Dr. Bhanumathi K S, Head of the Department of Electronics and Instrumentation Engineering,

Dr. Mallikarjun started the workshop by explaining the fundamental machine learning tools and techniques, and how they can be effectively applied in the field of biomedical instrumentation. He demonstrated how machine learning can enhance the performance of biomedical devices through real-world examples. To give the participants a practical perspective, he illustrated the classification of patients with different diseases versus normal patients using a machine learning model, highlighting

how such techniques can aid in faster and more accurate diagnosis.

The session was highly interactive, featuring practical exercises and demonstrations that engaged the participants and helped them gain hands-on experience in implementing machine learning models with biomedical data.

5. Seminar on "Road to IITs & PSU Job through GATE"

A seminar on "Road to IITs & PSU Job through GATE" was organized by the Department of Electronics and Instrumentation Engineering on Thursday, 20th March, 2025 at JSSATEB, by Mr. Vipin Kumar Mishra, Lead Mentor at IMS GATE Academy, and Mr. Sanjeev Kumar, Manager-Student Awareness IMS Learning Resources Pvt Ltd, Bengaluru was the guest lecturer of the seminar.

Highlights of the Session are:

Public Sectors Job (PSU) - Direct Interview Call in 58 companies HAL, IOCL, BHEL, GAIL, ONGC.PGCIL, etc (5000 Vacancies Approx.). Package after training ranges from 12 LPA to 20 LPA.

Latest Trend in PSU jobs & Recent Notification.

Tips & Tricks: Covered important GATE concept and PYQ, and Challenges in preparation.

Government Sector Jobs entrance exams: KPTCL, KPSC, BESCOM, ECIL, RRB JE, DMRC etc. entrance exams can be cracked by the help of GATE preparation. Syllabus is the same as that of GATE.

Private Sectors Jobs – Get more preference in Interview: GATE score authenticates the studentsa. ptitude which makes them more employable.

Higher Technical Education-

● ME, M.Tech, MS & PhD in IITs/IISc. NITs. Students eligible for direct PhDs. Stipend of Rs 12,400/-pm

● Post Graduate Diploma from NITIE Mumbai. One of the top techno managerial programs through GATE.

Admissions to IIMs- Fellowship program: Stipend of Rs 35,000/- pm is paid to the students.

Study Abroad: Admissions to top 50 universities of world like NUS, NTU, TUM though GATE having option of full fee subsidy and monthly stipend.

Important Information Competitive exams:

About Exam, Paper Pattern, Syllabus and Cut-off for various options explained above.

7. Technical talk on "Road map to data science and analyticsRoad map to data science and analytics"

The Department of Electronics and Instrumentation Engineering hosted a technical talk on "Road map to data science and analytics" at JSSATEB on Saturday, November 23, 2024. The guest lecturer who delivered the technical talk was Ms. Amruthavalli M, a data scientist at Cognext Analytics in Bengaluru.

This seminar's goal was to familiarize students with the roadmap of data science and analytics, as well as its scope and the fundamental knowledge needed to work in these fields.

In addition to outlining the differences between data science and data analytics, the speaker also described the job positions in each sector. Additionally covered were the utilization of Excel capabilities such as macros, pivot, table hook up, and visualization tools like tab view and power BI, along with that the need for machine learning grasping in data science and the explanation of clustering were discussed . Additionally, the guest highlighted the value of understanding Python, R, and Pandas, as well as its packages.

Students were also educated about preparing resumes, resume, importance of internship experience, and LinkedIn profiles; the use of GitHub was also discussed. They were encouraged to take up the courses in NPTEL, and online internships were suggested to enhance their knowledge.Students benefited from the seminar in terms of understanding the need for mathematical foundations, Excel tools, and technologies like Spark, machine learning libraries, Python, SQL, Hadoop, etc. Also, students were motivated to use platforms like GitHub, Geeks for Geeks, NPTEL, Coursera,udemia and also educated use of LinkedIn.

8. Workshop on "Virtual Reality Experiences for Various Domains"

A Workshop on "Virtual Reality Experiences for Various Domains" was organized by the Department of Electronics and Instrumentation Engineering on Thursday 21st of November, 2024 at JSSATEB. Dr. Kazuya Suzuki, Head of Forward Value Co-Creation Lab., Yokogawa Electric Corporation, Japan

Mrs. Megha Chandrashekara, Business Developer, Forward Value Co-Creation Lab., Yokogawa Electric Corporation,Japan. Mr. Sivaprakasam Gokula Krishnan, Head of Industrial Solutions Research, Yokogawa Engineering Asia Pte Ltd., Singapore. Mr. Zin Tun Nay, Developer-VR Training, Yokogawa Engineering Asia Pvt Ltd.,Singapore. Mrs. Lakshmi S., Head of Training, Yokogawa India Limited were the experts of the VR workshop.

The speaker discussed the overview of process/plant and controlling of process through virtual reality devices. Then they discussed the latest technologies in VR that are adapted in measurement/communication/control application tools. This workshop gave us an insight about the trends in Process Automation (Ex: in Power Plant Sector).

In a 3-hour immersive workshop, participants engaged with a 3D virtual world using advanced Virtual Reality devices such as headsets, gloves, and controllers. They experienced real-time process control in

industries like oil & gas, pharmaceuticals, manufacturing, and more—all in a simulated environment! This hands-on session highlighted the potential of Virtual Reality to bridge the gap between theoretical learning and real-world applications, empowering the next generation of innovators. Students were also educated about the training programs available in Yokogawa India Ltd. Students were encouraged to participate actively in the above mentioned programs to enhance their knowledge.
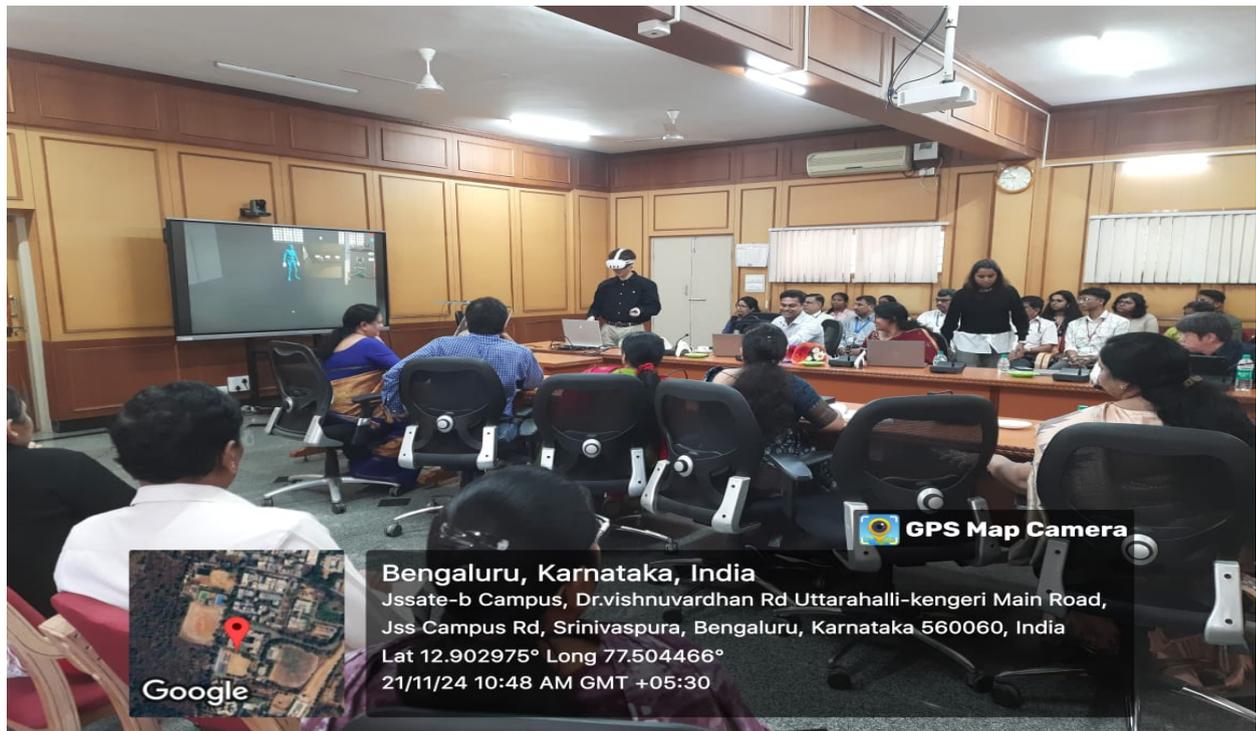
9. Workshop on "Process Automation and Control-Next Gen Solutions"

A seminar on "Process Automation and Control-Next Gen Solutions" was organized by the Department of Electronics and Instrumentation Engineering on 30^h of September, 2024 at JSSATEB, by Friday 08th of November, 2024 at JSSATEB, by Ms. Lakshmi S, Head-Technical Training, TUV Rheinland Approved Functional Safety Trainer, Yokogawa India Limited and Mr. Vinay Raj, Training Execution In charge, Yokogawa India Limited, Bengaluru was the guest lecturer of the seminar.

The technical talk began at 10:00AM to 12PM by the welcome speech by Dr. Bhanumathi K S, Associate Professor and Head, Dept. of Electronics & Instrumentation Engineering. Later the Speaker was introduced to the gathering by Dr. Bhanumathi K S.

The session was taken over by the speaker. The speaker started his technical talk with valuable information and guidance regarding core domain job opportunities, English skills enhancement, resume/CV building, profile building activities, case studies on career planning, higher education options, and Indian and international education opportunities. The session aims to empower students to make informed decisions about their careers and educational pathways.

The speaker discussed the overview of the importance of training program and how advantageous it would be to grow technically. The following seminar Content were discussed.

Part 1: Core Domain Corporate Internship Opportunities for Students Part 2: Technical Profile Building workshop

Part: 3 Scholarship & Fellowship guidance & Indian and International education opportunity

Bengaluru, Karnataka, India
WG33+6VH, Srinivaspura, Bengaluru, Karnataka
560060, India
Lat 12.90302° Long 77.504716°
08/11/24 10:40 AM GMT +05:30

10. Seminar on "Skill Enhancement and Career Advancement for successful Career"

Increased awareness and understanding of core domain job opportunities, enabling students to make informed career choices. Improved English skills, particularly in solving questions mathematically and reading comprehension. Enhanced resume/CV writing skills, with a better understanding of the differencesbetween job and higher education applications.

This seminar was attended by 5th semester students of Electronics and Instrumentation Engineering and received positive feedback from all participants. This program was organized and coordinated byMrs. Nagarathna N, Asst. Prof. Dept. of E&IE.

STUDENT CLUB:

1. INSTRA
2. ABHYUDAYA

Alumni Contributions

Department alumni are helping in placements through off-camp.

DEPARTMENT OF INFORMATION SCIENCE AND ENGINEERING

ABOUT THE DEPARTMENT:

The Department of Information Science and Engineering was established in 1999. The current intake is 180. The department is strengthened by well-qualified faculty members. The main aim is to emphasize the overall growth and development of students with cutting-edge technology by inculcating competence, commitment & teamwork. The Department comprises excellent infrastructure with well-equipped Laboratories, Classrooms, and Departmental Library.

The Student forum SAMYOG is solely for the benefit of the student community established with the aim of by the students, of the students and from the students. The students actively take part in co-curricular activities like projects, paper & poster presentations, coding, debugging, etc. They also are active participants in the extra-curricular events like NSS, sports, college fest, and the preparation of technical magazines & newsletters. They also take part in self-initiated outreach activities like YODHA, Book borrow.com, bookbeka.com, medical camps like blood donation camps, eye testing camps, dental camps, and Ayurvedic camps, etc. Industry interaction is established through MOUs. A good number of industrial visits, Invited lecturers, workshops, seminars, and webinars are also organized regularly in emerging technologies from experts of industries and institutions.

Most of our students are well placed in fortune 500 companies. Our students have recorded very good performance in competitive examinations such as GATE, GRE, GMAT, TOEFL, CAT, PGCET, etc. Many of our Alumni joined MS programs in the leading and reputed Universities in the world.

Further, most of the faculty members and students won the best paper awards, the best poster awards, the best project awards in National / International Conferences across the globe. Our faculty members and students are also members of professional societies like ISTE, CSI, IEEE, IEI, and ACM. etc. Under the R & D activity, faculties are engaged in the publication of research papers in top journals indexed in Web of Science and Scopus indexed journals.

VISION, MISSION OF THE DEPARTMENT:

VISION:

To emerge as a centre of academic excellence, by producing competent professionals to meet the global challenges in the field of Information Science and Technology

MISSION:

- Prepare the competent professionals to meet the advancements in the industry and academia by imparting quality technical education.
- Enrich the technical ability of students to face the world with confidence, commitment and team-work.
- Inculcate and practice strong techno-ethical values.

FACULTY DETAILS WITH PHOTOGRAPH (DESIGNATION, DEGREE, TOTAL EXP)

Sl.No	Name	Designation	Qualification	Total experience	Photo
1	Dr Ashoka D V	Professor	BE, M.Tech, Ph.D	29 Years	
2	Dr Rekha P M	Professor & Dean Academic	BE, M.Tech, Ph.D	23 Years	
3	Dr Naidila Sadashiv	Professor	BE, M.Tech, Ph.D	22 Years	
4	Dr Nagamani N Purohit	Associate Professor & HOD	BE, M.Tech, Ph.D	27 years	
5	Dr Nethravathi B	Associate Professor	BE, M.Tech, Ph.D	21 Years	
6	Dr Sowmya K N	Associate Professor	BE, M.Tech, Ph.D	20 Years	

7	Dr Abhijith H V	Associate Professor	BE, M.Tech, Ph.D	11 years	
8	Mr Sreenatha M	Associate Professor	BE, M.Tech, Ph.D	22 Years	
9	Mrs Mamatha G	Assistant Professor	BE, M.Tech,(Ph.D)	26 Years	
10	Mrs Sudha P.R	Assistant Professor	BE, M.Tech,(Ph.D)	19.5 years	
11	Mrs Nagashree S	Assistant Professor	BE, M.Tech,(Ph.D)	9 years	
12	Mrs Sahana V	Assistant Professor	BE, M.Tech,(Ph.D)	12 years	

13	Mrs Punitha M	Assistant Professor	BE, M.Tech,(Ph.D)	6 years	
14	Ms Sukrutha C Basappa	Assistant Professor	BE, M.Tech,(Ph.D)	2.5 years	
15	Mrs Kavya T C	Assistant Professor	BE, M.Tech,(Ph.D)	12 years	
16	Mrs Reshma B	Assistant Professor	B. E, M.Tech	12 years	
17	Dr Chetan R	Assistant Professor	B.E., M.Tech, Ph.D	18 Years	
18	Dr Basamma Umesh Patil	Assistant Professor	B.E., M.Tech, Ph. D	12 Years	

19	Mrs Gayathri Kamath B	Assistant Professor	B. E, M.Tech, (Ph.D)	14 Years	
20	Mrs Manasa D S	Assistant Professor	B.E., M.Tech	6 Years	
21	Mrs Deepa Konnur	Assistant Professor	BE, M.Tech,(Ph.D)	4 years	
22	Mrs Pushpalatha V	Assistant Professor	BE, M.Tech,(Ph.D)	3 Years	
23	Mrs Rashmi B R	Assistant Professor	BE, M.Tech,(Ph.D)	8 years	

NON TEACHING DETAILS WITH PHOTOGRAPH (DESIGNATION, DEGREE, TOTAL EXP)

Sl.No	Name	Designation	Qualification	Total Experience	Photo
1	Gajendra J	Instructor	Diploma-IST	17 Years	
2	Sowmya G	Instructor	B.E-CSE	10 Years	
3	Mahendra M	Instructor	B.E-CSE	9 Years	
4	Manjunatha H S	Instructor	B.E-CSE	8 Years	
5	Sowmya P	Instructor	B.E-CSE	7 Years	
6	M Ramya	Lab Helper	ITI-COPA	18 Years	
7	Sreedhara S D	Lab Helper	ITI-Fitter	12 Years	
8	Manjunatha H M	Lab Helper	ITI-Fitter	17 Years	
9	Mahadevaswamy H V	Attender	SSLC	24 Years	

NUMBER OF STUDENTS ON ROLL:
TOTAL: **755 (included M.Tech Students)**
GIRLS: 298
BOYS: 457

RESEARCH PUBLICATIONS/CONSULTANCY/PATENTS/FUNDED PROJECTS

Publications in National/ International Journals

Sl. No	Name of the Faculty	Topic	Name of the journals, ISSN No. Volume No. Issue No. date	Impact Factor	Scopus/WOS (only) / Q1,Q2,Q3
1	Dr. Sowmya K.N	Medical Image Authentication Using Statistical Correlations	International Journal of Safety and Security Engineering, Vol. 14, No. 5, pp. 1487-1493. https://doi.org/10.18280/ijsse.140516	2.41	To be indexed Q3
2	Dr. D V Ashoka	F-DenseCNN: feature-based dense convolutional neural networks and swift text word embeddings for enhanced hate speech prediction.	Social Network Analysis and Mining, **Electronic ISSN** 1869-5469 **14**, 192 (2024) https://doi.org/10.1007/s13278-024-01345-3 24 September 2024	3.49	Scopus, WoS, Q1
3	Kavya T C	Sensitive Photonic Crystal Biosensor using distributed Bragg Structure for alcoholm concentration detection	Plasmonics, https://doi.org/10.1007/s11468-024-02511-1 Aug 2024	3.3	Scopus Q3
4	Dr. D.V. Ashoka	EffiViT: Hybrid CNN-Transformer for Retinal Imaging,	Computers in Biology and Medicine, Volume 191,110164, ISSN 0010-4825 April 2025	7.7	Scopus, Q1
5	Dr. Basamma Umesh Patil, Dr. Ashoka D V	"Optimized Multi-Layer Self-Attention Network for Feature-Level Data Fusion in Emotion Recognition".	IAES International Journal of Artificial Intelligence, Vol. 13, No. 4, December 2024, pp. 4435~4445, ISSN: 2252-8938, DOI: 10.11591/ijai.v13.i4.pp4435-4445	2.85	Scopus, Q2
6	Mrs. Sahana V	Hybrid 1D VGG16 and SVM Framework for Early Detection and Intensity Classification of Cyberbullying	International Journal of Intelligent Engineering and Systems,Vol.18,No.3, April 2025, E-ISSN:2185-3118	1.93	Scopus, Q2
7	Dr. Sreenatha M	**Diagnosis and Classification of Depressive Disorders using ML and DL Models**	Engineering, Technology & Applied Science Research, Volume: 15, Issue: 2 Pages: 21383-21389 April 2025, https://doi.org/10.48084/etasr.10017	1.5	Scopus, Q2
8	Mrs. Pushpalatha V	Land use and Land cover Classification for change detection studies Using Convolutional Neural Networks	Appiled Computing and Geosciences,30 January 2025 https://doi.org/10.1016/j.acags.2025.100227	2.66	Scopus Q2

9	Mrs. Reshma B	Rule-Based Lexical Modelling for Translating Proverbs in Kashmiri and Kannada to English: Corpus Creation and Analysis	**Journal of Information Systems Engineering and Management, Vol. 10 No. 38s (2025)**	1.26	Scopus Q3
10	Dr. Chetan R, Dr D V Ashoka	Soil classification revolutionized: A hybrid transfer learning approach with SHAP analysis	Multimedia Tools Application 84, 44647–44678 (2025). https://doi.org/10.1007/s11042-025-20898-9 20-May-2025	5.19	Scopus Q1

Publications in National/ International Conference

Sl. No	Name of the Faculty	Topic	Name of the conference, Date	Journal
1	B Gayathri Kamath	A WebApp Framework for the prediction of e-GFR value and CKD stage using Regression-based Machine Learning Algorithms	INDISCON 2024 22-8-2024 to 24-8-2024	IEEE
2	Mamatha G	Chatgpt: An Ultimate Driving Companion: Systematic Review	International Conference on Recent Innovations in Engineering Science and Technology (ICRIET-2025) 9-10 May 2025	UGC journal, International Journal of Creative Research Thoughts (IJCRT), ISSN:2320-2882, Volume.13, Issue 7, pp.939-946, July 2025, :http://www.ijcrt.org/papers/IJCRTBE02121.pdf
3	Mamatha G	AI-Powered Resilience System for Urban flood Mitigation and Heat Climate adaptation: A Review	11th National Conference on Advancements in Information Technology (NCAIT 2025) 28th May 2025	JSS Journal of Scientific Studies, (JSS-JSS)
4	Mamatha G	CHATGPT: Our Driving Partner- A Systematic Review and Implementation	IEEE International Conference on Electronics, Computing and Communication Technologies (CONECCT-2025) 10-13 July 2025	IEEE Xplore
5	MAMATHA G, Nitya N Hegde (8th sem ISE student)	Prototype Pollution Detection for Node.Js Applications: A Review	10th National Conference on Advancements in Information Technology - NCAIT 2024, 30th April 2024, JSSATE, Bengaluru	MAT Journals: Journal of Cyber Security, Privacy Issues and Challenges e-ISSN: 2583-7656, Vol. 3, Issue 2 (May – August, 2024) pp: (23-32)
6	MAMATHA G, Sinchana Divakar Goudar (8th sem ISE student)	Review on Technology Advancements in Biometric Authentication	10th National Conference on Advancements in Information Technology - NCAIT 2024, 30th April 2024, JSSATE, Bengaluru	MAT Journals: Journal of Information Security System and Cyber Criminology Research Vol. 1, Issue 2 (May – August, 2024) pp: (8-19)
7	MAMATHA G, Neha Subrahmanya Hegde (8th sem ISE student)	Review on AI-Driven Automation for Autonomous Vehicles	10th National Conference on Advancements in Information Technology - NCAIT 2024, 30th April 2024, JSSATE,	MAT Journals: Recent Trends in Artificial Intelligence & It's Applications e-ISSN: 2583-4819, Vol.

				3, Issue 2 (May – August, 2024) pp: (19-28)
8	MAMATHA G, Aditya T Rathod (8th sem ISE student)	A Comprehensive Review on Digital Twin Applications in Healthcare System	10th National Conference on Advancements in Information Technology - NCAIT 2024, 30th April 2024, JSSATE, Bengaluru	MAT Journals: Journal of Big Data Technology and Business Analytics e-ISSN: 2583-7834, Vol. 3, Issue 2 (May – August, 2024) pp: (31-42)
9	Naidila Sadashiv, Aneesha Krishna Maiya U, Akash Reddy V,Geetha S	YouTube Transcript Summarization Using Abstractive and Extractive Approaches	2024 Second International Conference on Advances in Information Technology (ICAIT)	IEEE
10	Nagamani N P, Nitin Hegde, Rakesh, Rohith Kumar R, Srujan U	Blockchain Cloud Privacy: Access Control Framework	10th National Conference on Advancements in Information Technology - NCAIT 2024, 30th April 2024, JSSATE, Bengaluru	MAT Journals: Journal of Cryptography and Network Security, Design and Codes Vol.1 Issue 2 pp: (20-28)
11	Nethravathi B	Early Detection of Battery Depletion Attack in 5G-based UAV Networks	IEEE International Conference on Advanced Networks and Telecommunications Systems 15–18 December 2024, IIT Guwahati, Assam, India	IEEE Xplore
12	Rekha P M	Optimizing Soil Moisture Prediction and Crop Yield Enhancement for Medicinal Plants Using Convolutional Neural Networks in Precision Agriculture	1st International conference on Emerging Technologies in Electronics and Communication Engineering (ICETE-2024) held during 13- 14 December 2024 at Chaitanya Bharathi Institute of Technology, Hyderabad, India.	
13	Nagamani N P	Hybrid CNN-RNN Models for Accelerating AntiViral DrugDiscovery: A Computational Framework for Virus-Drug Predictions	3rd International Conference on Applications of AI in Smart Technologies and Manufacturing (AISTM - 2025) organized by Marri Laxman Reddy Institute of Technology	

14	Sowmya K.N	Security of Examination Question Paper Through Block chain – Secure Q	2024 International Conference on Innovation and Novelty in Engineering and Technology (INNOVA)	**2024 International Conference on Innovation and Novelty in Engineering and Technology (INNOVA)** DOI: 10.1109/INNOVA63080.2 024 20-21 Dec. 2024 DOI: 10.1109/innova63080.202 4.10847055
15	Usha, Nagamani H. Shahapure, Naidila Sadashiv	Intelligent Document Query Hub — A Holistic Solution for Efficient PDF Information Retrieval and Extraction	3rd International Conference on Data Science and Network Security (ICDSNS), India, July, 2025	Doi: 10.1109/ICDSNS65743.2 025.11168794.

