

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



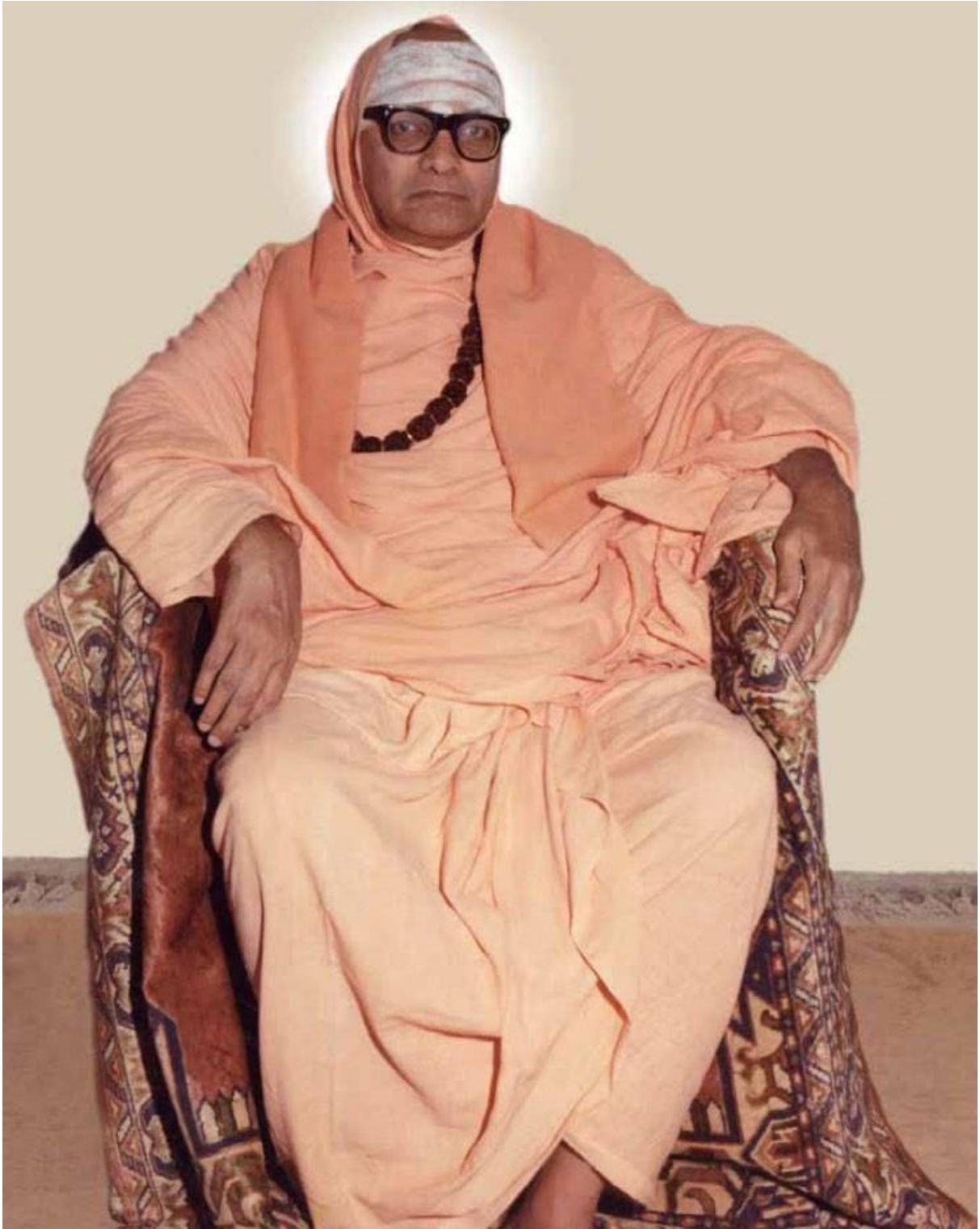
ANNUAL REPORT

2023-24



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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 in 1916 and ascended 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 a century. Every step he took forward was in search of 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 assuage the educational needs of hundreds of 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 Pathshalas in and around Mysore. A single-minded dedication to a task aimed at the welfare of all alone goaded him to tread a path of sacrifice. The incredible divine grace coupled with intense and sustained focus resulted in the materialisation 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 institutions in rural areas considering the hardship of students coming to cities seeking education. In order to make this possible, he started the Jagadguru Sri Shivarathreshwara Mahavidyapeetha in 1954; later it 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 a token of expressing the respect and gratitude to the ever-loving spirit of this Noble Saint and by following his principle of 'work is 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 the young 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 education to the villages of Karnataka.

His Holiness Jagadguru Sri Shivarathri Deshikendra Mahaswamiji, the Honourable Chancellor of JSS Academy of Higher Education & Research - a visionary, endeavoured not only to cross the Vindhyas and establish engineering colleges, schools, etc at NOIDA (UP) and the JSS Spiritual and Cultural Centre at New Delhi but also travelled beyond the shores of the country and established the presence of 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 achieve significant 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 to the 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 of living, the indicators of Human development, have been the underlying philosophy of Jagadguru Sri Veerasimhasana Mahasamsthana Math, Suttur Sri kshethra, for centuries. This is also the philosophy for which the Mahavidyapeetha today stands for. Under the untiring efforts of Jagadguru Dr. Sri Shivarathri Rajendra Mahaswamiji, the Mahavidyapeetha has witnessed enormous growth in the field of education and today has over 300 institutions under its fold, from kindergartens to post graduate centres and post doctoral research catering to the educational 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 span crèches 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 human resource. 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, Mauritius and Dubai.

Apart from formal education, the initiatives stretch to integrated rural development through training and empowering of rural folk, reaching out healthcare to people through modern and traditional Indian systems 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 Campus is located on a sprawling 21.17 acres 'land surrounded by lush green plantation on 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 in Business Administration. All the Departments have been recognized as "research Centres" from VTU, Belagavi. The total strength of students is more than 3000.

JSSATE, Bengaluru has an excellent infrastructure with the state-of-the-art equipment and machinery as 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 with an industry and it is sponsored by Department of Science & Technology (DST), Government of India. 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

- Strive towards Excellence in teaching–learning process and nurture personality development.
- 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 are accredited by National Board of Accreditation, New Delhi, for the period of three years from with effect from 01.07.2020 till 30.06.2023

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**



JSS Academy of Technical Education, Bengaluru, has been assessed on QS IGAUGE GEMethodology 1.2/1.3 by QS I GAUGE rating system.

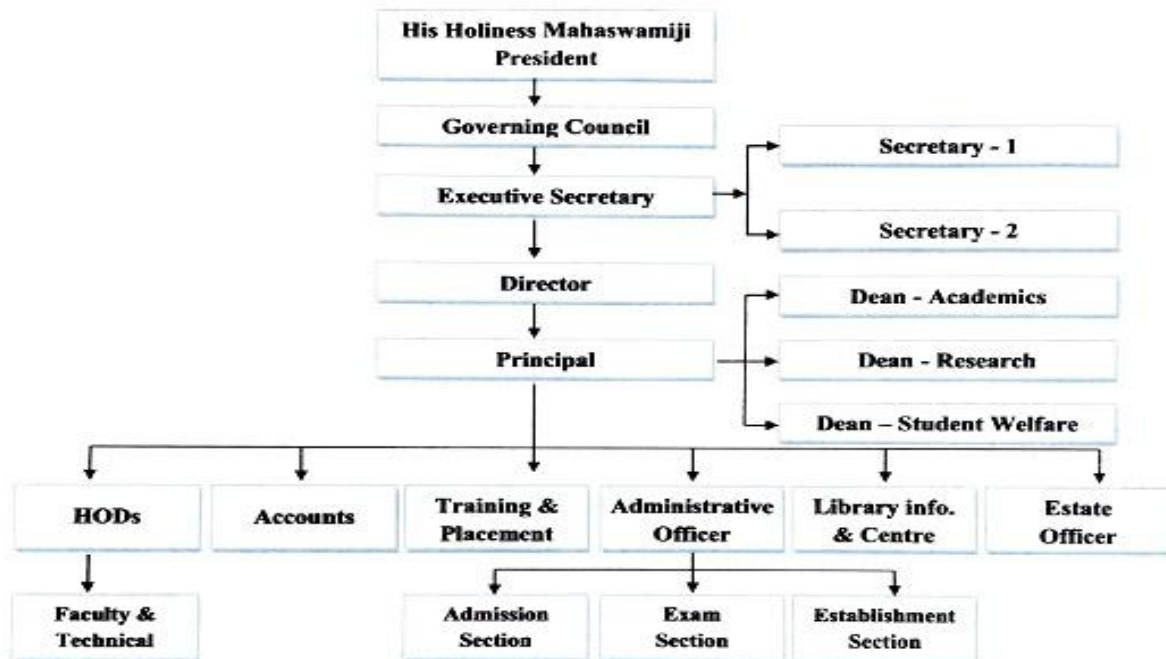
NIRF Ranking



The National Institutional Ranking Framework (NIRF) has ranked the institution in 251-300 band among engineering colleges in 2020.

Organizational Structure

Organizational Chart



Members of Board of Management

Sl.No.	Name	Designation
1	His Holiness Jagadguru Sri Shivarathri Deshikendra Mahaswamiji President, JSS Mahavidyapeetha, Mysuru	Chairman
2	Justice Dr. Shivaraj V Patil Co-Chairman, JSS institutions, Bengaluru	Member
3	Dr. C G Betsurmath, KAS (Retd.) Executive Secretary, JSS Mahavidyapeetha, Mysuru	Member
4	Prof. M. H. Dhananjaya Advisor, Technical Education Division, JSS MVP, Mysuru	Member
5	Dr. HR Mahadevaswamy Joint Director, Technical Education Division, JSS Mahavidyapeetha, SJ CE Campus, Mysuru	Member
6	Sri H K Shivananda, IAS (Retd.) Retired IAS Officer, Bengaluru	Member
7	Dr. SM Jamadar, IAS (Retd.) Former Chairman, JSSTICE, Bengaluru	Member
8	Dr. B. G. Sangameshwara Former Vice-Chancellor, JSS Science and Technology University, Mysuru	Member
9	Prof. B. Gurumoorthy Chairman, CFPDM, IISc, Bengaluru	Member
10	Dr. Shyam Vasudeva Rao Industrialist, M/s Forus Healthcare Pvt. Ltd. Bengaluru	Member
11	Dr. Hilarian Pushparaj General Manager, M/s Mindtree Technologies, Bengaluru	Member
12	Sri Sagar Nidavani Executive Council Member, VTU, Bengaluru	Member VTU Nominee
13	Dr. R. Sakthivel Director, South West Regional Officer, AICTE, Bengaluru	Member, AICTE Nominee, Ex-Officio
14	Sri. H. U. Talawar Director of Technical Education, GOK, Bengaluru	Member DTE Ex-Officio
15	Dr. Poornima N Associate professor, E & C Department, JSSATE, Bengaluru	Member Faculty representative
16	Dr. Bhimasen Soragaon Principal, JSSATE, Bengaluru	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 programme initiated by Government of India and designed to achieve the three cardinal principles of Education Policy viz., access, equity and quality. The

Objective of this effort is to take the best teaching learning resources to all, including the most disadvantaged. SWAYAM seeks to bridge the digital divide for students who have hitherto remained untouched 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 seven Indian Institutes of Technology (Bombay, Delhi, Kanpur, Kharagpur, Madras, Guwahati and Roorkee) along with the Indian Institute of Science, Bangalore in 2003, to provide equality education to any one interested in learning.

NPTEL local chapter was started in JSSATE, Bengaluru from 26th December 2016. As a source of information and other than syllabus oriented, around 8GB of previous NPTEL course materials is made available in the Digital Library. These materials are circulated to its users as and when demanded 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 active local chapters amongst local chapters of South India.

Cultural Crew

VERVE

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 Walkathon to raise 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 nor 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, Mallasandra, 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 was 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



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, deposited to 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' merit in 12th 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.

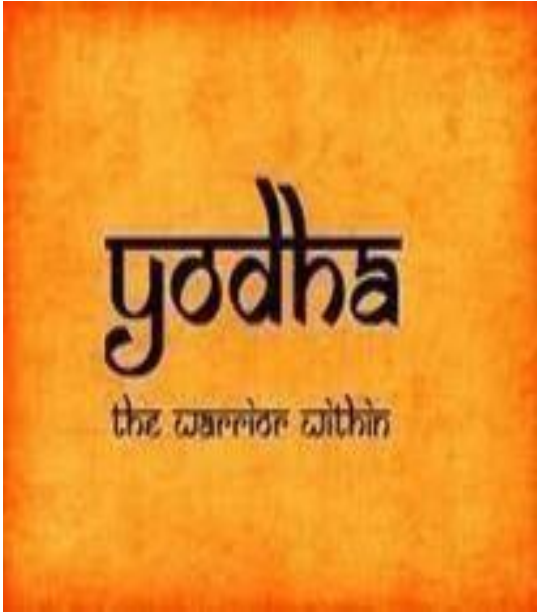
1. Sri Siddappa Siddalingappa Datti award

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 corpus amount 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 CLUB



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 to make 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

DEPARTMENT OF SPORTS



JSS Academy of Technical Education, Bengaluru has been giving equal importance 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.PraveenKumar U.B Sports Secretary	B.E.,M.Tech.,(PhD)	08Years
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 2023-24**

Sl No	Date	Name of the Event	Place	Position
1	7 th & 8 th August 2023	VTU Inter Collegiate Bengaluru Division Chess competition for (men and women), held at BGCET, Bengaluru	BGCET Bengaluru	1 Our college Men Chess got a 13 th position out of 32 team's participation in this competition2. Our college Women Chess team got a10 th position out of 24 teams participation in this competition
2	15 th August 2023.	Independence day celebration		
3	23 rd & 24 th August 2023	VTU Inter Collegiate Bengaluru South Division Foot ball tournament for (men), held at T-JOHN IT Bengaluru	T-JOHN IT Bengaluru	1. Men team Lost in quarterfinals in penalty shoot score 4-5 agonists T-JOHN IT.
4	6 th to 9 th September 2023	Induction programmed for 1 st year students 2023-24	JSSATE Bengaluru	All indoor and outdoor sports activates
5	20 th October 2023	Circular VTU Inter Collegiate sports /games selection trials for the year 2023-24	JSSATE Bengaluru	All indoor and outdoor sports activates
6	30 th & 31 st October 2023	Kabaddi (M) VTU Inter Collegiate sports /games selection trials for the year 2023-24	SIT, Tumkur	Our college students not participated
7	30 th &31 st October - 2023	VTU Inter Collegiate Kabaddi (W) selection trials for the year 2023-24	SJCIT, Chikkaballapr	Our college students not participated
8	2nd&3rd November - 2023	VTU Inter Collegiate (M&W)	CMRIT, Bengaluru	Our college students not participated
9	4th &5th November - 2023	VTU Inter Collegiate (W) Volley ball selection trials for the year 2023-24	KIT, Tiptur	Our college students not participated
10	6 th & 7 th November - 2023	VTU Inter Collegiate Cricket (M) selection trials for the year 2023-24	GAT Bengaluru	Our College Students Successfully participated Kushal. N 7 th SemCSE 1JS20CS083 K C Sumuch 5 th Sem ECE 1JS21 EC060 Kushal C 3 RD Sem MBA 1JS22 BA021,he is selected zonal level and participated state level selection trials.
11	06 th &7 th November - 2023	VTU Inter Collegiate state level (M) Football selection trials for the year 2023-24	PACE, Mangaluru	Our college student Successfully participated

12	06 th & 7 th November - 2023	VTU Inter Collegiate state level (M) Hand ball selection trials for the year 2023-24	JNNCE, Shimoga	Our college students Successfully participated
13	21 st to 23 rd November - 2023	VTU Inter Collegiate State Level Cricket (M) selection trials for the year 2023-24	PESCE Bengaluru	OurCollegeStudents Successfully participated Kushal C 3 RD Sem MBA 1JS22 BA021,he is selected zonal level and participated state level selection trials.
14	22 nd to 24 th November - 2023	15 th Dr. M S Ramaiah Memorial state level Inter Engineering Colleges Basketball (men & women) tournament -2023-24 conducted by MSRIT ,Bengaluru.	MSRIT Bengaluru.	Men Basket ball team Lost in quarterfinals round.
15	24 th & 25 th November - 2023	Inter Collegiate state level sports fest 2023-24 conducted by Cambridge Institute of Technology, Bengaluru.	Cambridge Institute of Technology, Bengaluru.	Men volley ball team Lost in quarterfinals round.
16	2 nd To12 th December 2023	VTU Inter Collegiate Bengaluru South Division Men Cricket Tournament, at ACSCE, Bengaluru.	ACSCE Bengaluru	Men Cricket Team Lost In 2 nd round match.
17	13 th To16 th December 2023	“SPARDHA” state level 23 Inter Collegiate sports fest 2023-24 conducted by CMRIT.	CMRIT Bengaluru	*Our College Men Volley Ball Team Lost In Quarterfinals Round. *Our College Men & Women Chess Team Lost In Quarterfinals Round. *Our College Men Basketball Team Lost In Quarterfinals Round. *Our College Men Football Team Lost In Semifinals Round.
18	16 th to 19 th Decemb er 2023	JSS Inter Institutions Sports Meet held at Sree Suttur Kshetra, Suttur.	Suttur Sri Kshetra, Suttur.	Report: 1.Our College Men Volley Ball Team lost in Semifinals Round against JSS Science&Technological University, Mysuru and Got 3rd Place. 2. Our College Men Ball Badminton Team lost In Semifinals Round against Arts, Commers & Scince College Ooty Road Gundlapet and Got 4 th Place. 3. Our College Women Throw Ball Team Lost In Quaterfinals Round Againestarts, Commers & Scince College Nanjanagudu. 4. Our College Men & Women Athletic Show the Talent Efect Fulliy Sum Students Got 4 th , 5 th & 6 th Places.