BOOK CHAPTER

Sl. No	Name of the Faculty	Title of chapter	Title of the Book	Publisher	Scopus/wos
1	Dr. Nagamani N P Dr. Rekha P M	Metaverse: A detailed review Volume 139, 2025, Pages 327-348	Advances in Computers	Academic Press Inc Elsevier	**Scopus** DOI: https://doi.org/10.1016/bs.adcom.2025.03.019
2	Dr. Sowmya K.N	Privacy Considerations in AI and Digital Health Systems: Balancing Progress	Multifaceted Uses of Cutting-Edge Technologies and Social Concerns	IGI Global	**Scopus DOI: 10.4018/979-8-3693-9591-2.ch004**
3	Dr. D.V. Ashoka, Dr. P.M. Rekha, P.R. Sudha	**Smart Power Management in Data Centers Using Machine-Learning Techniques chapter 1|13 pages**	Intelligent Systems and Sustainable Computational Models	Taylor & Francis eBooks published by CRC Press.	**https://doi.org/10.1201/9781003407959**
4	Mamatha G	AI-driven urban resilience system: Tackling urban flooding, rescue optimisation, and heat island mitigation	**Engineering Science and Technology: Innovations for the Future**	ISBN 9781041166801 432 Pages Published Oct 22, 2025 by CRC Press	Scopus https://www.routledge.com/Engineering-Science-and-Technology-Innovations-for-the-Future/SR-Gowda-Rammohan-PrabuSankar-Jayalatha/p/book/9781041166801

Project submitted to AICTE, DST, NRB, VGST and etc

Sl. No	Title of the project	Name (s)	Name of the Dept. or Firm or Agency	Complete Address of the firm / Agency	Total Amount	Date of Submission
1	Collaborative Empirical Research on Solar Energy and Sustainability	Dr. Rekha P M Professor	Indian Council for Social Science Research	Indian Council for Social Science Research Ministry of Education, Aruna Asaf Ali Marg, New Delhi	8 Lakhs	22-10-24
2	Leveraging Machine Learning for Enhanced Detection and Classification of Guillain–Barré Syndrome in India: Assessing the Impacts of the COVID-19 Pandemic	Dr. Naidila Sadashiv Dr. Nagamani N P Dr. Sreenatha M Dr. Pradeep H K	Indian Council Of Social Science Research	Indian Council Of Social Science Research, New Delhi	1408000	9/11/2024
3	Empowering Villages: Exploring Joint Governance Frameworks for Locally-Owned Solar Energy Solutions in Rural India	Dr. Rekha P M Manohar B S Punitha M Sudha P R	Indian Council Of Social Science Research	Indian Council Of Social Science Research, New Delhi	802000	21/10/24
4	Identifying Urban Heat Islands and assessing the effect of atmospheric heat on cardiovascular functioning among elderly by developing and implementing an IoT based wearable device	Dr. Nayana Shabadi Dr. Nethravathi B	Indian Council Of Medical Research (ICMR) Intermediate Extramural Grants(2025)	Indian Council Of Medical Research (ICMR) New Delhi	2.8 Cr	8/04/25
5	AI and Deep Learning-Enhanced Microfossil Studies: Driving Marine Ecosystem Predictions and Climate Change	Dr. Nethravathi B	**Inclusivity Research Grant**	Anusandhan National Research Foundation	72,56,320	10/12/24

	Research Aligned with the National Action Plan on Climate Change (NAPCC) for Sustainable Development					
6	Design and Development of an Intelligent System for Air pollution supervision in Mining industry using industrial IoT and Deep learning	Dr. D V Ashoka, Dr. Basamma Umesh Patil, Mr. Chetan R	**VGST (K-FIST)**	VGST	15,00,000	27-06-2024
7	From Theory to practice: comprehensive hands on FDP in Cyber Security	Dr. D V Ashoka, Mr. Chetan R	**VGST (FDP)**	VGST	2,00,000	27-06-2024

FACULTY ACHIEVEMENTS

1. Mrs. Gayathri Kamath Received the **Best Paper Award** for the paper titled **"A WebApp Framework for the prediction of e-GFR value and CKD stage using Regression-based Machine Learning Algorithms"** at INDISCON-2024, hosted by Punjab Engineering College (Deemed to be University), Chandigarh. Organized by IEEE Chandigarh Subsection in collaboration with IEEE India Council, from August 22-24, 2024.
2. Mrs. Reshma B went as a Resource Person to conduct one day workshop on **Fundamentals of Data Structures** to faculty of JSS Polytechnic College for Women, Mysuru on 24/7/2024
3. Dr. D V Ashoka Professor, Dept. of ISE, Keynote/Session Speaker at "Latest Advancements in Science, Management, Commerce and Educational Research (LASMCER-2024) an international conference organized by Institute for Educational Research and Publication (IFERP) in Montreal, Canada on 2nd and 3rd November, 2024.
4. Dr. D V Ashoka Professor, Dept. of ISE as Speaker at Swami Vivekananda Yoga Anusandhana Samsthana, Deemed to be University, City Campus, Bengaluru on 15/10/2024.
5. Dr. Sreenatha M, Resource Person for the Technical Seminar on "Python and Machine Learning" at Sanjay Memorial Polytechnic, Sagara. on 13th Sep, 2024.
6. **Dr. DV Ashoka:** Keynote/ Session Address at "Latest Advancements in Science, Management, Commerce and Educational Research (LASMCER-2024) an international conference organized by Institute for Educational Research and Publication (IFERP) in Montreal, Canada on 2nd and 3rd November, 2024.
7. **Dr. D V Ashoka:** Session Chair/Reviewer 8th IEEE International Conference on Computational Systems & Information Technology for Sustainable Solutions (CSITSS), held from 7th to 9th November, 2024 Organized by RV College of Engineering, Bangalore, India in Association with Florida International University (FIU), USA and technically co-sponsored by IEEE Bangalore Section
8. **Mrs. Sukrutha C Basappa** attended the 3rd Board of Studies meeting for Dept. of ISE, SJB Institute of Technology, Bengaluru on 05th April 2025.
9. **Dr. Naidila Sadashiv** is appointed as a member of the board of examiners, VTU for the year 2024-25.
10. **Dr. Naidila Sadashiv** served as a reviewer for The International Conference on Recent Innovations in Engineering Sciences & Technology (ICRIET-2025).

11. **Dr. Nagamani N P** served as a reviewer for The International Conference on Recent Innovations in Engineering Sciences & Technology (ICRIET-2025).
12. **Dr. Sreenatha M.** as a resource person for a one-day workshop on "AI Agents" on 03-02-2025 for in-house faculty at JSSATE, Bengaluru.
13. **Dr. Rekha P M :** as a resource person for a FDP on "Cloud native Paradigms and emerging trends in container orchestration " on 18-04-2025 ,Vardhaman college of Engineering, affiliated to JNTU , Hyderabad.
14. **Dr. Rekha P M :**Nominated as one of the members of BoS in IS&E, AI&ML, CSBS Department for a period of three years from the academic year 2024-25.
15. **Dr. Rekha P M :** Editorial Member of Edwin Group of Journal
16. **Dr. Nethravathi B**, Selected to participate in the Funded prestigious Women in Space and Allied Science Leadership Program (WisLP), organized by the **Department of Science and Technology (DST), Government of India, New Delhi, in collaboration with the British Council, UK.**
17. **Dr. Nethravathi B** received **BEST REVIEWER AWARD** at 1st International Conference on Interdisciplinary Horizons: Integrating AI in Science, Management and Technology (ICON-AI-SMT'25) organized by GSFC University, Vadodara, Gujarat, India during 20-21 Feb 2025
18. **Dr. Nethravathi B,** Selected for **Faculty Fellowship** at 38th International Conference on VLSI Design & 24th International Conference on Embedded System, From 4th to 8th January 2025 at The Leela Palace, Bengaluru.
19. **Dr. Nethravathi B** received **RESEARCH EXCELLENCE AWARD** during the AMTECH Conference, 11th-12th Dec 2024 at KPTO Bengaluru.
20. **Dr. Nethravathi B** served as a reviewer for 3rd International Conference on Data Science and Information System ICDSIS-2025
21. **Dr. Sowmya K.N** was a Co-coordinator for AICTE sponsored advanced ATAL FDP on "An Insight into Cyber Security and Intellectual Property Rights" held during 02-14th December 2024 at JSS STU and JSS AHER, Mysuru
22. **Dr. Sowmya K.N** was a resource person for one of the key sessions in the ATAL FDP "An Insight into Cyber Security and Intellectual Property Rights" held during 02-14th December 2024 at JSS STU and JSS AHER, Mysuru.
23. **Dr. Sowmya K.N** served as a BOE member and attended the Board of Examination meeting held at Karnataka State Open University, Mysore on 23rd December 2024.
24. **Dr. Sowmya K.N** has filed a patent in the name of JSSATE along with JSS STU for the invention **"FINGERPRINT BASED FAN REGULATOR LOCKING SYSTEM AND METHOD THEREOF"** on 16/01/2025 and is published on 24/01/2025 in the official journal of patent office.
25. **Dr. Sowmya K.N** served as Reviewer to Fourth IEEE International Conference on "Multimedia Processing, Communications and Information Technology" - MPCIT 2024 organized by J. N. N. College of Engineering, Shivamogga, Karnataka during December 13-14, 2024.
26. **Mrs. Mamatha G** served as Reviewer for, 2nd IEEE International Conference on Recent Advances in Information Technology for Sustainable Development filed a patent(ICRAIS-2024), Nov 06-07 2024, MIT, Manipal.
27. **Mrs. Mamatha G** served as Reviewer for, International Conference on Artificial Intelligence and Data Engineering (AIDE - 2025),Feb 06 to 07, 2025 at NMAM Institute of Technology, Nitte.
28. **Dr. Nagamani N P** , served as the session chair in the International Conference on Recent Innovations in Engineering Science and Technology - (ICRIET - 2025), held at KSIT on 9th and 10th May 2025
29. **Dr. Sowmya K.N** served as session chair at the 11th National Conference on Advances in Information Technology (NCAIT-2025) on 28th May 2025
30. **Dr. Nethravathi B** and **Dr. Sowmya K N** organized the 11th National Conference on Advancements in Information Technology NCAIT 2025 28th May 2025
31. **Dr. Nagamani N P** served as session chair at the 11th National Conference on Advances in Information Technology (NCAIT-2025) on 28th May 2025
32. **Sudha P.R** served as session chair at the 11th National Conference on Advances in Information Technology (NCAIT-2025) on 28th May 2025

33. **Dr. Naidila Sadashiv** served as session chair at the 11th National Conference on Advances in Information Technology (NCAIT-2025) on 28th May 2025

34. **Dr. Basamma Umesh Patil, Dr. Ashoka D V , Dr. Chetan R**, received the BEST PAPER PRESENTER award for the paper titled " Deep Learning with Multimodel Fusion for Enhanced Human Activity Recognition" at SWSIoT, CEC, Bengaluru, 19th -20th September 2025.

35. **Dr. Basamma Umesh Patil,** served as an Judge (Evaluator) for the JSS Navotthana 24-Hour Offline Hackathon during AIKYAM 2025, organized by the Department of CSE (AI & ML), JSS Academy of Technical Education, Bengaluru.

36. **Dr. Basamma Umesh Patil** served as session chair at the 11th National Conference on Advances in Information Technology (NCAIT-2025) on 28th May 2025.

37. **Dr. Basamma Umesh Patil** successfully completed four NVIDIA Deep Learning Institute (DLI) certifications during April–July 2025, namely "Fundamentals of Deep Learning", "Building Transformer-Based Natural Language Processing Applications", "Building LLM Applications with Prompt Engineering", and "Efficient Large Language Model (LLM) Customization".

38. **Dr. Basamma Umesh Patil** served as a Reviewer for the 3rd IEEE International Conference on Networks, Multimedia and Information Technology (NMITCON-2025) on 1-2 August 2025 at Nitte Meenakshi Institute of Technology, Bengaluru, in association with the IEEE Bangalore Section.

STUDENT ACHIEVEMENTS (RANK, BE HONORS, HACKATHON, STIPEND, INTERNSHIP, PRIZE, CO-CURRICULAR ACTIVITIES)

Extra and co-curricular activities

Sl. No	Category	Student Name – USN	Sem	Achievement	Month - Year
1.	Rank	1JS20IS101- Shriraksha Vaidya	VIII	Secured 7th rank in VTU 2024	July 2024
2.	Placement	1JS21IS011 - Ananya Sadananda Gowda	VIII	Placed in IBM with 12 LPA	May 2025
3.	Internship	1JS21IS040-Harshitha H	VII	Intern at Gray Matter for 3 months with a stipend of RS. 10000/- per month	5/8/24 - 2/10/24
4.	Internship	1JS21IS065-Nigam Balaji Ghat	VII	Intern at Scikraft for 3 months with a stipend of RS. 10000/- per month	9/9/24 - 9/12/24
5.	Internship	1JS21IS015-Anshuman Gupta	VII	Intern at Mezenga for 3 months with a stipend of RS. 5000/- per month	9/9/24 - 9/12/24
6.	Internship	1JS23IS079-M Gunavardhan	III	Intern at Cognifyz for 3 months with a stipend of RS. 15000/- per month	9/9/24 - 9/12/24
7.	Internship	1JS21IS042-Karthik K	VII	Intern at i4sight for 3 months with a stipend of RS. 5000/- per month	9/9/24 - 9/12/24
8.	Internship	1JS21IS022-Ayaan Kumar 1JS21IS027-Bhumika C P 1JS21IS032-Eshaalakshmi D S 1JS21IS078-Rachana D K 1JS21IS121-Venkatachala	VII	Intern at Zysk Technologies for 6 months with a stipend of Rs. 12500/- per month from the 3rd month	28/8/24 - 28/02/25
9.	Internship	1JS21IS060-Minisha N 1JS21IS085-Rohan M R 1JS21IS086-S Srivatsa 1JS21IS089-Sai Pranav H R	VII	Intern at Dom Ventas for 3 months with a stipend of Rs. 10000/- per month	16/9/24 - 16/12/24
10.	Internship	1JS21IS114-Sushmitha P K	VII	Intern at Eskape Digital. Stipend to be determined after 1 month	5/10/24 - 31/1/25
11.	Internship	1JS21IS038-Harshitha Khushi	VII	Intern at Softechnocon Smart Power Solution Pvt Ltd for 3 months with a stipend of Rs. 5000/- per month	1/10/24 - 31/1/25
12.	Internship	1JS21IS050- Kriti Diwakar	VII	Intern at Unisoft for 3 months with a stipend of Rs. 12000/- per month	3/10/24 - 3/1/24
13.	Internship	1JS21IS052- Kushal Sinha	VII	Intern at Sugga for 3 months with a stipend of Rs. 17500/- per month	1/9/24-30/11/24
14.	Internship	1JS21IS047- Khushi Chetri	VII	Intern at Sugga for 3 months with a stipend of Rs. 20000/- per month	1/9/24-30/11/24
15.	Hackathon, Prototype Building,	1JS23IS107-Parikshith V 1JS23IS015-Anurag Jaiswal 1JS23IS034-Devlohani	III	Partcipated in CICADA 2024 and got the 4th place	7/11/24

	Buggoff	1JS23IS081-Mahi Singh 1JS23IS063-Kartavya Verma 1JS23IS086-Mayank Dhaundiyal			
16.	Dance Competition	1JS21IS059-Manisha M M 1JS23IS047- Ganavi T U 1JS22IS134- Shravya	III & V	Won I Place in all the events Symbiosis(Inter Collegiate), Jyoti Nivas (Inter Collegiate), Presidency(Inter Collegiate), Infinity Dance Academy (State Level Competition)	Aug 2024 to Oct 2024
17.	Yoga	1JS23IS146- Sanjana Salimath	III	Participated in the VTU Yoga Tournament held at Tumkur and secured 4th place	23/9/24 - 24/9/24
18.	Cricket	1JS23IS051- Harsh Pandey	III	Was part of the college cricket team and participated in the VTU Cricket Tournament and secured 2nd place	October 2024
19.	Samyog	1JS22IS163- Tejas Kumar D 1JS22IS047- H V Srushti 1JS22IS055- Joydeep 1JS22IS023- Sidharth	V	Coordinators for the student club of ISE. Various events like Introduction to the Clubs, Talent Hunt, Idea Forge, Singing, Dance, RAP, Open MIC	8/10/24 and 9/10/24
20.	Extra curricular	Ms. Spoorthi Mr. Venugopal	4th	2nd place for their outstanding Photography in Shutter Fest, organized by the student club of SJBIT.	28th March 2025
21.	Academics	Mr. B S Rakesh	4th	10 SGPA in 3rd Sem VTU Exam	3rd March
22.	Hackathon	Mr. Mahi Singh Mr. Dev Lohani Mr. Mayank Dhaudiyal Mr. Kartavya Verma Mr. Prince Mishra	4th	3rd Place in National Hackathon ADVAYA, hosted by BGS College of Engineering and Technology(cash prize of 25k)	15th April 2025
23.	Internship	Mr.Sahil D C	8th	Internship Opportunity at IMPERVA INDIA PVT. LTD with Stipend Rs. 25K for 6th Month	27/01/25
24.	Conference	Ms. Ankitha H N Ms. Bhumika C P	8th	Paper Presented in 18th IEEE International Conference on Advanced Networks and Telecommunication System	17th December 2024
25.	Hackathon	Mr. Dev Lohani Mr. Mahi Singh Mr. Mayank Dhaundiyal Mr. Piyush Mishra	4th	Runner up position in the IMPULSE HACKATHON, hosted by SJBIT	5th December 2024

26.	Internship	Saksham Upadhyay, Aryan Srivastava, Sumit M, Shreya Gore, Lalithashree C P, Pratham Babu, Sinchana N, Anu S, Karthik S	8th	Internship Opportunity at Harman with a stipend of Rs. 30K	
27.	Ideathon	Mr. Dev Lohani Mr. Mahi Singh Mr. Mayank Dhaundiyal Mr. Kartavya Verma	4th	First Position in the Think Tank Ideathon Hosted by BNMIT	20th December 2024
28.	TopCoders'24	Mr. Dev Lohani Mr. Mahi Singh Mr. Mayank Dhaundiyal	4th	First Position in TopCoder 24, hosted by JSS Academy of Technical Education	20th December 2024
29.	Quiz	Mr. Mahi Singh Mr. Mayank Dhaundiyal	4th	First Position in Mathematical Innovation and Presentation hosted by JSS Academy of Technical Education	21st December 2024
30.	Quiz	Mr. Pramith S Mr. Mukunda M	4th	Second Position in Mathematical Innovation and Presentation hosted by JSS Academy of Technical Education	21st December 2024
31.	Cultural	Mr. Shreyas P Rayas	6th	First prize in solo singing at VISTARA fest held by St. Anne's first grade college for women.	28th February 2025
32	Rank	M SUMIT (1JS21IS127)	8th	Secured 4th Rank in VTU 2025	
33	Research Paper	Ananya Sadanand Gowda	8th	Title: Chatgpt: An Ultimate Driving Companion: Systematic Reviewduring the ICRIET 2025 organized by K. S . Institute of Technology Bengaluru	9th -10th May 2025
34	Research Paper	Shreya Gore, satwik G Vaidya, Rachana Deepak		Title: CHATGPT: AI Driven Urban Resilience System: Tackling Urban Flooding, Rescue Optimization and Heat Island Mitigation during the ICRIET 2025 organized by K. S . Institute of Technology Bengaluru	9th -10th May 2025

RESULTS:

Semester	2024-25 (in Percentage)
8th semester	100
7th semester	100
6th semester	89
5th semester	87
4th semester	87
3rd semester	88
2nd semester	86
1st semester	81

PLACEMENTS:

Year	Number of Students	Placements	Higher Studies	Entrepreneurs
2024-25	137	52	6	-
2025-26	206	10	0	-

HIGHER STUDIES: 6 students (4 Foreign Universities, 2 Indian Universities)

PROFESSIONAL BODIES LIST/ EVENTS:
IEEE, CSI, ISTE

STUDENT CLUB: SAMYOG

A student forum named Samyog was established by the Department of Information Science and Engineering in the year 2012. It is a medium through which students express their technical and non-technical ideas through open meetings and discussions. In 2012 it was restricted to department level in which few technical talks and seminars were conducted. In 2013 a state-level conference was conducted under this Samyog banner. Students exchanged knowledge by publishing a technical paper in a reputed journal. Later from the year 2015, a national conference named NCAIT – National Conference for Advancement in Information Technology was conducted by the department with the help of the Samyog Student Forum. In the year 2023-2024, the Samyog student forum has emerged with a few additional student clubs and student activities.

Events conducted:

- Outreach activity
- Alumni Mentoring
- Senior Junior Interaction – educating about Linkedin Accounts, MOOC Courses
- Book Donation Drive
- Coding & Debugging
- Blood donation
- Planting Medicinal saplings
- Cultural events for outgoing students

- Ideaforge
- Model United Nations (MUN) Society
- Kascade Preliminary Round

Events/Seminars/FDP/SDP/Conference/Technical talks organized
(SHORT REPORT WITH PHOTOGRAPHS)

1.   MAC3 Personality Development Program

Date: 14/06/2024
No. of Resource Persons: 01
No. of Participants: 380
Coordinator:
Dr. Rekha P. M. and Dr. Naidila Sadashiv,
College Internal Complaints Committee - CICC.
Resource Person(s) with Designation: Mr. Nihal Dubey
Mode: Off line

Objective:
Personality development program for students aims to provide an insight of one's own abilities for professional and personal enhancement.

Outcome:
A well rounded sessions on personality development gave an overall picture on how one can be a better person in this society.

2.   Hands on Workshop onDevops: Automation, Integration and Deployment

Date: 18/06/2024
Target audience: 6 th Semester Students
No. of Resource Persons: 2
No. of Participants: 78

Cordinator:
 Mrs.Nagashree.S., Asst. Professor, ISE department, JSSATEB
Mr Chethan. R, Asst. Professor, ISE department, JSSATEB
Dr. D.V.Ashoka, Professor Department of Information Science and Engineering,

Resource Person(s) with Designation:
1.Mr. Vikrant Kumar Co Founder and Director, Tripallar Solutions
2. Mr. Saurabh Sarkar Senior Project Manager Tripallar Solution

Objective:
1. To provide a forum for all students on Devops Integration and Automation.

Outcomes:
Establish an accessible and collaborative platform that facilitates learning, discussion, and knowledge-sharing

among students interested in the principles and practices of DevOps integration and automation.

3. Seminar on Agility in Software Engineering

Duration: 13/07/2024
Target Audience: 4th sem ISE students
No. of Resource Persons: 01
No. of students attended: 120.

Resource Person(s) with designation
Karthik N.CPrincipal Engineer - Firmware River Mobility Pvt. Ltd.Bengaluru

Event Coordinator: Dr. Sowmya K.N Associate Professor, Dept of ISE.

Target Audience: 3rd and 2nd Year ISE students

Objectives:
1. Ability to outline develop software development process
2. Motivation to handle challenges in engineering problems
3. Awareness about Tools and Techniques used in software industry for software development.

4. Hands-on Workshop on Power Bi and Tableau

Category: Hands-on Workshop
Date: 05/09/2024
Target audience: Faculty members of ISE department
No. of Resource Persons: 1
No. of Participants: 20

Organized by: Mrs Punitha M, Asst. Professor, ISE department, JSSATEB

Resource Person(s) with Designation:
Ms. Spoorthi Kulkarni, Business Consultant, Ernst & Young India

Mode: Offline

Objective:
1. Understanding Data Visualization Basics
2. Introduction to Power BI and Tableau Workspaces
3. Advanced Visualizations and Designing a Dashboard

Outcome:
1. To make use of these tools for data visualization where users can create interactive and customized dashboards that are compatible with different devices.
2. A basic understanding of the approach to understand, analyse, organise, and report data
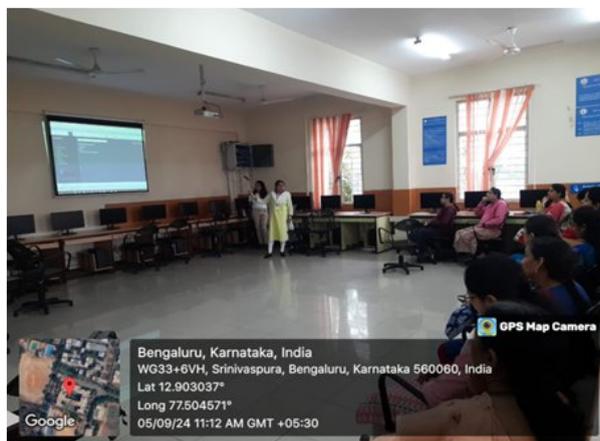
5. Expert talk on "The Future of Generative AI- Opportunities, Risks and the Unknowns

Category: Technical Talk
Date: 30/09/24
Target Audience: 5th sem ISE students
No. of resource person: 2
No. of Participants: 150

Organized by: Department of Information Science and Engineering

Co-ordinators:
Dr. Nethravathi B, Associate Professor, Department of ISE

Resource Person(s) with Designation:
1. Dr.JIM SAMUEL, Associate Professor of Practice and Executive Director of the Informatics Program at Bloustein School, Rutgers University, USA.
2. Mr.Santosh Avvannavar, CEO at QtSTEAM and Mentor at QtPi Robotics

Objective:
1. To give education on the applications of AI in driver assistance and importance of AI in other real world applications.

Outcome:
Students gained knowledge on application of AI in driver assistance and helpful pointers form placement perspective.

6. Technical Talk on Use Case of AI in Driver Assistance

Category: Technical Talk
Date: 28/09/2024
Target audience: 2nd and 3rd year ISE\CSE\AIML students
No. of Resource Persons: 01
No. of Participants: 80

Organized by: Department of Information Science and Engineering

Co-ordinators:
1) Dr. Naidila Sadashiv, Professor, Dept. of ISE
Resource Person(s) with Designation:
1)Ms. PADMINI NAVALGUND, Program Manager, Product Compliance Officer at   Bosch Global Software Technology

Mode: Offline

Objective:
To understand the role of AI in driver assistance.

Outcome:
Students gained knowledge on application of AI in driver assistance and helpful pointers form placement perspective.

7.   SDP on "Advance Data Structures: Concepts, Transformation and Optimization"

Category: Student Development Program
Date: 17/01/2025 and 18/01/2025
Target audience: PG Student of 1 st and 3 rd Semester
No. of Resource Persons: 01
No. of Participants: 40

Organized by: Department of Information Science and Engineering

Co-ordinators:
1) Dr. D V Ashoka, Professor, Dept. of ISE
2) Dr. Basamma Umesh Patil, Assistant Professor, Dept. of ISE
3) Dr. Chetan R, Assistant Professor, Dept. of ISE

Resource Person(s) with Designation:
 Mr Saurabh Jyothi Sarkar,
Senior Software Manager, Tri-Pillar Solutions.
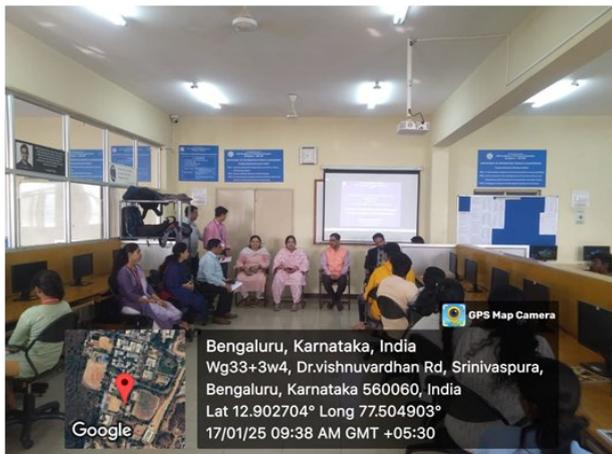
Mode: Offline

Objectives
To provide in-depth understanding of advanced data structures
To develop the ability to transform, optimize, and adapt data structures

Outcomes
1. Students will be able to select and implement the most suitable advanced data structure
2. Students will be able to design optimized data-handling solutions

8.   FDP on DevOps and Generative AI

Category: Faculty Development Program
Date: 03/02/2025 and 07/02/2025
Target audience: Faculties, Academicians and Students
No. of Resource Persons: 02
No. of Participants Registered: 42
In-house Participants: 15

Organized by: Department of Information Science and Engineering

Co-ordinators:
1) Dr. D V Ashoka, Professor, Dept. of ISE
2) Dr. Chetan R, Assistant Professor, Dept. of ISE
3) Dr. Basamma Umesh Patil, Assistant Professor, Dept. of ISE
4) Mrs. Sudha P R, Assistant Professor, Dept. of ISE

5) Mrs. Punitha M, Assistant Professor, Dept. of ISE
6) Mrs. Reshma B, Assistant Professor, Dept. of ISE

Resource Person(s) with Designation:
1) Mr Saurabh Jyothi Sarkar, Senior Software Manager, Tri-Pillar Solutions.
2) Mr. Diptarko Das Sharma, Technology Trainer, Tri-Pillar Solutions

Mode: Offline

Objective:
1. To equip faculty members with foundational and advanced knowledge of DevOps methodologies and Generative AI technologies, enabling them to integrate modern software development practices and AI-driven tools into teaching, research, and project guidance.

Outcome:
1. Faculty participants gained hands-on understanding of DevOps workflows and automation practices, developed the ability to apply Generative AI tools for problem-solving and content creation, and enhanced their capability to incorporate emerging industry trends into academic curricula and research activities.

9. Expert Talk on Intellectual Property Rights

Category: Expert Talk
Date: 19/02/ 2025
Target audience: Faculty Members & Students
No. of Resource Persons: 01
No. of Participants: 150

Organized by: Department of Information Science & Engineering, JSSATE, Bengaluru

Resource Person with Designation: Aastha Aggarwal- Managing Associate- Patent Head – Electronics (Delhi).

Coordinators
Dr. Netravathi.B, Associate Professor, ISE, JSSATEB
Mrs. Sahana V, Assistant Professor, ISE, JSSATEB

Objective:
1. Insight intoBasics of Intellectual Property Rights and Guidance on Ideation

Outcome
Participants gained a fundamental understanding of Intellectual Property Rights (IPR), including their types and significance, and received practical guidance on ideation techniques, enabling them to better identify, protect, and develop innovative ideas for potential real-world applications.

10. Workshop on SARVAM AI APIs

Category: Workshop
Date: 15/03/2025
Target audience: ISE 6th sem students.
No. of Resource Persons: 01
No. of Participants: 150

Organized by: Department of Information Science and Engineering

Co-ordinators:
Dr. Naidila Sadashiv, Professor, Dept. of ISE
Dr. Chetan R, Assistant Professor, Dept. of ISE
Dr. Basamma Umesh Patil, Assistant Professor, Dept. of ISE

Resource Person(s) with Designation:
1. Mr Vinay Gavariya, Developer Relations Engineer, SARVAM AI

Mode: Offline

Objective:
1. To introduce participants to the capabilities of SARVAM AI APIs and equip them with the skills needed to integrate these APIs into applications for enhanced automation, intelligence, and user interaction.

Outcome:
1. Participants gained hands-on experience in using SARVAM AI APIs, understood their practical applications in real-world projects, and developed the ability to build AI-enabled solutions using the provided tools and frameworks.

11. Great Bengaluru Hackathon25

Date: March 15/03/2025 and 16/03/2025
Target Audience: FInal year students
No. of Resource Person: 03
Total Participating Teams: 30
Finalists: 5 teams selected for the final round at PES College
Judging Criteria: Innovation, Feasibility, Technical Implementation, Presentation, Impact

Organized by: Department of Information Science & Engineering, JSSATEB
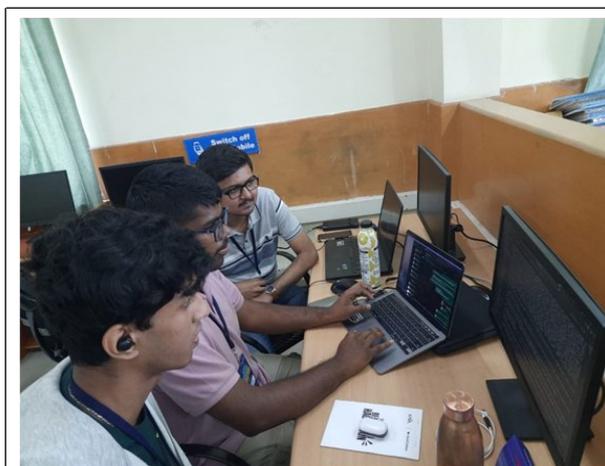
Resource Person(s) with Designation:
1. Ranjitha R Director of Engineering, Myntra
2. Rahul Shankar Growth & Operations, Namma Yatri
3. Varun U Founder & CEO, Zysk

Objective:
1. To provide participants with a collaborative platform to solve real-world problems through innovative ideas, rapid prototyping, and creative use of technology.

Outcome:
1. Participants developed practical solutions within a limited timeframe, strengthened their problem-solving and teamwork skills, and gained hands-on experience in building functional prototypes using modern tools and technologies.

12. Open Day Project Exhibition 2025

Date: 03/05/2025
Target audience: final year ISE students
No. of resource persons: 6
No. of participants: 120

Resource Person(s) with Designation:
1. Dr. Premanand B S, Associate Professor, RVCE
2. Mr. Sharat S J, Software Developer Team Lead, Facile Cosulting Ltd.
3. Mr. Girish Prasad, CTO, Product Manager, INCUSE HR
4. Mr. Rajiv Ranjan Singh, SDE, Maersk
5. Mr. KshitijSrivastav, Software Engineer, Flipkart
6. Mr. ShashankNayak, Engineer - Public Cloud, Getronics

Objective:
1. To demonstrate students academic achievements and innovative thinking.

Outcome:

1. This platform allowed the students to showcase the knowledge and skills acquired during their academic journey.

13. IEEE Information Theory Society Bangalore Chapter JSSATEB- Student Branch

Date: 02/05/2025
Target audience: ISE 1st sem students.
No. of Resource Persons: 03
No. of Participants: 100
Mode: Offline
Organized by: Department of Information Science and Engineering

Co-ordinators:
1) Dr.Nethravathi B,Associate Professor, Dept. of ISE

Resource Person(s) with Designation:
1. Dr.Premananda B S, Chair, IEEE ITS Bangalore Chapter
2. Mr.Sharath S Rao, Tech Lead for R&D, Zyni Innovation Pvt. Ltd
3. Mr. Vishnu B V, Tech Lead, Zyni Innovation Pvt. Ltd

Objective
1. To inaugurate the IEEE Information Theory Society (ITS) Student Branch Chapter at JSS Academy of Technical Education, Bangalore and introduce students to opportunities in information theory, research, and professional development under the IEEE Bangalore Section.

Outcome:
2. Students gained awareness of the ITS chapter's mission and activities, established a platform for future technical events and collaborations, and initiated active membership participation to foster a research-oriented and innovation-driven community on campus.

Industry Institute Collaboration & Networking

There exists Memorandum of Understanding with industries like Zysk Technologies, Cipher Ace, Getronics
Students collaborate with the industries to complete projects and internships
Industry experts and alumni are part of the DAB(Department Advisory Board) committee
Industry experts are invited for Open Day, Technical Talks, Student Development Programs

Alumni Contributions

Sl. No	Name	Organization	Placements	Internship with Stipend	MoU	Technical Talk/Workshop/SDP	Spoc
1	Varun	Zysk Technologies	2	6	Yes	NA	Dr. Rekha P M
2	Umar Ameen	Dom Ventas	NA	6	No	NA	Dr. Nagamani N P
3	Spoorthi K	Ernst Young	NA	NA	NA	SDP	Mrs. Punitha M
4	Suraj R	Getronics	NA	NA	Yes	NA	Dr. Nagamani N P
5	Rajiv Ranjan	Moller-Maersk	NA	NA	NA	Technical Talk	Dr. Nagamani N P
6	Abhinav Anand	Mercedes Benz	NA	NA	NA	Technical Talk	Dr. Nagamani N P
7	Vedant S	Mercedes Benz	NA	NA	NA	Technical Talk	Dr. Nagamani N P

DEPARTMENT OF MECHANICAL ENGINEERING

ABOUT THE DEPARTMENT:

Year of Establishment	2004 with a sanctioned intake of 60, Affiliated to Visvesvaraya Technological University, Belagavi, Karnataka
Programs Offered	UG program: B.E., in Mechanical Engineering Ph.D., programs
First time Accredited by NBA	01-07-2017 to 30-06-2020
Second time Accredited by NBA	01-07-2020 to 30-06-2023
Sanctioned Intake	BE: 60 (present intake)
Teaching Faculty	14 (No. of Ph.D.: 12, and Pursuing Ph.D.: 02)
Technical Staff	11(01 Foreman, 05 Instructor, 04 helper, 01 Attender)
Total No. of Students	UG : 169 PhD: 12
No. of Students Graduated	1384
No. of Class rooms with LCD and CCTV	04
No. of laboratories	11
Total amount invested on Equipment	Rs. 2.65 Cr.
Department Library with Books	610
MOUs with Industries	04
No. of Professional Societies	02
No. of computer systems	135

VISION, MISSION OF THE DEPARTMENT

Vision of the Department :

Be amongst the top Mechanical Engineering Department in the region by sculpting Competent Engineers through Education and Research.

Mission of the Department :

M1: Build strong foundation in Mechanical Engineering domain complemented with inter-Disciplinary skills.

M2: Develop state-of-the-art facilities with emphasis on industry interaction, consultancy, research And innovation.

M3: Enable to seek professional employment, entrepreneurship and higher studies.

FACULTY DETAILS WITH PHOTOGRAPH (DESIGNATION, DEGREE, TOTAL EXP)

Sl.No	Name	Photo	Designation	Degree	Total Experience
1	Dr.Bhimasen Soragaon		Principal	M Tech.,PhD	31
2	Dr.Anand Kumar R Annigeri		Professor	M Tech.,PhD	32
3	Dr.B V Raghavendra		Associate Professor	M Tech.,PhD	30
4	Dr.Mruthunjaya M		Associate Professor	M Tech.,PhD	30
5	Dr.Gowreesh S S		Associate Professor	M Tech.,PhD	19
6	Dr.K B Yogeesha		Associate Professor	M Tech.,PhD	25
7	Dr.B G Prashanth		Asst.Professor	MTech, PhD.	19
8	Dr,Anilkumar K S		Asst.Professor	M Tech.,PhD	18
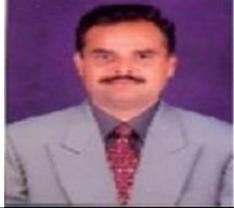
9	Nagaraja T. K.		Asst.Professor	MTech,(PhD)	17
10	Kousik S		Asst.Professor	M.Tech (Ph.D)	17
11	Dr. JS Srikantamurthy		Asst.Professor	M Tech.,PhD	19
12	Dr.Venkatesh B N		Asst.Professor	M Tech.,PhD	18
13	Dr.Devappa		Asst.Professor	M Tech.,PhD	19
14	Dr.G M Swamy		Asst.Professor	M Tech.,PhD	26
15	Dr.Siddappa P N		Asst.Professor	M Tech.,PhD	19

16	Dr.Roopa D N		Asst.Professor	M Tech.,PhD	9
17	Dr.Veeresh B R		Asst.Professor	M Tech.,PhD	13
18	Prof.Umamaheshwar Hebbal		Asst.Professor	M.Tech (Ph.D)	20
19	Prajwal M		Asst.Professor	M Tech.,(PhD)	11
20	Dr.B M Santoshkumar		Asst.Professor	M Tech.,PhD	11
21	Praveenkumar U B		Asst.Professor	M Tech.,(PhD)	13
22	Dr.Marulasiddeshi		Asst.Professor	M Tech,PhD	9

NON TEACHING FACULTY DETAILS WITH PHOTOGRAPH (DESIGNATION, DEGREE, TOTAL EXP)

Sl.No	Name	Photo	Designation	Degree	Total Experience
1	Mr.Manju C M		Foreman	BE	17
2	Mr.Prasanna S S		Instructor	ITI	26
3	Mr.Kantappa		Instructor	DME	24
4	Mr.Suresha M P		Instructor	DME	16
5	Mr.Shivakumar S		Instructor	BE	9
6	Mr.Sachin P		Instructor	DME	8
7	Mr.Puneeth S		Lab Helper	DME	16
8	Mr.Balamahadevaswamy		Lab Helper	ITI	16
9	Mr.Mahesha B		Lab Helper	ITI	11
10	Mr.Yogesha K S		Lab Helper	ITI	14

11	Mr.Nagaraju B S		Attender	BA	17

NUMBER OF STUDENTS ON ROLL:
TOTAL: 169
GIRLS: 18
BOYS: 151

RESEARCH PUBLICATIONS/CONSULTANCY/PATENTS/FUNDED PROJECTS

Journal Publications Details				
Year	**WoS**	**Scopus**	**Others**	**Total**
2025	2	16	2	20
2024	3	20	2	25

Publication in Conference			
Year	**National Conference**	**International Conference**	**Total**
2024-25	1	2	3

FACULTY ACHIEVEMENTS

#	Faculty	Achievements
01	Dr.G M Swamy	1.Written and published Text book Title: 'Marketing Management'-ISBI No: 978-93-6252-128-6 (Dec 2024)
		2. Title: 'Basic Engineering Graphics', ISBN: 978-93-6260-627-3 Published Date: 28-06-2025
02	Dr.Umamaheshwar Hebbal	1.Published a book chapter Titled: "Mechatronics"-concepts, tools, applications and New trends.-e- ISBN-9781003494478 Published date : 19th Feb 2025

STUDENT ACHIEVEMENTS (RANK, BE HONORS, HACKATHON, STIPEND, INTERNSHIP, PRIZE,CO-CURRICULAR ACTIVITIES)

1) **Student Final Year Projects Details (2024-25)-KSCST Funded Project**

Dr. Gowreesh SS : 01 Project worth Rs. 7513/-

2) Students Internship (with or without stipend) Details (2024-25)

- GTTC: 10 students. without stipend

RESULTS:

SEE Results Details (%)		
2024-25		
Year	**Odd Sem**	**Even Sem**
I	51.52	72
II	25	61.30
III	33.33	30.77
IV	61.54	100

PLACEMENTS:

Details	2024-25
Total Number of Students	30
Eligible Students	08
Placement (Placement Office)	--
Placement (Dept.)	--

PROFESSIONAL BODIES LIST/ EVENTS :

Activities Conducted Under Professional Societies & Student Clubs Details
Professional societies Membership: **02**

- Fluid Power Society : Dr. Umamaheswar Hebbal, Coordinator
- Indian Institute Foundry Men : Dr.J S Srikantamurthy, Coordinator

Events/Seminars/FDP/SDP/Conference/Technical talks organized
## (SHORT REPORT WITH PHOTOGRAPHS)

Date: 18/07/2024
Name of the Event/activity: "Alumni Interaction" An alumni Dr. Abhilash-2015 batch student of IEM has addressed the students of 6th and 4th Semester Mechanical Engineering on 18.07.2024 in Room No. C-306 at 12.00 noon. About 60 students have participated in the Interaction.

Date: 19th & 20th September 2024

Name of the Event/activity: Student development Program- The Department of Mechanical Engineering, JSS Academy of Technical Education, Bengaluru, organized two days Student Development Program (SDP) on **"Hands-on Workshop on Power BI"** as part of the "Dr. B.T. Nijaguna Memorial Expert Talks Series in collaboration with M/S. SuprMentr Technologies Pvt. Ltd., Bengaluru for fourth-year students of Mechanical Engineering on 19th and 20th September 2024 from 10:00 am to 4:00 pm.
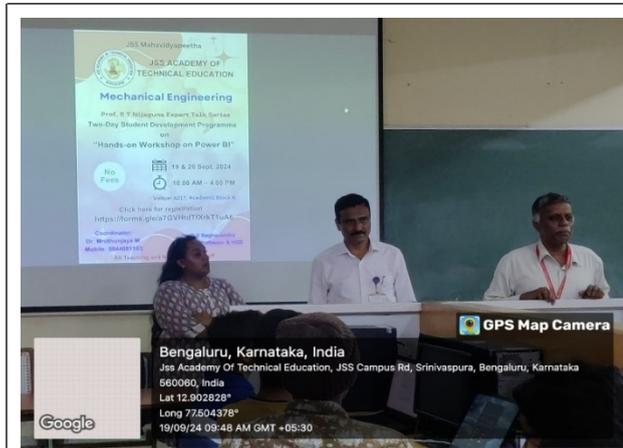
Mrs. Navya Manoj delivering content on Day-1

Hands-on session on Day-1

Hands-on session on Day-2

Mrs. Navya Manoj delivering content on Day-2

Date: 27/09/2024

Name of the Event/activity: Research oriented talk- The department of Mechanical Engineering organized a Research oriented talk on 27.09.2024 from 2:30 pm to 4:30 pm on the topic **"Modern Technologies to Propel the India's Growth"** from the eminent researcher and senior scientist **Prof. Mahabala Adiga**

to all the faculties of ME, EC, EI, Physics and Chemistry departments.

Date: 15/10/2024

Name of the Event/activity: Guest Lecture- On October 15th, 2024, a guest lecture titled **"Adoption and practices of Open Innovation in manufacturing sector"** was held for undergraduate students of Mechanical Engineering Department in the C block from 11:00am to 1:00pm. The session aimed to provide insights into the latest innovation trends and technologies transforming the manufacturing sector. Dr. Sumukh S. Hungund, an academician with over 20 years of experience in innovation domain, led the lecture.

 Date: 22 & 24 October 2024

Name of the Event/activity: Student development program- conducted Student Development Program on "Demonstration of Assembling and Disassembling of four stroke petrol Engine of Two wheeler and Four Wheeler Vehicle" for the second year students in Mechanical Engineering and Staff members on 22nd October 2024 and 5th November 2024 from 10:00am– 3:00pm. The demonstration is done by technician . Around 55 students and 7 Staff members were attended the event.