19	18 th to 22 nd December 2023	BMSCE KREEDOUTSAV-2023 Inter Collegiate State Level Sports fest conducted by BMSCE Bengaluru	BMSCE Bengaluru	<p>*Our College Men Volley Ball Team Lost In Quarterfinals Round.</p> <p>*Our College Men Foot ball Team Lost In Quarterfinals Round.</p> <p>*Our College Men Basketball Team Lost In Quarterfinals Round.</p> <p>*Our College Men Football Team Lost In Semifinals Round.</p>
20	3 rd January to 8 th January 2023	Representation of VTU University Shooting (Men) Team in All India Inter University Championship to be held at kurukshetra University, kurukshetra, Haryana from 3 rd January to 8 th January 2023	Subhart University, Meerut	Representation VTU University Shooting Championship, Our College Student of Mr Ram Pratiradh A. 3 rd Sem R&A. IJS22RA018
21	8 th & 9 th January 2023	VTU Inter Collegiate Bengaluru South Division Men Kho-Kho Tournament, at DSCE, Bengaluru.	DSCE Bengaluru	Men Kho-Kho Team Lost In Semifinals Round round .
22	11 th & 12 th January 2023	VTU Inter Collegiate Bengaluru Division Women Volley ball Tournament, at KIT, TIPATUR	KIT, TIPATUR	Women Volley ball Team Lost In quarter finals Round round .
23	12 th to 14 th January 2023	Nationa Levell Volley Ball Tournament Conducted by ATRIA, UNIVERSITY	ATRIA UNIVERSITY Bengaluru	Men Volley ball Team Lost In semi finals Round round .
24	2 nd February 2023	VTU Inter Collegiate Bengaluru South Division Men Hand ball Tournament, at RVITM, Bengaluru.	RVITM Bengaluru	Men Hand ball Team Lost In Semifinals Round round .
25	5 th to 8 th February 2023	Suttur Jatra Sports work		
26	5 th to 8 th February 2023	VTU Inter Collegiate Bengaluru South Division Men Volley ball Tournament, at JIT, Bengaluru	JIT, Bengaluru	Men Volley ball Team won the runner- up trophy (IInd place) and team selected for state level tournament.
27	13 th & 14 th February 2023	Hosting in our College VTU Inter Collegiate Bengaluru South Division WOMEN Throw ball Tournament, at JSSATE Bengaluru.	JSSATE Bengaluru	1. Our college Women Throw ball team Lost in Quarterfinals round.
28	15 th & 16 th February 2023	VTU Inter Collegiate Bengaluru South Division Men Kabaddi Tournament, at RRCE, Bengaluru	RRCE, Bengaluru	Men Kabaddi Team Lost in Quarterfinals round
29	30 th April 2023	Annual Physical Education Directors meeting	VTU, Campus Belagavi	I have been attending the annual Physical education directors meeting

30	18 th to 20 th May 2024	RVCE Momentum-cup -2024 State level Inter Collegiate sports fest	RVCE Bengaluru	* Our college Men Volley ball Team won the runner- up trophy (IInd place) *Our college Men basketball team Lost in quarterfinals round.
31	22 nd & 23 rd May 2024	VTU Inter Collegiate Bengaluru South Division Foot ball tournament for (men), held at T- JOHN IT Bengaluru	T-JOHN IT Bengaluru	1. Our College Men Foot ball Team Lost in semifinals rounds in penalty shoot score 4-5 agonists T-JOHN IT.
32	22 nd to 31 st May 2024	Chamaraju Memorial State Level Inter Collegiate Cricket Tournament Conducted by RVCE, Bengaluru.	RVCE Bengaluru	* Our college Men Cricket Team Lost in semifinals rounds.
33	31 st May 2024	VTUInterCollegiate Bengaluru South Division Hockey Tournament for (men), held at SAIRAM College of Engineering , Anekal,Bengaluru	SAIRAM College of Engineering , Anekal, Bengaluru	1. Our College Men Hockey Team Lost in semifinals rounds in penalty shoot score 1-2 agonists RVCE.
34	10 th & 11 th June 2024	Hosting in our College VTU Inter Collegiate Bengaluru Division Men Lawn Tennis Tournament, at JSSATE Bengaluru.	JSSATE Bengaluru	1. Our college Men Lawn Tennis Team Lost in Quarterfinals round.
35	12 th & 13 th June 2024	VTU Inter Collegiate State Level Lawn Tennis (M& W) selection trials for the year 2024-25	PESCE , Mandya	*Our College STUDENT NIDI BUVILA 3 rd Sem CIVIL IJS23CV009 Department she has been selected one of VTU Team member. Team was represented competition. south zone inter university *Our College Student SHLOK GUPTA 3 rd Sem CSE IJS23CS159 Department he has been selected one of VTU Team member (stand by). Team was represented competition. South zone inter university
36	13 th & 14 th June 2024	VTU Inter Collegiate State Level Foot ball (M) selection trials for the year 2024-25	PESCE , Mandya	Our College Students in the Name of SUBHAMOY MAITI 7 th Sem MECH he as got a 18 th place. (Standby for VTU Team)
37	25 th to 29 th June 2024	25 th VTU Inter – Collegiate State Level Athletic Meet Championship for (Men and Women) AY- 2023-24	Visveswaraya Technological University regional center mysuru	All successfully participated
38	2 nd July2024	VTU Inter Collegiate Bengaluru South Division Men & Women Table Tennis Tournament At SJBIT,Bengaluru.	SJBIT, Bengaluru.	* Our college Men & Women's Team won the runner- up trophy (IInd place)and both teams qualified for state level tournament.
39	8 th & 9 th July2024	VTU Inter Collegiate Bengaluru South Division Men & Women Shuttle Badminton Tournament heldatRVITM,JPNagar,Bengaluru	RVITM, JP Nagar, Bengaluru	*Our College Men Badminton Team Lost in Quarterfinals rounds. *Our college Women Badminton Team Lost in semifinals rounds in a golden points agonists DSATM.

40	15 th to 19 th July2024	VTU Inter Collegiate Bengaluru Division Men & Women chess Tournament held at BMSCE,Bengaluru	BMSCE Bengaluru	*Our College Men Chess Team top in 14 th place. *Our college Women Chess Team got a fourth pace and qualified for state level tournament.
41	18 th to 20 th July2024	VTU Inter Collegiate State Level Men & Women Table Tennis Tournament At VVCE, Mysuru	VVCE, Mysuru	* Our college Men Table Tennis Lost in quarterfinals round. * Our college Women Table Tennis not participated during their annual exam.

Training and Placement

JSS Academy of Technical Education, Bengaluru always feel proud and privileged to provide quality Engineering and Management students with highest ethical standards and contribute to the nation's growth. The institute has successfully placed the students in various companies in different sectors. The institute has observed substantial growth in number of opportunities provided for the students in the field of Engineering and Management. The Placement Department tries to Bridge the gap between Institution and industries by analyzing the industry trends and expectation. The leading companies in from various sectors are invited to the campus and ensure that all the Objectives of Department.

Prestigious Recruiters



Training & Development

The Training & Placement Cell at JSSATE, Bengaluru organizes the following training programs for the students;

- Aptitude related Analytical Skills for enhancing analytical skills of students.
- Soft skills are a quite essential qualification for professionals aspiring to move up the value chaine specially attitude, communication and presentation.
- Group Discussions are organized to promote skills of interaction in group and leadership styles.The company executives/ employers will be invited to share their valued expertise on

various topics, work place situations with our students, current trends and future scenario.

- Mock Interview rounds will be conducted to build confidence and self-esteem in students to perform with ease in front of panel members during campus placements.
- Company Specific training programs will be conducted for all final year students on Aptitude related analytical skills, Group Discussion and Interview skills by Industry veterans just before the visit of MNCs.
- Eminent management personalities are invited to conduct workshops on Personality Development, Inter personal and Communication Skills, Time management, Memory Management etc.
- Participation of students in activities that provide them all round personal and professional growth will be promoted.
- T&P Cell will coordinate various activities/ organize programs such as Career Goal Setting/ Planning/ Mapping, Mock Interviews/ Interviewing Techniques, Group Discussions, Case Studies, Resume Writing Referral, Professional Portfolio Development, Dressing Sense, Business Etiquette and Technology Management.

Placement Details

Placement Analysis For The Year 2023-2024					
Sl/No	Branch	No of Students Registered	No of Students Eligible	Total No Of Students Placed	No of Students Eligible
1	CSE	198	157	63	94
2	ISE	114	97	48	49
3	ECE	135	86	16	70
4	E&I	28	13	6	07
5	ME	35	11	4	07
6	IEM	1	1	0	01
7	CIVIL	57	23	2	21
8	MBA	47	35	19	16
9	MCA	52	37	1	36

ALUMNI

JSSATEB Alumni Association is formed with the sole objective of bringing all the JSSATEBians on to a common platform for mutual benefits. The 1st batch of students has rolled out of the institution in 2001. Since then, over 8000 students are passed out of this institution and occupied various positions in the organizations all over the world. The association became active since 2010 under the stewardship of Principal Dr. Mrityunjaya V. Latte. The 1st alumni meet was held in 2012, since then 3 meets were held. The 1st global alumni meet is scheduled in the month of June 2021. It is also proposed to start JSSATEB Alumni chapters in other parts of India & worldwide.

Office Bearers



Dr. Bhimasen Soragaon
Honorary President Principal,
JSSATE, Bengaluru



Girish Venkatesh
President
Product Marketing Manager,
Mann & Hummel filter Pvt. Ltd.,
Bengaluru



B Vinod kumar
Vice President Manager
SCM & Purchase,
Gardner Aerospace Bengaluru Pvt.
Ltd., Bengaluru



Dr. Thejaswini P
Secretary
Assistant Professor,
Department of ECE
JSSATE, Bengaluru



Prashanth H R Joint
Secretary Director,
Ace Multi Axes Systems Ltd.,
Peenya Industrial estate,
Bengaluru



Vidya Singh
Joint Secretary, Software
Project Leader,
GE Health Care, Bengaluru



Bhanumathi K S
Treasurer
Assistant Professor,
Department of EIE, JSSATE,
Bengaluru



Supreeth M G
Member
Senior Consultant-
Talent Acquisition, CAP
GEMINI, Capgemini
Technology Services Ltd,
Bengaluru



Mr. Shashank
Member Director,
@ Webtrigon
Technologies Private
Limited, Bengaluru



Ravi Nagappa
Member
Finance Business Partner, NTT DATA
SERVICES, Tower E,
Global Village Tech park,
Mailasandra, Bengaluru



Mr. Varun U
Member CEO,
Zysk Technologies Bengaluru



Siddharth Chaitanya
Member
Content Strategist
Consultant,
Unbox Experience,
Bengaluru



Mrs. Maithri
Member Project
leader, Maersk
Technologies, Bengaluru



Naveenkumar V
Member Entrepreneur,
Klarheit Valuers & Engineering
services Pvt. Ltd., Bengaluru



Varun G R
Member
Project Engineer, BRYCON, 6915
W Frye Road, Chandler, Arizona,
USA



**Sanjeev Prasad
Shastry** Member
Software Engineer,
Accenture Pvt. Ltd.,
Bengaluru



Vinay M E
Member
Application Development
Analyst,
Accenture Solutions,
Bengaluru



Varsha V Bhat
Member
Full Stack Developer,
CTS, #305, Balalji Hill top,
Kathriguppe, BSK 3rd Stage,
Bengaluru



Miss. Vybhavi J
Member Engineer,
ABB Ability
Innovation Centre,
Bengaluru



Department of Mechanical Engineering



Department of Civil Engineering



Department of Information Science and Engineering conducted a motivational session for the students of III SEM students. The speaker was Mr. Manjunath R, alumni of ISE

Alumni Activities conducted in JSSATE, Bengaluru from November 2023 to October 2024

Sl. No	Date	Topic	Alumni Name	Branch
1	15.12.2023	Opportunities for Mechanical Engineers in IT Industries	Mr.Srinivasa B (2018 graduated), OPERATIONS TECH LEAD NTT DATA GLOBAL DELIVERY SOLUTIONS Bengaluru	Mechanical
2	04-11-2023	Opportunities for Mechanical Engineers in IT Industries	Mr.Srinivasa B (2018 Batch) Operations Tech Lead NTT Data Global Delivery Solutions, Bengaluru	Mechanical
3	16.2.2024	Invited talk on State of Industry-Early 2024	Mr Pratik Shah CEO, Halaplay	Computer science and Engineering
4	3.2.2024	Placement Skills: Connecting Dots	Mr .AkshayPrakash Software Developer Bizongo	Computer science and Engineering
5	4.5.2024	Final Year project Exhibition	1. Mr.Suhas M S, Scenior TL, Epsilon Bangalore. 2. Sachin B S, CEO, Hive Minds Bangalore.	Computer science and Engineering
6	5.10.2024	Orientation Program- Pathways to Success: Alumni Insights for freshers	1.Ms Vatsal B R Senior Analyst M/s Accenture 2. Ms. SnehaPhaniraj Software Engineer -II M/s. J P morgan	Computer science and Engineering
7	18.07. 2024	“Civil Engineering skillsets for employability”	Er. Karthik S, Chief Operating Officer, Sarva Homes, Bangalore	Civil Engineering
8	19-1-2024	Going beyond Academic Boundries Student club inauguration	Madwesh P Cisco,Computer Networking Business Analysis Manager, Supply Chain & Operations Bangalore Urban, Karnataka, India	Information Science and Engineering
9	13-1-2024	Motivational Talk	Manjunath R, IAS, Assistant Collector,Chandigrah	Information Science and Engineering
10	2023-24	Internship Placement	Mr.VarunUmesh CEO, Zysk Technologies (MoU) 5 students are selected at Zysk as interns with a stipenf of Rs. 12,500 2 students of 2020-2024 are placed in Zysk	Information Science and Engineering
11	2023-24	Internship Mr. Umar Ameen	Mr. Umar Ameen (2005-2009), Co-Founder,	Information Science and

		(2005-2009), Co-Founder, Dom Ventas, Global Retail E-commerce 4 students offered internship at DomVentas with a stipend of Rs. 10,000	Dom Ventas, Global Retail E-commerce 4 students offered internship at DomVentas with a stipend of Rs. 10,000/-	Engineering
12	17-02-2024	Importance of Programming Hands on Session	Mr. Rajiv Singh, SE JL2, A.P. Moller-Maersk Mr. Abhinav Anand, Graduate Engineer Trainee, R&D, Mercedes Benz Mr. Vedant Srivastava, Graduate Engineer Trainee, R&D, Mercedes Benz	Information Science and Engineering
13	05-09-2024	Session on Power Bi and Tableau	Ms. Spoorthi Kulkarni, Ernst & Young	Information Science and Engineering
14	04-05-2024	Open Day 2024 (Project Exhibition)	Judges Mr. Karthik K J Software Engineer 3 Juniper Networks, Bangalore Mr. Vedant Srivastava Software Engineer Mercedes Benz (R and D) Ms. Pratiksha Khandelwal Software Engineer Speridian Technologies	Information Science and Engineering
15	2023-24	Internship Internship Opportunity provided for students	Klarheit Valuers & Engineering Services Private Limited. Number of students benefited: 8	Civil Engineering
16	2023-24	Placement Job Opportunity provided for students	Klarheit Valuers & Engineering Services Private Limited Number of students benefited: 3	Civil Engineering
17	2023-24	Internship Internship Opportunity provided for students 4	Sarva Homes Pvt Ltd, Bangalore Number of students benefited: 4	Civil Engineering

SCHOLARSHIP

Our students have been recipients of scholarships from various schemes, reflecting our institution's commitment to supporting academic growth and financial well-being. This year, 1031 students received scholarships from the State Scholarship portal (SSP), 54 under National Scholarship Program (NSP), 30 students received scholarships from the Prime Minister's Special Scholarship Scheme (PMSSS), 29 students received scholarships from Karnataka Labour Welfare Board, Additionally, 11 students have received Datti Scholarship from JSS Mahavidyapeetha Endowment Scholarship. Through this, the Institution provides significant support to academically deserving and financially underprivileged students. These diverse scholarship programs have played a crucial role in empowering our students, reducing financial barriers, and encouraging them to achieve their academic and career aspirations.

PMSSS STUDENTS SCHOLARSHIP DETAILS FOR THE ACADEMIC YEAR 2023-24

Sl.No	USN	NAME	BRACH	Year	ACADEMIC FEES (Rs)
1	1JS20CS093	Mueed U Din Tak	CSE	Final Year	87590/-
2	1JS20CV004	Arreb Ayoub	CV	Final Year	87590/-
3	1JS20CV051	Yawer Farooz	CV	Final Year	87590/-
4	1JS20EC003	Adil Fayaz	EC	Final Year	87590/-
5	1JS20EI008	Barket Hussain Dar	EIE	Final Year	87590/-
6	1JS20IS066	Nokhaiz Khan	ISE	Final Year	87590/-
7	1JS21ME413	Shahid Bilal	ME	Final Year	87590/-
8	1JS21CS184	Reetik Singh	CSE	Third year	80776
9	1JS22CV404	Saqib Mushtaq Bhat	CV	Third year	88090
10	1JS22CV405	Ulfat Rashid	CV	Third year	88090
11	1JS22EC400	Arifa Javid	EC	Third year	88090
12	1JS21IS125	Aryan Anand	ISE	Third year	80776
13	1JS21IS126	Haren Chopra	ISE	Third year	80776
14	1JS22CS017	Aman Nisar	CSE	Second Year	66076
15	1JS22CS128	Rohan Kumar	CSE	Second Year	66076
16	1JS22CS163	Suraj Khar	CSE	Second Year	66076
17	1JS22CS187	Vishav Partap Singh	CSE	Second Year	66076
18	1JS22IS056	Kanav Padha	ISE	Second Year	66076
19	1JS22IS075	Mohsin Ali	ISE	Second Year	66076
20	1JS23IS098	Nadeem Abbas	ISE	First year	110335
21	1JS23CS109	Pooja Saini	CSE	First Year	110335
22	1JS23RA012	Ram Paul	RA	First Year	110335
23	1JS23CV015	Rohit Singh	CV	First Year	110335
24	1JS23CS148	Sanjana Choudhary	CSE	First Year	110335
25	1JS23CS142	Sahil verma	CSE	First Year	110335
26	1JS23EC030	Dhara Singh	ECE	First Year	110335
27	1JS23CV014	Raziya Banoo	CV	First Year	110335

28	1JS23CS040	Danish Manzoor	CSE	First year	110335
29	1JS23CI030	Ishan Sharma	AIML	First Year	110335
30	1JS23CI012	Arun Sharma	AIML	First Year	110335
		Total			2924890

DATTI SCHOLARSHIP

Sl.no	Datti scholarship	Name	course	Amount
1	Dr. Shri shivaratri rajendra swamiji datti	Prajwal S	Mechanical	725
2		Ramesha LS	Mechanical	725
3	Sri Shivarathrishwara datti	Aryan Prasad	CSE(AIML)	1450
4		Aanuska Basak	CSE	1450
5	Sri Siddalingappa Siddappa Datti	Prerana prabhu	ISE	1000
6		Rathish M	Mechanical	1000
7	Smt Suvarnamma Sri Vishweswaraiah Datti	Sakshi Patil	E&IE	7275
8		Aishwarya Girani	ISE	7275
9		Tejaswini VT	CSE	7275
10		Sharanya HR	ECE	7275
11		Mohan KP	Mechanical	7275

NATIONAL SCHOLARSHIPS

Sr .	App Id	Name	DOB	Gender	Father Name	scheme	verify date
1	KA202324000134506	Rakshitha V	18/06/2005	F	Venkatesha Murthy G	Aicte – Pragati Scholarship Scheme For Girl Students (Technical Degree)	29/01/2024
2	KA202324000137812	Srushti	16/05/2005	F	Sanjeev Reddy Sherikar	Aicte – Pragati Scholarship Scheme For Girl Students (Technical Degree)	11/11/2023

3	KA2023240001 72496	Manjula	01/09/2005	F	Ayyanagouda	Aicte – Pragati Scholarship Scheme For Girl Students (Technical Degree)	26/12/20 23
4	KA2023240002 31196	Srushti H M	08/12/2005	F	Manjunatha H R	Aicte – Pragati Scholarship Scheme For Girl Students (Technical Degree)	21/11/20 23
5	KA2023240003 12635	Aishwarya Girani	09/01/2004	F	Basavaraj	Aicte – Pragati Scholarship Scheme For Girl Students (Technical Degree)	11/11/20 23
6	KA2023240003 61165	Indu R Kanabur	02/10/2004	F	Ramesh	Aicte – Pragati Scholarship Scheme For Girl Students (Technical Degree)	29/01/20 24
7	KA2023240005 49096	Vaishnavi Kotegar	24/02/2005	F	Manjunath K T	Aicte – Pragati Scholarship Scheme For Girl Students (Technical Degree)	26/12/20 23
8	KA2023240007 11619	Shubha Shankar Bhat	10/03/2005	F	Shankar Devaru Bhat	Aicte – Pragati Scholarship Scheme For Girl Students (Technical Degree)	26/12/20 23
9	KA2023240008 49601	Arnitha P	08/04/2005	F	Udaya Poojari	Aicte – Pragati Scholarship Scheme For Girl Students (Technical Degree)	26/12/20 23
10	KA2023240011 93195	Divyashree S	08/03/2002	F	Srinivas D	Aicte – Pragati Scholarship Scheme For Girl Students (Technical Degree)	29/01/20 24
11	KA2023240014 60984	Shivani Aithal P	07/03/2005	F	Anantha Aithal P R	Aicte – Pragati Scholarship Scheme For Girl Students (Technical Degree)	08/01/20 24
12	KA2023240015 18896	Rakshitha B	23/04/2005	F	Balaraj S	Aicte – Pragati Scholarship Scheme For Girl Students (Technical Degree)	08/01/20 24
13	KA2023240016 02056	Yashashwini N C	24/08/2004	F	Nagaraj P	Aicte – Pragati Scholarship Scheme For Girl Students (Technical Degree)	31/01/20 24

14	KA2023240017 78943	Bhoomika D S	10/10/2005	F	Sathish H K	Aicte – Pragati Scholarship Scheme For Girl Students (Technical Degree)	31/01/20 24
15	KA2023240002 82651	Shreyas Shivaram Amin	11/12/2005	M	Shivaram Amin	Aicte – Swanath Scholarship Scheme (Technical Degree)	05/12/20 23
16	KA2023240009 30244	Prathaviraj Karbari	03/04/2004	M	Sanjeev Karbari	Aicte – Swanath Scholarship Scheme (Technical Degree)	08/01/20 24
17	MN2023240010 7845 9	Tiken Chingakham	21/01/2003	M	Chingakham Tej Singh	Centrally Sponsored Post Matric Scholarship For Sc Students- Manipur	08/01/20 24
18	KA2023240001 80401	Sujana	30/04/2005	F	Shekar Kotari	Central Sector Scheme Of Scholarships For College And University Students	26/12/20 23
19	KA2023240016 83903	Pavan S N	30/01/2005	M	Nagaraju	Central Sector Scheme Of Scholarships For College And University Students	29/01/20 24
20	KA2023240019 41544	Kashif Pasha	11/09/2005	M	Ismail Pasha	Central Sector Scheme Of Scholarships For College And University Students	31/01/20 24
21	BR2023240001 12178	Shruti	20/06/2005	F	Sushant Kumar	Prime Minister's Scholarship Scheme For Central Armed Police Forces And Assam Rifles	21/11/20 23
22	BR2023240004 32964	Sajal Rajhans	30/04/2005	M	Gopal Rajhans	Prime Minister's Scholarship Scheme For Central Armed Police Forces And Assam Rifles	05/12/20 23
23	KA2023240009 36936	Mohammed Sami	06/05/2005	M	Abdul Nabi	Prime Minister's Scholarship Scheme For Central Armed Police Forces And Assam Rifles	29/12/20 23
24	KA2023240013 53869	Ullas S	22/09/2005	M	Shivalingaiah	Prime Minister's Scholarship Scheme For Central Armed Police Forces And Assam Rifles	08/01/20 24