Date: 28/10/2024
Name of the Event/activity: Industry visit- Industrial Visit to **Ace Designers Ltd.,** Mannipura plant, Nelamangala.
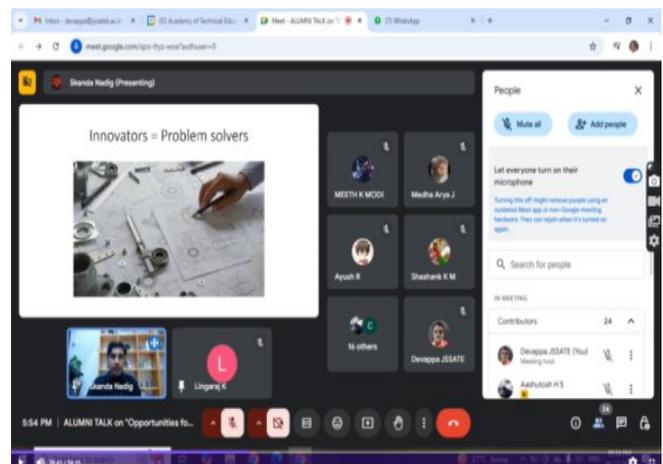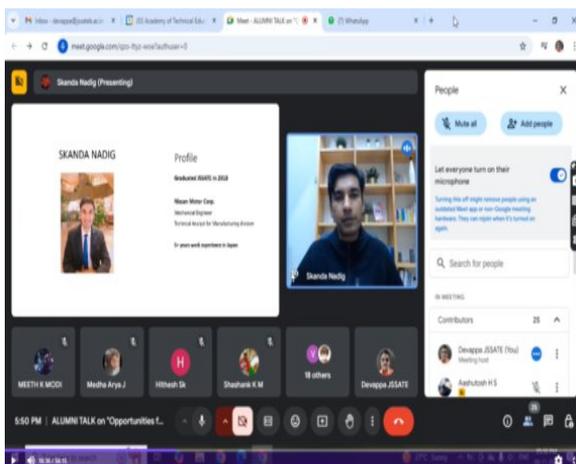**Students:** III Sem students, **No. of students attended**: 55

Date: 09/11/2024
Name of the Event/activity: Alumni Interaction- **Topic: "Opportunities for Mechanical Engineers in Foreign Countries"**
Name of the alumnus: Mr. SKANDA NADIG (2018 graduated), Mechanical Engineer (Technical and Business Analyst It/IS Department, M/s. **NISSAN MOTOR CORPORATION, YOKOHAM, KNAGAWA JAPAN.**

Target audience: III, V & VII sem students; **No. of students attended**: 29

Date: 19/12/2024
Name of the Event/activity: Industry visit - Visit to Walvoil Fluid Power India Pvt. Ltd, Attibele, Bengaluru
Faculty co-coordinators: Prof. Umamaheshwar Hebbal and Dr. Venkatesh B N
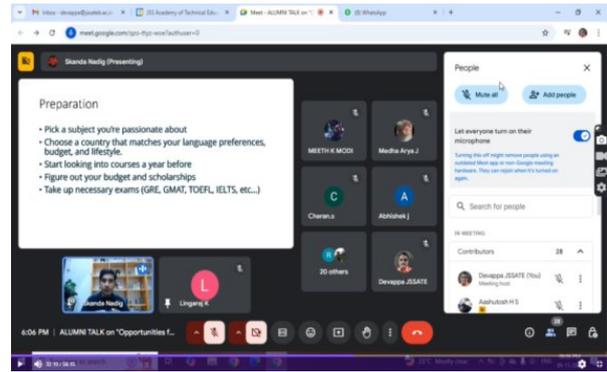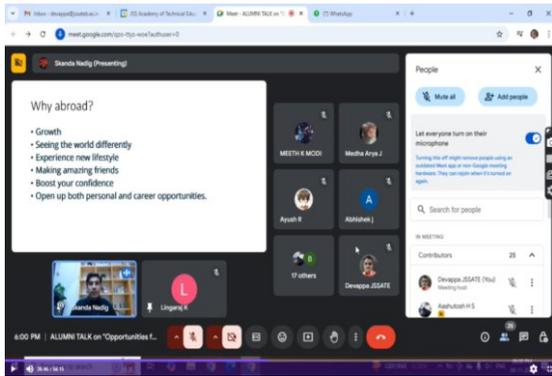**Students:** 'V' semester students, **No. of students attended**: 30

Date: 18/12/2024
Name of the Event/activity: Alumni Interaction-
Topic: "Opportunities for Mechanical Engineers in European Countries"

Name of the alumnus: Mr. SYED AIMAN (2021 graduated), Engineering Manager United Kingdom,

Industrial Engineer, Jaguar Land Rover West Midlands.

Target audience: I Sem Mechanical Engineering students; **No. of students attended**: 33

Date : 12/12/2024
Name of the Event/activity: Department Fest-IGNITE 2024

The **Mechanical Fest** began with an enthusiastic inauguration on **12/12/2024** at the Mirror Entrance. The event featured guest **Sakshi (XP Girl)**, who inspired students, and the unveiling of the Motorsport Club, "Tachyon Motorsport." Speeches by Dr. D Mahesh Kumar, Dean, Student Welfare, **Dr. BV Ragavendra (HOD)** and **Members from Alphabets** highlighted innovation, teamwork, and student achievements.

Date : 10/12/2024
Name of the Event/activity: Industry visit-
Industrial Visit to **YUKEN INDIA LTD,** Malur Road, Kolar Dist. 63130
Faculty visited along with the students: Dr. G M Swamy and T K Nagaraja
FPSI co-coordinator: HRM-Shekhar S.S., Ph: 9741333069
Students: III sem students, **No. of students attended**: 50

Date : 10/12/2024
Name of the Event/activity: Two-day Student Development Program on "Data Visualization for Smart Decision making".
Event Coordinators: Dr. Yogesha K B, Associate Professor, ME department
A two-day Student Development Program on "Data Visualization for Smart Decision making" was organized by Department of Mechanical Engineering in association with IQAC, JSS Academy of Technical Education, Bengaluru, on 20th &21st February 2025 from 9:00 am to 5:00 pm. The objective of this program is to provide students with the knowledge and skills necessary to understand and

implement data visualization techniques to support effective decision-making. Through this program, we aim to enhance students' analytical and presentation skills, which are crucial in today's data-driven world.
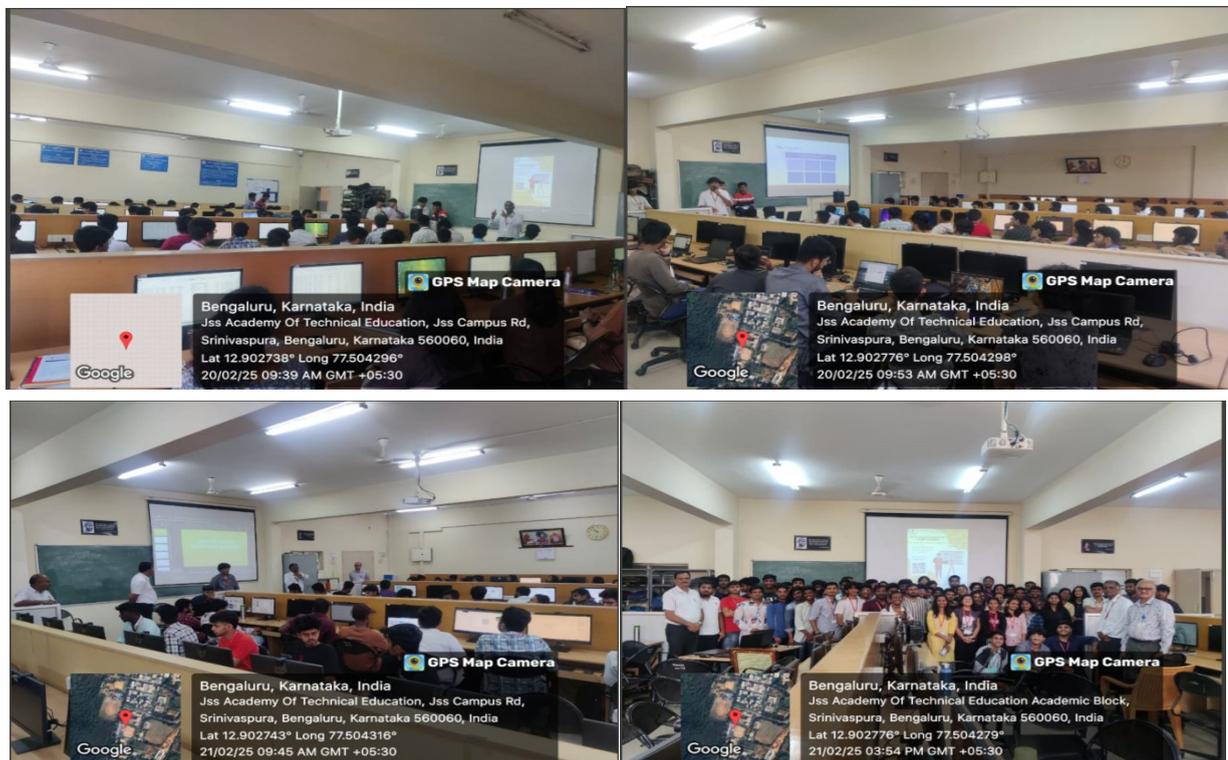
Date : 06/03/2025

Name of the Event/activity: Guest Lecture

The Department of Mechanical Engineering had organized a talk on **"Opportunities through GATE Exam"** on 06.03.2025 from 12:00 pm to 1:00 pm to IV and VI semester students. The talk was delivered by Prof. Atul Negi from IMS Gate Academy, Bengaluru. About 50 students attended the program and got benefitted from it.

Date : 17/03/2025

Name of the Event/activity: Industry visit-

Industrial Visit to **SS Industries,** Kumbalagodu Industrial Area, Bengaluru.

Faculty co-coordinators: Dr. G M Swamy, Dr. Devappa and Prajwal M

Students: VI sem students; **No. of students attended**: 20

Date : 17/03/2025
Name of the Event/activity: Industry visit-
Industrial Visit to **Prabha Industries,**Kumbalagodu Industrial Area, Bengaluru.

Faculty co-coordinators: Dr. Santhosh Kumar B.M, Dr. G M Swamy,

Students: IV semester students;
No. of students attended: 23

<p style="color:blue; text-align:center;">**Department of Robotics and Automation DATA -2024-2025 (ONLY)**</p>

ABOUT THE DEPARTMENT

The Department of Robotics and Automation is a unique Engineering Program that deals with the design and development of automated systems combining Mechanical, Electronics, Instrumentation, Computer Science,

Artificial Intelligence and Machine Learning in real time. This interdisciplinary program aims to develop proficiency in Mechanisms, Control Systems, Mechatronics, Dynamics and Embedded Systems. The graduates from this program will have the knowledge and skills to work in a broad variety of engineering careers in both the public and the private sectors such as automobiles, aerospace, Defense, pharmaceutical, food processing, chemical etc.

The Department of Robotics and Automation is established in the year 2021. The curriculum of the program includes fundamentals as well as advanced courses that focus on imparting technical know-how to students, promoting their problem-solving skills and innovating new technologies. The Department is composed of well-qualified faculty with good retention. The regular activities of the Department include MOUs with Industries, offering Internships for students at various Industries and Institutes, organizing Industrial visits, and conducting expert lectures and workshops for students. Students are encouraged to take part and exhibit their talents in building innovative Robot models at national and international level competitions.

VISION, MISSION OF THE DEPARTMENT

Vision

"To be a Centre of excellence in the field of Robotics and Automation by emphasizing on quality education, training, research and inculcating human values to cater the needs of the industries and society."

Mission

M1: To equip the students with higher-order thinking and technical skills in Robotics and Automation through effective teaching learning methodologies.

M2: To educate and train the students with state of art technologies, industry institute interaction and promote research in the field of Robotics and Automation.

M3: To provide an ambience that facilitate self-learning, collaborative learning and acquire multidisciplinary knowledge.

M4: To encourage the students by nurturing creativity and innovation to launch start-ups and promote entrepreneurship.

FACULTY DETAILS WITH PHOTOGRAPH (DESIGNATION, DEGREE, TOTAL EXP)

S. No.	Name	Designation	Qualification	Area of Specialization	Date of Joining	Experience	Photo
1	Dr. RAMYA M V	Associate Professor & HOD	B.E., M.Tech., Ph.D	Embedded Systems and IoT	13-07-2022	11 Yrs	
2	Mr. K S MAHESH	Assistant Professor	B.E., M.Tech., (Ph.D).	Maintenance Engineering	13-09-2012	15 Yrs	

3	Deeksha B S	Assistant Professor	B.E., M.Tech.	Robotics & AI	17-09-2025	Fresher	

NON-TEACHING FACULTY DETAILS WITH PHOTOGRAPH (DESIGNATION, DEGREE, TOTAL EXP)

Sl. No.	Name	Qualification	Designation	Exp. (Yrs)	Photo
1.	Ranjani S N	B.E. (ECE)	Instructor	11	
2.	Niranjan N S	B.E. (ME)	Foreman	10	
3.	Gurumurthy S S	SSLC	Helper	13	

NUMBER OF STUDENTS ON ROLL: 120
TOTAL: 103
GIRLS: 42
BOYS: 61

RESEARCH PUBLICATIONS/CONSULTANCY/PATENTS/FUNDED PROJECTS
PUBLICATIONS DETAILS

Web of Science indexed Journals	SCOPUS indexed Journals	other Journals	Conferences / Symposium
International: National:	International: National:	International: National:	International: 01 National:

i. International Journals

Sl. No.	Faculty Name	Title of the paper	Name(s) of Author(s)	Name of the Journal	Volume No. Issue No. Year	WOS / Scopus / Both	Publisher
1.	Dr. M V Ramya, Associate Professor & HOD	Intelligent food storage: Enhancing freshness and reducing waste with smart containers"	Dr. M V Ramya	International conference on Computational systems & Information technology for sustainable solutions (CSITSS)	979-8-3315-0546-2/24 ©2024 IEEE | DOI: 10.1109/CSIT SS64042.2024 .10817019		

ii. National Journals

Sl. No.	Faculty Name	Title of the paper	Name(s) of Author(s)	Name of the Journal	Volume No. Issue No. Year	WOS / Scopus / Both	Publisher
1	NIL						

Sanctioned Project

Sl. No.	Name of the Faculty	Name of the Project	Funding Agency	Cost in Rs.
1	Dr. Ramya M V	Assistive Robot in Hospitals using ROS2	48th series of Student Project Programme (SPP) KSCST	6000/-
2	K S Mahesh	Dual Mode Fire Fighting Robot with Adaptive Control Systems	48th series of Student Project Programme (SPP) KSCST	6000/-
3	Dr. Ramya M V K S Mahesh	Solar Powered Automatic weed removal Robot with Autonomous Navigation	48th series of Student Project Programme (SPP) KSCST	6000/-

Sponsorship details

Sl. No.	Name of the Company	Sponsorship Received Amount in Rs.
1	IEEE RAS in 2025.	Rs. 5,000/-
2	IEEE RAS in 2025 (ongoing).	US$212
3	Quest Global and facilitated by IEEE India Philanthropy in 2025.	Rs. 50,000
4	JSSATEB seed Money for AI-Powered Campus Service Robot	Rs.3,00,000/-

FACULTY ACHIEVEMENTS
Seminars & workshops attended by staff

Sl. No	Name of the staff	Details of Seminar & Workshop	Date & Place
1	Dr. Ramya M V	MATLAB EXPO-2025	22nd April 2025
2	Dr. Ramya M V	Nvidia Training	16th & 17th April 2025
3	Dr. Ramya M V	One week FDP on "Artificial Intelligence and Emerging Technologies"	18th to 22nd March 2025 Dept. of Compuetr Science and Engineering, JSS Science and Technology University, Mysuru
4	Dr. Ramya M V	One week FDP on "Integrating AI Tools in Engineering Research"	3rd to 8th Febraury 2025 Department of Chemical Engineering and Department of Computer Science & Engineering (AI&ML and Cyber Security), M.S. Ramaiah Institute of Technology, Bengaluru
5	Dr. Ramya M V	1-Day outbound Leadership Development Program on " Scintillation: A step towards organizational Excellence"	13th January 2025 Department of Management Studies, JSSATE, Bengaluru
6	K S Mahesh	Completed 4 weeks course on NPTEL-AICTE FDP on "Manufacturing Automation"	Jan-Feb 2025
7	Niranjan N S	Completed 4 weeks course on NPTEL online certification on "Manufacturing Automation"	Jan-Feb 2025

STUDENT ACHIEVEMENTS (RANK, BE HONORS, HACKATHON, STIPEND, INTERNSHIP, PRIZE, CO-CURRICULAR ACTIVITIES)

- Three students from R&A Dept. have bagged VTU ranks in the 2024-2025 SEEs (2021 batch).
    - ✓ Ms. RIYA ANANT NAIK, 1JS21RA014 - 5th Rank
    - ✓ ABHISHEK J., 1JS21RA001 - 7th Rank
    - ✓ Ms. BHAVYA J., 1JS21RA005 - 10th Rank
- BHARATH H G (1JS21RA004), Pooja S (1JSRA024), Riya Anant Naik (1JS21RA014) & P P Pavel (1JS21RA012) were selected for Internship on Newrro Tech LLP for 3 Months duration & Wipro enterprises Pvt. Ltd. (Wipro 3D) for duration of 2 months.
- Bhavya J (1JS21RA005) of 8th Semester student presented paper entitled "Intillegent Food Storage: Enhancing Freshness & Reducing Waste with Smart Containers" in IEEE International conference on Computational systems & Information Technology for sustainable solutions (CSITSS) held from 7th to 9th November 2024 at RV College of Engineering, Bengaluru.
- BHARATH H G (1JS21RA004) & CHIRANTH P S (1JS21RA007) of 8th Semester students completedonline course on "Artificial Intelligence Beginners Guide: What is AI?" by Simplilearn on 11th Dember 2024.
- SUPRAJ S (1JS22RA020) & VARSHINI G C (1JS22RA022) of 6th Semester student presented paper entitled on "Addressing key challenges in sustainable energy: Battery recycling and hybrid energy storage systems for microgrids" in 1st National Conference on climate Resilience and environmentally sustainable Technologies (NITK-CREST 2025) held during 27th Febraury 2025 to 1st March 2025 at National Institute of Technology Karnataka, Surathkal, Mangalore.
- SUPRAJ S (1JS22RA020) of 6th Semester R&A student participated in the conclave of RoboAnalyzer Online/offline Competition (ROC) held at IIT Delhi during 15th June 2025 to 13th September 2025.
- PRANAV S (1JS22RA015) 6th Semester R&A student secured an internship at Epicure Robotics with a stipend of Rs. 10,000/- per month.
- CHAWDHARY BASHAAR (1JS22RA006) of 6th Semester R&A student secured 2nd in Sport Table Tennis held during Kala Mahotsav 2024 organized by Dept. of ECE, JSSATEB.
- KUVAL K V (1JS22RA011), HARSHITH R (1JS22RA009) & DEEKSHA G (1JS22RA007) of 6th Semester R&A students participated in "Robolympics- The Journey of Precision & Play" held on 14th December 2024 at BMSIT&M, Yelahanka organised by IEEE-RAS * E-Yantra BMSIT&M.
- KUVAL K V (1JS22RA011), HARSHITH R (1JS22RA009), DEEKSHA G (1JS22RA007) & TUSHAR S (1JS22RA021) of 6th Semester R&A students participated in MAZE-MERISE event at the Inter-Collagiate fest MAGNOVITE 2024 held on 6th & 7th December 2024 at Christ University.
- ADITHI R (1JS22RA001) of 6th Semester R&A student completed Phython 101 for Data Science course by IBM Developer SKILLS network on 9th December 2024.
- DEEKSHA G (1JS22RA007) & TUSHAR S (1JS22RA021) of 6th Semester R&A students completed the NPTEl 8 weeks online course on Robotics from July to September 2024.
- SINCHANA KULKARNI (1JS23RA017) of 4th Semester R&A student completed the NPTEl 4 weeks online course on Software Conceptual Design from August to September 2024.
- RAKSHANA N (1JS23RA011) of 4th Semester, B PAVAN(1JS22RA005) & LAMTURE MANAV(1JS22RA012) of 6th Semester R&A students completed the NPTEl 12 weeks online course on Industrial Robotics: Theories for Implementation" from July to October 2024.

- RAKSHANA N (1JS23RA011) of 4th Semester, R&A students completed the NPTEl 8 weeks online course on "Programming, Data Structures & Algorithms using Phython" from January to March 2025.

RESULTS: **I Semester Result Analysis** (Jun 2024 to Dec 2025)

Sl.No.	Subject Code	Subject	Pass %
1	BMATM101	Mathematics I for Mech. Engg Stream	66.67
2	BPHYM102	Applied Physics for ME Stream	86.67
3	BEMEM103	Elements of Mechanical Engineering	90.00
4	BENGK106	Communicative English	100.00
5	BKSKK107/ BKBKK107	Samskrutika Kannada/ Balake Kannada	93.33
6	BSFHK158	Scientific Foundations of Health	100.00
7	BESCK104E	Introduction to C Programming	66.67
8	BETCK105x	Introduction to Internet of Things (IOT)	90.00

Total No. of Students	No. of FCD	No. of FC	No. of SC	No. of Fail	Overall result %
30	13	05	0	12	**60**

Sl. No.	Sub Code	Subject Name	Faculty Name	Class Strength	FCD	FC	SC	Fail	%
1	BMATM101	Mathematics I for Mech. Engg Stream	Dr C V Vinay	30	9	5	6	10	66.67
2	BPHYM102	Applied Physics for ME Stream	Mrs. Sushma K C		20	5	1	4	86.67
3	BEMEM103	Elements of Mechanical Engineering	Dr. J S Srikantamurthy		13	10	4	3	90.00
4	BENGK106	Communicative English	Ms. Kavya N R		10	15	5	0	100.00
5	BKSKK107 BKBKK107	Samskrutika Kannada/ Balake Kannada	Mr. Satish M		23	4	1	2	93.33
6	BSFHK158	Scientific Foundations of Health	Dr. Abdul Razak B H		22	7	1	0	100.00
7	BESCK104E	Introduction to C Programming	Dr. Gowreesh S S		11	8	1	10	66.67
8	BETCK105x	Introduction to Internet of Things (IOT)	Dr. D N Roopa		12	7	8	3	90.00

Top Performers

SI	USN	Name	%
1	1JS24RA028	UMME HAANI	83.13
2	1JS24RA008	KEERTHI T S	79.63
3	1JS24RA018	ROOPA N	79.50

4	1JS24RA024	STHUTHI MAIYA	79.00
5	1JS24RA002	GOPALAKRISHNA A P	77.38
6	1JS24RA012	NAMITHA P	77.25
7	1JS24RA020	SANJAY S	76.63
8	1JS24RA023	SIYANTH SHAJU	76.13
9	1JS24RA017	RITHESH	74.75
10	1JS24RA015	PRAGNA G	73.13
11	1JS24RA030	YASHASWINI T G	72.25
12	1JS24RA026	T S GREESHMA	71.50
13	1JS24RA014	PRADNYA PADMARAJ BHOSAGE	71.00

II Semester Result Analysis (Feb 2025 to June 2025)

Sl.No.	Subject Code	Subject	Pass %
1	BMATM201	Mathematics for Mechanical Stream	96.55
2	BCHEM202	Chemistry for Mechanical Stream	89.66
3	BCEDK203	Computer Aided Engineering Drawing	100
4	BESCK204B	Introduction to Electronics	93.10
5	BPLCK205B	Introduction to Python Programming	84.62
6	BENGK206	Communicative English	100
7	BICOK207	Indian Constitution	100
8	BIDTK258	Innovation and Design Thinking	100

Total No. of Students	No. of FCD	No. of FC	No. of SC	No. of Fail	Overall result %
29	17	3	0	9	68.97

Sl. No.	Sub Code	Subject Name	Faculty Name	Class Strength	FCD	FC	SC	Fail	%
1	BMATM201	Mathematics for Mechanical Stream	Dr. C V Vinay	29	13	7	8	1	96.55
2	BCHEM202	Chemistry for Mechanical Stream	Dr. Roopashree B	29	19	3	4	3	89.66
3	BCEDK203	Computer Aided Engineering Drawing	Mr. Praveen kumar U B	29	27	2	0	0	100
4	BESCK204B	Introduction to Electronics	Mrs. Khruthi T S	29	13	7	7	2	93.10
5	BPLCK205B	Introduction to Python Programming	Dr. B V Raghavendra	26	9	4	9	4	84.62
6	BENGK206	Communicative English	Ms. Kavya N R	29	25	1	3	0	100
7	BICOK207	Indian Constitution	Mr. Chethan S	29	25	2	2	0	100
8	BIDTK258	Innovation and Design Thinking	Mr. Umamaheshwar Hebbal	29	13	13	3	0	100

Top Performers

Sl. NO.	USN	Name	%
1	1JS24RA028	UMME HAANI	87.13
2	1JS24RA012	NAMITHA P	85.63

3	1JS24RA024	STHUTHI MAIYA	84.50
4	1JS24RA008	KEERTHI T S	83.63
5	1JS24RA023	SIYANTH SHAJU	83.38
6	1JS24RA017	RITHESH	77.13
7	1JS24RA014	PRADNYA PADMARAJ BHOSAGE	76.75
8	1JS24RA018	ROOPA N	76.63
9	1JS24RA002	GOPALAKRISHNA A P	75.75
10	1JS24RA029	VARSHINI RAO	75.75
11	1JS24RA020	SANJAY S	75.13
12	1JS24RA030	YASHASWINI T G	75
13	1JS24RA026	T S GREESHMA	74.75
14	1JS24RA015	PRAGNA G	74.25
15	1JS24RA001	B S VANASHRI	71.13
16	1JS24RA027	THANUSHREE D	70.50
17	1JS24RA010	MANOJ KUMAR G	70.25

III Semester Result Analysis (Jun 2024 to Dec 2025)

Sl.No.	Subject Code	Subject	Pass %
1	BRA301	Fundamentals of Robotics & Applications	90.63
2	BRA302	Fabrication Methods of Robotic Components	93.75
3	BRA303	Analog & Digital Electronic Circuits	96.88
4	BRA304	Mechanics of Solids & Fluids	71.88
5	BRA305	Introduction to Modeling & Design for Manufacturing	87.50
6	BRA306C	Linear Integrated Circuits	90.63
7	BSCK307	Social Connect and Responsibility	100
8	BRA358B	Applications of MATLAB	96.88

Total No. of Students	No. of FCD	No. of FC	No. of SC	No. of Fail	Overall result %
32	13	9	0	10	**68.75**

Sl. No.	Sub Code	Subject Name	Faculty Name	Class Strength	FCD	FC	SC	Fail	%
1	BRA301	Fundamentals of Robotics & Applications	K S Mahesh	32	7	14	8	3	90.63
2	BRA302	Fabrication Methods of Robotic Components	Dr. B N Venkatesh		15	9	6	2	93.75

3	BRA303	Analog & Digital Electronic Circuits	Dr. Ramya M V		9	12	10	1	96.88
4	BRA304	Mechanics of Solids & Fluids	Prajwal M		2	11	10	9	71.88
5	BRA305	Introduction to Modeling & Design for Manufacturing	K S Mahesh		8	1	19	4	87.50
6	BRA306C	Linear Integrated Circuits	S N Sheela		7	9	13	3	90.63
7	BSCK307	Social Connect and Responsibility	Harshitha M N		32	0	0	0	100
8	BRA358B	Applications of MATLAB	Dr. Ramya M V		21	8	2	1	96.88

Top Performers

Sl. No.	USN	Name	%
1	1JS23RA017	SINCHANA KULKARNI	83.89
2	1JS23RA011	RAKSHANA N	83.56
3	1JS23RA002	DEEPIKHA BHARADWAJ	82.44
4	1JS23RA018	SIRI MAHANTESH KITTUR MATH	81.44
5	1JS23RA006	JISWA HOSMANI	78.78
6	1JS23RA025	YESHAS U	78.33
7	1JS23RA019	SRISHTI G	75.89
8	1JS23RA014	SANNIDHI K S	75.44
9	1JS23RA005	JAISAL K JAIN	74.44
10	1JS23RA020	SRISTI	74.11
11	1JS23RA023	VARSHINI T S	74.11
12	1JS23RA009	NALLAAPETA SAI DHYAN SANTHOSH	73.22
13	1JS23RA013	S NEHA	72.22

IV Semester Result Analysis (Feb 2025 to Jun 2025)

Sl.No.	Subject Code	Subject	Pass %
1	BRA401	Measurement system	84.38
2	BRA402	Microcontrollers	100
3	BRA403	Robot, Kinematics, Dynamics, and control	46.88
4	BRAL404	Robot Programming & Simulation Lab	100
5	BRA405C	Sensors and Actuators	96.88
6	BRA456A	Introduction to AI and ML	87.5
7	BOK407	Biology For Engineers	96.88
8	BUHK408	Universal Human Values course	96.88

Total No. of Students	No. of FCD	No. of FC	No. of SC	No. of Fail	Overall result %
32	11	3	0	18	**43.75**

Sl. No.	Sub Code	Subject Name	Faculty Name	Class Strength	FCD	FC	SC	Fail	%

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Sl	Sub Code	Subject Name	Faculty	Class	FCD	FC	SC	Fail	%
1	BRA401	Measurement system	Prajwal M	32	15	10	2	3+2NE	84.38
2	BRA402	Microcontrollers	Dr Ramya M V		15	7	10	0	100
3	BRA403	Robot,Kinematics, Dynamics, and control	K S Mahesh		1	4	10	19	46.88
4	BRAL404	Robot Programming & Simulation Lab	K S Mahesh		15	16	1	0	100
5	BRA405C	Sensors and Actuators	Dr Veeresh B R		16	12	3	1	96.88
6	BRA456A	Introduction to AI and ML	K S Mahesh		17	10	1	4	87.50
7	BOK407	Biology For Engineers	Sanchi		13	11	7	1	96.88
8	BUHK408	Universal Human Values course	Dr H N Hemalatha		23	6	2	1	96.88

Top Performers

SI	USN	Name	%
1	1JS23RA018	SIRI MAHANTESH KITTUR MATH	84.67
2	1JS23RA011	RAKSHANA N	83.67
3	1JS23RA017	SINCHANA KULKARNI	83.22
4	1JS23RA006	JISWA HOSMANI	81.67
5	1JS23RA024	VINDHYASHREE B	80
6	1JS23RA002	DEEPIKHA BHARADWAJ	78.33
7	1JS23RA020	SRISTI	77.67
8	1JS23RA005	JAISAL K JAIN	77.22
9	1JS23RA025	YESHAS U	75.89
10	1JS23RA019	SRISHTI G	74.56
11	1JS23RA013	S NEHA	74.44

V Semester Result Analysis (Jun 2024 to Dec 2025)

SI.No.	Subject Code	Subject	Pass %
1	BRA501	Managerial Economics for Robotics	100
2	BRA502	Hydraulics & Pneumatics	95.83
3	BRA503	Robot Operating Systems	100
4	BRAL504	Virtual Instrumentation & Automation Lab	100
5	BRA515x	Autonomous Robot (PE)	100
6	BRA586	Mini Project	100
7	BRMK557	Research Methodology and IPR	95.83
8	BRAL504	Environmental Studies	100

Total No. of Students	No. of FCD	No. of FC	No. of SC	No. of Fail	Overall result %
25	23	1	0	1	96

SI.	Sub Code	Subject Name	Faculty	Class	FCD	FC	SC	Fail	%

No.			Name	Strength					
1	BRA501	Managerial Economics for Robotics	Dr. D N Roopa		20	4	0	1	96
2	BRA502	Hydraulics & Pneumatics	Dr. P N Siddappa		13	8	2	1	95.83
3	BRA503	Robot Operating Systems	H M Basavaraju		15	7	2	1	96
4	BRAL504	Virtual Instrumentation & Automation Lab	Dr. Ramya M V	25	23	1	1	0	100
5	BRA515x	Autonomous Robot (PE)	Dr. K B Yogesha		20	1	3	1	96
6	BRA586	Mini Project	K S Mahesh		25	0	0	0	100
7	BRMK557	Research Methodology and IPR	T K Nagaraja		20	2	2	1	96
8	BRAL504	Environmental Studies	Apoorva S		22	2	0	1	96

Top Performers

SI	USN	Name	%
1	1JS22RA007	DEEKSHA G	88.44
2	1JS22RA021	TUSHAR S	87.11
3	1JS22RA014	PAVAN H R	85.44
4	1JS22RA013	MANASA K S	85.33
5	1JS22RA016	PREETHI VAISHNAVI K	85.11
6	1JS22RA006	CHAWDHARY BASHAAR	84.78
7	1JS22RA022	VARSHINI G C	84.67
8	1JS22RA004	ARJITHA SHREYAVAS	84
9	1JS22RA005	B PAVAN	83.78
10	1JS22RA020	SUPRAJ S	83.67
11	1JS22RA012	LAMTURE MANAV	83.22
12	1JS22RA015	PRANAV S	83.22
13	1JS22RA001	ADITHI R	83.11
14	1JS23RA400	GOPAL GOWDA	83
15	1JS22RA003	ANAND DUNDAPPA TUGASHETTI	82.89
16	1JS22RA019	SHREYAS KOWNDINYA	81.22
17	1JS22RA010	K V KEERTHAN	80.33
18	1JS22RA002	AMOGH S HEGDE	80.22
19	1JS22RA018	RAM PRATIRADH A	78.33
20	1JS22RA009	HARSHITH R	75
21	1JS23RA402	JEEVAN D N	74.78

VI Semester Result Analysis (Feb 2025 to Jun 2025)

SI.No.	Subject Code	Subject	Pass %
1	BRA601	Quality Control and Maintenance Mgmt.	100
2	BRA602	Additive Manufacturing	100
3	BRA613B	Computer Integrated Manufacturing (PE)	100
4	BCS654A	Introduction to Data Structures (OE)	100
5	BCV654D	Sustainable Development Goals (OE)	92.86
6	BRA685	Project Phase I	100

7	BRAL606	FEA Lab	100
8	BRA657C	Operations Management	100
9	BIKS609	Indian Knowledge System	100

Total No. of Students	No. of FCD	No. of FC	No. of SC	No. of Fail	Overall result %
24	22	1	0	1	**95.83**

Top Performers

SI	USN	Name	%
1	1JS22RA007	DEEKSHA G	89.56
2	1JS22RA003	ANAND DUNDAPPA TUGASHETTI	89.33
3	1JS22RA015	PRANAV S	87.56
4	1JS22RA014	PAVAN H R	87.11
5	1JS22RA021	TUSHAR S	86.67
6	1JS22RA006	CHAWDHARY BASHAAR	86.44
7	1JS22RA019	SHREYAS KOWNDINYA	85.44
8	1JS22RA001	ADITHI R	84.78
9	1JS22RA016	PREETHI VAISHNAVI K	84.67
10	1JS22RA012	LAMTURE MANAV	84.33
11	1JS22RA020	SUPRAJ S	84.33
12	1JS22RA005	B PAVAN	84
13	1JS22RA022	VARSHINI G C	84
14	1JS23RA400	GOPAL GOWDA	84
15	1JS22RA004	ARJITHA SHREYAVAS	83.78
16	1JS22RA018	RAM PRATHRADH A	83.11
17	1JS22RA009	HARSHITH R	82.33
18	1JS22RA002	AMOGH S HEGDE	81.78
19	1JS22RA013	MANASA K S	81.44
20	1JS22RA008	K V KEERTHAN	79.89
21	1JS23RA402	JEEVAN D N	76.67
22	1JS23RA401	HEMANTH GOWDA S J	73.67

Sl. No.	Sub Code	Subject Name	Faculty Name	Class Strength	FCD	FC	SC	Fail	%
1	BRA601	Quality Control and Maintenance Mgmt	Dr Siddappa P N	24	18	4	2	0	100
2	BRA602	Additive Manufacturing	K S Mahesh	24	16	5	3	0	100
3	BRA613B	Computer Integrated Manufacturing (PE)	Dr B N Venkatesh	24	22	0	2	0	100
4	BCS654A	Introduction to Data Structures (OE)	Kavya T C	10	3	6	1	0	100
5	BCV654D	Sustainable Development Goals (OE)	Dr H N Hemalatha	14	11	2	0	1	92.86
6	BRA685	Project Phase I	K S Mahesh	24	24	0	0	0	100
7	BRAL606	FEA Lab	Prajwal M	24	22	0	2	0	100
8	BRA657C	Operations Management	Dr Roopa D N	24	20	3	1	0	100
9	BIKS609	Indian Knowledge System	K Nagaraja	24	24	0	0	0	100

VII Semester Result Analysis (June 2024 to Dec 2024)

SI.No.	Subject Code	Subject	Pass %
1	21RA71	Industrial Robotics: Field and Service Robotics	90
2	21RA72	Industrial Data Networks	90
3	21RA732	Smart Manufacturing (PE)	100
4	21RA742	Digital Image Processing (PE)	100
5	21RA75X	Open elective Course-II	

6	21CS752	Introduction to AI and ML	100
7	21CV753	Environmental Protection And Management	100
8	21RAP76	Project work	100

Total No. of Students	No. of FCD	No. of FC	No. of SC	No. of Fail	Overall result %
20	10	09	00	01	95%

Sl No.	Code	Subject Name	Faculty Name	Class Strength	FCD	FC	SC	Fail	Pass%
1	21RA71	Industrial Robotics: Field and Service Robotics	K S Mahesh	20	8	8	3	1	95
2	21RA72	Industrial Data Networks	Dr. Ramya M V		6	4	9	1	95
3	21RA732	Smart Manufacturing (PE)	K S Mahesh		5	2	13	0	100
4	21RA742	Digital Image Processing (PE)	Dr. K P Ravi Kumar		10	7	3	0	100
5	21RA75X	Open elective Course-II							
6	21CS752	Introduction to AI and ML	G Gayathri Kamat		8	7	1	0	100
7	21CV753	Environmental Protection And Management	P Nagabhushan		1	3	0	0	100
8	21RAP76	Project work	K S Mahesh		20	-	-	-	100

Top Performers

Sl	USN	Name	OBT Marks	%	SGPA
1	1JS21RA014	RIYA ANANT NAIK	621	88.71	9.5
2	1JS21RA005	BHAVYA J	600	85.71	9.3
3	1JS21RA001	ABHISHEK J	583	83.29	9.0
4	1JS21RA012	P P PAVEL	562	80.29	8.7
5	1JS21RA004	BHARATH H G	548	78.29	9.3
6	1JS21RA007	CHIRANTH PS	548	78.29	8.7
7	1JS21RA019	SEEKRUTHI K	519	74.14	8.3
8	1JS21RA023	VIKAS A RAM	501	71.57	8.2
9	1JS21RA024	POOJA SUKESH	500	71.43	8.0
10	1JS21RA022	VAISHNAVI M	495	70.71	8.0

VIII Semester Result Analysis (Feb 2025 to June 2025)

Sl.No.	Subject Code	Subject	Pass %
1	21RA81	TECHNICAL SEMINAR	100
2	21INT822	INDUSTRY INTERNSHIP	100
3	21NS83/ 21PE83	NATIONAL SERVICE SCHEME/Sports	100

Total No. of Students	No. of FCD	No. of FC	No. of SC	No. of Fail	Overall result %
20	20	0	0	0	100%

SI No.	Code	Subject Name	Faculty Name	Class Strength	FCD	FC	SC	Fail	Pass%
1	21RA81	TECHNICAL SEMINAR	K S Mahesh Dr. Ramya M V		20	0	0	0	100
2	21INT822	INDUSTRY INTERNSHIP	K S Mahesh Dr. Ramya M V	20	20	0	0	0	100
3	21NS83/ 21PE83	NATIONAL SERVICE SCHEME/Sports	Dr. Girish N		20	0	0	0	100

Top Performers

SI	USN	Name	OBT Marks	%	SGPA
1	1JS21RA001	ABHISHEK J	392	98.00	10.0
2	1JS21RA005	BHAVYA J	390	97.50	10.0
3	1JS21RA014	RIYA ANANT NAIK	390	97.50	10.0
4	1JS21RA007	CHIRANTH PS	387	96.75	10.0
5	1JS21RA008	DEEKSHITH G R	381	95.25	10.0
6	1JS21RA010	K V TAKSHIL	376	94.00	10.0
7	1JS21RA024	POOJA SUKESH	376	94.00	10.0
8	1JS21RA004	BHARATH H G	372	93.00	10.0
9	1JS21RA006	BHOOMIKA P	368	92.00	9.1
10	1JS21RA009	HARSHA A N	367	91.75	9.1
11	1JS21RA022	VAISHNAVI M	367	91.75	9.1

PLACEMENTS:

Year	Name of student placed and contact details	Program graduated from	Name of the employer with contact details	Position	Pay package at appointment	Remarks
2025	Chiranth P S	Robotics & Automation	M2 Next Solutions	FTE+Internship	3.6 LPA	On campus
2025	Pooja Sukesh	Robotics & Automation	M2 Next Solutions	FTE+Internship	3.6 LPA	On campus
2025	Bharath H G	Robotics & Automation	Vidyashilp University	Lab Associate - Academic support	6.48LPA	Off campus
2025	Pavel P	Robotics & Automation	SUPINCO Automation Pvt. Ltd	Trainee Engineer.	3 LPA	Off campus
2025	Riya Anant Naik	Robotics & Automation	SUPINCO Automation Pvt. Ltd	Trainee Engineer.	3 LPA	Off campus

HIGHER STUDIES: NIL
STUDENT CLUB : NIL
PROFESSIONAL BODIES LIST/ EVENTS :
IEEE MEMBERSHIP WITH ROBOTICS AND AUTOMATION STUDENT BRANCH CHAPTER
About the club

IEEE Members List

Sl.No	Name
1	TUSHAR S
2	HEMANTH GOWDA S J
3	VARSHINI G C
4	ARJITHA SHREYAVAS
5	ADITHI R
6	MANASA K S
7	DEEPIKHA BHARADWAJ
8	SINCHANA KULKARNI
9	SIRI MAHANTESH KITTUR MATH
10	NALLAAPETA SAI DHYAN SANTHOSH
11	YESHAS U
12	B S VANASHRI
13	KEERTHI T S
14	GOPALAKRISHNA A P
15	SIYANTH SHAJU
16	MOHITH R
17	PREETHAM M NAYAKA
18	SAMANYU HOLLA

Events conducted under IEEE

Sl. No.	Date	Event details
1	23rd September 2025	**workshop on "Basics of Robotics"** **Resource person:** Student Coordinators No. of students participated: 1st Semester
2	7th to 10th October 2024	Four days Workshop on "Inventors workshop Robotics Edition" (Hands-on Session) under IEEE

3	4th Dec 2024 to 6th Dec 2024	3 days workshop on "Basic of Arduino" **Resource person:** Mr. Supraj, Mr. Harshith & Mr. Tushar from 5th sem students of Dept. of R&A No. of students participated: 50 students from R&A, EIE, E&C, CS & ISE, branches
4	22nd Feb to 8th March 2025	3 weeks workshop on "Phython" **Resource person:** Mr. Supraj S & Team from 6th sem students of Dept. of R&A No. of students participated: 4th sem students
5	25th to 26th April 2025	Department Fest "Yantrix -25"
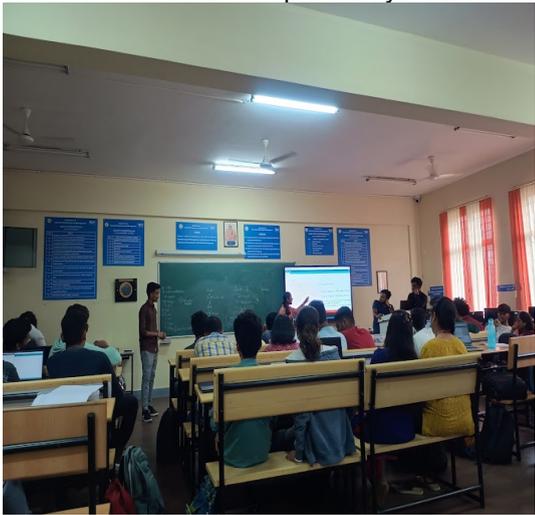
Resource person: Mr. Supraj, 5th Semester Student, Department of RA, JSSATEB.
No. of students participated: 38 students

Guest: Mr. Inavamsi Enaganti, Director of Param Science Experience Centre
No. of students participated: 1st, 2nd, 3rd & 4th Year Students

Events/Seminars/FDP/SDP/Conference/Technical talks organized (SHORT REPORT WITH PHOTOGRAPHS)

Sl. No.	Date	Event details
1.	17th April 2025	1 day workshop on "Additive Manufacturing" **Resource person:** M/s Wipro Team members No. of students participated: 10 students from R&A
2.	24th to 26th March 2025	3 days workshop on "Introduction to Drons: Fundamentals & Flight workshop" **Resource person:** M/s Newrro Tech Team No. of students participated: 42 students from R&A
3.	4th to 6th December 2024	3 days workshop on "Wipro 3D Printer"

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4.	21st November 2024	Technical Talk on " Robotics in Factory Automation"
		Resource person: Mr. Muthukrishnan G, Universal Tech Automation, Chennai
		No. of students participated**:** 64 students from R&A and E&IE Branches
5.	19th to 22nd November 2024	4 Days workshop " Robotics Operating System"
		Resource person: Mr. Basavaraju M B, M/s Newrro Tech
		No. of students participated**:** 31 students from 3rd sem R&A
6.	15th & 16th November 2024	Workshop on "Basics of ROS"

Resource person: M/s Wipro Team members
No. of students participated**:** 13 staffs & students

		 Resource person: Mr. Supraj, Mr. Harshith & Mr. Tushar from 5th sem students of Dept. of R&A **No. of students participated:** 37 students from 3rd Sem R&A and CSE branches
7.	8th November 2024	One day workshop on "Low cost Automation" **Resource person:** Mr. mahendra, M/s Janatics India Pvt. Ltd. **No. of students participated:** 25 students from 3rd & 5th Sem R&A
8.	14th October 2024	Industrial Visit to "Janatics India Pvt. Ltd." **No. of students participated:** 28 Students
9.	5th & 23rd October 2024	Two days Hands-on workshop on "Jetson Nano SBC"
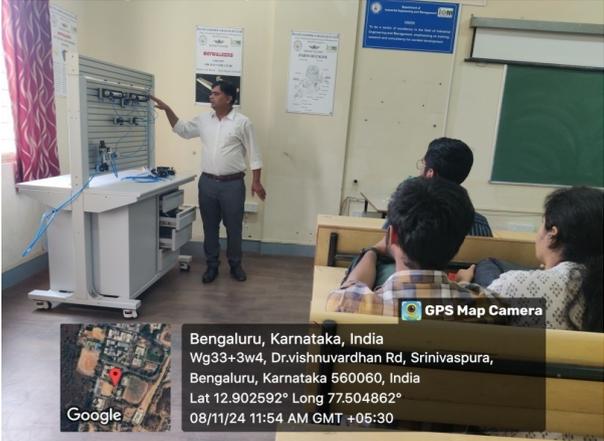
		 Resource person: Mr. Basavaraju H M, Newrro Tech No. of students participated**:** 35 students from 3rd & 5th Semester
10.	26th September 2024	Industrial Visit to "Wipro 3D, Peenya" No. of students participated**:** 5th & 7th Semester Students
11.	1st July 2024 to 7th July 2024 from 9AM to 5PM	One week workshop on "Robotics using ESP32 and ROS" **Resource person:** Mr. Basavaraju H M & his team members, Newrro Tech No. of students participated**:** 23 students from 4th sem & 17 students from 6th sem of RA Dept. and 2 students from 5th sem ME Dept.

Industry Institute Collaboration & Networking : NIL

Alumni Contributions :NIL

DEPARTMENT OF MANAGEMENT STUDIES

ABOUT THE DEPARTMENT

In pursuit of the vision of JSSMVP founders and leaders towards social upliftment, the Department of Management Studies was set up in 2004 at JSSATE, Bengaluru, as a renewed commitment and dedication to mass education. Extending premium quality education for Management aspirants, the Department offers a two-year MBA program and is also a Research Centre for scholars to pursue PhD in Business Administration. The programs are affiliated with VTU, Belagavi, approved by the Govt of Karnataka, and recognized by AICTE, New Delhi.The Department has a sanctioned intake of 60 students with a seat matrix of 50% from PGCET conducted by Karnataka Education Authority and the remaining 50% Management Quota. Outcome-based Education is being practiced in the Teaching & Learning Process. The students have the option to choose a dual specialization in the combination of Finance, Human Resources, or Marketing which caters to the needs of all the Management areas of the corporate world. The Department has a highly experienced and qualified faculty consisting of 4 Doctorates and the rest pursuing PhD who dedicate themselves to equipping the students in all the thrust areas of Management and Research. The VTU curriculum is well supported with add-on co-curricular and extra-curricular activities to transform the students into future Management Professionals and Entrepreneurs. The institution's Training & Placement Cell

organizes Soft Skills programs and campus placements for MBA students. The Department has over 15 batches of alumni who support Industry-Academic Knowledge Transfer in addition to placement assistance. The Department also has well well-stocked library supplemented by a Digital Library and Wi-Fi facility. The campus also houses a fully furnished Girls and Boys Hostel with full-time wardens. As part of the curriculum, the students are encouraged to participate in Intercollegiate Management Fests, Seminars, Conferences, etc with exposure to the practical world through Internships and live Projects. The Institution's Cricket ground, Basketball & Acrylic Synthetic Tennis courts also inspire the students to excel in Intercollegiate, State, and National Sports competitions.