LIST OF RENEWAL APPLICANTS UNDER RENEWAL CATEGORY:-

1	KA202122003430898	S Kaushik	08/04/2002	M	B Sreedhar	Aicte – Swanath Scholarship Scheme (Technical Degree)	11/11/2023
2	KA202021002899445	Pratik K M	19/06/2002	M	Mallikarjuna K N	Central Sector Scheme Of Scholarships For College And University Students	11/11/2023
3	KA202021010934072	Premjith P M	22/07/2002	M	Panduranga S K	Central Sector Scheme Of Scholarships For College And University Students	11/11/2023
4	KA202021011357029	Ananya B	24/03/2002	F	Basavaraj Y	Central Sector Scheme Of Scholarships For College And University Students	20/12/2023
5	KA202021011403531	Shravanth Reddy M R	09/06/2002	M	Mohan Reddy G	Central Sector Scheme Of Scholarships For College And University Students	11/11/2023
6	KA202021011675633	Thanusha R	09/07/2003	F	Ramesh N	Central Sector Scheme Of Scholarships For College And University Students	20/12/2023
7	KA202021012072653	Thanseer Jelani	30/11/2001	M	Mohammed Zakir	Central Sector Scheme Of Scholarships For College And University Students	11/11/2023
8	KA202021012133895	Pradeep Hiremath	22/07/2002	M	Sharanayya Hiremath	Central Sector Scheme Of Scholarships For College And University Students	08/01/2024
9	KA202122010221311	Rohini P Sidder	25/01/2003	F	Parameshwara ppa RK	Central Sector Scheme Of Scholarships For College And University Students	14/12/2023
10	KA202122010273018	Yeshwanth R	28/01/2003	M	Ramakrishna R	Central Sector Scheme Of Scholarships For College And University Students	05/12/2023

11	KA202122010297731	Abhishek J	31/01/2004	M	Janardhana R	Central Sector Scheme Of Scholarships For College And University Students	11/11/2023
12	KA202223000030936	Tejas Kumar. D	06/01/2005	M	Dev Kumar D V	Central Sector Scheme Of Scholarships For College And University Students	08/12/2023
13	KA202223001663541	Jaideep M C	25/12/2003	M	Channanjappa N	Central Sector Scheme Of Scholarships For College And University Students	08/12/2023
14	KA202223009377536	Kishan C C	17/06/2004	M	Chandrashekar	Central Sector Scheme Of Scholarships For College And University Students	05/12/2023
15	KA202223009555802	Dhanush T	15/02/2005	M	Thimmegowda S T	Central Sector Scheme Of Scholarships For College And University Students	05/12/2023
16	KA202223009720660	Vinayak P Kashinakunti	23/09/2002	M	Parameshwar Kashinakunti	Central Sector Scheme Of Scholarships For College And University Students	11/11/2023
17	KA202223009801318	Ajay M	31/01/2005	M	Muralidhar T N	Central Sector Scheme Of Scholarships For College And University Students	14/12/2023
18	KA202223009802410	Gnana Varun M	13/11/2003	M	Muthuraj A	Central Sector Scheme Of Scholarships For College And University Students	04/12/2023
19	KA202223009814183	Shwetha A R	09/07/2004	F	Ranganatha A	Central Sector Scheme Of Scholarships For College And University Students	05/12/2023

20	KA202223009841523	Chandana H S	25/04/2004	F	Somashekar H L	Central Sector Scheme Of Scholarships For College And University Students	14/12/20 23
21	KA202223009850562	Ujwal H M	09/10/2003	M	Manjunath D	Central Sector Scheme Of Scholarships For College And University Students	20/12/20 23
22	KA202223009884899	Swathi P M	07/12/2003	F	Panduranga S K	Central Sector Scheme Of Scholarships For College And University Students	05/12/20 23
23	KA202223009886435	Keerthi C G	12/11/2003	F	Gopalkrishna R	Central Sector Scheme Of Scholarships For College And University Students	26/12/20 23
24	KA202021004606058	Bhagyashri Shetty H	11/12/2002	F	Udaya Kumar Shetty H	Pragati Scholarship Scheme For Girls(Degree) For Technical Education	30/10/20 23
25	KA202021010403014	Pruthvi K	22/04/2002	F	Keshava A P	Pragati Scholarship Scheme For Girls(Degree) For Technical Education	05/12/20 23
26	KA202021011872147	Sahana V P	28/04/2002	F	Vali Shiva Prakash	Pragati Scholarship Scheme For Girls(Degree) For Technical Education	05/12/20 23
27	KA202122009809398	Rakshitha Patel	08/07/2003	F	Ganesh Patel	Pragati Scholarship Scheme For Girls(Degree) For Technical Education	11/11/20 23
28	KA202223000069574	Bhoomika Subramanya	31/07/2004	F	N Subramanya	Pragati Scholarship Scheme For Girls(Degree) For Technical Education	26/12/20 23
29	KA202223002782947	Pavithra R	25/06/2004	F	Rajashekar H	Pragati Scholarship Scheme For Girls(Degree) For Technical Education	08/01/20 24

30	KA202223009559052	Vijetha R Nath	21/08/2003	F	N R Ranganatha	Pragati Scholarship Scheme For Girls(Degree) For Technical Education	31/10/20 23
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KARNATAKA LABOUR WELFARE BOARD

SL NO.	NAME	MARKS	PRESENT CLASS	AMOUNT
1	Goutham Kumar D N	73 %	Engineering 3rd Sem	20000
2	Jocelyn Parsons	87 %	Engineering 3rd Sem	20000
3	Manu Venkat Prasad S	422 %	Engineering 1st Sem	20000
4	Varsha P	83 %	Engineering 3rd Sem	20000
5	Nikruth Y N	76 %	Engineering 5th Sem	20000
6	Prajwal N	83 %	Engineering 5th Sem	20000
7	Manoj Kumar N	74 %	MCA 1st Sem	12000
8	Gondhi Nesara	1800 %	Engineering 5th Sem	20000
9	Rohith Kumar S	86 %	Engineering 3rd Sem	20000
10	Manthesh V	72 %	Engineering 3rd Sem	20000
11	Shakthi S	89 %	Engineering 3rd Sem	20000
12	Dileep Kumar S	60 %	Engineering 3rd Sem	20000
13	Dashwanth M B	55 %	Engineering 5th Sem	20000
14	Spoorthy AV	89 %	Engineering 5th Sem	20000
15	Darshan P Y	68 %	Engineering 3rd Sem	20000
16	Shankar D	76 %	Engineering 7th Sem	20000
17	Badri H S	80 %	Engineering 3rd Sem	20000
18	Shashank Gowda Dc	504 %	Engineering 1st Sem	20000
19	Brijesh M	57 %	Engineering 1st Sem	20000
20	Kanishka Mourya S	87 %	Engineering 4th Sem	20000
21	Bharath Kumar P	539 %	Engineering 1st Sem	20000
22	Kruthika G	85 %	Engineering 3rd Sem	20000
23	Jithin G T	61 %	Engineering 1st Sem	20000
24	Hrushikesh Upadhyia	74 %	Engineering 2nd Sem	20000
25	Harshala V	92 %	Engineering 1st Sem	20000
26	Nikitha H S	78 %	MBA 3rd Sem	12000
27	Nithesh.N	76 %	Engineering 8th Sem	20000
28	Rakshitha V	578 %	Engineering 1st Sem	20000
29	Nanda Kumar N	93 %	Engineering 1st Sem	20000

Farewell- 2024



DEPARTMENT OF PHYSICS

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 foundation 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 _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 Choudary		Professor	M.Sc. Ph.D	28
2	Dr. Prasanna Kumar.S		Professor	M.Sc. Ph.D	28

3	Dr. Shashidhar R		Associate Professor & Head	M.Sc. Ph.D	28
4	Mr. Raveesh S		Assistant Professor	M.Sc.	Deputed to JSSMVP
5	Dr. Abhilasha Singh		Assistant Professor	M.Sc. Ph.D	9
6	Mrs. Sushma K C		Assistant Professor	M.Sc Ph.D	14
7	Mr. Mohana Kumara LB		Assistant Professor	M.Sc	10

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	6
2	Mr. Bhaskar		Instructor	BE-ME	7
3	Mr. Shivamurthy		Helper	ITI	13
4	Mrs. Shanthamma. C		Peon	SSLC, I PU	28

RESEARCH PUBLICATIONS/CONSULTANCY/PATENTS/FUNDED PROJECTS

Journal Publications: 2024

1. Prakasha G.S, Shashidhar R, Madhukeswara R.S, Influence of isochronical 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>
2. Nityanand Choudhary, Detection and Enhancement of latent fingerprint by powder method using bio-synthesized spherical-shaped bismuth oxychloride nanoparticles, Nursing Research and Practice, 10.21203/rs.3.rs-4685142/v1
3. Sadhna Tiwari, Saransh Saxena, Shivangi Tripathi, Govind Pathak, Abhilasha Singh, Sandeep Kumar, Rajeev Manohar, Investigation of electro-optical and dielectric properties of pure and dispersed nematic liquid-crystal, Liquid Crystals, <https://doi.org/10.1080/02678292.2024.2369957>
4. Abhilasha Singh, Thermodynamic model for electro-optical properties of antiferroelectric phase in mesogen W-330-3 and W-331-3, Soft Materials, <https://doi.org/10.1080/1539445X.2024.2360010>
5. R.S Madhukeshwara, Shashidhar R, A. Raghu and G.S. Prakasha, Influence of air annealing on the microstructural, morphological, compositional, optical and electrical properties of spray deposited CuO thin films and their utility as MOM gas sensors, Emergent Materials, <https://doi.org/10.1007/s42247-024-00738-6>.
6. Prakasha G S, Shashidhar R, Madhukeshwara R S, Effect of post air annealing on the characteristics of spray deposited ZnO thin films and their use as MOS Ethanol gas sensor, Indian Journal of Pure and Applied Physics, Volume: 62, 2024, pp 212-221.
7. S. Prasanna Kumar and T.K. Umesh, Studies on the Incoherent scattering of Some Steel alloys for Compton Effect in the incident angular range 600-- 1000, Aegaeum Journal, Volume: 12, Issue 2, 2024, pp 43-46.

Journal Publications: 2023

1. S. Uday Balegar, N. Srinatha, R. Shashidhar and A Raghu, Annealing temperature dependent structural and optical characteristics of spray pyrolyzed ZnO thin films, Materials Today Proceedings, Volume:92, 2023, pp 1453-1458.
2. Abhilasha Singh, Ayushi Rastogi and Shri Singh, Thermodynamic model to study the structural and electro-optical properties of chiral antiferroelectric smectic C phase exhibited by mesogenic homologous series 3FnHBM6(s) and W-316 mixture, Phase Transitions, Volume:96, 2023, pp 720-730.
3. Anand B C, R Shashidhar, Nityanand Choudhary, Application of SRCBD S: SnO₂ nanostructured Thin Films as Room Temperature Gas and Humidity Sensors, Journal of the Korean Physical Society, Volume:82, 2023, pp 392-410
4. Anand B C, R Shashidhar, Nityanand Choudhary, Positive impedance and low hysteresis MoS type humidity sensors via SRCBD poly crystalline Sn_xO_y thin films, Digest Journal of Nanomaterials and Biostructures, Volume: 18, Issue:1, 2023 pp 695-699
5. K C Sushma, R.B. Basavaraj, D.P. Aarti, M.B. Madhusudhana Reddy, G. Nagaraju, M.S. Rudresha, H.M. Suresh Kumar and K.N. Venkatachalaiah, Efficient red-emitting SrZrO₃:Eu³⁺ phosphor structures for display device applications, Journal of Molecular Structure, Volume:1283, 2023 pp 135192

FACULTY ACHIEVEMENTS –

1. Ms. Sushma KC completed PhD with the thesis titled “Synthesis of doped Strontium Zirconates (SrZrO_3) for multifunctional applications” from Sri Siddhartha Academy of Higher Education, Tumkur.



2. Mr. Anand B C (1JS17PGA02) completed PhD with the thesis titled “Microstructural, Compositional, Electrical & Optical Characterization of Doped & Undoped Tin Dioxide Thin Films Prepared by Spray Pyrolysis and Chemical Bath Deposition Techniques towards the Development of Sensor and Solar Cell from JSS Academy of Technical Education, Bangalore.

Guide: Dr. R Shashidhar

Co-Guide: Dr. Nityanand Choudhary



3. Mr. Mohanakumara LB pursuing P.hd in Department of Physics, Jnana Bhrathi, Bangalore University, Under the guidance of Dr. Susheela K Lenkenavar, Assistant Professor, Bangalore University and has completed Course work .



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

JSSATE
BENGALURU







JSS MAHAVIDYAPEETHA, MYSURU

JSS ACADEMY OF TECHNICAL EDUCATION BENGALURU


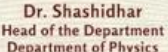
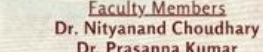
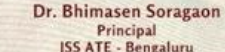

DEPARTMENT OF PHYSICS

Congratulations

to toppers in Introduction to Nanotechnology
VTU 1st Semester Examination May - 2023

 Mr. Mutturaj IJS22CI039 95 Marks	 Mr. Chandrashekhar K E IJS22IS031 98 Marks	 Ms. Nishmita Kotari IJS22IS083 100 Marks	 Ms. Prathvi IJS22IS098 100 Marks	 Mr. Ashutosh P IJS22IS019 97 Marks	 Mr. Aryan Prasad IJS22CI013 96 Marks
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Institution is proud of your achievement

 Ms. Sanjana P IJS22CI059 95 Marks	 Dr. Shashidhar Head of the Department Department of Physics	 Faculty Members Dr. Nityanand Choudhary Dr. Prasanna Kumar	 Dr. Bhimasesn Soragaon Principal JSS ATE - Bengaluru	 Ms. Shreya P IJS22CI069 95 Marks
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JSSATE
BENGALURU

Department of Physics

Congratulations!

Toppers in Physics 2nd Sem Examination, July 2024

Appeared: 478
 Pass: 470
 FCD: 415
 FC: 46
 Pass %: 98.32

Club of 90
131

 Pruthvi Upadhya IJS23CS121 100 Marks	 Moksha L S IJS23CS093 100 Marks	 Meghana Y R IJS23CS087 100 Marks	 Bhoomika B R IJS23IS030 100 Marks	 Shubham Vatsa IJS23IS163 100 Marks	
 Chindanuru Sanjana IJS23CS034 99 Marks	 Abhishek R IJS23CS004 99 Marks	 Siri V IJS23CS164 99 Marks	 Varsha G IJS23IS183 99 Marks	 Monica C R IJS23CI051 99 Marks	 Anurag Jaiswal IJS23IS015 99 Marks
 Amulya M IJS23CS008 98 Marks	 Chaitra Harshitha IJS23CS026 98 Marks	 Rakshitha B IJS23CS130 98 Marks	 Kushal Gowda L IJS23IS073 98 Marks	 Harshitha D S IJS23IS055 98 Marks	 Mouriya R IJS23IS095 98 Marks

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

Events Conducted at Department of Physics (2023-2024)

Open Day Event visit to IISc, Bangalore: Around 34 students from EIE Branch and 10 students from Civil Branch visited Open Day Programme on 4th March, 2023 (Saturday) at IISc Bangalore. Faculty Coordinator: Dr. Abhilasha Singh and Mohanakumara LB. Students witnessed various stalls/labs to enrich their knowledge.



Industrial/Campus Visit to Indian Institute of Astrophysics, Bangalore: Industrial/campus visit to Indian Institute of Astrophysics, Bengaluru was arranged on 17.08.2023 for the students of Information Science Engineering. A total of 33 students along with the faculty Coordinators Dr. S PrasannaKumar, Professor & Mr. Mohanakumara LB, Assistant Professor



Open Day Event visit to IISc, Bangalore: Students of first year BE witnessed Open Day Programme on 24th Feb, 2024 (Saturday) at IISc Bangalore. Faculty Coordinator: Dr. Abhilasha Singh and Mohanakumara LB. Students witnessed various stalls/labs to enrich their knowledge.



Expert talk on India's Hatrick achievements in space-Chandrayaan 3, Aditya and Xpospat by Dr B.R.Guruprasad, Director, Jawaharlal Nehru Planetarium



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 2024 Program was arranged for students of JSS School, Ganakal, and Bangalore. Program was jointly organized by NSS and department of Physics.

Resource person: Dr.R Shashidhar, ASP and Head, Department of Physics, JSSATE, Bangalore-60.



Results –

RESULT ANALYSIS 2023-2024 (ODD)

Section	No. of Students	Students appeared	Fail percentage	FCD	FC	SC	Pass	Fail	Result Percentage
ECE	190	189	10.58	107	50	12	169	20	89.42
EIE	63	63	9.05	19	27	5	51	12	80.95
MECH	35	35	34.0	9	9	5	23	12	66.0
RA	25	24	12.5	17	4	-	21	3	87.5
CIVIL	26	22	22.7	4	8	5	17	5	77.3
TOTAL	339	333	15.32	156	98	27	282	52	84.68

RESULT ANALYSIS 2023-2024 (EVEN)

Section	No. of Students	Students appeared	Fail percentage	FCD	FC	SC	Pass	Fail	Result Percentage
CSE	193	193	2.08	181	6	2	189	4	97.92
ISE	190	190	0.43	155	30	4	189	1	99.47
AIML	95	95	0.06	79	10	5	94	1	98.94
TOTAL	478	478	1.68	415	46	11	470	6	98.32

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	27	
2	Dr. Roopashree B	M.Sc., Ph.D. (Co-ordination and Bio-Inorganic Chemistry)	Associate Professor & HOD	28	

3	Dr. Kathyayani D	M.Sc., Ph.D. (Peptide synthesis)	Assistant Professor	15	
4	Dr. Puneetha J	M.Sc., Ph.D. (Nanomaterial synthesis for Environmental remediation)	Assistant Professor	15	
5	Dr. Chamaraja N. A	M.Sc., Ph.D. (Analytical Chemistry)	Assistant Professor	16	
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	24	
2	Mr. Manjunatha	DME	Lab Instructor	15	
3	Mr. Suresha C.S.	B.A., B.Lib.,	Lab Helper	7	

RESEARCH PUBLICATIONS/CONSULTANCY/PATENTS/FUNDED PROJECTS

1. **Roopashree, B., Mahesh, B.,** Ramu, R., Rekha, N. D., Manjula, S. N., Preethi, G., & Gayathri, V. (2024). An insight into the cytotoxic, antimicrobial, antioxidant, and biocontrol perspective of novel Iron (III) complexes of substituted benzimidazoles: Inhibition kinetics and molecular simulations. *Journal of Biomolecular Structure and Dynamics*, 42(21), 11538-11554.
2. Afroz, L., Khan, M. H. M., **Roopashree, B., Puneetha, J.,** & Patel, B. (2024). Adsorption and Biological Evaluation on the Malachite green dye using CuO-ZnO Nanoparticles.
3. Asha, S. C., **Mahesh, B.,** Ravikumar, C. R., **Chamaraja, N. A.,** Anand Murthy Green Synthesis of Calcium Oxide Nanoparticles using Ocimum sanctum leaves extracts: Photocatalytic and electrochemical sensor applications. *Journal of Materials Science: Materials in Electronics*, 2024, <https://doi.org/10.1007/s10854-024-13374-x>
4. **Kathyayani, D., Mahesh, B.,** Sionkowska, A., Manjula, S. N., Veeranna, S., & Vicini, S. Insights into the Physicochemical Characteristics and Miscibility of Chitosan/Polypeptide Blends: Promising Material for Wound Healing in Sprague-Dawley Rats. *ACS biomaterials science & engineering*. <https://doi.org/10.1021/acsbiomaterials.4c01123>
5. Shubha, J. P., **Roopashree, B.,** Sushma, N. V., Kiran, K., Ravikumar, R., Kuniyil, M., Mohammed Rafi Shaik, Mujeeb Khan, Adil, S. F. (2024). Photocatalytic and eco-emission applications of green synthesized ZnO-CB nanoparticles. *Journal of King Saud University-Science*, 36(9), 103373. <https://doi.org/10.1016/j.jksus.2024.103373>
6. Kavya, H. V., Sachhidananda, S., Sangamesha, M. A., Rekha, N. D., Kendagannaswamy, B. K., **Chamaraja, N. A.** & Mallesha, L. (2024). Optical, electrical, and biological properties of PVP-PVA/Ca-doped CoO nanocomposites for opto-electronic and biological applications. *Ionics*, 1-11. <https://doi.org/10.1007/s11581-024-05746-4>
7. Manjunatha, A. S., Prakruthi, P. R., **Puneetha, J.,** Shashank, M., & Nagaraju, G. (2024). Cocos nucifera mediated green synthesis and characterization of BiOCl-Fe₂O₃ nanocomposite for photocatalytic dye degradation and electrochemical sensing of dopamine. *Sustainable Chemistry for the Environment*, 7, 100138. <https://doi.org/10.1016/j.scenv.2024.100138>.
8. Surendra, D. M., Kumar, C. P., Nandini, C., **Chamaraja, N. A.,** Raghu, A. V., Majani, S. S., ... & Kollur, S. P. (2024). Synthesis, characterization, and assessment of anticancer potency of oxcabazepine with folic acid conjugated Fe₂O₃ nanostructures as nano-drugs. *Journal of Molecular Structure*, 1306, 137842. <https://doi.org/10.1016/j.molstruc.2024.137842>
9. Nanjundaswamy Gumatapura Siddamallappa, **Mahesh Basavaraju,** Alina Sionkowska, Channe Gowda Dase Gowda, (2024). A review on synthetic polypeptide-based blends with other polymers: Emerging trends and advances. *European Polymer Journal*, 113225. <https://doi.org/10.1016/j.eurpolymj.2024.113225>
10. **Chamaraja, N. A.,** Khan, M.M., Hemalatha, H.N. *et al.* Ca-doped ZnO nanoparticles for MB dye degradation and adsorptive removal of tinidazole. *Environ Monit Assess* **196**, 710 (2024). <https://doi.org/10.1007/s10661-024-12843-4>
11. **Puneetha, J.,** Kottam, N., & Rajendrachari, S. (2024). Modern trends in carbon nanostructured material-based electrochemical biosensing systems. *Novel Nanostructured Materials for Electrochemical Bio-Sensing Applications*, book chapters, 21-36.