The Department is a recognized Research Centre for PhD in Business Administration affiliated with VTU, Belagavi inspiring the young faculty fraternity towards Innovation and Invention. Till date, Four research scholars have been awarded Doctorate Degrees, and currently, ten scholars are pursuing research in the areas of Finance, HR, and Marketing and publish their work in reputed Journals and Conferences. The research scholars are facilitated with a Digital Library to access online journals, Statistical Packages for Data Analysis, and turn-in software for free Plagiarism checks. The scholars also participate in Workshops and FDPs in the areas of Research Methodology and Data Analytics. Currently, the Department has 3 approved Research Supervisors guiding the scholars in all the areas of Management.

VISION, MISSION OF THE DEPARTMENT

Vision

To be a centre of academic excellence in the area of management, nurturing innovation, research and entrepreneurship.

Mission

- Impart quality education in management through an inclusive learning environment.
- Instill the managerial skills, knowledge, attitude and abilities to sustain in the competitive business Environment.
- Inculcate leadership, innovativeness and entrepreneurship attributes to meet business challenges ethically and legally.

FACULTY DETAILS WITH PHOTOGRAPH (DESIGNATION, DEGREE, TOTAL EXP)

	Dr. T S Nanjundeswaraswamy Professor & Head	B.E.,M.Tech [MEM].,Ph.D. (Organizational Behaviour)	19 years
	Dr. Lathamani B Associate Professor	M.Com., MBA., M.Phil, Ph.D. (Finance)	23 years
	Dr.Pradeep M P Associate Professor	B.E, MBA.,Ph.D (Marketing and HR)	23 years
	Dr.Nagesha H G Associate Professor	MBA., M.Com, Ph.D. (Finance)	17 years

	Mrs.Sowmya C U Assistant Professor	BE,MBA,(Ph.D) (Human Resource Management)	09 years
	Mrs.Chaya J Swamy Assistant Professor	B.Sc, MBA, (Ph.D) (Human Resource Management)	13 Years

NON TEACHING FACULTY DETAILS WITH PHOTOGRAPH (DESIGNATION, DEGREE, TOTAL EXP)

	Mr. Raghu K B Instructor	DME	19 years
	Mr. Puttananjappa Office staff	MA	21 years

Year	No. of Boys	No. of Girls
II Year MBA	18	23

RESEARCH PUBLICATIONS/CONSULTANCY/PATENTS/FUNDED PROJECTS

1. Nanjundeswaraswamy, T. S., Bharath, S., & Nagesh, P. (2025). Leadership dynamics: unveiling the nexus amid employee commitment and leadership styles. *Journal of Management Development*, *44*(2), 279-307.

2. TS, Nanjundeswaraswamy, Sindu Bharath, Nagesh P, and Manoj BR. "Harmonizing quality and sustainability: a comprehensive analysis of total quality management and green manufacturing practices in small and medium-sized enterprises." *International Journal of Lean Six Sigma* (2025).

3. Nanjundeswaraswamy, T. S., Bharath, S., & Nagesh, P. (2025). Employer branding: design and development of a scale. *Journal of economic and administrative sciences*, *41*(1), 88-113.

4. C. J. Swamy and A. Adarsh, "GenWorkBalanceNet: A Hybrid Generative AI-Deep Learning Model for Work-Life Balance-Driven Productivity Prediction in IT Workforces", *Eng. Technol. Appl. Sci. Res.*, vol. 15, no. 6, pp. 30440–30445, Dec. 2025.

5. Swamy, C. J., & Adarsh, A. (2025). HDLF: Hybrid Deep Learning Framework of DNN and LSTM for Workforce Sustainability. *Engineering, Technology & Applied Science Research*, *15*(5), 27478-27483.

6. B. Lathamani, N. C. Kundur, C. J. Swamy, P. K. Hanumanthaiah, P. M. Dhulavvagol, and B. C. Anil, "Enhancing the Scalability of Blockchain Networks using a Data Partitioning Technique", *Eng. Technol. Appl. Sci. Res.*, vol. 14, no. 6, pp. 17711–17716, Dec. 2024.

7. Rakesh H M, Nagesha H G, Bhagyalakshmi K, Nalina K B, Gurulingu P, Shilpa R (2025) Demographic Influences And Heuristic Biases: Innovative Insights Into Investment Performance In Indian Stock Markets has been published in scopus **Q4** Journal i.e. **'Journal of Applied Bioanalysis'** Vol 11, Issue S1, Aug 2025 ISSN: 2405-710X.

8. Nagesha, H. G., Rakesh, H. M., & Manjunatha, M. K. (2025). Microfinance and Sustainable Development: A Socio-Environmental Study of SHGs in Bangalore City. has been published in International Journal of Environmental Sciences, Scopus, Q4, Vol 11, Issue 8s, Page No. 113-121.

9. Nagesha H G, Ranganath Venkatesh Nayaka, Chandrakala V G, Published Impact of Digital Payment System on Society an Empirical Study on Devadurga Taluk in India has been published in Journal of Management and Engineering Sciences, Vol 2, Issue 1, P.No. 57-60

10. SOWMYA, CU, VG CHANDRAKALA, and HG NAGESHA. "STRATEGIC LEADERSHIP DEVELOPMENT IN BENGALURU'S ITS ECOSYSTEM: A FOCUSED STUDY." WORLD 24.3 (2024): 3160-3168.

11. Nath, Y., Kumar, P., & Pradeep, M. P. (2025). Enhancing Customer-Salesperson Relationships: The Role of Salesperson Behavioral Traits and Relational Cohesion in the Banking Sector. Journal of Relationship Marketing, 1–30. https://doi.org/10.1080/15332667.2025.2471666

12. Nath, Y., Kumar, P., & Pradeep, M. P. (2024). Antecedents of rapport and its mediating role on

relational cohesion in patient-physician interaction. *Heliyon*, *10*(7).

FACULTY ACHIEVEMENTS:

1. Dr Pradeep M P has officially certified as a Certified Career Analyst (CCA), accredited by BCPA (India) and ACCPH (UK), through Edumilestones –one of India's most trusted platforms for career guidance and counseling.

2. MBA students, Mr. Hemanth S and Ms. Priya S of II Year, IV Semester, from the Department of Management Studies, JSS Academy of Technical Education, who were guided, mentored and nurtured by Dr. Pradeep, who also happens to be the co-author have brought laurels to our institution by securing the First Prize for Best Paper Presentation along with a cash award of ₹2,500 at ESPOLRO 2025 – the 5th National Conference on Student Research Paper Presentation, held on September 24, 2025. The event was hosted by the Department of MBA, RNS Institute of Technology, and witnessed participation from 35 colleges with a total of 132 research papers presented. Their research work was highly appreciated for its originality, analytical depth, and relevance to emerging trends in management. The department congratulates them on this remarkable achievement and wishes them continued success in their academic and research pursuits.

STUDENT ACHIEVEMENTS (RANK, BE HONORS, HACKATHON,

1. Ms Chandana S P (1JS22BA014) got 5th rank in VTU

STIPEND, INTERNSHIP, PRIZE, CO-CURRICULAR ACTIVITIES)

SL NO	STUDENT NAME	USN	ORGANISATIONS	STIPEND
01	MS. PRIYA &MR HEMANTH		ESPLORO SEASON -5	2500(Prize)
02	ABHISHEK AND PRIYADARSHINI	II semester	Department of MBA, KSSCM college	won III prize (2 wonderla tickets)
03	DIVYA BAI R	1JS23BA024	Intelipaat (STIPEND)	25KPM
04	SONIKA H C	1JS23BA051	Intelipaat(STIPEND)	25KPM
05	VARUN S P	1JS23BA058	Intelipaat(STIPEND)	25KPM

RESULTS:

Batch	Semester	Results
2023-25	III IV	78.95% %
2024-26	I II	81.36% 87.80%

PLACEMENTS:

SL No	Usn	Name	Company	Salary Package
01	1JS23BA024	DIVYA BAI R	Intelipaat	↳LPA
02	1JS23BA051	SONIKA H C	Intelipaat	↳LPA
03	1JS23BA058	VARUN S P	Intelipaat	↳LPA
04	1JS23BA012	BHOOMIKA V	TCS	5.88 LPA

Placements:

SONIKA H C
IJS23BA051
M/s Intellipaat Ltd
CTC: Internship stipend 25K & 9 LPA

BHOOMIKA V
1JS23BA012
M/s TCS
CTC: 5.88 LPA

1. Lakshya: The Leadership Expedition – Empowering Future Leaders

The Department of Management Studies organized "Lakshya: The Leadership Expedition," a dynamic two-day student development program held on 20th and 21st January 2025 for the 2nd year MBA students (Batch 2023-2025). Led by Mr. Vinay S. Patil, Leadership Coach and Founder of SkillFix Consultants Pvt. Ltd., Bengaluru, the program focused on cultivating leadership qualities, critical thinking, emotional intelligence, and team-building skills. Through interactive workshops, real-time problem-solving, and experiential learning, students gained valuable exposure to the practical

dimensions of leadership beyond the classroom. The program successfully bridged academic concepts with industry expectations, receiving enthusiastic participation and positive feedback from students, and stands as a significant step toward holistic management education.

2. PG Inauguration Ceremony – Batch 2024–26

Day 01: PG Inauguration Program

The Department of Management Studies **hosted the inauguration ceremony of the First Year Postgraduate Programmes (MBA, MCA & MTech)** on 8th January 2025. The event was graced by **Mr. Rajesh A, Associate Director – MowE, IIM Calcutta,** as the Chief Guest, and **Dr.BhimasenSoragaon, Principal, JSSATE-B.** Mr. Rajesh inspired the students with his valuable insights on leadership, innovation, and professional growth. The session marked a motivating start for the incoming batch of **2024–2026,** encouraging them to strive for excellence in all aspects of their postgraduate journey.

Day 02: Outbound Activities

On 9th January 2025, the Department, conducted Day 2 of the PG Induction Program with engaging Outbound Training activities. Led by Mr. Raghavendra, Master Trainer from Dhal Media, the session emphasized leadership, communication, and team-building through interactive games. Students participated enthusiastically, fostering strong peer connections and a collaborative learning environment for the incoming batch of 2024–26.

Day 03 (Session 01): Indian Management for Global Effectiveness

On 10th January 2025, the Department organized a thought-provoking session as part of the PG Induction Program, featuring Dr. Suresh N from S-VYASA University on "Indian Management for Global Effectiveness." He emphasized the relevance of Indian ethos in global business, inspiring students to pursue value-based leadership as they begin their academic journey.

Day 03 (Session 2): Wellness Matters: A Session on Mental & Emotional Wellbeing

On 10th January 2025, as part of the PG Induction Program, the Department hosted an insightful session

on "Mental Health, Emotional, Psychological, and Social Wellbeing," conducted by Dr. R Divya, MD Psychiatry, RRMCH. Dr. Divya emphasized the importance of mental and emotional balance, sharing practical strategies to manage stress and build resilience. The interactive session encouraged students to prioritize self-care as they embark on their academic journey, concluding the program on a thoughtful and positive note.

Inspire & Ignite: Guest Lecture Series – Industry Insights in the Classroom
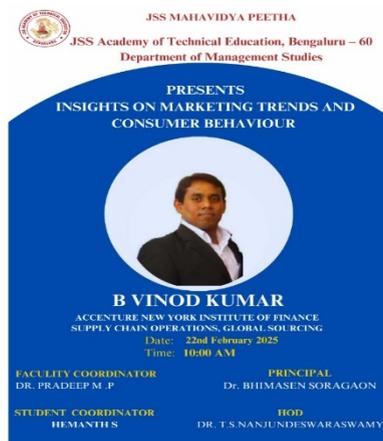
1. Insights on Marketing Trends and Consumer Behaviour

On 22nd February 2025, the Departmentorganized an expert session titled **"Insights on Marketing Trends and Consumer Behaviour"** for MBA students. The session was led by **Mr. B. Vinod Kumar**, an industry expert from **Accenture** and the **New York Institute of Finance**, specializing in Supply Chain Operations and Global Sourcing. Mr. Vinod Kumar provided in-depth perspectives on emerging marketing strategies, shifting consumer behaviour, and the global factors shaping business decisions today. The interactive session offered students valuable real-world insights, enhancing their readiness for strategic roles in the evolving business landscape.

2. Exploring the World of Real-Time Stock Trading

On 4th March 2025, our students attended an enriching session on **Real-Time Stock Trading** led by **Mr. Rajesh Raheja, Zonal Head – South and North East, ICICI Securities.** The session provided hands-on exposure to stock market operations, live trading, and investmentstrategies, bridging academic learning with real-world financial practices. Students gained practical insights into market dynamics and decision-making in volatile conditions.

3. Expert Talk on the Role of AI in the Recruitment Process

On 15th March 2025, the Department organized an expert talk on **"The Role of AI in the Recruitment Process"** by **Mr. Supreeth M. G., Talent Acquisition Specialist at L&T Infotech, Bengaluru.** The session offered valuable insights into AI-driven recruitment, with students actively exploring real-world applications, case studies, and emerging HR technologies.

4. Guest Lecture on Workplace Ethics by Pushpa Vasista

On 15th March 2025, the Department organized a guest lecture on **Workplace Ethics** by **Ms. Pushpa Vasista, Entrepreneur and Founder of Kalegoodu Home and Living.** Drawing from her entrepreneurial journey, Ms. Vasista shared valuable insights on ethics in professional settings, decision-making, and sustainable practices. The highly interactive session saw enthusiastic student participation, reflecting their keen interest in ethical leadership and workplace integrity.

5. Unlocking the Future of Supply Chain

On 5th April 2025, Mr. Manjunath Prasad, Director – Product Management & Customer Success at Winmore, addressed 3rd semester MBA students(2023-25) Batch on **"Introduction to Logistics & Supply Chain: Challenges, Trends & Opportunities."** He shared valuable insights on how modern supply chains are evolving amid global disruptions, digitalization, and shifting customer demands. The interactive session, enriched with real-life examples and scenario-based exercises, offered students a practical understanding of logistics and its strategic importance in today's business landscape.

6. From Classroom to Corporate: Essential Communication Tools for the Modern

Workplace

On 22nd April 2025, the Department organized an interactive session on **"From Classroom to Corporate: Essential Communication Tools for the Modern Workplace,"** led by **Ms. Dhavana B. S., Executive in Global Semiconductor Procurement & Supply Chain at Mercedes-Benz.** The session focused on workplace communication essentials, including email etiquette, virtual collaboration, presentation skills, and cross-cultural communication. Through role plays and real-life corporate scenarios, students gained practical insights to enhance their professional readiness.

7. Industry Expert Talk on Bank Reconciliation Statement

An expert talk on **Bank Reconciliation Statement (BRS)** was conducted on 15th March 2025, led by **Mr. Ajay Kumar,** a seasoned financial expert with 16 years of industry experience across Software, IT, Hospitality, and emerging ventures. The session provided valuable insights into the significance, process, and practical applications of BRS in corporate financial management. Mr. Kumar emphasized the importance of regular reconciliation for maintaining financial accuracy and discipline, equipping students with essential real-world financial practices.

Budget in Focus: Live Streaming & Economic Discussion 2025-26

On 1st February 2025, the Department organized a **live streaming session of the Union Budget 2025-26**. The session aimed to enhance students' understanding of India's economic framework, fiscal policies, and government priorities. Students actively engaged by taking notes and participating in post-session discussions, gaining valuable insights and sharpening their real-time economic analysis skills.

Empowering with Excel: Practical Training for 2nd Year MBA's

The Department of Management Studies organized a **30-hour Advanced Excel Training Program** for 2nd year MBA students, conducted by **Ambition Inc., Bengaluru** from 8th February to 22nd March 2025 on weekends. The program focused on advanced data analysis, spreadsheet modelling, and automation techniques using Excel, with hands-on sessions covering formulas, pivot tables, dashboards, macros, and financial modelling. An assessment was conducted, and students who successfully completed the training were awarded certificates of achievement. The program provided a practical learning experience, significantly enhancing students' analytical skills and industry readiness.

Faculty Leadership Development Program: Skill Sprout

The Department of Management Studies organized the Faculty Leadership Development Program: Skill Sprout from 9th–10th, 13th, and 15th–16th January 2025, covering 161 teaching staff across three batches.Led by Mr. Vinay Patil, Leadership Coach and Founder of Skillfix, the program focused on enhancing leadership, innovation, effective communication, and modern teaching strategies to foster student engagement and academic excellence.

Unlocking Opportunities: MoU Signed

Empowering Digital Futures: MoU Signed with HiveMindsPvt. Ltd.

On 4th April 2025, the Department of Management Studies, JSSATE Bengaluru, signed an **MoU with M/s. HiveMindsPvt. Ltd.,** a unit of Madison World, to offer digital marketing training and workshops for MBA students. The partnership aims to enhance industry readiness through hands-on learning and expert-led sessions. **Dr. Pradeep M. P., Associate Professor** has been appointed as the coordinator to oversee the initiative, strengthening the department's industry-academia connect.

Industrial Visits

Industrial Visit to HiveMinds Innovative Market Solutions Pvt Ltd

On 5th June 2025, the Department, organized an industrial visit to **HiveMinds Innovative Market Solutions Pvt. Ltd.,** at Global Tech Park, Bengaluru, for first-year MBA students (Batch 2024–2026). The visit offered valuable exposure to performance analytics, data-driven decision-making, and strategic digital marketing in practice. It provided students with meaningful industry interaction and deeper insights into real-world business operations, effectively bridging classroom learning with industry experience.

Industrial Visit to Wildcraft India Pvt. Ltd.

On 5th March 2025, the Department organized an industrial visit to **Wildcraft India Pvt. Ltd.,** Bengaluru, for 3rd semester MBA students. The visit offered valuable exposure to manufacturing, supply chain, and operations management, with students actively engaging in discussions on brand strategy and real-world business practices. This hands-on learning experience effectively bridged classroom concepts with industry application.

From Theory to Trade: Investment Banking Workshop

Workshop on Investment Banking Operations

On 25th June 2025, the Department organized a guest lecture on **Investment Banking** featuring **Mr. Maheshwar Narayanan** from Imarticus Learning. Drawing from his extensive experience in banking compliance and operational management, Mr. Narayanan shared key insights on investment banking concepts, industry trends, and career opportunities. The session bridged academic learning with industry practices, providing students with valuable real-world perspectives and essential skills for the sector.

Product Mania: Spot the Real, Beat the Fake
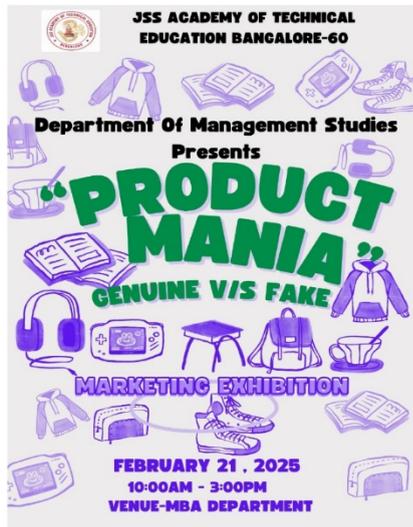
On 21st February 2025, the Department of Management Studies, JSSATE Bengaluru, organized **"Product Mania"** to promote awareness on brand authenticity and counterfeit goods. MBA students set up over 50 stalls showcasing original and imitation products, creating a fun, hands-on learning experience that emphasized smart consumer choices and market awareness.

Potluck Gathering: A Taste of Togetherness

On 22nd January 2025, the MBA Department hosted a **Potluck Gathering** that brought together students, faculty, and staff in a joyful celebration of community and culture. The event featured a diverse culinary spread, storytelling, and lively bonding, creating an atmosphere of warmth and camaraderie. It beautifully reflected the department's commitment to holistic and inclusive learning beyond the classroom.

# Think. Learn. Lead: Inauguration of the Knowledge Club

On 22nd January 2025, the Department of Management Studies proudly inaugurated the **Knowledge Club**, a platform to foster intellectual curiosity, innovation, and lifelong learning. The event featured a dynamic keynote by **Mr. Vinay Patil**, popularly known as the **"Josh Machine"** who inspired students to pursue self-driven learning and stay attuned to global trends. The Knowledge Club aims to become a vibrant hub for discussion, discovery, and continuous growth, supporting the department's vision of holistic education.

Saraswathi Pooja Celebration: Embracing Wisdom Through Tradition
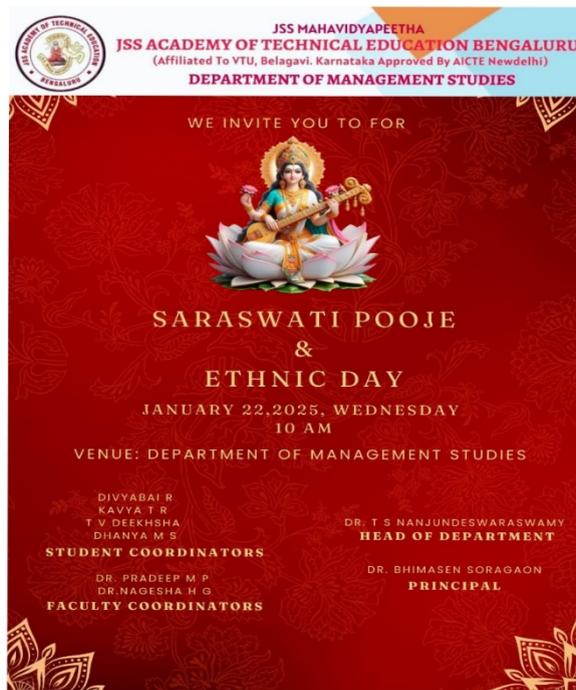
On 22nd January 2025, the Department of Management Studies celebrated **Saraswathi Pooja** with devotion and cultural vibrance, honouring the Goddess of Knowledge. The pooja, inaugurated by **Mr. Vinay Patil**, saw enthusiastic participation from Faculty Members, Students, and Staff. Traditional rituals and cultural performances created a serene and festive atmosphere, reflecting the department's commitment to holistic development by blending tradition with academic life.

The Spark of New Beginnings: Freshers' Day Celebration of 2024-2026 Batch
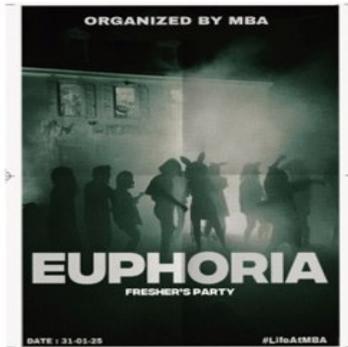
On 31st January 2025, the Department of Management Studies hosted a vibrant **Freshers' Day celebration**, organized by 2nd year MBA students to warmly welcome the MBA Batch of 2024–2026. The event featured ice-breakers, games, cultural performances, and lively interactions that fostered a sense of belonging and joy. It beautifully reflected the spirit of unity, leadership, and hospitality within the MBA community.
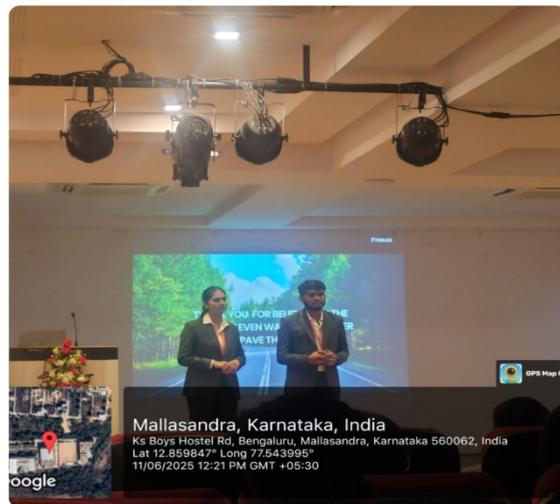
Champions Among Us: Students Achievements

Priyadarshini V and Abhishek J, 1st year MBA students, showcased their entrepreneurial skills by securing **third place** at the Inter-college Business Plan Competition organized by **K. S. School of Engineering and Management (KSSEM).** After attending a preparatory workshop on business plan development, they impressed judges with their well-structured proposal and strong presentation. Their achievement reflects the spirit of innovation, teamwork, and practical learning fostered by the department.