12. Divakara, S. G., & **Mahesh B.** (2023) A comprehensive review on current trends in greener and sustainable synthesis of ferrite nanoparticles and their promising applications, *Results in Engineering*, 101702
13. **Kathyayani, D., Mahesh, B.,** Gowda, D. C., Sionkowska, A., & Veeranna, S. (2023) Investigation of miscibility and physicochemical properties of synthetic polypeptide with collagen blends and their wound healing characteristics, *International Journal of Biological Macromolecules*, 125704. <https://doi.org/10.1016/j.ijbiomac.2023.125704>
14. Surendra, D. M., **Chamaraja, N. A.,** Yallappa, S., Bhavya, D. K., Joseph, S., Varma, R. S., & Patel, B. B. (2023). Efficacy of phytochemical-functionalized silver nanoparticles to control Flacherie and Sappe silkworm diseases in *Bombyx mori* L. larvae. *Plant Nano Biology*, 5, 100048.
15. Lakshminarayana, Shilpa Madhugiri, **Roopashree Boregowda,** and Gayathri Virupaiah. (2023). "Reusable palladium–quinoyl benzimidazole complex immobilized on a polymer for the hydrogenation of organic substrates." *Chemical Papers*, 1-13. <https://doi.org/10.1007/s11696-023-02721-7>
16. Yaidikar, Lavanya, Pydiraju Kondrapu, Astha Mishra, Pramod Bhaskar Kumar, Arshad Ahmad, K. A. Shaima, **N. A. Chamaraja,** and Shubhangi Tripathi. (2023) "Screening and discovery of novel carbamate compounds for cancer therapy." *Journal of Cardiovascular Disease Research*, 678-697.
17. **Siddegowda Kathrikenahalli Somashekarappa, Mahesh Basavaraju, Chamaraja Nelligere Arakeshwaraiiah,** Roopa Kotthathi Papanna, Kumara Swamy Ningappa, Divakara Soorly Gopala, Jayarame Gowda (2023). Rapid Electrochemical Investigation of Gemfibrozil Using NiONPs/Multiwalled Carbon Nanotube Modified Carbon Paste Electrode: Analysis of Human Urine Sample and Antimicrobial Activity. *Chemistry Select*, 8(48), e202302407.
18. Kokila, N. R., **Mahesh, B.,** Ramu, R., **Roopashree, B.,** & Mruthunjaya, K. (2023). α -Amylase inhibitory potential of *Thunbergia mysorensis* leaves extract and bioactive compounds by in vitro and computational approach. *Journal of Biomolecular Structure and Dynamics*, 1-17. <https://doi.org/10.1080/07391102.2023.2190408>

FACULTY ACHIEVEMENTS

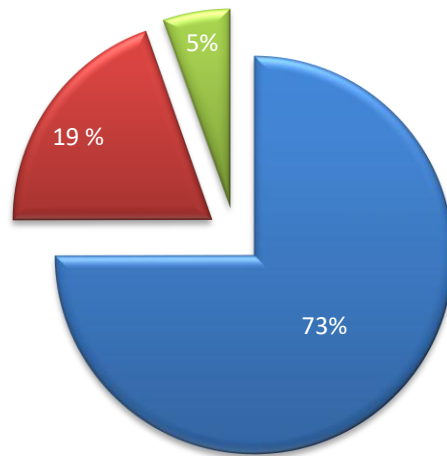
- "Silver Medal" is awarded to **Dr. Kathyayani D and Dr. Mahesh B,** for the project titled "Insights into the physicochemical characteristics and miscibility of chitosan/polypeptide blends: Promising material for wound healing" under the category of invention and technology called "Healthy Society" at the annual International Exhibition of Inventions and Technology InnoWings held on June 06-07, 2024, at Lublin University, Poland.
- **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 second consecutive time in October 2024
- **Dr. Mahesh B.,** was invited to the University of Miyazaki, Japan under the SAKURA SCIENCE Exchange from November 10th 2024 to November 16th 2024.

RESULTS:

Result analysis of I/II Semester (2023-24)

	EXAM APPEARED	FCD %	FC %	SC %	PASS	FAIL	ABSENT	%PASS
CSE	193	151	29	8	0	5	0	97.41
ISE	189	132	44	9	1	3	2	98.41
AIML	95	69	16	6	1	3	2	96.84
ECE	188	152	26	9	0	1	0	99.47
EIE	62	42	16	3	0	1	0	98.39
MECH	35	13	11	4	0	7	0	80.00

ROBOTICS	24	17	4	1	0	2	0	91.67
CIVIL	19	8	7	2	0	2	1	89.47
TOTAL	805	584	153	42	2	24	5	97.02



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

5th Popular Lecture series 22.07.2023 “Understanding and Managing Stress Effectively” by Dr. Paulomi M Sudhir, Professor at Department of Clinical Psychology, NIMHANS, Bengaluru.



“National Science Week and Science Day-2024” Celebration from 27.03.2024 to 06.04.2024 and expert talk by Dr. B R Guruprasad, Director, Jawaharlal Nehru Planetarium, Bengaluru on 05.04.2024 and Mr. Rajeev Deekshit, CMD, Pyro eco-green technologies PVT Ltd, Bengaluru on 06.04.2024



"National Science Fair-23" was conducted between 31st August to 2nd September 2023 and was inaugurated by **Padmashri Dr. Ayyappan S**, Chairman Karnataka Science & Technology Academy, Bengaluru, Chancellor Central Agricultural University, Impal, Former Secretary, DARE & Director General, ICAR; President, National Academy of Agricultural Sciences, New Delhi. National Science Fair-23 embody Exhibition, Technical Talk, Hands on activity on Science, Technology, Education, Arts and Maths, Sky watch and HAM radio



The "National Science Fair-24" was conducted from 25th to 27th August 2024 and was inaugurated by **Sri A. S. Kiran Kumar**, Padma Shri awardee and former ISRO Chairman, Bengaluru. National Science Fair-24 embodies Exhibition, Technical Talk, Unmasking Pseudo Miracles, the Importance of hygiene and anxiety management, Hands-on activity on Science, Technology, Education, Arts and Maths, Skywatch and HAM radio.



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 igniting 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. Department offers a rigorous curriculum designed to cultivate critical thinking, problem-solving skills of the fundamentals which is of primary importance and provides the backbone of their academic journey for any branch of science. The faculty members are active in their respective domain of research and 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 knowledge gained is transformed to the students 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 competitions and publication. The department organizes Guest lecturers, workshops, FDP etc on different topics 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) etc so that students receive a comprehensive education that covers a wide spectrum of topics.

VISION, MISSION OF THE DEPARTMENT





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








Mission:

M-1: To inspire students to gain in depth knowledge in Mathematics for engineering applications.

M-2: 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: Mrs. A Radhika Designation: Assistant Professor Qualification: M.Sc, B.Ed., MBA, Ph.D Experience: 3 Years	
Name: Mrs. Kavya N R Designation: Assistant Professor Qualification: M.A in English Experience: 6 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. Dr. C V Vinay Comparative heat transfer analysis of Fe₃O₄/Graphene-water hybrid nanofluid in unsteady hydrodynamic Lapwood-Brinkmann Forchheimer medium over a curved elongating region International Journal of Ambient Energy Vol:45(1),pp.2304714.Impact factor:3.63.
2. Dr. Nandini P A certain subclass of Bi-univalent functions associated with Chebyshev polynomials South East Asian Journal of Mathematics and Mathematical Sciences Vol 20, Issue-1,pp 71-80, year:2024 Impact factor:0.21.
3. Dr. Shalini M Patil Prediction of heat exchanger Efficiency using laminar heat transfer in swirling flow of radiated graphene oxide with nano fluid additives using machine learning technique Numerical heat Transfer Part B: Fundamentals <https://doi.org/10.1080/10407790.2024.2377792> Date of publication: 17 th July 2024, IF :1.01Q3, SCI expanded.
4. Dr .B. Umadevi Climate Change Prediction in Sustainable Healthcare Systems for Biodiverse Ecosystem Based on Satellite Data Modelling Remote Sensing Earth Systems and Sciences Aug 2024 <https://link.springer.com/article/10.1007/s41976-024-00120-4>, Volume-7, Issue-4 Year-2024.
5. Dr. Nandini P Chebyshev polynomials and bi-univalent functions associating with q-derivative operator South East Asian Journal of Mathematics and Mathematical Sciences Volume-20, Issue-2, Year-2024, Page No.143-154, Scopus (Q-4)

FACULTY ACHIEVEMENTS

We are thrilled to inform you that our team has been selected among the top 30 teams in the AICTE Inventors Challenge 2024, organized by the ARM Community and ST Micro electronics. This is a significant achievement for our team and a proud moment for JSS Academy of Technical Education, Bangalore, as we have been invited to present our project in Noida on November 14th, 2024. This opportunity allows us to represent our college on a national platform and showcase our innovation.

Mentor: Dr. B Umadevi

N Karthik (1JS22CI040); Tejas S (1JS22EI049); Vikram Kharvi (1JS22EI054)

RESULT ANALYSIS

#	Subject	Semester	Pass Percentage %
1	Mathematics I	I	87%
2	Mathematics II	II	92.5 %
3	Mathematics III	III	86%
4	DMS	IV	93.5%

Events conducted

Sl No	Date	Program Conducted	Resource Persons	Expenditure (in Rs.)	Impact of the Program
1	29-07-24 to 31-07-24	3 Day FDP	Prof. Elangovan Dr. Veerappa Gouda Dr. P.G.Siddheshwar	Rs. 29,373/-	promote teaching practices that enhances student engagement and comprehension, such as flipped classrooms, active learning, and assessment strategies. Faculty can immediately apply these strategies, which may improve student outcomes and satisfaction.
2	20-12-23 to 22-12-23	National Mathematics Week	Dr. Arulalan Rajan, Faculty, IISc, Bengaluru	Rs. 4854/-	He enlightened us about Prime Numbers, Ramanujan's Number, and his theories.
			Departments of Mathematics & ISE		Biographical film based on the life of Indian Mathematician Srinivasa Ramanujan.
			Mrs. A Radhika, Assistant Professor, Department of Mathematics, JSSATEB		1.Quiz Competition on theme: Life of Srinivasa Ramanujan 2. Poster Making Competition on the theme: Mathematics She displayed various documents connected with Ramanujan, which include his marks card, appreciation letters, recommendation letters, and his books in which over 3400 Theorems were written by Ramanujan. She enlightened our students about various techniques of Vedic Mathematics through which the square roots, cube roots of numbers, and multiplication of large numbers could be solved easily.

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.	14


#	Photograph	Faculty Name	Designation	Qualification	Total Experience
2		Dr. Sanjay Shekar N C	Associate Professor & HOD	B.E., M.Tech., Ph.D.	12
3		Dr. Hemalatha H N	Associate Professor	B.E., M.Tech., Ph.D.	16
4		Dr. Abdul Razak B H	Assistant Professor	B.E., M.Tech., Ph.D.	13
5		Dr. Shashikumara S R	Assistant Professor	B.E., M.E., Ph.D.	17
6		Mrs. Rashmi S M	Assistant Professor	B.E., M.Tech. (Ph.D.)	8
7		Mr. Abhishek R	Assistant Professor	B.E., M.Tech. (Ph.D.)	8
8		Ms. Harshitha M N	Assistant Professor	B.E., M.Tech. (Ph.D.)	8

#	Photograph	Faculty Name	Designation	Qualification	Total Experience
9		Mr. Pramukh N	Assistant Professor	B.E., M.Tech. (Ph.D.)	7
10		Mrs. Apoorva S	Assistant Professor	B.E.,M.Tech. (Ph.D.)	9
11		Mr. Basavaraj Akki	Assistant Professor	B.E., M. Tech. (Ph.D.)	7
12		Dr. P Nagabhusan	Assistant Professor	M.Sc.,Ph.D., PGDH,B.LISc.	32

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

#	Photograph	Name	Qualification	Designation	Total Experience
1		Mr. Jhenkar S K	DCE, B.E	Foreman	8
2		Mr. Mallesh T V	DME	Instructor	11
3		Mrs. Yashumathi V	DCE	Instructor	9

#	Photograph	Name	Qualification	Designation	Total Experience
4		Mr. Keerthi Kumara K N	DCE	Instructor	15
5		Mr. Mahesha	DCE	Instructor	7
6		Ms. Tejashwini K S	DCE	Instructor	6
7		Mr. D P Prakash	ITI	Helper	16
8		Mr. Mahadevaswamy S	ITI	Helper	15
9		Mr. Vinay M S	ITI	Helper	13
10		Mr. Mahadevaswamy B	ITI	Helper	7

#	Photograph	Name	Qualification	Designation	Total Experience
11		Mr. Chaluvaraju V	SSLC	ATTENDER	27

NUMBER OF STUDENTS ON ROLL:

TOTAL: 151

GIRLS: 39

BOYS: 112

RESEARCH PUBLICATIONS/CONSULTANCY/PATENTS/FUNDED PROJECTS

1. Mr. Basavaraj A Ms. Rashmi S. M.Mr. Pramukh N., Road Safety Measures In Urban Scenario - A Case Study In Bengaluru i-manager's Journal on Civil Engineering, Vol. 13 No. 1 <https://doi.org/10.26634/jce.13.1.19292>
2. S R Shashikumara, R Abhishek, S Vivek V K Nagaraj and K C Sachin Statistical Analysis on the influence of recycled concrete aggregate on the cement properties Book chapter, Recent advances in Civil engineering, Lecture notes in Civil engineering, 256 Scopus.
3. Mr. Pramukh N, R Abhishek, V K Nagaraj S R Shashikumara Experimental study on the influence of polypropylene and steel fiber on flexural behaviours of high strength concrete beams Materials today: Proceedings Volume 8, Part 1,2023, pages 85-92.
4. Rashmi S M Study on comparison of life cycle cost between white topping and bituminuos overlays International Journal for research in applied science and engineering Technology (IJRASET) Volume 11 Issue 1 ISSN:2321-9653.
5. Dr. Hemalatha H N Ca-doped ZnO nanoparticlesfor MB dye degradation and adsorptive removal of tinidazole Environmental Monitoring and Assessment July 2024.

CONSULTANCY

#	Faculty	Nature of Consultancy Work	Amount Generated
01	Dr. Santhosh B S	NDT and Building Materials Testing	38,423.00
02	Dr. Hemalatha H N	NDT	11,800.00
03	Dr. Shashikumara S R Mr. Abhishek R Mr. Pramukh N	Third Party Inspection, QA&QC, NDT and Building Materials Testing	16,11,493.00
04	Mrs. Rashmi S M	Building Materials Testing	2,124.00
05	Mrs. Apoorva S	Water Quality Testing, NDT and Building Materials Testing	12,980.00
Total			16,76,820.00

PATENTS

#	Faculty/ Collaboration Names	Title of the Patent	Patent Area (Specialization)	Status (Granted/ Published)
01	Mrs. Rashmi S M Mr. Dhananjay M Ms. Nisarga P	Laboratory evaluation of performance and use nylon fibres in CC Pavements	Concrete Technology	Published
02	Dr. Shashikumara S R Mr. Abhishek R Mrs. Apoorva S	Equipment for high-performance geopolymer concrete reinforcement	Concrete Technology	Granted
03	Dr. Hemalatha H N	Novel System And Method pf Treatment of Soaps and Detergent Industrial Wastewater by Biosynthesized Copper Nanoparticles	Environmental Engineering	Published

FUNDED PROJECTS

SI No	Funding for	Funding agency	FDP Title & Details	Funds received Rs.
1	Event	Defence Research and Development Organisation (DRDO), Government of India	Advances in Landslide Risk Assessment and Mitigation. The Workshop is scheduled from 11th Sept 2023 to 15th Sept 2023	30,000/-
2	Event	Department of Science & Technology, Government of India	“Geospatial Technology for Environmental Monitoring and Conservation” on the occasion of “World Environment Day” on June 5th 2024	1,00,000/-

FACULTY ACHIEVEMENTS

#	Faculty	Achievements
01	Dr. Santhosh B S	<ul style="list-style-type: none"> • 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	<ul style="list-style-type: none"> • 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. Shashikumara S R	Organized a Four 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), Mudelahalli from 11.12.2023 to 06.01.2024. Fund Received: ₹1,00,000

#	Faculty	Achievements
04	Dr. Basavaraj Akki	Certified Road Safety Auditor from Central Road Research Institute - New Delhi.

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

CO-CURRICULAR ACTIVITIES

#	Student Name	Achievements
01	Ms. Nidi Buvila S	<ul style="list-style-type: none"> • Won Silver medal in Dasara CM Cup (State Level) Lawn Tennis Tournament, Held in Mysore from 3rd October to 9th October 2024. • 1st Place in tennis tournament (Trophy & Cash Reward) at REVEL CUP organized by MIT College Mangalore • Participated in 18th junior soft tennis nationals held in Vijayawada from 15/10/2023 to 20/10/2023. Won Bronze medal in team event as Karnataka Captain

RESULTS:

Semester	I	II	III	IV	V	VI	VII	VIII
% of results	32	47	41	38	60	88	79	91

PLACEMENTS:

Intake	60
Total No. of students	66
No. of students Registered	66
Total Eligible	20
Total Placed	13
Multiple Offers	-
Salary Offered (Lowest – Highest)	1,80,000-3,00,000
No. of companies Visited	02

HIGHER STUDIES:

#	USN	STUDENTS NAME	COURSE	INSTITUTE
01	1JS20CV001	AKSHAY KUMAR S	M.Tech	Manipal institute of technology, Manipal
02	1JS20CV006	AYESHA SIDDIQUA	M.Tech	University of Visvesvaraya College of Engineering (UVCE), Bengaluru
03	1JS20CV009	BHUMIKA RAJ H D	M.Tech	Manipal institute of technology, Manipal
04	1JS20CV013	DHANYA M GOWDA	M.Tech	Dr. Ambedkar Institute of Technology, Bengaluru
05	1JS20CV021	KANTHRAJ H Y	M.Tech	SJB Institute of Technology (SJBIT), Kengeri, Bangalore
06	1JS20CV023	M D UDAY	M.Tech	Manipal institute of technology, Manipal

PROFESSIONAL BODIES LIST/ EVENTS:

#	Name of Professional Body	Details of Activities and Events Conducted
01	Association of consulting Civil Engineers (I).	Nil
02	Indian Concrete Institute, Bangalore Centre	ICI Foundation Day Lecture on High Performance concert – Industry Perspective organized on 07.09.2023
03	Builders Association of India	Internships: 08 Participation of Students and Staffs in Technical Events organized by BAI

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.

Events Conducted

The Department of Civil Engineering, in association with the Civil Engineering Association - JSSATEB, organized an alumni engagement session on "Civil Engineering Skillssets for Employability" on 18th July 2024 in Room C204, Academic Block C.



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

Industrial Visit: Industrial Visit to: Karnatak Ready Con Mix, kumbalgudu

Date: 14.06.2024

Students were taken to an industrial visit to a Ready Mix Concrete (RMC) plant which provides valuable insights into the production process, operations, and technology behind concrete manufacturing. The visit will give you hands-on exposure to the operational and technological aspects of RMC plants. You'll gain a deeper understanding of how high-quality, durable concrete is produced and the importance of quality control in the construction industry.



Expert talk: 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, 2023 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.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: “Long lasting flexible pavement”

Date: 02.02.2024

Department of Civil Engineering, JSS Academy of Technical Education, Bengaluru organized Technical talk on the topic “Long lasting flexible pavement” on 2nd February 2024 at Seminar Hall, Academic Block C.

The Speaker for the event was Mr. Kishore Mahalingam, Head of the division, Smart Infra Innovations, Bangalore.

Mr. Kishore Mahalingam, Head of the division, Smart Infra Innovations, Bangalore shared industrial applications and advantages of Stone Matrix Asphalt (SMA) over the conventional Bituminous Concrete.



Site Visit: Site Visit to: Supa Hydro Electric Power Plant and Sharavathi Dam

Date: 05.07.2024 to 07.07.2024

Department of Civil Engineering, JSS Academy of Technical Education, Bengaluru organized a three-day site visit to the Supa Hydro Electric Power Plant and Sharavathi Dam was organized for the 6th-semester students to provide them with practical exposure to large-scale infrastructure and power generation systems. The visit took place from 5th July 2024 to 7th July 2024 and was guided by faculty members from the department.

Outcomes of the Visit

- Students gained practical knowledge of hydropower systems, operational challenges, and the integration of sustainable practices.
 - The visit reinforced theoretical concepts learned in the classroom, providing real-world applications.
 - Interactive sessions inspired several students to consider careers in renewable energy and infrastructure development.
- This visit successfully bridged academic learning with industrial exposure, offering students a holistic understanding of hydropower projects and their impact



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 at Delta 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.



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

The Department of Civil Engineering, in association with the Civil Engineering Association - JSSATEB, organized an alumni engagement session on "Civil Engineering Skillsets for Employability" on 18th July 2024 in Room C204, Academic Block C. The speaker, Er. Karthik S, an esteemed alumnus of the department and Chief Operating Officer of Sarva Homes, Bangalore, shared his expertise on the essential technical and soft skills required for employability and emphasized the importance of staying updated with industry trends. This session exemplified the significant role of alumni in guiding and inspiring current students. By sharing practical insights and professional experiences, Er. Karthik S provided valuable knowledge to help students shape their career paths. The event, coordinated by Prof. Rashmi S M, witnessed active participation from 38 students (28 from the sixth semester and 10 from the fourth semester), who engaged enthusiastically with the industry expert



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 Faculty Team, 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 Contribute 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	17	8	
2	Dr. P.B. Mallikarjuna	Professor	BE, M.Tech, Ph.D	10	13	
3	Dr. Nagasundara K B	Associate Professor	M.Sc, M.Tech, Ph.D	10	12	
4	Dr. Naidila Sadashiv	Associate Professor	BE, M.Tech, Ph.D	05	17	
5	Dr. Pradeep H.K.	Associate Professor	BE, M.Tech, Ph.D	12.8	5	

6	Dr. Rohitaksha. K.	Associate Professor	BE, M.Tech, Ph.D	11.2	1	
7	Dr. Sharana Basavana Gowda	Associate Professor	B.Sc.,BE, M.Tech, Ph.D	18	5	
8	Dr. Manjunath. B.Talawar.	Associate Professor	BE, M.Tech, Ph.D	17	1	
9	Dr. Niranjana Chanabasappa Kundur	Associate Professor	BE, M.Tech, Ph.D	24	2	
10	Dr. Sreenath M	Associate Professor	BE, M.Tech, Ph.D	12	8	
11	Dr. Abhilash. C.B	Associate Professor	BE, M.Tech, Ph.D	11.8	1	

12	Mrs. Snehalatha .N	Assistant Professor	BE, M.Tech	24	---	
13	Mrs. Bhavani .B.H.	Assistant Professor	BE, M.Tech	23	2.5	
14	Dr. Rajeshwari K.S.	Assistant Professor	BE, M.Tech, Ph.D	24	3	
15	Ms. Shanthala K V	Assistant Professor	BE, M.Tech	23	---	
16	Mrs. Pooja.H.	Assistant Professor	BE, M.Tech	18	---	
17	Mrs. Shweta S. Kaddi	Assistant Professor	BE, M.Tech	13	5	
18	Ms. Rashmi . B.N	Assistant Professor	BE, M.Tech	11	---	

19	Mrs. Renukamba P	Assistant Professor	BE, M.Tech			
20	Mrs. Ranjitha S R	Assistant Professor	BE, M.Tech	5	1.5	
21	Mrs. Namitha S J	Assistant Professor	BE, M.Tech	2.7	8.3	
22	Mrs .Impana K P	Assistant Professor	BE, M.Tech	2.5	2.5	
23	Dr. Supriya B N	Assistant Professor	BE, M.Tech, Ph.D	1.4	14	

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

SI No.	Name	Designation	Degree	Experience	Photos
1	Mr Gangadhar Swamy	Sr.System Analyst	B.E, M.Tech	20	
2	Mrs.Geetha B	Programmer	DCS, M.Sc (IT)	25	
3	Mr.Santosh T E	Instructor	DCS, B.Sc. (IT)	17	
4	Mr.Ashween Kumar	Instructor	ITI, MCA	17	
5	Ms. Pavithra M S	Instructor	DCS	12	
6	Mr. Ananda B	Instructor	B.E M.Tech.	9	
7	Mr. Channabasappa S	Instructor	DCS	9	

8	Mrs. Vidya A V	Instructor	DCS,B.E(Pursuing)	7	
9	Mr.Mahesh H P	Lab Helper	ITI, Diploma	14	
10	Mr.Dileep Kumar	Lab Helper	ITI,Diploma(Pursuing)	8	
11	Mr.Sunil B	Lab Helper	ITI,Diploma(Pursuing)	8.5	
12	Mr. Basavarajendra Prasad B	Attender	SSLC	25	

NUMBER OF STUDENTS ON ROLL:

CSE Class Strength 2023-24

Semester	Girl Students	Boy Students	Total
I Semester	85	108	193
III Semester	82	128	210
V Semester	66	137	203
VII Semester	74	131	205
Grand Total			811

TOTAL: 811

GIRLS: 307

BOYS: 504

RESEARCH PUBLICATIONS/CONSULTANCY/PATENTS/FUNDED PROJECTS

List of Publications in International Journals YEAR 2023-24

1. Pavithra G S Modugu Krishnaiah, Rekha V, Pooja S, Sharmila N, Nandini G An efficient adaptive reconfigurable routing protocol for optimized data packet distribution in network on chips International Journal of Electrical and Computer Engineering ,p-ISSN 2088-8708, e-ISSN 2722-2578. pp 305-314 Feb 2024 IJECE Scopus ESCI (Q2)
2. Prabhudev Jagadeesh Sonali Shwetapadma Rath, Enhancing data security in SAP-enabled healthcare systems with cryptography and digital signatures using blockchain technology International Journal of Systematic Innovation Vol. 8 No. 1 (2024), [https://doi.org/10.6977/IJoSI.202403_8\(1\).0004](https://doi.org/10.6977/IJoSI.202403_8(1).0004) pp 36-48 Jan 2024 IJoSI Scopus.
3. Pooja, H., Jagadeesh, M. P. A Deep Learning Based Approach for Biomedical Named Entity Recognition Using Multitasking Transfer Learning with BiLSTM, BERT and CRF SN Computer Science, Volume 5 Issue 5, 482. March 2024 SNCS Scopus (Q2).
4. Bhavani. B. H Naveen N. C. An Approach to Determine and Categorize Mental Health Condition using Machine Learning and Deep Learning Models Engineering Technology and Applied Science Research (ETASR) volume:14, Issue:2 ISSN/eISSN: 2241-4487/1792-8036 April 2024 Eos-Assoc, Archaia Ilidas 16, Gastouni, Greece 27050 SCI WoS (Q2)
5. Dr Prabhudev Jagadeesh HariPriya C An Explainable and Optimized Network Intrusion Detection Model using Deep Learning International Journal of Advanced Computer Science & Applications, Vol 15 Issue 1. Jan 2024 IJACSA WoS(Q3).
6. Manjunath B Talawar, Ashoka. D. V Nagaraja, R A Deep Learning based Reliable Link Prediction Model for Achieving Traffic Aware Routing in Mobile Adhoc Networks International Journal on Artificial Intelligence Tools <https://doi.org/10.1142/S0218213023500720> Volume 33 Issue 4 2350072 April 2024 World Scientific Scopus and WoS (Q4)
7. Nagasundara, K. B Darshan, L. M A survey on disguise face recognition Journal of the Chinese Institute of Engineers Volume 47, Issue :PP. 528-543 Taylor & Francis WOS, Scopus SCI-E.
8. Niranjana C Kundur Bellary Chiterki Anil Praveen M. Dhulavvagol Pneumonia Detection in Chest X-Rays using Transfer Learning and TPUs Vol. 13 No. 5 (2023): October, 2023 ETASR WOS & Scopus
9. Shweta S Kaddi Malini Patil Ensemble learning based health care claim fraud detection in an imbalance data environment Indonesian Journal of Electrical Engineering Computer Science Vol. 32, No. 3, Dec2023, pp. 1686~1694 ISSN: 2502-4752, 10.11591/ijeecs.v32.i3.pp1686-1694 IAES Scopus

**Details of Research Paper Publication in International Conferences
YEAR 2023-24**

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	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
2	Abhilash C B, Sreenatha M	Sunil Gopal C V, Shreyas G S, Yashwanth B, Sushanth R, Sudhan S	Sleep Disorders and Heart Disease: A Machine Learning Exploration	International Conference on Health Informatics, Intelligent Systems and Networking Technologies (HINT'24) March 2024	MIT	Scopus
3	Abhilash C B	Sinchana H R, Shreya C S, Shreya Mannapur	Exploring Sleep Quality: Influential Factors and Implications	International Conference on Health Informatics, Intelligent Systems and Networking Technologies (HINT'24) March 2024	MIT	Scopus

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

Year 2023-24

Sl. No	Project /FDP Title	Funding Organization/Agency	Amount
1	ATAL FDP: Internet of Things (IoT) and Drone Technology Applications in Digital Agriculture in association with IIT-Bombay, University of Agricultural Sciences Dharwad, IBM Beegel Agritech	All India Council of Technical Education(AICTE) Govt of India	Rs. 3,50,000/-
2	Design of Climate Smart Agriculture(CSA) based surface irrigation System to improve water productivity: A study of select areas of Karnataka	Indian Council of Social Science Research	Rs13,50,000
3	Industrial Pump Anomaly Detection For Predictive Maintenance Using Machine Learning Techniques	Karnataka State Council for Science & Technology (KSCST) Govt of Karnataka	Rs 3000/-
4	AI Based Decision Support System For Predicting Drone Health Status	Karnataka State Council for Science & Technology (KSCST) Govt of Karnataka	Rs 4500/-

5	Augmented Reality System For Automotive Assembly Processes And Maintenance	Karnataka State Council for Science & Technology (KSCST) Govt of Karnataka	Rs 3500/-
6	A Summarization Tool For Youtube Video Transcript	Karnataka State Council for Science & Technology (KSCST) Govt of Karnataka	Rs 4000/-
Total			17,15,000/-

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


FACULTY ACHIEVEMENTS



Name	Designation	Achievements
Dr. Prabhudev Jagadeesh M. P	Professor	Successfully completed KSCST funded project titled "Autonomous E-Cart" (₹ 4.74 L) Session chair at 4th International conference on Data engineering and communication systems, Bengaluru
Dr. P B Mallikarjuna	Professor	1. Dell Technologies Proven Professional Award in recognition of Completing all the requirements of GenAI Foundation Certification with a score of 90% 2. Reviewer for ICRAIS 2025 , MIT, Manipal 3. Delivered a talk on " Machine Learning Concepts" at JSSATEB in Two days workshop on " GenAI & Its Applications", which was held on Nov15 & 16, 2024
Dr. Nagasundara K.B	Associate Professor	1.Served as a Resource Person for the International Conference on Big Data and Computing (WBDC 2023) which was held during 17th – 19th Nov 2023 organized by Hunan University, Beijing, China. 2. Reviewer for the 2nd IEEE International Conference on Advances in Information Technology(ICAIT 2024) 3. Participated as a Reviewer for final year projects done by MCA and M.Sc. students at DOS in Computer Science, University of Mysore, Mysore.
Dr. Naidila Sadashiv	Associate Professor	Session chair at 2nd National Conference on Digital Technology and Engineering (NCDTE) on 02/05/2024 at of R V Institute of Technology and Management,Bengaluru,

Dr. Pradeep H. K	Associate Professor	1. Succesfully executed ICSSR funded project in collabraption with IITB, IISWC Dheradun, UAS dharwad. 2. Faculty internship carrying out in the departmentof Research & Techonlogy at Thales India Pvt Ltd on compilers theme.
Dr. Rohitaksha K	Associate Professor	Member BOE, VTU , Member BOS, JSS University, Noida
Dr. Sreenatha M	Associate Professor	1. Succesfully executed ICSSR funded project in collabraption with IITB, IISWC Dheradun, UAS dharwad. 2. .
Mr. Abhilash C. B	Associate Professor	1. Technical talk at HAL Bangalore: Topic: AI and GenAI in the manufacturing industryDate and time: 9th August (Friday) 0830 Hrs to 1200 Hrs 2. Reviewer for IEEE open Access journal 3. reviewer for Healthcare Informatics journal of Elsevier 4. 2nd and 4th rank from INiT lab students in ICON 2024 conference shared task on Faux Hate dataset.
Mrs. Snehalatha	Assistant Professor	1. Invited as a resource person to deliver a session on “ IP Networking Protocal & Concepts” at Bharat Electronics Limited , Bangalore on 12th Dec 2023. 3. delivered a technical talk on “Data Science and Visualization using Python” at Department of Mangament Studies, JSSATE, Bengaluru on 6th August 2024
Mrs. Rashmi B. N	Assistant Professor	1. Patent with title "Smart printer and method for Document editing" filed on 07/07/2024 Application No-202441051953 2. Reviewer for openaccess journal Neural Computing & Applications springer nature
Mrs. Impana K P	Assistant Professor	Technical talk at BEL, Bengaluru on Cloud Computing Hands on for 2 days, Reviewer for IEEE International conference
Mrs.Supriya B N	Assistant Professor	1.Patent with title "Artificial Intelligence-Enhanced System for Brain Tumor Detection and Diagnosis Using Convolutional Neural Networks"-Application Number - 202411043719, . 2. Reviewer for International Journals

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

Students awarded B.E. Honors Degree for the academic year 2023-24

SL. NO	STUDENT NAME	STUDENT USN	Photo
1.	ANANYA P	1JS21CS028	

2	ANUSHA R MULGE	1JS21CS032	
3.	PRIYANKA N	1JS21CS191	

Student Publications

Sl. No.	Name of the Authors	Title of the Paper	Details of the Journal
1	Akanksh Saya Bhagyashri Shetty H Chagi Manaswini Charudisha A. Ashjay	Survey on Machine Learning Models to Analyze Urinary Tract Infection Data	International Research Journal on Advanced Engineering and Management (IRJAEM) Vol. 2 No. 04 (2024): IRJAEM Vol.02 Issue 04- [April
2	Badal Kumar Aman Kumar Singh Ashutosh Chauhan Chiranthana BU Impana KP	Survey on Machine Learning Algorithms for Mental Health Analysis and Prediction	International Conference on MultiDisciplinary Research and Innovation (ICMRI)
3	Shreyas Srinivas S Yashwanth B Sushanth R	Sleep Disorders and Heart Disease: A Machine Learning Exploration	International Conference on Health Informatics, Intelligent Systems and Networking Technologies, MIT Manipal
4	Sinchana H R Shreya C S Shreya Mannapur	Exploring Sleep Quality: Influential Factors and Implications	International Conference on Health Informatics, Intelligent Systems and Networking Technologies, MIT Manipal

KSCST Funded Projects

Title of the Project	Name of the Students	Faculty Name	Grant Received(in Rs)
Industrial Pump anomaly detection for Predictive maintenance using machine learning techniques	Manthan Prasad Nishanth A R Rahul R	Ms. Shanthala K V	3000/-
AI based decision support system for predicting Drone health status.	Rahul K R Pradeep Hiremath Prashanth Santhosh M C	Dr. Manjunath B T Dr. Sharana Basavana Gowda	4500/-
Augmented reality system for Automotive assembly process and maintenance	Adya Pallad Amrit Baranwal Ananya P Anusha R Mulge	Dr.Vikyath K B	3500/-
A summarization tool for youtube video script	Annesha Krishna Geetha S Akash Reddy V	Dr.Naidila Sadashiv	4000/-

Stipend Paid Internship

Sl. No.	USN	Student Name	Company	Duration (in Days)	Stipend per month(In Rs)
1	1JS20CS005	Abhinav Tripathi	Suggaa Ventures	150	25000
2	1JS20CS002	Abhay Kumar Rajpoot	AulaCube Technologies Private Limited	90	8000
3	1JS20CS003	Abhay Kumar	Hashedin Technologies Private Limited	450	25000
4	1JS20CS014	Adya Pallad	SuperMentr	60	5000
5	1JS20CS028	Ananya P	ethan.ai	180	10000
6	1JS20CS030	Aniket Tiwari	Hashedin Technologies Private Limited	90	25000
7	1JS20CS029	Aneesha	Perspectify	180	5000
8	1JS20CS033	Anushka	Loans4you	30	2000
9	1JS20CS022	Aman Kumar Singh	Param.ai, Place: Hyderabad	330	15000
10	1JS20CS057	Dhanush	Pocket FM	60	25000
11	1JS20CS064	Guruprasad Limbikai	Risk Solutions	180	20000
12	1JS20CS068	Harsh Kumar Mishra	Kickdrum	180	35000
13	1JS20CS094	N Hitha Shri	M/S Bosch Limited	180	45000
14	1JS20CS079	Khushi Rani	Kickdrum	180	35000

15	1JS20CS099	Navneet Kumar	Pepperfry	180	20000
16	1JS20CS101	Nishant Prabhat	Suggaa Ventures	180	36000
17	1JS20CS103	Nishant Srinivas	Alecta Ventures Private Limited	180	3000
18	1JS20CS107	Parnika	Jnanamarga tech	30	16000
19	1JS20CS111	Prakyat P	Acinonys Technologies Private Limited	180	13000
20	1JS20CS114	Praveen Kumar	Suggaa Ventures	180	35000
21	1JS20CS117	Priyanshu	Suggaa Ventures	60	9000
22	1JS20CS110	Prajwal Surendra	Magna Electronics	180	15000
23	1JS20CS123	Raiyan Arsh	ethan.ai	180	10000
24	1JS20CS132	Rishav Kumar	ethan.ai	180	10000
25	1JS20CS132	Rishav Kumar	FindInbox	60	5000
26	1JS20CS135	Scahin Kumar	RepssoftConsultancyn Services Private Limited	30	5000
27	1JS20CS141	Sanjana GN	SuperMentr	60	5000
28	1JS20CS151	Shilpa Gupta	ethan.ai	180	10000
29	1JS20CS157	Shreyas P	Seminar Room	90	10000
30	1JS20CS145	Satyam	Suggaa Ventures	120	9000
31	1JS20CS165	Srivasta Bharadwaj R	Magna Electronics	180	15000
32	1JS20CS166	Suchinth M	IVYIS Technologies Private Limited	60	8000
33	1JS20CS170	Tarun	Jnana Marga Technologies	30	38000
34	1JS20CS086	Varsha M	Dhimans	30	1200
35	1JS20CS178	Vansh Singh	ethan.ai	180	10000
36	1JS20CS185	Vivek Soni	Magna Electronics	180	15000
37	1JS20CS185	Vivek Soni	ethan.ai	180	10000
38	1JS21CS041	Bhargava Hegde	Magna Automotive	180	15000