2.Ms. Chandana S P, USN: 1JS22BA014, (2022-24) Batch secured 5th Rank in VTU Exams.

DEPARTMENT OF MASTER OF COMPUTER APPLICATIONS (MCA)

ABOUT THE DEPARTMENT

JSS Academy of Technical Education, Bengaluru offers Master of Computer Applications program (MCA) from the academic year 2022-23. The institute is approved by AICTE, affiliated to VTU, Belagavi and is recognized by Govt. of Karnataka. The institute is equipped with state-of-the-art infrastructure and computing facilities. The current intake of the MCA program is 60 and the duration is two years (Four Semesters). The curriculum, designed by VTU, is aimed at broadcasting a wide spectrum of practice and knowledge in the computing domain in the latest and emerging technologies. The Department of MCA inculcates innovative teaching-learning methods, and Outcome Based Education (OBE) to enable students to become intellectual but competent professionals to meet global challenges.

VISION, MISSION OF THE   DEPARTMENT

    VISION

- To be an esteemed academic and research department by imparting Quality Education to build competent professionals and entrepreneurs.

    MISSION

- Adopt novel methodologies in the teaching-learning process for quality education through experiential learning.

- Promote research and development activities, leading to publications, patents and start-ups.

- Inculcate ethical values and leadership qualities among the students for a better society

FACULTY DETAILS WITH PHOTOGRAPH (DESIGNATION, DEGREE, TOTAL EXP)

Sl. No	Name	Designation	Photo	Degree	Total Exp
1	Dr. Rohitaksha K	Associate Professor, HOD		B.E, M.Tech, PhD	14 Years
2	Dr. Jayasimha S R	Associate Professor		MCA, M.Tech, PhD	13 Years
3	Ms. Komala H S	Assistant Professor		MCA	02 Years

4	Ms. Monisha B	Assistant Professor		MCA	11 Years
5	Mrs. Megha S A	Assistant Professor		MCA	02 Years
6	Mrs. C M Amrutha	Assistant Professor		MCA	05 Years

NON TEACHING FACULTY DETAILS WITH PHOTOGRAPH (DESIGNATION,DEGREE,TOTAL EXP)

Sl. No	Name	Designation	Photo	Degree	Total Exp
1	Ms. Kavya N	Instructor		DCS, B.Sc.(BE , CSE)	9 Years
2	Mr. Mahadevaswmay M	Helper		DEC	14Years
3	Mr. Mahadevaprasad G S	Instructor		DEE	08 Years

NUMBER OF STUDENTS ON ROLL:

TOTAL: **51**
GIRLS: **28**
BOYS: **23**

RESEARCH PUBLICATIONS/CONSULTANCY/PATENTS/FUNDED PROJECTS

🔶 Jayasimha S R, Rohitaksha K, published a paper title "Automated Application Development using Kubernetes in Cloud" publisher: Library Progress International September 2024, Vol.44, No.3, PP3443-3450, ISSN: 09701052, Q4 Scopus Publication. (Not yet Indexed in Scopus)

🔶 Jayasimha S R, published a paper title "Mobile Agent Communication in the Cloud Data Center" publisher "Journal of Computational Analysis and Applications October 2024, Vol. 33, No. 7, 2024, PP137-144, ISSN: 1572-9206, Q4 Scopus Publication. (Not yet Indexed in Scopus)

🔶 Aravindra Prasad , Rohitaksha K, Abhilash C B, Shashank Dhananjaya (2024) Stable Diffusion Image Processing. Library Progress International, 44(3), 5917-5925

🔶 Mrs. Meegha S A"Deep Mole Cancer Detection using Convolutional neural network(CNN) Model" at 8th international conference on Computational Systems and Information Technology for sustainable solutions(CSITSS) held from 7th to 9th nov,2024.

🔶 Dr. Jayasimha S R, published book titled "Energy Efficient Algorithms: Cloud Approach" with publisher LAMBERT Academic Publishing, agreement copy received Isbn: 978-620-8-06514-0 on 4th September 2024. (Waiting for publication).

FACULTY ACHIEVEMENTS

🔶 Dr. Jayasimha S R invited as reviewer to review research papers at African Journal of Biomedical Research, Q-4 Scopus indexed Journal on 28th November 2024.

🔶 Dr. Jayasimha S R served as reviewer for 8th IEEE International Conference on Computational Systems & Information Technology for Sustainable Solutions (CSITSS) conference, held from 7th to 9th November, 2024 at RV College of Engineering, Bengaluru.

🔶 Dr. Jayasimha S R invited as BoE member to scrutinize PG-MCA question papers at Bangalore University on 4th October 2024.

🔶 Dr. Jayasimha S R invited as resource person to conduct one day hands on workshop on "Cloud Computing AWS Services" for MCA 2nd Semester Students at Sri. M. S. Ramaiah Navkis College of Engineering, Hasan on 28th September 2024.

🔶 Dr. Jayasimha S R invited as resource person session speaker topic" Artificial Intelligence: Current Trends & Future Possibilities" for an induction programme held at APS Evening College on 13th August 2024.

🔶 Dr. Rohitaksha K was appointed as the member of Board of Examiners for MCA board for the Year 2023 – 2024 from VTU.

🔶 Dr. Rohitaksha K was appointed as the member of Board of Studies for MCA board for the Year 2023 – 2024 from JSS University, Noida.

🔶 KSCST- Student Project Proposal: SMART DRIP IRRIGATION SYSTEM USING IOT Sanctioned Amount: (in Rs.)5,000.00. Guide Ms. Komala H S

STUDENT ACHIEVEMENTS (RANK, BE HONORS, HACKATHON, STIPEND, INTERNSHIP, PRIZE, CO- CURRICULAR ACTIVITIES)

RESULTS:

Sl. No	Semester		Results
1	ODD	I	93.33 %
2		III	98.33 %
3	EVEN	II	91.52 %
4		IV	100 %

Placement Details 2025-26

Sl. No.	Name	USN	Company Name	On Campus/ Off Campus
1	Deepak K	1JS23MC010	TCS	On Campus
2	Lokesh S	1JS23MC028	TCS	On Campus
3	Shrey B S	1JS23MC051	TCS	On Campus

## Events/Seminars/FDP/SDP/Conference/Technical talks organized (SHORT REPORT WITH PHOTOGRAPHS)

🔶 Conducted Technical Talk on "Industry Trends Insights" for MCA 2nd semester Students on 8th August 2024 Resource person: Abhishek B V Senior Security Analyst IBM, Bengaluru. Coordinator: Dr. Jayasimha S R.

🔶 Conducted Technical Talk on Pre-Placement Preparation for MCA 2nd semester Students on 13th September 2024. Resource Persons: Mr. Yathish L, Analyst, Eli Lilly, Mr. Harsha K S, Automation Engineer, Apple India, Coordinator: Dr. Jayasimha S R.

🔶 Ms. Komala H S, Conducted One-day Hands on Workshop on 'AWS and DevOps' for 2nd semester MCA students on 03/08/2024. Resource Person: Mr. Vinay Raj H S, Senior Software Engineer at Walmart Labs India.

🔶 Mrs. Megha S A Coordinated to conduct session on "Student Development Program on Node JS" for 1st Semester MCA Students on 23.3.2024, Resource Person: Deepan Kumar , Team Lead, Aquera Labs India Pvt Ltd, Bengaluru.

🔶 Mrs. Megha S A Coordinated to conduct Webinar on "Drafting Technical Article for publication" for 1stand 2nd Semester MCA Students on 4.5.2024, Resource Person: Dr.Kumar, Editor-in-chief, IJIRSET group of journals.
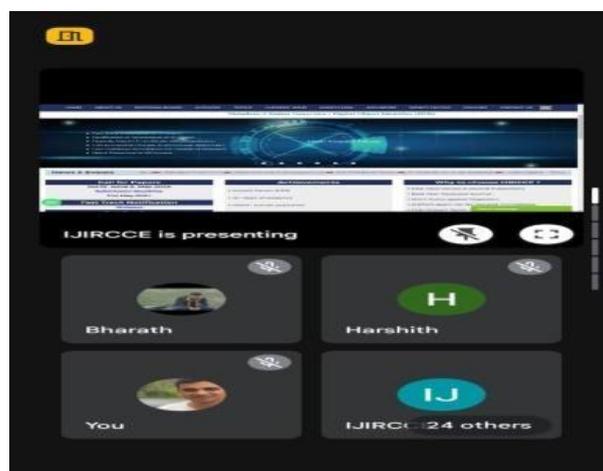
- Mrs. Megha S A Coordinated to conduct session on "Crafting ideas to project, publications and patent for 2nd Semester MCA Students on 06.02.2024, Resource Person: Praveen D Founder &CTO Dyashin technosoft pvt limited AND Madan K S technosoft pvt limited CEO Dyashin technosoft pvt limited.
- Mrs. Mega S A Coordinated to conduct Webinar on "Building Interactive Webpage, SMS & Content Provider Apps in Android"" for 1st Semester MCA Students on 27.9.2024 ,Resource Person: Dr.Ranjith .J Assistant Professor, Dept of ISE, SJB Institute of Technology
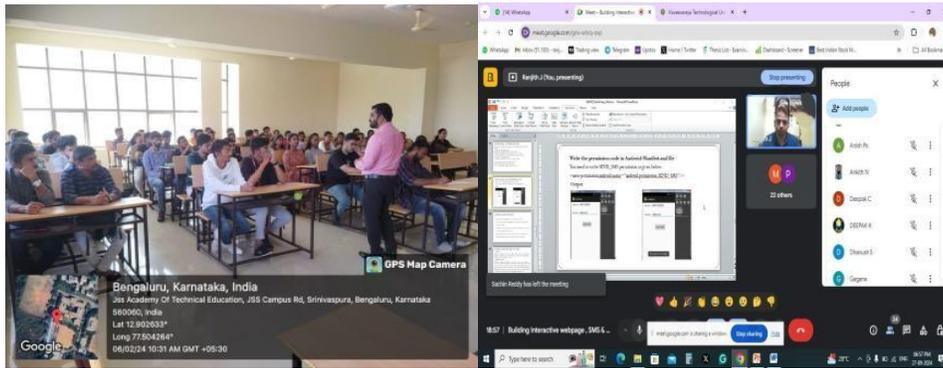
Industry Institute Collaboration & Networking

Laerdal Bangalore LLP – India
GoCybex
DyashinTechnosoft

DEPARTMENT OF SPORTS

JSS Academy of Technical Education, Bengaluru has been giving equa limportance to both Curricular, Co-curricular and extra curricular activities.To encourage the students to participate in sports activities, the institute has created all the necessary sports facilities. Department of Physical Education and sports was started in the year 1997 aims at all round development of the students' personality through sports activities. Our college Sports department has been organizing many sports events such as VTU Inter collegiate, Bengaluru South Zone Cricket Tournaments, Inter-zone sports events. Karnataka State Cricket Association (KSCA), Bangalore has recognized our college cricket ground as one of the best turf cricket grounds in Karnataka. Our college sports department has been conducting series of cricket matches which include Division matches, Women's' Matches, Zonal Matches for Under14, 16, 19, etc. throughout the year in association with KSCA.

Staff Details

Sl.No.	Name	Qualification	Experience
1	Mr.Janeeswar Prasad Sports Secretary	MBA	12Years
2	Mr.Shivananda H.B Physical Education Instructor grade-1	M.PEd. M.Phil.	17Years
3	Mr.Nandeesh G Sports/Technical Helper	ITI (Diploma)	04Years

List of events organized by Physical Education and Sports Department for the

Academic year 2024-25

Table: 01, Event Organized

Sl. No	Date of Event	Event Type	Organizer Details	No's of Team Participated
1	13th & 14th February 2024	VTU Inter collegiate Bengaluru South division Women Throw Ball Tournament	JSSATE Bengaluru	12 Team Participated
2	10th & 11th June 2024	VTU Inter collegiate Bengaluru division Men lawn Tennis Tournament	JSSATE Bengaluru	07 Team Participated
3	16th to 24th November 2024	South zone inter University men Tennis coaching camp.	JSSATE Bengaluru	05 participants

Table: 02, Students Participation

Date: 12.11.2025

Report 1st Mach-2024 to 30th July -2025

Sl.No	Date of Event	Event Type	Organizer Details	No's of teams Participants & Result Detail
1	13th & 14th Feb 2024	Successfully Hosted VTU Inter Collegiate Bengaluru South Division Women Throwball Tournament, at JSSATE Bengaluru.	JSSATE Bengaluru	Throwball Women team Lost in quarterfinals
2 2	22ND & 23RD MAY 2024	VTU Inter Collegiate Bengaluru South Division level s Men Foot Ball Tournament	T-JOHN I T Bengaluru	16 TEAMS Our College Men FOOT Ball Team Successfully participated but unfortunately lost during in **Semifinals round.**
3	31st MAY 2024	VTU Inter Collegiate Bengaluru South Division level s Men Hockey Tournament	SSCE,Anekal Bengaluru South	05 TEAMS Our College Men HOCKEY Team Successfully participated but unfortunately lost during in **Semifinals round.**
4	10th &11th June 2024	VTU Inter Collegiate Bengaluru South Division level s Men Lawn Tennis Tournament	JSSATE Bengaluru	07 TEAMS Our College Men Lawn Tennis Team Successfully participated but unfortunately lost during in **quarter finals round.**
5	26th to 29th June 2024	VTU Inter Collegiate state level Men & Women Athletic Championship 2023-24	VTU Reginal center Mysuru	153 colleges Our College Men & Women athlets all are Successfully Participated 1.Sumanth 4th sem ISE 20000 mtr walk tap 8th place 2.pranaam 4th sem ECE 10000 Mts & 5000Mts run tap 15 & 22 respectively

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6	2nd & 3rd July 2024	VTU Inter Collegiate Bengaluru South Division level s Men & Women Table Tennis Tournament	SJBIT Bengaluru	M -13Team W-05Teams JSSATEB (Men & Women) Table Tennis Team **Got a 2nd place** at VTU Inter Colligate Bangalore South Division Table Tennis level (on the date of 2nd July 2024, SJBIT College, Bangalore) and **Qualified for State Level Table Tennis Tournament.**
7	8th & 9th July 2024	VTU Inter Collegiate Bengaluru South Division level s Men & Women Shuttle Badminton Tournament	RVITM Bengaluru	M -15Team W-13Teams JSSATEB (Men & Women) Shuttle Badminton team Successfully participated but unfortunately men Badminton team lost during in Quarter finals round. Women Badminton team lost during in Semifinals round **(goldan pints)** at VTU Inter Colligate Bangalore South Division level
8	16th & 17th July 2024	VTU Inter Collegiate Bengaluru Division level s Men & Women Chess Tournament	BMSCE Bengaluru	M -36 Teams W-24Teams JSSATEB Women Chess Team **Got a 4th place** & Qualified for State Level Tournament JSSATEB Men Chess Team Successfully participated and do the good effort men Chess Team Got a tap 15th position
9	18th & 20th July 2024	VTU Inter Collegiatestate State Level Men & Women Chess Copetitution Com Section Traials	BMSCE Bengaluru	W-14 Teams JSSATEB Women Chess Team **Got a tap 11th position**
10	18th & 19th July 2024	VTU Inter –Collegiate State Level Men & Women Table Tennis Tournament and VTU Team Section Traials	VVCE Mysuru	M -16 Teams W- 16 Team JSSATEB Womn Table Tennis Team not participated durirng annual exames JSSATEB Men Table Tennis Team Successfully participated and lost in Quarter finals round.
11	19th July 2024	VTU Inter –Collegiate State Level Men & Women Table Tennis Tournament and VTU Team Section Traials	VVCE Mysuru	Aniketh K Murthy 4th Sem CSE (1JS22CS021) he has been attended Section Traials and do the good effort.
12	19th July 2024	VTU Inter Collegiatestate State Level Men & Women VTU Team Section Traials	BMSCE Bengaluru	64 Participants PRETHAM P 4th sem ECE (1JS22EC104) he attended Section Traials and he **Got a Top 12th position**

13	23rd &24th September 2024	VTU Inter Collegiate State Level Men & Women Yoga competition com Selection trails at Akshyaya Institute of Technology Tumkur, Karnataka.	Akshaya Institute of Technology Tumkur Karnataka.	Scores of the players were 1.**Vaishnavi MN(1JS23EC170) 3rd Sem EC -239** 2.**Meghana L (1JS23EC077) 3rd Sem EC -220.5** 3.**PayalKhatokar(1JS23EC077) 3rd Sem EC -197.5** 4.**Sanjana Salimath(1JS23IS146) 3rd Sem IS -189.5** 5.**Venugopal V H(1JS24IS1314) 3rd Sem IS -230.**
14	26th September 2024	VTU Inter Collegiate State Level Men & Women Karate competition com Selection trails at Bengaluru Institute of Technology, Bengaluru.	Bengaluru Institute of TechnologyBengaluru.	**Prazwal N 1st Sem CIVIL he got a 4th place**
15	23rd &24th September 2024	VTU Inter Collegiate State Level Men & Women Yoga competition com Selection trails at Akshyaya Institute of Technology Tumkur, Karnataka.	Akshaya Institute of Technology Tumkur Karnataka.	Scores of the players were 1.**Vaishnavi MN(1JS23EC170) 3rd Sem EC -239** 2.**Meghana L (1JS23EC077) 3rd Sem EC -220.5** 3.**PayalKhatokar(1JS23EC077) 3rd Sem EC -197.5** 4.**Sanjana Salimath(1JS23IS146) 3rd Sem IS -189.5** 5.**Venugopal V H(1JS24IS1314) 3rd Sem IS -230.**
16	26th September 2024	VTU Inter Collegiate State Level Men & Women Karate competition com Selection trails at Bengaluru Institute of Technology, Bengaluru.	Bengaluru Institute of TechnologyBengaluru.	**Prazwal N 1st Sem CIVIL he got a 4th place**
17	5th to 7th October 2024	VTU Inter Collegiate Bengaluru Division Men Kho-Kho Tournament at RRCE, Bengaluru.	RRCE Bengaluru.	***** Our college Men Kho-Kho Lost in quarterfinals round**.**
18	8th to 9th October 2024	VTU Inter Collegiate Bengaluru Division Women Volley ball Tournament at GAT, Bengaluru.	GAT Bengaluru.	***** Our college Women Volley ball Lost in semifinals rounds**.**
19	17th & 18th October 2024	VTU Inter Collegiate Bengaluru Division Men Basket ball Tournament at T-JIT, Bengaluru.	T-JIT Bengaluru.	***** Our college Men Basket ball Lost in quarterfinals round**.**
20	19th October 2024	VTU Inter Collegiate Bengalur Division Men Kabaddi Tournament at Sai Ram CE Anekal , Bengaluru.	Sai Ram CE Anekal Bengaluru.	***** Our college Men Kabaddi Lost in quarterfinals round**.**

21	4th to 7thNovember 2024	VTU Inter Collegiate Bengaluru Division Men Cricket Tournament at SJBIT, Bengaluru.	SJBIT Bengaluru.	*** Our college Men Cricket Team won the runner- up trophy (IInd place) and Cricket team has been qualified for state level tournament.**
22	5th&6thNovember 2024	VTU Inter Collegiate Bengaluru Division Women Basket ball Tournament at RVITM, Bengaluru.	RVITM, Bengaluru.	***** Our college Women Basket ball Lost in quarterfinals round**.**
23	11th to13th November 2024	State Level Cricket Cricket Tournament at JSS UNIVERSITY Campus Mysuru	JSS UNIVERSITY Mysuru	*** Our college Men Cricket Team won the runner- up trophy (IInd place) .**
24	22nd and 23rd November 2024	VTU Inter Collegiate Bengaluru Division Men Volley ball Tournament at ACSCE, Bengaluru	ACSCE, Bengaluru	**Our college Men Volley Ball Team lost in Semifinals round.**
25	26th November 2024	BMSCE KREEDOTSAV -2024	BMSCE Bengaluru	Our College Men Lawn Tennis Team Successfully participated but unfortunately lost during in **quarter finals round.**
26	28th November 2024 to 2nd December 2024	VTU Inter Collegiate State Level Cricket Tournament at NMAMIT Nitte.	NMAMIT Nitte.	Our college Men Cricket Team Lost in quarterfinals round**.**
27	15th to 18th March-2025	VTU Inter Collegiate State Level M&W Athletic Meet.2024-25held at JNNCE, Shivamogga	JNNCE, Shivamogga	Our College Men &Women Athletes Successfully participated but unfortunately lost during in **finals rounds.**
28	02ND & 03RD April- 2025	VTU Inter Collegiate Bengaluru South Division level Men Foot Ball Tournament	T-JOHN I T Bengaluru	18 TEAMS Our College Men FOOT Ball Team Successfully participated but unfortunately lost during in **Semifinals round.**
29	4th to 11th April- 2025	VTU Inter Collegiate Bengaluru Division Men Cricket Tournament at DBIT, Bengaluru.	DBIT Bengaluru.	* Our college Men Cricket. Team Successfully participated but unfortunately lost during in **Semifinals round.**
30	11th to 12th April- 2025	VTU Inter Collegiate Bengaluru South Division Men Kabaddi Tournament at DSCE, Bengaluru.	DSCE Bengaluru.	* Our college Men Kabaddi Team Successfully participated but unfortunately lost during in quarterfinals**.**
31		VTU Inter Collegiate State Level Men &Women Taekwondo Champion ship.	BIT Bengaluru.	* Our college student of Umesh Chowdary 6th Sem ECE 2nd place at VTU State Level Men &Women Taekwondo champion ship

32	22nd & 23rd April- 2025	VTU Inter Collegiate Bengaluru South Division Men Volley Ball Tournament at SJBIT, Bengaluru.	SJBIT Bengaluru.	* Our college Men Volley Ball. Team Successfully participated but unfortunately lost during in **Semifinals round.**
33	28th & 29th April- 2025	VTU Inter Collegiate Bengaluru South Division Women Volley Ball Tournament at RRCE, Bengaluru.	RRCE Bengaluru.	* Our college Women Volley Ball Lost in quarterfinals round.
34	29th & 30th April- 2025	VTU Inter Collegiate Bengaluru Division Men Kho-Kho Tournament at GAT, Bengaluru.	GAT Bengaluru.	* Our college Men Kho-Kho Lost in quarterfinals round.

No of activities: 60

Title: World Environment Day

Date: 5th June 2024

No of Participants: 17 NSS Volunteers and NSS Programme Officer

Place: JSSATE, Bengaluru

Report:

In celebration of World Environment Day on 5th June 2024, the NSS Unit of JSSATEB, organized a Seed Sowing Activity within the campus. The event aimed to promote environmental sustainability and raise awareness about the importance of forestation. About 17 NSS volunteers actively participated in the seed sowing process under the guidance of Dr. Girish N, NSS Programme Officer. 500 Indian Beech Tree seeds were successfully planted in the JSSATEB campus

Title: International Yoga Day

Date: 21st June 2024

No of Participants: About 30 students and Staff

Place: JSSATEB Campus

Report:

On the occasion of International Yoga Day, the NSS and Youth Red Cross Units of JSSATE, Bengaluru, organized a yoga demonstration on 21.06.2024 in association with Sri Jaya Saraswati Yoga Institute. Sri Karthik Guruji from Sri Jaya Saraswati Yoga Institute conducted a yoga session and highlighted the benefits of each yoga posture. Dr. Bhimasen Soragaon, Principal, Sri Veeresh C S, Administrative Officer, Dr. Mahesh Kumar, Dean of Student Welfare, felicitated Sri Karthik Guruji. The program was coordinated by Dr. Girish N, NSS Programme Officer and Dr. Manjunath Talwar, Associate Professor, CSE Department. Breakfast was served to all the participants after the event.