Hackathon Participation

Name of Student	USN	Semester	Section	Name of Event	Place	Date
Shreyas P	1JS20CS157	7	C	ETH India Hackathon,	Bengalur, Karnataka	08/12/2023 - 10/12/2023
Anusha N	1JS22CS402	5	A	Smart India hackathon 2023	Greater Noida Uttar Pradesh	18/12/2023 and 19

HITHASHREE S	IJS22CS066	3	A	National level Hackathon	Siddaganga institute of technology, Tumkur, Karnataka	23/12/2023
VARUN V KUDLI	IJS22CS180	3	C	Encryptcon 24-Hr Hackathon	IIT Madras, Chennai	04/01/2024

Other Achievements

Sl No.	Name of the Student	Achievements & Recognition
1	Mr. Aneesh Krishna Ms. Geetha Reddy Mr. Akash	a. KSCST project -1 b. Team selected for State Level Presentation on 9/8/2024
2	Ashwini Krishnaji Rao (1js21cs030)	First place in the debate competition "State Level NSS Yuvajanothsava 2024", organized by Davangere University from 15th to 19th June 2024
3	Ashwini Krishnaji Rao (1js21cs030)	Represented VTU by participating in the "State Level NSS Yuvajanothsava 2024", organized by Davangere University from 15th to 19th June 2024
4	Aniketh. K Murthy (1js22cs021) Rohit Kumar Mishra (1js22cs130) Dhanvanth.SGurukar (1js23cs049)	'RUNNERS UP'* in the VTU South Zone Division Men Table Tennis Tournament concluded today at SJBIT, Bengaluru. 2/7/2024
5	Vindya. H Kyathsandra (1js23cs049) Pranjal (1js23cs116) Moksha. Ls (1js23cs093) Purva Kulkarni (1js23cs123) Vrushchika.Rm (1js23cs418)	'RUNNERS UP'* in the VTU South Zone Division Women Table Tennis Tournament concluded today at SJBIT, Bengaluru. 2/7/2024
6	1. Darshan P S(1JS21CS055) 2. Chiranthana B U(1JS20CS053) 3. Darshan R(1JS21CS051) 4. Pavanchandra Devang L (1JS22CS066) 5. Prasad A Parit(1JS22CS115) 6. Yashas Katta(1JS22CS071) 7. Sandhya Srinivas (1JS23CS145)	Have won 10 Inter Institute Dance Competitions: First Place – 5 times, Second Place -5 times with cash prizes. From March to May 2024

Extra Curricular Activities

Name of the Fest	College name	Date	Placement	CashPrize
Aatmatrisha	PES University, Bengaluru	29/3/2024	2 nd	4,000
Halcyon	Siddaganga Institue of Technology, Tumkur	20/4/2024	1 st	15,000
Anaadyanta	Nitte Meenakshi Institute of	4/5/2024	2 nd	15,000

	Technology,Bengaluru			
Acharya Habba	Aacharya Institute of Technology,Bengaluru	10/5/2024	2 nd	3,500
Tatva	BNMIT	11/5/2024	1 st	10,000
Samskruthi	BMS college of commerce and management	12/5/2024	1 st	10,000
Paulakala	St.Paul's	17/5/2024	2 nd	5,000
Utsav	BMS College of Engineering	18/5/2024	2 nd	8,000
Swayam	MVJ College of Engineering	24/5/2024	1 st	8,000
Invincia	Presidency University	25/5/2024	1 st	15,000





Students awarded B.E. Honors Degree for the academic year 2023-24

SL. NO	STUDENT NAME	STUDENT USN
1.	ANANYA P	1JS21CS028
2	ANUSHA R MULGE	1JS21CS032
3.	PRIYANKA N	1JS21CS191

Academic Year: Stipend Paid Internship 2023-24

Sl. No.	USN	Student Name	Company	Duration (in Days)	Stipend per month(In Rs)
1	1JS20CS005	Abhinav Tripathi	Suggaa Ventures	150	25000
2	1JS20CS002	Abhay Kumar Rajpoot	AulaCube Technologies Private Limited	90	8000
3	1JS20CS003	Abhay Kumar	Hashedin Technologies Private Limited	450	25000
4	1JS20CS014	Adya Pallad	SuperMentr	60	5000
5	1JS20CS028	Ananya P	ethan.ai	180	10000
6	1JS20CS030	Aniket Tiwari	Hashedin Technologies Private Limited	90	25000
7	1JS20CS029	Aneesha	Perspectify	180	5000
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9	1JS20CS022	Aman Kumar Singh	Param.ai, Place: Hyderabad	330	15000
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11	1JS20CS064	Guruprasad Limbikai	Risk Solutions	180	20000
12	1JS20CS068	Harsh Kumar Mishra	Kickdrum	180	35000
13	1JS20CS094	N Hitha Shri	M/S Bosch Limited	180	45000
14	1JS20CS079	Khushi Rani	Kickdrum	180	35000
15	1JS20CS099	Navneet Kumar	Pepperfry	180	20000
16	1JS20CS101	Nishant Prabhat	Suggaa Ventures	180	36000
17	1JS20CS103	Nishant Srinivas	Alecta Ventures Private Limited	180	3000

18	1JS20CS107	Parnika	Jnanamarga tech	30	16000
19	1JS20CS111	Prakyat P	Acinonys Technologies Private Limited	180	13000
20	1JS20CS114	Praveen Kumar	Suggaa Ventures	180	35000
21	1JS20CS117	Priyanshu	Suggaa Ventures	60	9000
22	1JS20CS110	Prajwal Surendra	Magna Electronics	180	15000
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25	1JS20CS132	Rishav Kumar	FindInbox	60	5000
26	1JS20CS135	Scahin Kumar	RepssoftConsultancyn Services Private Limited	30	5000
27	1JS20CS141	Sanjana GN	SuperMentr	60	5000
28	1JS20CS151	Shilpa Gupta	ethan.ai	180	10000
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32	1JS20CS166	Suchinth M	IVYIS Technologies Private Limited	60	8000
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34	1JS20CS086	Varsha M	Dhimans	30	1200
35	1JS20CS178	Vansh Singh	ethan.ai	180	10000
36	1JS20CS185	Vivek Soni	Magna Electronics	180	15000
37	1JS20CS185	Vivek Soni	ethan.ai	180	10000
38	1JS21CS041	Bhargava Hegde	Magna Automotive	180	15000

RESULTS: 2023-24 RESULTS

PLACEMENTS: Placement details for 2023-24

Total number of students	207
Total number of students placed	59
Total number of companies visited	29

SEMESTER	NO OF STUDENTS APPEARED FOR SEE	NO. OF STUDENTS PASSED	PASS PERCENTAGE
I Sem	193	173	90.01%
II Sem	193	182	94.3%
III Sem	208	168	80.76%
IV Sem	208	179	86.06%
V Sem	201	187	93.03%
VI Sem	200	192	96%
VII Sem	204	191	93.63%
VIII Sem	204	200	98.03%

Max salary offered	16LPA
Min salary offered	3LPA

HIGHER STUDIES: 2023-2024

SI No	Name of the Student	USN	Name of the University	Year of Admission
1	Prawalika Tewari		Queen Mary University of London	2024-25
2	Ayushi Bharath Raj	1JS18CS029	Kennesaw State university	2023-24
3	Achala S pandit	1JS17CS004	University of California, Riverside	2023-24
4	Chanadan N S	1JS20CS048	Coventry University	2023-24
5	Ashwin Badamikar	1JS19CS037	Northeastern University college of engineering	2023-24
6	Chetana M	JS17CS029	San Jose State University	2023-24
7	Meghana Jagadish	1JS18CS079	University of Massachusetts, Amherst	2023-24
8	Akshay Umesh	1JS17CS008	New Jersey Institute of Technology	2023-24
9	Chandan Kumar Ramamurthy	1JS19CS045	Stevens Institute of Technology	2023-24
10	Bhavana P B	1JS20CS045	Stevens Institute of Technology, New Jersey	2023-24
11	Nikhil Shankar	1JS19CS103	Cal State	2023-24
12	Chirag Verma	1JS19CS046	Northeastern University college of engineering	2023-24
13	Dipen reddy	1js18cs098	university of cincinnati	2023-24
14	Anil vibhu		Dublin Business School	2023-24
15	Ritwik gupta		TU Dublin University	2023-24
16	Chandan Kumar Ramamurthy	1JS19CS045	Stevens Institute of Technology	2023-24
17	Bhavana P B	1JS20CS045	Stevens Institute of Technology, New Jersey	2023-24
18	Nikhil Shankar	1JS19CS103	Cal State	2023-24
19	Harika Attipatla	1JS19CS063	University of Texas	2023-24
20	Pulkit Srivastav		San José State University	2023-24

STUDENT CLUB: SUDO CLUB

Events conducted

The sudo club focuses mainly on fostering a culture of programming in the college. The aim is to develop a right atmosphere for students to engage in projects and spread awareness about the latest technologies beyond the College curriculum. Also to encourage students to interact with seniors as well as juniors to share knowledge.

SI No	Event Name	Date of Conduction	Name of the Resource Person
1	Placement Skills: Connecting Dots	3.2.2024	Mr .Akshay Prakash Software Developer Bizongo
2	PYTHON BASICS SESSION 3 ON	9TH JULY 23RD JULY 27TH JULY	Mr .Akshay Prakash Software Developer Bizongo
3	INAUGURATION OF SUDO CLUB	8TH JULY 2022	
4	Seminar on Distributed Systems	20 th August 2022	Mr Soham Kamani Software Engineer Google

SI No	Name of the Professional Body	Name of the Event Conducted	Date of conduction	Name of the Resource person	No of Participants
1	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
2	CSI	Cyber Security for All”	2/3/2024	Mr. BHARADWAJ D J, Architect, Cyber Security at Synechron	170
3	CSI	Two Days Workshop on “Deep Learning Techniques	17/02/2024 and 24/02/2024	Dr. Manjunath S, Principal Engineer, M/s Samsung Electro-Mechanics Pvt. Ltd.	120
4	CSI	Tech Connect Program	24/01/2024 and 25/01/2024	Mr. Praveen D, CTO, DyashinTechsoft,	70
5	CSI	Python career Opportunities	19/8/2023	Mr. Sanjay N T, Machine Learning Engineer, Samsung	60

JSS MAHAVIDYAPEETHA
JSS ACADEMY OF TECHNICAL EDUCATION,
BENGALURU
DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

SUDO CLUB
PRESENTS

Student Development Program on
PLACEMENT SKILLS:
CONNECTING THE DOTS

RESOURCE PERSON
OUR PROUD ALUMNI
AKSHAY PRAKASH
SOFTWARE DEVELOPER,
BIZONGO

DATE	TIME	Venue
03 FEB 2024	10.30 AM	Seminar Hall 1

Coordinators	HOD	Principal
Dr. Prabhudev Jagadeesh Dr. Sharana Basavana Gowda	Dr. Mallikarjuna P.B	Dr. Bhimasen Saragoan



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

Event	Organizer	Date
Internet of Things and drone technology applications in digital agriculture	Dr.Pradeep H.K	11th dec 2023 to 16 th dec 2023
State of Industry-Early 2024	Mrs. Snehalatha N	16-2-2024
Codeathon: Coding Contest on Data Structures and its applications	Mrs. Snehalatha N	29-2-2024
The Hands on workshop on “Database Management Tools	Dr. Naveen N C Mrs. Rajeshwari K S Mrs. Impana K P	28-2-2024
Two Days Workshop on “Deep Learning Techniques”	Dr. Mallikarjuna P B Dr.Pradbhudev Jagadeesh Dr.Naidila Sadashiv	17-2-2024 & 24-2-2024
“Cyber Security to All”	DR.Abhilash C B Shanthala K V Dr.Pavithra GS	2-3-2024
Internet of Things (IoT) using Arduino: A Hands-on approach	Dr.SharanaBasavana Gowda Dr.Naidila Sadashiv Dr.ManjunathTalawar	12-6-2024
Python as a career	Dr.Naidila Sadashiv	19-8-2023
Seminar on Operating systems and its application in industry	Dr.Naveen N C Mrs. Snehalatha N Mrs. Shanthala K V	11-9-2023
Cloud Computing: Event Driven Architecture	Dr.Naidila Sadashiv Bhavani B H	24.6.2023

Event conducted and their brief report

Title: Internet of Things and drone technology applications in digital agriculture

The AICTE ATAL sponsored Faculty Development program title “ Internet of Things and drone technology applications in digital agriculture” was organized by JSS Academy of TechniclEducaiton, Bengaluru.

The coordinator of this FDP program was Dr. Pradeep H.K, Associate Professor, Department of Computer Science and Engineering, JSSATE, Bangalore and co-ordinator was Dr. S.R.Desai, Professor, Department of Agriculture Engineering, University of Agricultural Sciences, Dharwad. The FDP was held during the period of 11th Dec 2023 to 16th Dec 2023.



Title “State of Industry-Early 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.

JSS Mahavidyapeetha
JSS Academy of Technical Education, Bengaluru

Department of Computer Science & Engineering
Organizes
Invited Talk on
State of Industry - Early 2024

Resource Person
Mr. Pratik shah
CEO, Halaplay, Bengaluru

Date: 16-02-2024
Time: 11:00 am

Venue: Seminar Hall 1
Academic Block A

Mrs. Snehalatha N
Coordinator

Dr. P B Mallikarjuna
HOD, CSE

Dr. Bhimasen Soragaon
Principal

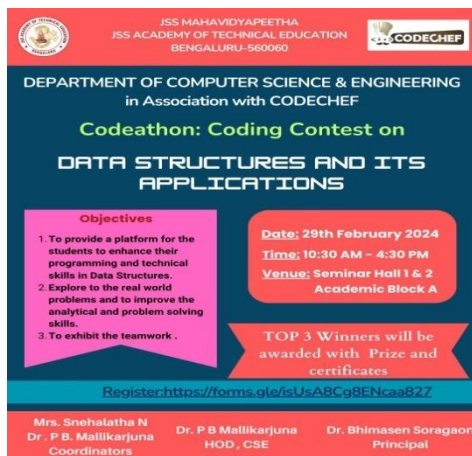
www.jssateb.ac.in

JSSATEB, Campus, Dr Vishnuvardhana
Road, Bengaluru - 56



Title: Codeathon: Coding Contest on Data Structures and its applications

The Department of Computer Science and Engineering, JSSATEB, in association with Codechef organized a Student Development Program. Codeathon: a Coding Contest in Data Structures and its applications. Mrs. Snehalatha Assistant Professor briefed about the contest and welcomed all the 3rd semester students. Dr. Naveen N C highlighted on the importance of coding and how it would help to build the programming skills and helps in placements. Total 30 teams 102 students (3/4 per team) participated in the Coding contest. Each team were given separate login and were able to access the platform provided by Codechef. Each team were given set of 8 real time applications problems. Students were given total time of 5 hrs. Every problem were given with 2 test cases. Evaluation was done based on their team performance and the efficiency of the code.



JSS MAHAVIDYAPEETHA
JSS ACADEMY OF TECHNICAL EDUCATION
BENGALURU-560060

DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING
in Association with CODECHEF

Codeathon: Coding Contest on
DATA STRUCTURES AND ITS
APPLICATIONS

Objectives

1. To provide a platform for the students to enhance their programming and technical skills in Data Structures.
2. Explore to the real world problems and to improve the analytical and problem solving skills.
3. To exhibit the teamwork.

Date: 29th February 2024
Time: 10:30 AM - 4:30 PM
Venue: Seminar Hall 1 & 2
Academic Block A

TOP 3 Winners will be awarded with Prize and certificates

Register <https://forms.gle/5sUsARCG8ENcaa82Z>

Mrs. Snehalatha N
Dr. P.B. Mallikarjuna
Coordinators

Dr. P.B. Mallikarjuna
HOD, CSE

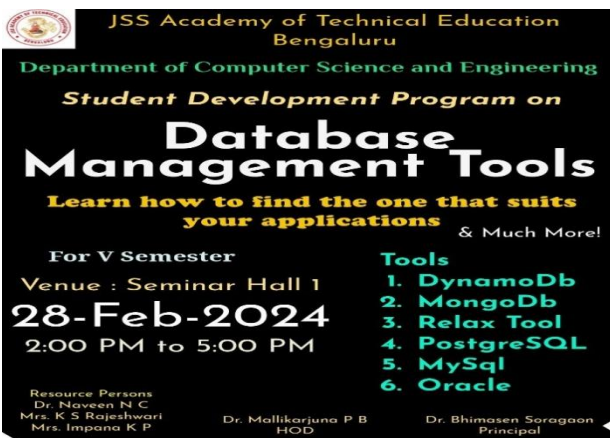
Dr. Bhimasen Soragaon
Principal



Title: The Hands on workshop on “Database Management Tools”

A Student Development Program on "Database Management Tools" is organised on 28.02.24 for CSE, 5th semester students to learn how to find the one SD that suits for real world applications. Usage of DBMS tools such as MongoDB, Relax Tool, Postgre SQL, Oracle 21g, MySQL, DynamoDb and Mangoos have been demonstrated. 185 students have attended The Hands On session and solved the problem statements given using above tools.

Databases are used for storing, maintaining and accessing any sort of data. They collect information on people, places or things. That information is gathered in one place so that it can be observed and analyzed. Databases can be thought of as an organized collection of information. In a database, it is easy to update data using various Data Manipulation languages (DML) available. One of these languages is SQL. The main purpose of database applications is to provide away for data to be consumed either by end users (via UI) or other higher-level applications (via APIs). A database application can be used for storing or retrieving data, processing transactions, or various machine learning calculations.



JSS Academy of Technical Education
Bengaluru

Department of Computer Science and Engineering

Student Development Program on
Database Management Tools

Learn how to find the one that suits
your applications & Much More!

For V Semester
Venue : Seminar Hall 1
28-Feb-2024
2:00 PM to 5:00 PM

Tools

1. DynamoDb
2. MongoDB
3. Relax Tool
4. PostgreSQL
5. MySql
6. Oracle

Resource Persons
Dr. Naveen N C
Mrs. K S Rajeshwari
Mrs. Impana K P

Dr. Mallikarjuna P B
HOD

Dr. Bhimasen Soragaon
Principal



Title: Two Days Workshop on “Deep Learning Techniques”

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. 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.



JSS MAHAVIDYAPEETHA
JSS ACADEMY OF TECHNICAL EDUCATION,
BENGALURU
DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING
ORGANIZING

**Two Days workshop on:
"DEEP LEARNING TECHNIQUES"**



RESOURCE PERSON :

Dr. Manjunath S,
Principal Engineer,
M/s Samsung Pvt. Ltd.

(Target audience: 5th sem CSE students and staff)

DATE	TIME	Venue
17 Feb 2024 24 Feb 2024	8.30 AM to 1.00 PM.	Seminar Hall 1

Coordinators	HOD	Principal
Dr. Mallikarjuna P.B Dr. Prabhudev Jagdeesh Dr. Naidila Sadashiv	Dr. Mallikarjuna P.B	Dr. Bhimasen Soragaon

Title: “Cyber Security to All”

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 fourtypes 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.

Resource Person:
Bharadwaj D J
Architect/Technology Manager
@ Synechron



Program Coordinators: Ms. Shantala K V
Dr. Pavithra G S
Mr. Abhilash C B

Program Convener: Dr. Mallikarjuna P B
HOD CSE

Principal: Dr. Bhimasen Soragaon



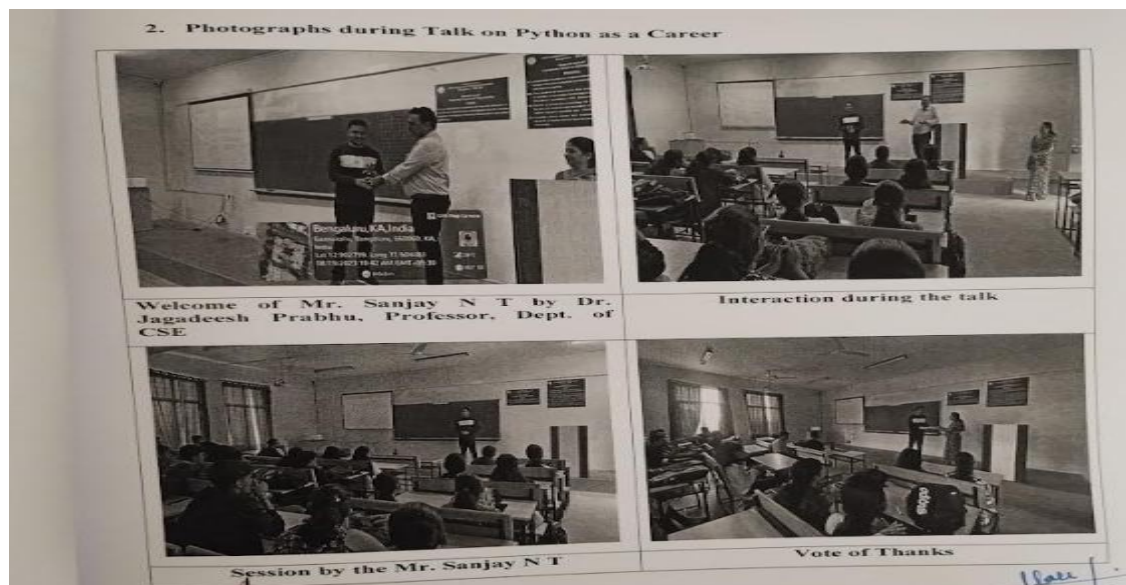
Title: Internet of Things (IoT) using Arduino: A Hands-on approach

Workshop on “Internet of Things (IoT) using Arduino: A Hands-on approach”, was organized by Department of Computer Science and Engineering on 12/06/2024 for Second semester students from 10.00 AM to 4.30 PM. Dr.Nirmala Hiremani, Assistant Professor and Program Coordinator, Department of CSE, Tech Guru, AICTE ATAL IDEA LAB and Assistant Director, Skill Development Centre, Muddenahalli was the resource person. The workshop started with the welcome of the speaker by Head of the Department Dr. P B Mallikarjuna immediately followed by session on Introduction to IoT and its Application by the resource person. Later students were introduced to two simulation environments Arduino IDE and okwi simulator



Title: Python as a career

A talk on “Python as a career” was organized on 19/8/2023 from the Department of Computer Science and Engineering under the banner of CSI student branch. Dr.Naidila Sadashiv, associate professor welcome the speaker Sanjay N T, Machine Learning Engineer @ Samsung Electro Mechanics, Dr. Jagadeesh Prabhu, Professor, Dept. of CSE and students to the session. The talk was organized to the students of second semester who are studying python in order to provide awareness about python opportunities and its scope from industry perspective.



Title: Seminar on Operating systems and its application in industry

The Department of Computer Science and Engineering, JSSATEB , conducted a seminar on Operating systems and its application in industry on 11.9.2023. Mrs. Snehalatha N, Assistant Professor welcomed Ms Aruna M B, Member of Technical staff, M/s Adobe. Ms Aruna M B briefed about the following topics

- ✓ OS Concepts
- ✓ Linux
- ✓ Importance of OS in placements



Title: CloudComputing: Event Driven Architecture

This talk was organized exclusively for students who opted Cloud Computing as Professional Elective. Theoretical concepts was augmented with demonstration of creation of Amazon EC2 instances, how to create Amazon Web Services (AWS) account for using all the 3 services like Infrastructure as a Service(IaaS), Platform as a Service (PaaS), Software as a Service (SaaS). He also demonstrated on how to get free tier, how billing is made when free tier is exceeded. Students could get a glimpse of the Data Driven Architecture and Event Driven Architecture, create AWS instances, AWS Elastic MapReduce, and some vulnerability issues in AWS. The feedback given by students was very good. And they suggested to have more technical talk on these technical topics in future also. Around 55 students participated in the technical talk. A quiz was conducted and evaluated for the students as a part of assignment on this topic. In the future also we expect more participants and plan to conduct a hands-on session and the resource person also has agreed for that. We look forward to conduct more such events in the future with the support of our Management, Principal, HoD and department faculty.



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
	Skill Development and Summer internship	2023

Alumni Contributions

SI 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 Prakash Software 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
6	Seminar on Operating Systems and its importance in Industry	11.9.2023	Ms Aruna M B Member of Technical Staff M/s Adobe
7	A talk on “Python as a Career “ under the banner of CSI student branch	19.8.2023	Mr. Sanjay N T, Machine Learning Engineer @ Samsung Electro Mechanics.

Orientation Program- Pathways to Success: SDP of NetConnect Alumni Insights for freshers



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.	12.6	
2.	Mrs. ANUSHA J	Assistant Professor	B.E.,M.Tech	01	
3.	Ms. SNEHA Y.S	Assistant Professor	B.E.,M.Tech	01	
4.	Mrs. CHANDANA C	Assistant Professor	B.E.,M.Tech	14	
5.	Mrs.GEETHANJALI C.M	Assistant Professor	B.E.,M.Tech	02	

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

SI No.	Name	Designation	Qualification	Total Experience	Photograph
1.	Mr. LINGARAJU M N	Instructor	Diploma(ME)	6	
2.	Mr. MANU RAJ L	Instructor	Diploma(CSE)	8	

3.	Mrs. POOJA M	Instructor	Diploma(CSE)	5	
4.	Mr. SHREYAS A K	Instructor	Diploma(CSE)	6	
5.	Mr. VEERABHADRARASWAMY R	Lab Helper	ITI(ME)	9	
6.	Mr. MAHADEV PRASAD H P	Lab Helper	ITI, Diploma(EC)	7	

- NUMBER OF STUDENTS ON ROLL:
TOTAL: 378 || GIRLS: 131 || BOYS: 247

RESEARCH PUBLICATIONS/CONSULTANCY/PATENTS/FUNDED PROJECTS

1. Dr. Anil B C Identifying liver cancer cells using cascaded convolution neural network and gray level co-occurrence matrix techniques , IAES International Journal of Artificial Intelligence (IJ-AI), ISSN/e-ISSN 2089-4872/2252-8938Date: 2024/7 Institute of Advanced Engineering and Science (IAES)
2. Predicting Chronic Diseases and Measuring Drug effectiveness in Daibetes Using Machine Learning And Satstistical Methods to aid Clinical Decision Making. Library Progress International . Library Progress International Date: 2024/9/20.
3. Application of Nanotechnology in Agricultural Systems: Improving Efficiency and Sustainability. International Journal of Intelligent Systems and Applications in Engineering, 12(10s), 07–12 <https://ijisae.org/index.php/IJISAE/article/view/4343> 07/01/2024
4. Enhancing the Scalability of Blockchain Networks using a Data Partitioning Technique Engineering, Technology & Applied Science Research. 14, 6 (Dec. 2024), 17711–17716.
DOI:<https://doi.org/10.48084/etasr.8760>. Engineering, Technology & Applied Science Research. 14, 6 (Dec. 2024), 17711–17716. DOI:<https://doi.org/10.48084/etasr.8760>.
5. Mrs. Chandana C An efficient hydro-crop growth prediction system for nutrient analysis using machine learning algorithm International Journal of Electrical and Computer Engineering (IJECE) Vol. 13, No. 6, December 2023, pp. 6681~6690 ISSN: 2088-8708, DOI: 10.11591/ijece.v13i6.pp6681-6690.

SI No	Faculty Name	Name of the conference/ Journal, Place & Date	Details of Publications	
1	Dr. Anil B C	Papers Published in Web of Science indexed Journals	International: 02	National: 00
2		Papers Published in SCOPUS indexed Journals	International: 03	National: 00
3		Papers Published in other Journals	International: 01	National: 01
4		Papers Presented in Conferences / Symposium	International:01	National: 01

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

SI No.	USN	Name	Prize	Event
1	1JS21AI018	Hitesh N P	1st Place Lucid-AI	JSS4SOC'24 online Hackathon,
2	1JS21AI010	Ankith D		
3	1JS21AI060	Varshini S		
4	1JS22CI009	Ananya M	2nd Place TEAM: FABULOUS_FOUR	
5	1JS22CI041	Nesha Ramya Raj		
6	1JS22CI029	Keerthi Deshpande		
7	1JS22CI033	Lavanya Sree K Achar		

SI 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,Benagloru
17	1JS21AI062	Vivek C M	ADE laboratory of DRDO

RESULTS:

Year	Sem	Pass %	Batch
2023-2024	1	87	2023
	2	93.67	
	3	87.37	
	4	84.46	2022
	5	86.96	
	6	91.30	2021

➤ 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 boot.
2	28/09/2024	“Aadi Antha Prena”	NEC E-Cell team JSSATEB	6,595/-	The Aadi Antha Prena 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.
3	24/07/2024	Online Hackathon	Geeks for Geeks	6,000/-	This Hackathon was a spring board for students to showcase their technical skills, team work.
4	28/11/2024	Cyber Security and Network Defense with AI Insights	Mr. Abhishek V, Senior Security Manager L2 at IBM.	2,130/-	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.
5	06/06/2024	Deep Learning and IoT Workshop	Ms. Sneha Bhapkar	7,800/-	Overall, the workshop successfully equipped participants with the knowledge and skills required to embark on their IoT projects and explore the exciting possibilities of IoT technology in various domains.
6	10/02/2024	Machine learning - Underlying	Mr. Gopal Rao Karanam, Technical	2,730/-	Speaker highlighted the

		Mathematics	Lead,Thales India Pvt Ltd,		trailblazer in machine learning and natural language processing (NLP), cutting-edge solutions for intricate business challenges. Dr.B.Umadevi, Assistant Professor,Dept.of Mathematics gavevote of Thanks to the audience. The one day work shop well appreciated by all the students.
7	11/09/2023	Operating systems and its importance in industry	Ms. ARUNA Member of Technical Staff M/s ADOBE	Nil	In summary, an operating system is a vital software layer that acts as an intermediary between users and computer hardware, providing essential services and resource management to enable the effective and efficient use of computers.
8	28/10/2024	Research lecture Series Impact of Generative AI in Higher Education		Nil	The session addressed the Introduction of Generative AI with basic about the syllabus, Lesson plan, Letter drafting, speech content, MCQs in any language. Discussed the different AI powered tools for enhancing student learning. Resume creation in particular format, data analysis for student performance analysis.
9	15/10/2024	One day workshop “ Insights of image Processing & its Applications in Industry “	Prof. Kumarswamy Post-Doctorate, IISc Bengaluru	Nil	The seminar on the perspective of the Insights of image Processing & its Applications in industry can provide for knowledge sharing and decision making benefiting participants.

➤ **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.

Photos of the Program



3. 24 - Hours Hackathon: JSS4SOC'24 by GeeksforGeeks

The Department of Computer Science and Engineering (Artificial Intelligence & Machine Learning), JSS Academy of Technical Education, Bengaluru, in collaboration with GeeksforGeeks, hosted a thrilling 24-hour hackathon titled "JSS4SOC'24" on 21 July 2024. The event attracted over 160 students from various engineering disciplines, uniting them under the common goal of creating innovative solutions in key thematic areas: Finance, Medical, and Senior Care. Throughout the hackathon, participants exhibited remarkable enthusiasm and creativity. Teams engaged in brainstorming sessions, designed and developed prototypes, and prepared compelling presentations for the judges (Mr. Prasanna Kulkarni and Mr. Hemanth Kumar L U). The atmosphere was electric as students demonstrated their technical skills, teamwork, and problem-solving abilities. JSS4SOC'24 was not merely a competition; it served as a significant platform for students to showcase their technical skills and innovative thinking. The event successfully fostered collaboration, creativity, and a passion for technology among the participants. With the mentorship of industry experts and the excitement of real-world problem-solving, students left inspired to pursue their aspirations in technology and innovation.

This hackathon exemplified the spirit of collaboration and learning that GeeksforGeeks and JSSATE aim to cultivate, paving the way for future events that continue to empower the next generation of tech leaders.

Photos of the Program



4. Report on the Seminar “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 cyber security Led by Mr. Abhishek V, Senior Security Manager L2 at IBM.

Objectives:

This workshop provided an in-depth exploration of the following key areas:

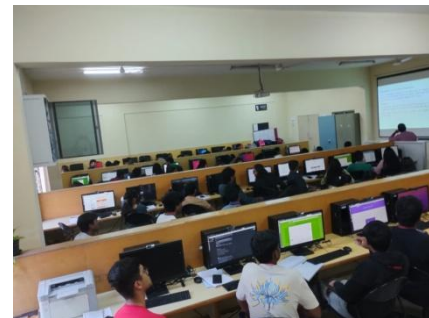
- Cyber Security Fundamentals: Insights into the core principles and practices essential for safeguarding digital infrastructure.
- Network Defense Strategies: Techniques and tools to identify and mitigate threats to network systems.
- AI in Cybersecurity: Practical demonstrations of how Artificial Intelligence 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 cyber security 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 cyber security and network defence.

CONCLUSION:

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. The program was coordinated by Dr. Jayasimha S R, Associate Professor Department of MCA.

Photos of the Program



5. Deep Learning and IoT Workshop

The Deep Learning Workshop, conducted by **NVIDIA**, commenced with an engaging session led by **Sneha Bhapkar**. The workshop aimed to provide participants with a comprehensive understanding of deep learning principles and practical experience in building neural network models.

Objectives:

1. An Introduction to Deep Learning
2. How a Neural Network Trains
3. Convolution Neural Networks
4. Data Augmentation and Deployment
5. Pre-trained Models and Transfer Learning
6. Advanced Architectures
7. Introduction to IoT
8. Introduction to Brainy Pi
9. Device to Cloud Communication
10. Industry 4.0

CONCLUSION:

The Workshop delivered a rich learning experience, combining theoretical insights with practical exercises. Participants left with a solid foundation in deep learning principles and the confidence to apply these techniques in real-world scenarios. Day 2 of the workshop provided participants with a comprehensive understanding of IoT technology and its applications, along with practical experience in building IoT projects. The hands-on sessions were particularly beneficial in allowing participants to apply theoretical concepts and gain practical skills in hardware programming and IoT application development.

Overall, the workshop successfully equipped participants with the knowledge and skills required to embark on their IoT projects and explore the exciting possibilities of IoT technology in various domains.

Photos of the Program



6. Machine learning -Underlying Mathematics – Industrial Applications One day work shop

Department of CSE(AI/ML) and Department of Mathematics of JSSATE, Bengaluru has organized a One day work shop on “Machine learning - Underlying Mathematics – Industrial Applications” delivered by Mr. Gopal Rao Karanam, Technical Lead, Thales India Pvt Ltd, Bangalore. He is an esteemed engineer and innovation leader renowned for his exceptional achievements in quality assurance, automation, and machine learning. With a remarkable track record, he has been honoured with the "Best Engineer" Award from Ness Technologies and has received multiple Spot Awards from Oracle India for his unwavering commitment to quality support. Certified as an IBM Design Thinking Practitioner, he has revolutionized processes, notably reducing deployment time from 18 hours to 6 hours through innovative automation techniques, earning publication in IBM Light House. Mrs. Radhika A, Assistant Professor, Dept. of Mathematics greeted all and gave a welcome speech to the gathering. Mr. N. Kartik Student of III AI/ML A

section introduced the Guest Speaker to the audience.

Dr. Anil B C & Dr.K.M.Nagaraja, invited the guest. The third semester students of AIML participated and interacted enthusiastically with many take aways from the work shop. Speaker highlighted the trailblazer in machine learning and natural language processing (NLP), cutting-edge solutions for intricate business challenges. Dr.B.Umadevi, Assistant Professor, Dept. of Mathematics gave vote of Thanks to the audience. The one day work shop well appreciated by all the students

Photos of the Program



7. Operating Systems and Its Importance In Industry

An operating system (OS) is a fundamental software component that manages and controls computer hardware resources and provides a platform for running applications and executing tasks. Its primary functions include:

- 1. Hardware Abstraction:** The OS abstracts hardware complexities, providing a standardized interface for software to interact with various hardware components like the CPU, memory, storage devices, and peripherals.
- 2. Process Management:** It oversees the execution of multiple processes (programs) simultaneously, allocating CPU time, managing memory, and ensuring efficient multitasking.
- 3. Memory Management:** The OS allocates and deallocates memory for processes, ensuring efficient utilization of available RAM and storage space.
- 4. File System Management:** It organizes and manages files and directories, including creation, deletion, and access control, providing a structured way to store and retrieve data.
- 5. Device Management:** The OS handles communication between software and hardware devices, enabling applications to interact with peripherals like keyboards, mice, printers, and network adapters.
- 6. User Interface:** Many OSs offer graphical user interfaces (GUIs) that allow users to interact with the computer through windows, icons, menus, and buttons.
- 7. Security:** OSs implement security measures like user authentication, access control, and encryption to protect data and ensure system integrity.

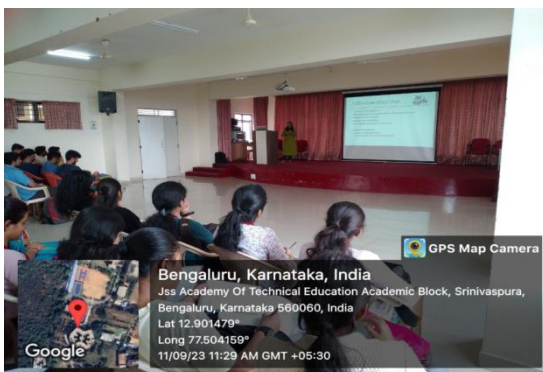
In summary, an operating system is a vital software layer that acts as an intermediary between users and computer hardware, providing essential services and resource management to enable the effective and efficient use of computers.

ADVICE FOR STUDENTS FROM MS ARUNA:

Towards the ending of the seminar, Ms. Aruna gave us her valuable insights on how to prepare for the placement activities. She advised us to practice programming on “leetcode” and preparing projects by understanding the concepts behind the project in depth. She told us to start learning the basics of Data Structures and Algorithms, Operating Systems and Database Management Systems in detail by reading from the textbooks.

This seminar was very insightful for all the students.

Photos of the Program

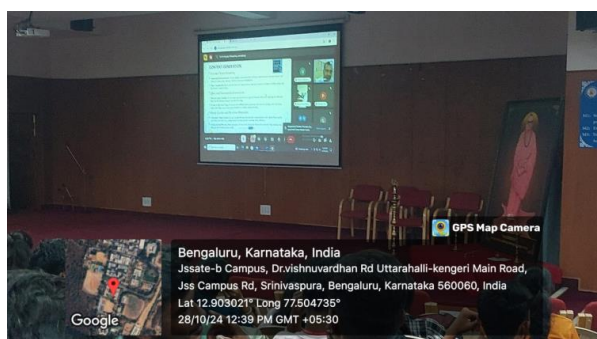


8. Research Lecture Series- “Impact of Generative AI in Higher Education”

The session addressed the Introduction of Generative AI with basic about the syllabus, Lesson plan, Letter drafting, speech content, MCQs in any language. Discussed the different AI powered tools for enhancing student learning. Resume creation in particular format, data analysis for student performance analysis.

Discussed the AI in Research which includes Automating Literature reviews, generating synthetic research data, automating scientific writing, meta AI in watsup, demo on chat using Generative AI in required language to explore lesson plan format, lecture notes, generate mcqs, generate questions (20) module wise, course feedback, list out the project titles in in any stream (ex: computer science/machine learning).

Photos of the Program



9. Insights of Image Processing and its Applications in Industry

The Technical talk on Insights of Image Processing and its Applications in Industry was organized by Department of CSE (AIML) on 15th October 2024.

Objectives:

1. Networking Opportunities
2. Informed Decision-Making
3. Ideation and Innovation
4. Student Engagement
5. Research Direction
6. Knowledge Dissemination

In summary, the Insights of Image Processing and its Applications in Industry is one of excitement and potential, tempered by a strong commitment to ethical and responsible development. As these technologies continue to evolve, collaboration between industry, academia, and regulatory bodies will play a vital role in shaping their impact on society and the economy.