JSS MAHAVIDYAPEETHA
JSS ACADEMY OF TECHNICAL EDUCATION
BENGALURU-560060

The NSS volunteers Ashwini Krishnaji Rao and Bhavya J from JSSATE, Bengaluru, have represented VTU in the "State Level NSS Yuvajanothsava 2024", organized by Davanagere University from June 15th to 19th, 2024. Ashwini Krishnaji Rao secured first place in the debate competition and Bhavya J won second place in the quiz competition.

Congratulations to the NSS Volunteers.

Dr. Girish N
NSS Programme Officer

Dr. D Mahesh Kumar
Dean Student Welfare

Dr. Bhimasen Soragaon
Principal

Title: International Day Against Drug Abuse and Illicit Trafficking
Date: 26th June 2024
No of Participants: About 2000 students and staff members
Place: JSSATE Bengaluru.

Report:

On the occasion of International Day Against Drug Abuse and Illicit Trafficking, the National Service Scheme (NSS) Unit of JSS Academy of Technical Education, Bangalore (JSSATEB) organized a pledge-taking event on June 26, 2024, at the JSSATEB Campus. The objective of the event is to raise awareness about the ill effects of drugs and encourage students to take action against this societal issue.

About 2000 students and staff members took the pledge: "Say No to Drugs and Yes to Life". Students acquired a sense of satisfaction in spreading awareness about drugs.

Title: NSS Camp
Date: 1ˢᵗ and 2ⁿᵈ July 2024
No of Participants: About 42 students and the NSS Programme Officer
Place: Govt PU College, Kaggalipura, Kanakapura Road, Bengaluru.

Report:

The National Service Scheme Unit of JSS Academy of Technical Education, Bengaluru, organized a two-day NSS Camp on the 1st and 2nd of July 2024 at Government PU College, Kaggalipura, Bengaluru. The event was held with the support of the Department of Electronics and Instrumentation Engineering (EIE), JSSATEB, as part of the NSS subject for 6th-semester students.

Title: Dengue Awareness Walkathon
Date: 23ʳᵈ July 2024
No of Participants: About 240 students and the NSS Programme Officer
Place: Ganakal Village, Srinivasapura, Bengaluru.

Report:

The National Service Scheme Unit of JSSATE Bengaluru organized a Walkathon to raise awareness about Dengue Fever on 23rd July 2024 in Ganakal village, Srinivaspura, Bengaluru. About 240 NSS students participated in the walkathon under the guidance of Dr. Girish N, NSS Programme Officer. The awareness about Dengue fever, precautionary measures to be taken to eliminate it, and the importance of cleanliness around home and workplaces was raised by chanting of slogans and displaying the placards.

Title: Space Start-up Pitching Competition
Date: 2nd August 2024
No of Participants: 5 students and the NSS Programme Officer
Place: ISRO HQ Auditorium, Antariksh Bhawan, New BEL Road, Bengaluru-560 094

Report:
The New Space India Limited (NSIL), a Govt. of India Company under Dept. of Space and the commercial arm of the Indian Space Research Organization (ISRO) celebrated National Space Day-2024 on 02 August 2024 at ISRO HQ Auditorium, Antariksh Bhawan, New BEL Road, Bengaluru-560 094. The NSIL organized a Space Start-Up Pitch Competition for Engineering College students in association with ISRO. Our five students, Gyanaranjan Swain (1JS23EC041), Gagan M (1JS23EC037), Tejas S (1JS22EI049), Nagashree D S (1JS22CS096), and Pallavi Jha (1JS22CS104) presented the Space Start-up idea the "Stellar Sweep" under the guidance of Dr. Girish N, NSS Programme Officer at Antariksh Bhawan, ISRO Headquarters, Bengaluru on 2nd August 2024 and won the first prize. Dr. S. Somanath, Chairman, of ISRO, presented the certificates and trophies to the winners.

Title: Anti-ragging Day
Date: 12th August 2024
No of Participants: About 200 students and staff members
Place: JSSATE Bengaluru.

Report:

On 12th August 2024, the NSS Unit and Anti-Ragging Committee of JSS Academy of Technical Education, Bengaluru, conducted a Pledge-Taking Ceremony as part of Anti-Ragging Awareness Week. About 200 students and staff members took the Anti-Ragging Day pledge. This program commenced with an introductory speech by Dr. Girish N, NSS Programme Officer on Anti Ragging Awareness Week, describing the ill effects of ragging on the well-being of students and what kind of atmosphere should prevail on the campus. Dr. D Mahesh Kumar, Dean of Students Welfare advised students to know the consequences of the ragging.

Title: Telescope Making Workshop
Date: 22nd August 2024
No of Participants: About 20 school students and staff members
Place: JSSATE Bengaluru.

Report:

As part of the National Space Day celebration, the NSS Unit of JSSATEB, organized a telescope-making workshop on the 22nd of August 2024. The event was held at the Physics Lab from 2.00 to 4.00 pm. The resource person for the workshop was Dr. Shashidhar R, Associate Professor and Head of the Department of Physics, JSSATE, Bengaluru. Dr. Shashidhar R, an expert in the field, provided hands-on guidance to the participants, sharing his knowledge on telescope construction and its applications in space observation. The workshop saw enthusiastic participation from students of JSS School, Ganakal.
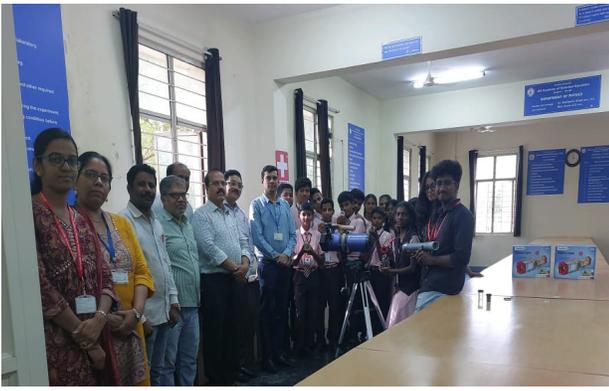
Title: Medical Checkup Camp
Date: 10th March 2025
No of Participants: 300 students and Staff members
Place: JSSATE, Bengaluru

Report:

The NSS and YRC Units of JSSATE, Bengaluru, successfully organized a **Medical Checkup Camp** on the **10th of March 2025** in association with **Clove Dental under the guidance of Dr. Girish N, NSS Programme Officer.** The camp aimed to promote **preventive healthcare practices** and enhance health awareness among students and staff members.During the camp, **about 300 participants** benefitted from comprehensive health checkups.

Title: Swachh Bharat Awareness Walkathon
Date: 5th October 2024
No of Participants: About 45 NSS volunteers
Place: Ganakal Village, Srinivaspura, Bengaluru.

Report:

On the 5th of October 2024, JSS Academy of Technical Education, Bengaluru, organized a Swachh Bharat Awareness Walkathon at Ganakal village, Srinivasapura, Bengaluru, to raise awareness about cleanliness and hygiene among the local community. The event was conducted as part of the Swachhata Hi Seva Campaign, to promote a clean and healthy environment. About 45 NSS volunteers from JSSATEB enthusiastically participated in the walkathon under the guidance of Dr. Girish N, NSS Programme Officer, spreading the message of maintaining cleanliness in public spaces, proper waste disposal, and the importance of hygiene in daily life. The volunteers interacted with the residents of Ganakal village and encouraged them to adopt sustainable practices for a cleaner village.

Title: National Unity Day Run
Date: 30th of October 2024
No of Participants: About 300 students and NSS Programme Officer
Place: Ganakal Village, Bengaluru to JSSATEB

Report:

On 30th October 2024, JSS Academy of Technical Education (JSSATE), Bengaluru, celebrated National Unity Day in honor of Sardar Vallabhbhai Patel's birth anniversary, promoting the spirit of unity and integrity among students and the community. As part of the celebrations, the institution organized a National Unity Run from Ganakal Village to the JSSATE campus. Approximately 300 NSS volunteers participated in this 2-kilometer run, led by the NSS Programme Officer Dr. Girish N.

Title: Eco-friendly paper bag making
Date: 15th to 21st November 2024
No of Participants: About 400 students
Place: JSSATE Bengaluru.

Report:

The NSS Unit of JSSATEB successfully organized an eco-friendly initiative to create paper bags from old newspapers from 15th to 21st November 2024. Under the guidance of Dr. Girish N, NSS Programme Officer, volunteers actively participated in this drive and produced approximately 13,000 paper bags. The paper bags were distributed to vendors at the Kadalekayi Parishe (Groundnut Fair) in Basavanagudi, Bengaluru, on the 23rd and 24th of November 2024. This initiative aimed to promote sustainable practices and reduce the use of single-use plastic among the vendors. The activity not only enhanced environmental awareness but also strengthened community engagement by supporting local vendors with an eco-friendly alternative.

Title: Talk on Fundamental rights and duties: what you get and what you owe
Date: 26th November 2024
No of Participants: About 120 students and faculty members
Place: JSSATE Bengaluru.

Report:

On the occasion of Constitution Day, a talk titled "Fundamental Rights and Duties: What You Get and What You Owe" was organized at JSS Academy of Technical Education, Bengaluru. The session was graced by Mrs. Vanishri S, an experienced advocate from Bengaluru, as the resource person.Mrs. Vanishri provided an insightful overview of the fundamental rights guaranteed by the Constitution of India, emphasizing their significance in ensuring equality, freedom, and justice. She also highlighted the fundamental duties as an essential complement to these rights, stressing the importance of responsible citizenship.

Title: Drug, Cyber security Awareness
Date: 30th November 2024
No of Participants: About 100 students and faculty members
Place: JSSATE Bengaluru.

Report:
On November 30, 2024, an awareness program on drugs, ragging, and cybercrime was held at JSSATEB, organized by the NSS Unit of the institution. The event featured a welcome address by Dr. Girish N, NSS Program Officer. Dr. Bhimasen Soragaon, Principal, Dr. D. Mahesh Kumar, Dean of Student Welfare, and Dr. C V Vinay, Professor, Department Mathematics, graced the function alongside Sub Inspectors Mr. Krishna, Mr. Srinivas and Assistant Sub Inspector Mrs. Manjula from Kengeri Police Station. Drugs: Mr. Krishna discussed the dangers of drug addiction. He warned against foreign influences targeting Indian youth and emphasized students' role in nation-building, urging them to focus on their responsibilities over destructive habits.

Title: Hunt the winter
Date: 18th December 2024
No of Clothes donated: About 40 clothes
Place: Visveshwaraya Layout, Kengeri, Bengaluru.

Report:

The NSS Unit of JSSATE Bengaluru organized a clothes donation drive, "Hunt the Winter," to support the underprivileged during the winter season from 27th November to 5th December 2024. Students and faculty members actively participated by donating winter essentials, including sweaters, warm pants, blankets, and shawls. In total, over 40 items of winter clothing and fruit juice packets were collected. On 18th December 2024, NSS volunteers distributed these items to the needy near Shirke, Bengaluru, ensuring they received warmth and care during the cold season.

Title: Rejuvenation of GHPS, Gidadakonenahalli, Bengaluru
Date: 19th November 2024
No of Participants: 66 students
Place: Government Higher Primary School, Gidadakonenahalli, Bengaluru

Report:

The NSS Unit of JSS Academy of Technical Education, Bengaluru (JSSATEB) organized a one-day camp on the 19th of November 2024, at the Government Higher Primary School, Gidadakonenahalli, Bengaluru. Sixty-six volunteers from the Civil, Mechanical, and Robotics departments, led by NSS Programme Officer Dr. Girish N, participated enthusiastically. The camp aimed to improve the school environment and engage meaningfully with students. Volunteers prepared educational charts on topics like Mathematics, Science, and Social Studies, which were displayed in classrooms as long-term learning aids. They also cleared overgrown grass, cleaned the premises, and segregated waste, promoting cleanliness and eco-friendly practices.

Title: Books Segregation Drive
Date: December 20, 2024
No of Participants: 55 NSS volunteers
Location: Library, Adugodi, Bengaluru

Report:

The NSS Unit of JSSATE, Bengaluru, organized a one-day camp titled **"Books Segregation Drive"** on December 20, 2024, at a library in Adugodi, Bengaluru under the guidance of Dr. Girish N, NSS Programme Officer. This initiative was conducted in collaboration with Campus to Community and Yuvaka Sangha, Jayanagar, with the objective of ensuring equitable access to academic resources for under resourced institutions.

Title: Repurposing of old books
Date: 3rd to 5th March 2025
No of Participants: 100 NSS volunteers
Place: JSSATE, Bengaluru

Report:

The NSS Unit of JSSATE, Bengaluru, successfully organized a three-day NSS Camp from the 3rd to the 5th of March 2025 under the guidance of Dr. Girish N, NSS Programme Officer. The camp aimed to foster environmental consciousness, social responsibility, and community service by repurposing old notebooks to create new books. Throughout the camp, 100 enthusiastic NSS volunteers actively participated in collecting, sorting, and refurbishing old notebooks. They assembled approximately **5000 new books**, which will be donated to underprivileged school students, ensuring their access to essential learning materials. By repurposing the old notebooks, the volunteers saved **21 trees,** contributing to environmental conservation.

Title: Republic Day Celebrations
Date: 26th January 2025
No of Participants: About 200 staff and students
Place: JSSATE, Bengaluru.

Report:

The JSS Academy of Technical Education Bengaluru organized a grand celebration on 26 January 2025 to commemorate the 76th Republic Day of India. The event was marked by patriotic fervor, cultural performances, and recognition of selfless contributions, reflecting the spirit of unity and service.

Title: Rejuvenation of GHPS, Attibele, Bengaluru
Date: 15th and 16th of March 2025
No of Participants: 17 students and NSS Programme Officer
Place: Government Higher Primary School, Attibele, Bengaluru

Report:

The NSS Unit of JSS Academy of Technical Education, Bengaluru, in collaboration with Yuvaka Sangha and Chanakya University, successfully organized a School Refurbishment Training Camp at Government Higher Primary School (GHPS), Attibele, Bengaluru from the 15th to the 16th of March 2025. During this two-day program, the NSS volunteers actively participated in beautifying the school walls with creative artwork. The volunteers painted educational murals, motivational quotes, and colorful designs, transforming the school environment into a more vibrant and inspiring space for students.

Title: School Rejuvenation Camp
Date: 10th to 12th April 2025
No of Participants: 100 NSS volunteers
Place: Government Higher Primary School, Gidadakonenahalli, Bengaluru.

Report:
The NSS Unit of JSSATE Bengaluru, in collaboration with Yuvaka Sangha, conducted a powerful and purpose-driven School Rejuvenation Camp at Government Higher Primary School, Gidadakonenahalli, from 10th to 12th April 2025. Over the course of three days, 100 highly motivated NSS volunteers took up paintbrushes not just to color walls, but to spark imagination and uplift a community. They transformed dull, fading school walls into vibrant learning canvases. The artwork featured educational murals, motivational quotes, and child-friendly visuals that went far beyond decoration—they now serve as everyday sources of inspiration and joy for the students.

Title: Rejuvenation of GHPS, Kambipura, Bengaluru
Date: 18th and 25th of April 2025
No of Participants: 88 students and NSS Programme Officer
Place: Government Higher Primary School, Kambipura, Bengaluru

Report:

The NSS Unit of JSSATE Bengaluru organized a School Rejuvenation Activity at GHPS - Campus - 1 and - 2 Kambipura, Bengaluru, on 18th and 25th of April 2025. This initiative was aimed at contributing to the beautification and revitalization of a government school, creating an inviting and joyful learning atmosphere for young students. A total of 88 enthusiastic NSS volunteers actively participated in this community service under the guidance of Dr. Girish N., NSS Programme Officer. As part of the
rejuvenation efforts, volunteers engaged in artwork on the school walls,
painting educational and inspirational themes to enhance the aesthetic and

motivational environment for the students.

Title: Rejuvenation of Government School, Gaanakal, Bengaluru
Date: 2nd and 3rd of May 2025
No of Participants: 65 students and NSS Programme Officer
Place: Government School, Gaanakal, Bengaluru

Report:

The NSS Unit of JSSATE Bengaluru successfully organized a two-day **School Rejuvenation Drive** at the Government School in Gaanakal, Bengaluru. The event took place on 2nd and 3rd May 2025 and focused on transforming the school environment through creative interventions. Under the guidance of Dr. Girish N., NSS Programme Officer, and in collaboration with Yuvaka Sangha and Volvo, the event fostered community involvement, creativity, and civic responsibility among student volunteers.

Title: Topographical Survey, Bengaluru
Date: 21st March 2025
No of Participants: 6 NSS volunteers and 2 supporting staffs
Place: Doresanipalya Forest, Garvebhavi Palya, Bengaluru

Report:

On 21st March 2025, the 6th-semester NSS volunteers of the Civil Engineering branch from JSSATE Bengaluru conducted a topographical survey at the Doresanipalya Forest, Garvebhavi Palya, Bengaluru. The survey's primary objective was to assess the terrain and identify appropriate locations for rainwater recharge pits. These pits are intended to enhance groundwater replenishment and support sustainable water management practices in the region. The volunteers applied their technical skills in topography, utilizing surveying instruments to measure elevation, gradients, and contour levels. The data collected during the survey will be utilized to create contour maps and determine optimal pit locations to maximize water retention and minimize runoff.

JSS Academy of Technical Education, Bengaluru-560060
<u>Report on Global Alumni Meet 2025</u>

JSS Academy of Technical Education, Bengaluru conducted its 3rd Global Alumni Meet inviting all its passed-out Engineering and Management students since last 3 decades on Saturday, 18th January 2025. The program commenced at 4pm with an invocation song by Sahana G.S of 3rd sem MBA and the guests were welcomed by Dr. D Mahesh Kumar D, Professor & Dean, Students Welfare. The chief guest for the occasion was IAS officer, Sri Darshan H.V, Director, Dept of Electronics, IT & BT, and Managing Director, KITS, Government of Karnataka and the Guests of Honour were Ms. Deepa Belankar, Group Manager, ADAS, Volvo GTT and Mr. Naveen Manjunath, India Lead – Campus Hiring, Tata Elxsi. Dr. B Suresh, Pro-Chancellor – JSS AHER & Director – TED, JSS Mahavidyapeetha, Mysuru conveyed best wishes to all the alumni on the occasion.

An alumna of CSE department - Ms Deepa Belankar, shared her experience of college days and emphasized on the importance of networking among the students for a successful career. She also urged the students to make the best use of the modern-day technology to boost their professional upliftment. Mr. Naveen, MBA alumna recalled his memories and praised the information technology for easing the problems of students and the employees. He highlighted the importance of honing advanced skills and adapting to the changes in the technology.

Dr. Bhimasen Soragaon, Principal, JSSATEB delivered presidential address expressing his happiness and gratitude for the gracious presence of our highly esteemed alumni on the occasion. The programme witnessed the presence of its distinguished alumni drawn from all parts of India who cherished nostalgic memories of meeting their long-term friends at the Institute. A report on Alumni activities conducted during the year at the Institute was presented by Dr. Tejaswini P, Associate Professor, and Dr. P.M Shivakumarswamy, Professor & Alumni Coordinator delivered Vote of Thanks concluding the inauguration session. Cultural

events and light music were also organized followed by Dinner for the alumni of JSSATE, Bengaluru.

From left to right: Dr. D Mahesh Kumar, Dean Student Welfare, Mr Naveen, India Lead (Campus Hiring) – Tata Elxsi, Dr Bhimasen Soragoan, Principal, JSSATEB, Ms Deepa Belankar – Group Manager, Volvo GTT, Dr. P M Shivakumaraswamy, Alumni Coordinator, Dr. Thejaswini P, Secretary, JSSATEB Alumni Association

The dignitaries inaugurating the Global Alumni Meet 2025 by lighting lamp and seeking the blessings of His Holiness.

Photo Gallery:

	SSP SCHOLARSHIP 2025 as on 11-11-2025		
SSP scholarship No applied list- 200			
SSP scholarship No Payment list- 115			
Sl No	*Department*	*Category*	*Student Fee Amount*
1	*Tribal Welfare Department*	*SCHEDULED TRIBE*	
2	*Social Welfare Department*	*SCHEDULED CASTE*	4033492
3	*Karnataka State Brahmin Development Board*	*OBC (EWS)*	
4	*Karnataka Arya Vysya Community Development Corporation*	*OBC (EWS)*	
5	*Department of Technical Education*	*SCHEDULED TRIBE*	
6	*Department of Minority welfare*	**Cat-1, cat-2b,cat-3b**	
7	*Department of Collegiate Education*	*SCHEDULED CASTE*	
8	*Department of Agriculture(KSDA)*	**OBC**	
9	*Backward Classes Welfare Department*	**Category -1**	
		Category-2A	
		category-3A	
		category- 3B	
	Total		**4033492**

NOTE: Only Scheduled cast amount received till date and other department amount yet to be received.

		Pmsss Academic year 2024-25			
Sl.no	**candiate id**	**Name**	**USN**	**year**	**amount**
1	2024013610	TAJINDER SINGH DURSAL	1JS24CS171	1st year	95885
2	2024019779	KIFAYAT SALEEM	1JS24CS086	1st year	95885
3	2024074507	MAMTA DEVI	1JS24CS105	1st year	95885
4	2024076074	TEJAL KAPIL	1JS24IS167	1st year	95885
5	2024084537	VIKAS BABORIA	1JS24CS181	1st year	95885
6	2024102557	KUSHAL KUMAR	1JS24CS089	1st year	95885
		Total			**575310**

The Training & Placement Cell at **JSSATE, Bengaluru** organizes the following training programs for students:

- **Aptitude & Analytical Skill Development:** Training to enhance students' analytical and quantitative abilities.
- **Soft Skills Training:** Focus on essential professional skills such as attitude, communication, and presentation, enabling students to progress confidently in their careers.
- **Pre Placement Talks:** Coordinating all the Pre placement talks and in person online tests conducted by companies.
- **Awareness on Higher Education:** Providing information on overseas higher education opportunities through sessions and lectures conducted by various reputed agencies.
- **Group Discussions:** Sessions conducted to improve group interaction, communication, and leadership skills. Company executives and industry experts are invited to share insights on workplace scenarios, current trends, and future developments.
- **Mock Interviews:** Practice interview rounds to build confidence and prepare students to face recruitment panels effectively during campus placements.
- **Company-Specific Training:** Tailored programs for final-year students on aptitude, group discussions, and interview skills conducted by industry veterans prior to visits from leading MNCs.
- **Workshops by Eminent Personalities:** Sessions on personality development, interpersonal skills, communication skills, time management, memory techniques, and more.
- **Holistic Growth Activities:** Encouraging participation in various activities that support students' overall personal and professional development.
- **Career Development Programs:** Coordination of activities such as career goal setting, planning, and mapping; mock interviews; interview techniques; group discussions; case studies; resume writing; portfolio development; dressing etiquette; business etiquette; and technology management.

Placement Details

Particulars	2020-21	2021-2022	2022-2023	2023-2024	2024-2025
No. of Companies visited till date	50	52	64	40	53
Total No. of Offers	409	767	642	151	325
No. of students with single Job offers	260	437	414	140	274
No. of students with 2 Job offers	146	330	228	11	76
Highest package offered with companies name	16.0 LPA M/s. OneDirect	45.17 LPA M/s.Amazon	21.0 LPA M/s.Juspay	16.0 LPA M/s.KICKDRUM	12.0LPA M/s.IBM
Lowest package offered with companies name	2.64 LPA M/s. Hiveminds	2.4 LPA M/S M/s.Nextfirst	2.4 LPA M/s. Nextfirst	4.0LPA M/S M/s.Ribbon,M/s.Tech Mahindra	3.0LPA M/S. Conserve Solutions
Average package offered	4.38 LPA	4.76 LPA	4.92 LPA	5.0 LPA	4.6 LPA