Photos of the Program



➤ Industry Institute Collaboration & Networking

1. Previously Established the WIBD MOU in 2022.
2. Initiated to Establish the MOUs with two startup companies. (Under Process)

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. Veerabhadrapa 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 16 faculty members with doctorate and 15 faculty 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 has established industry assisted laboratories and the 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	26	
2	Dr. Shivakumara Swamy P M	Professor	Ph.D	32	
3	Dr. D Mahesh kumar	Professor	Ph. D	29	
4	Dr. Veerabhadrapa S T	Assoc. Professor	Ph D	30	
5	Dr. Veeramma Yatnalli	Assoc. Professor	Ph.D	27	
6	Dr. Usha. S. M	Assoc. Professor	Ph.D	24	
7	Dr. Saroja S Bhusare	Assoc. Professor	Ph.D	25	
8	Dr. Poornima N	Assoc. Professor	Ph.D	26	
9	Dr. Mallikarjuna Swamy S	Assoc. Professor	Ph.D	15	
10	Dr. Thejaswini P	Assoc. Professor	Ph.D	17	

11	Dr. Anuradha M G	Assoc. Professor	Ph.D	23	
12	Dr.Kavitha M	Asst. Professor	Ph.D	23	
13	Shubha B	Asst. Professor	M Tech (Ph.D)	26	
14	Sheela S N	Asst. Professor	B.E, M.S, (Ph.D)	19	
15	Kavitha H S	Asst. Professor	B.E, M.Tech, (Ph.D)	22	
16	Dr. Savitha. A.C.	Asst. Professor	Ph.D	25	
17	Suguna G C	Asst. Professor	B.E, M.Tech, (Ph.D)	17	
18	Dr. Ravikumar. K.P.	Asst. Professor	Ph.D	17	
19	Sowmya R Bangari	Asst. Professor	B.E, M.Tech, (Ph.D)	16	
20	Sunita L Shirahatti	Asst. Professor	B.E, M.Tech, (Ph.D)	23	

21	Dr. Sangeetha. K.N.	Asst. Professor	Ph.D	13	
22	Gouri S Katageri	Asst. Professor	B.E, M.Tech, (Ph.D)	12	
23	Anu H	Asst. Professor	B.E, M.Tech, (Ph.D)	12	
24	Dr. Mahendra H N	Asst. Professor	Ph.D	14	
25	Shilpa Patil	Asst. Professor	B.E & M.Tech	7	
26	Mrs. Ashwini Dasare	Asst. Professor	B.E & M.Tech (Ph.D)		
27	Gunasagari G S	Asst. Professor	B.E, M.Tech, (Ph.D)	8	
28	Basavaraju N M	Asst. Professor	B.E, M.Tech, (Ph.D)	12	
29	Yashaswini B M	Asst. Professor	B.E & M.Tech	4.5	
30	Kurthi T S	Asst. Professor	B.E, M.Tech, (Ph.D)	3	

31	Meghana K S	Asst. Professor	B.E & M.Tech	1.6	
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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	26	
02	Mamatha S	Programmer	Diploma	18.2	
03	Asharani S	Instructor	Diploma	14	
04	Mallesha C	Instructor	Diploma	16	
05	Mahadevappa M	Instructor	Diploma	16	
06	Sujatha	Instructor	BE, M.Tech	10	
07	Shivaprakasha H M	Instructor	Diploma, BSc	16	

08	Guruprasad T B	Instructor	BE	8.5	
09	Madhu S	Instructor	Diploma (BE)	07	
10	Irshad Ahamed	Helper	ITI	17.5	
11	Basavanna M	Helper	ITI, Diploma	7.8	
12	Sujatha B A	Helper	ITI, Diploma	6	
13	Kiran S	Helper	ITI	8	
14	Manjunatha M	Helper	ITI, (Diploma)	8.6	
15	Anjala P	Attender	PUC	19	

NUMBER OF STUDENTS ON ROLL: 2023-24

TOTAL: 720

GIRLS: 264

BOYS: 456

RESEARCH PUBLICATIONS/CONSULTANCY/PATENTS/FUNDED PROJECTS

Publications	Jan to Dec 2023	Jan to Nov 2024
Conference	25 Nos.	22 Nos.
Journals	31 Nos.	12 Nos.
Patents	04 Nos.	04 Nos.

FACULTY ACHIEVEMENTS

Dr. Mallikarjuna Swamy Asso. Prof., Received of Rs.7.5 lakhs from Ministry of Science & Technology, Department of Science & Technology , New Delhi. (September 2024)

Dr. Veeramma Yatnalli and Dr. Poornima N, Associate Professor, received an amount of Rs 2,00,000 from VGST, Govt. of Karnataka to conduct FDP on Research Applications in Artificial Intelligence and Machine Learning(Feb 2023)

Mr. Manohar B S. Assistant Professor, Dr. Dayanand P. Prof. ISE Dept.,Mr. Koushik S, Assistant Professor, Mechanical Engineering Dept. received an amount of Rs. 4,74,000, from KSCST, Govt. of Karnataka, on research project “Autonomous Electric- Kart” (Feb 2023)

Dr. P M Shivakumaraswamy, Dr. Veeramma Yatnalli, and Dr. Saroja S Bhusare have received an amount of Rs.1,00,000/ from Indian National Science Academy (INSA), New Delhi to organize National Level Conference on "Applied Computational Intelligence-NACI-2023“ (July 2023)

Dr Thejaswini P, Program Management Co-Chair of IEEE-GCON 2023, held at IIT Guwahati, 23-25 June 2023.

Received SERB-TARE scheme, research grant of 15Lakhs for the project entitled "Efficient Implementation of Cryptographic Algorithms for Security" (January 2024).

Received INAE fellowship under the scheme- "Mentoring of Engineering Teachers by INAE Fellows/ INAE Young Associates", 2023. Only 25 faculties all over the India are selected under this scheme.

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

RESULTS:

UG	I SEM	II SEM	III SEM	IV SEM	V SEM	VI SEM	VII SEM	VIII SEM	M.Tech I Sem	M.Tech II Sem
2023-24	82.16	94.18	60.6	74.75	81.35	82.90	93.15	96.60	71.43	100

PLACEMENTS:

	Total No. of Final Year Students(N)	No. of Students placed	Average Pack	Highest Package
2023-24	147	17	4.5	7 lakhs (Harman International Pvt. Ltd.)

HIGHER STUDIES:

MS (abroad)	M.Tech (India)	PhD	Entrepreneur	Total
2	1			3

PROFESSIONAL BODIES LIST/ EVENTS:

1. IEEE
2. IETE

Events Conducted under IETE:

Sl. No.	Event Name	Resource Person	Date
1	Effective teaching learning process	Dr. Dr. John Jose Associate Professor, Department of CSE Indian Institute of Technology Guwahati	12/07/2024
2	Aspiration to achievement, scope, opportunities and preparation guidelines for premier Indian institute” for young aspirants	Dr. Venkatesh Professor and Head, Department of CSE, Indian Institute of Technology Guwahati	11/07/2024
3	“Security Vulnerabilities in IC Supply Chain"	Mr. Vivekananda G PhD Scholar, IIT Guwahati,	14/06/2024
4	“Vulnerabilities and Prevention in IC Design Phase”	Mr. Vivekananda G PhD Scholar, IIT Guwahati,	12/06/2024
5	Energy- efficient 2.5D Architectures for Mechine learning Application and research avenues at IISC	Dr. Sumit K. Mandal, Assistant professor, Dept. of CSA, IISc., Bengaluru	12/12/2023
6	Hands on Workshop	Gowtham, Sahana, Chiraag Alumni Students	01/12/2023 to 02/12/2023
7	RISC-V based VEGA Processors	Mr. Libin TT, Scientist F in Hardware Design Group of C-DAC, Trivandrum	28/11/2023
8	IETE and emerging trends and its technology in the real world	Dr. RaviShankar C V Vicechairman, IETE- Bangalore. Professor & Head- ECE, Sambhram Institute of Technology, Bengaluru	28/11/2023
9	Internship on VEGA Processor & its Applications in association with C-DAC	Mr. Libin T T, Scientist F, CDAC, Trivandrum Ms. Mythili, CDAC Mr. Mr. Premjith, CDAC Mrs. Sunita Shirahatti, ECE, JSSATEB Dr. Thejaswini P, ECE, JSSATEB Ms. Gunasagari G S, ECE, JSSATEB	30/10/2023 to 30/11/2023

10	Applications of DSP in Automotive	Mr Praveen P B, Senior Principal Engineer, HARMAN International India PVT ltd	31/08/2023
11	Hardware Security and Logic locking	Mr. Vivekananda G Research Scholar, IIT Guwahati	02/06/2023 to 03/06/2023

STUDENT CLUB: ATHARVA

About the club

ATHARVA, the Techno-Cultural Student Forum of Electronics and Communication Engineering (ECE), is a vibrant platform that brings together the best of technology and culture. True to its name, derived from the Atharvaveda, ATHARVA represents creativity, knowledge, and a forward-thinking spirit. It is a hub where students transform ideas into innovation, while also celebrating the richness of cultural diversity.

With a perfect balance of technical expertise and cultural flair, ATHARVA organizes a wide range of activities, including tech workshops, cultural fests, technical challenges, industry talks, project expos, and social events. The forum aims to nurture not just skilled engineers but well-rounded individuals with a global perspective. From exploring cutting-edge technologies like IoT, AI, Robotics, and Communication Systems to showcasing talent in art, music, dance, and drama, ATHARVA ensures there's something for everyone.

Guided by a dedicated team of faculty and driven by student enthusiasm, ATHARVA fosters innovation, leadership, and teamwork. It provides a space for students to hone their technical skills, embrace creativity, and build lifelong memories. ATHARVA is not just a forum; it's a journey of growth, passion, and endless possibilities

Events conducted

1. Talent hunt event (31st December 2022)
2. Ethnic day event (21st May 2023)
3. Kalamahotstava (23rd December 2023)

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

Academic Year 2023-24

Sl. No	Topic & Date	Name and Organization of the resource person	No. of persons attend	Details of Expenditure and funds (in Rs)
01	Student Development Program on Basics of Cloud Computing and Microsoft Azure Implementation by VOIS, 23rd & 24th June 2023	Yogesh Raje, FICE Vodofone	100 students (ISE Dept.)	-
02	Workshop on "MATLAB Fundamentals, 24th July 2023 in association with CoreEL Technologies	Mr.Avinash, CoreEL Technologies	180 students (4th sem ECE students)	-
03	Expert Talk on Fundamentals of Artificial Intelligence and Machine Learning, 16th August 2023	Mr. Sathish Sankar, Senior Manager, Group Operation, VOIS	135 students (1st sem ECE)	-
04	Expert talk on Soft Skill Effective	Mr. Pushkar R Shankar	150 students (4th	2385.00

	Communication & Public Speaking, 23rd August 2023	EMCEE, Public speaker	sem ECE students)	
05	Technical talk on Application of DSP in Automotive, 31st August 2023	Mr.Praveen P B, Senior Principal Engineer, HARMAN International India Pvt. Ltd.	63 students (4th sem ECE students)	-
06	VGST Sponsored Faculty Development Programme on “Research Applications Artificial Intelligence and Machine Learning”, 11th to 15th September 2023,	Day 1: Dr. Hardik J. Pandya Professor, Department of Electronic Systems Engineering, Division of EECS, IISc Bengaluru, Mr. HilarianPushparaj Delivery Partner - Healthcare, LTI Mindtree. Mr. Akash C Software Engineer, Infra Market Day 2 : Mr.Venkat Reddy Senior Developer for SAP Labs, India Dr. Bharathkumar Hegde Co Fonder &CEO, Autoyos Private Ltd. Mrs. Shilpa Hariraj Master Trainer, Edunet Day 3: Dr. K T Deepak, Assistant Professor, IIIT Dharwad Dr. IshuGuptha, IIIT Bangalore Mrs. Shilpa Hariraj Master Trainer, Edunet Day 5: Dr. Manjunath S Principal Engineer Samsung Pvt Ltd.,Bengaluru Prof. Shashidhar Koolagudi NITK Suratkal Mr. Satish Iyer, Director - GBS, Ernst & Young	63 nos.	2 lakhs sanctioned from VGST, Govt. of Karnataka
07	Two days FDP on Modeling Communication Systems using Simulink, 4th and 5th December 2023	Mr. Rakshith Kashyap, Associate manager- Application Engineer CoreEL Technologies		Online mode Supported by Corel Technologies
08	National Conference on Applied Computational Intelligence -2023 sponsored by Indian National Science Academy, New Delhi (Hybrid Mode), 21st & 22nd December 2023	Mr. Abhilash Manu, Assistant Director, Ernst and Young Dr. Shyam Lal, NITK, Suratkal Dr. Jaya Sreevalsan Nair, IIIT Bengaluru Dr. Amrita Mishra, IIIT	81 Papers	1 lakh

		Bengaluru		
09	Technical talk on “Lab View” on 9 th May 2024	Mr. Sunil Kumar V, VI solutions, Bengaluru	4th semester students	
10	Technical talk on “VLSI Design Trends & Opportunities”, 11 th May 2024	Dr. Manjunatha V, Prinicpal R&D Engineer Synopsis India Pvt Ltd Bengaluru	M.Tech students	--
11	Student Development Programme on "Python-Driven Predictive Analytics: Machine Learning and Deep Learning for Electronics Device Energy Optimization", in association with Avinya TechKnows & Establishment of Renewable Smart Grid Laboratory 17th to 18th May 2024	Dr. Umashankar M L, Technical Lead, Dept. of Engg. & Tech., Wipro, Bengaluru Mrs. Lavanya B N, Director, Researcher in AL, Founder of Avinya TechKnows, Bengaluru Mr. Lingadevaru T S, Managing Partner, Avinya TechKnows, Bengaluru Mr.Mehboob Khan, Software Engg., Infosys Internal Rd., Bengaluru Dr. Ravikumar K P, Asst. prof., JSSTEB Mrs. Sunita Shirahatti, Asst. prof., JSSTEB	2 nd Semester students (around 120 Nos.)	10000.00

REPORT on “MATLAB Workshop”

“**MATLAB Workshop**” is a training program for the 4th semester students. The training Course provides a platform for the students to develop their skills using MATLAB through various tool boxes available in MATLAB. The purpose is make students familiar with the MATLAB tool.

The workshop was organized on 24th July 2023. The training program was started with a welcome note at 11AM by Dr. S T Veerabadrappa, Associate professor, Department of ECE. After the welcome speech, the training program started and Mr. Avinash Vulasa, Application Engineer-UPT Technology Solutions Division, CoreEL Technologies briefed about the uses and applications of MATLAB and taught students to install the software and also use it online. He also assisted students to download the MATLAB app in the mobile and gave basic usage instructions of MATLAB and simulink. Later the session was breaked for the lunch at 1PM.

Post lunch lesson was started at 2PM with the MATLAB online course where the students were able to learn and get certificates on line for “Matlab onramp course” and “simulink online course”. The students were given hands on training on using the sensors on the mobile like acceleration, angular velocity, position and orientation and using the real

time data provided for further processing. The session concluded with the vote of thanks by Dr. Anuradha M G, Assistant professor, Department of ECE at 4.30PM.

There were 165 participants for the training program from 4th semester. The students have expressed that more such training programs needs to be conducted.

Photos of the event



Expert Talk on Fundamentals of Artificial Intelligence and Machine Learning

The Expert talk was organized by Electronics and Communication Engineering, JSSATEB in collaboration with ‘_VOIS for Tech: University Engagement Program. Total of 135 First Year students(ECE) have attended the event.

Dates: 16-08-2023, 2.00pm to 3.30pm, Audience: 1st Year students

Objectives:

- The workshop will provide an opportunity to learn and build foundational skills in AI and ML used in industry application areas.

Speaker: Mr. Sathish Sankar

Outcomes:

1. AI and ML technologies can automate repetitive tasks and processes, leading to increased efficiency and productivity. This is particularly relevant in industries such as manufacturing, logistics, and customer service
2. AI and ML power recommendation systems and personalization algorithms that tailor experiences for users. This is seen in streaming services, e-commerce platforms, and content delivery systems.
3. AI and ML have the potential to revolutionize healthcare by assisting in medical diagnoses, drug discovery, personalized treatment plans, and disease prediction.
4. NLP techniques enable machines to understand and generate human language. This has led to advancements in chatbots, language translation, sentiment analysis, and content generation.



Title: Expert talk on soft skills Effective communication and public speaking

Date: 23rd August 2023(1 day)

No. of Participants: 150+ (4th Semester ECE Students)

Resource Person(s) with Designation: **Mr. Pushkar R Shankar**
EMCEE, Public speaker

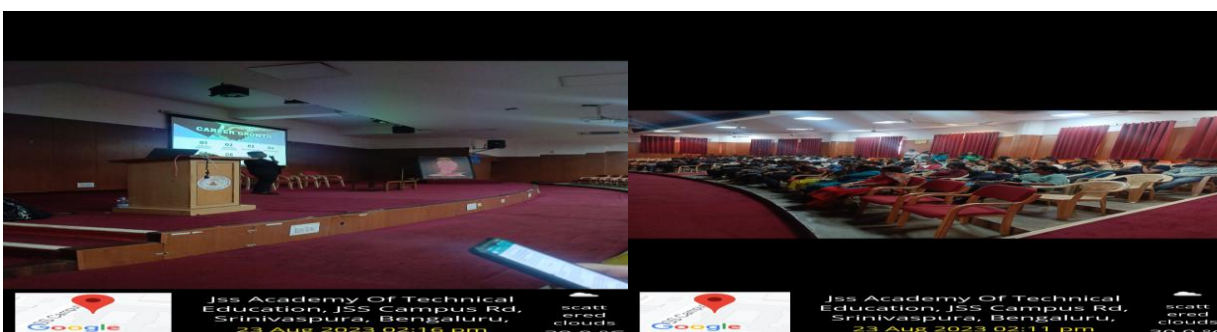
Objectives:

- To help participants overcome public speaking anxiety.
- To equip participants with the tools and techniques to deliver impactful and persuasive presentations.
- To offer personalized feedback and strategies for continuous improvement.

Mr. **Pushkar R Shankar**, started the session with the definition of soft skills and explained its importance in developing personal attributes that can affect relationships, communication, and interaction with others. The key components covered in the session were effective public speaking, including vocal variety, body language and structuring a speech. The talk was aimed to enhance the verbal communication skills of participants. Through a combination of group activities and individual presentations, attendees were given an opportunity to improve their speaking abilities and confidence. He also emphasized the importance of tailoring messages to suit audience needs and interests. With the use of visual aids he demonstrated effective use of slides, props and other aids to enhance the spoken word. Stressed the role of non-verbal cues in enhancing message delivery and on digital resources, like creation of a digital platform or resource hub where participants can access materials, watch videos, and engage in online discussions. Practical techniques were discussed on how to manage stage fright and exude confidence.

Outcomes:

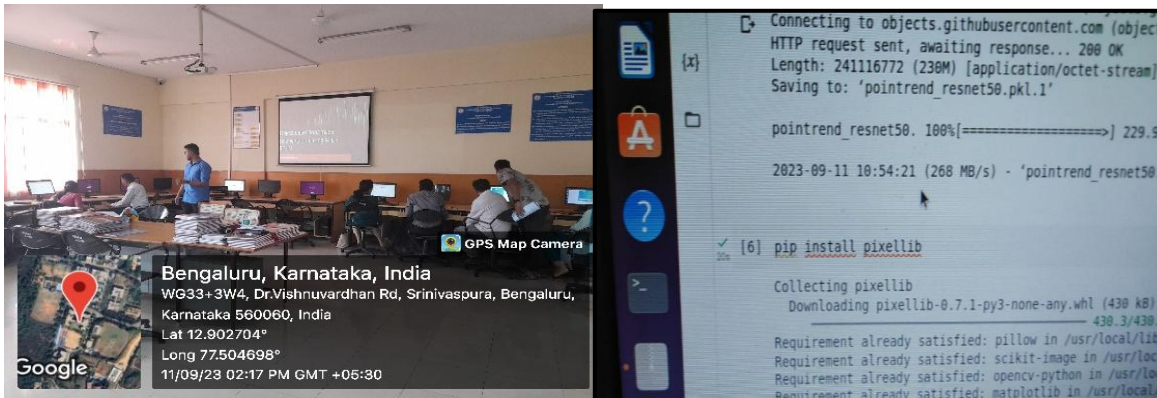
1. All students appreciated the talk and were enthralled to know the importance of acquiring skills required for the Industry.
2. Many participants requested advanced workshops and follow-up sessions to further hone their skills.



Report on Faculty Development Program on “Research Applications Artificial Intelligence and Machine Learning” Sponsored by Vision Group on Science and Technology (VGST),

Dept. of ECE, JSS Academy of Technical Education, Bangalore has organized 5 days Faculty Development Program on “Research Applications Artificial Intelligence and Machine Learning” Sponsored by Vision Group on Science and Technology (VGST), Karnataka Science and Technology Promotion Society (KSTePS), Government of Karnataka for Faculties of Engineering College, India from 11-09-2023 to 15-09-2023.

This program has been meticulously designed to provide the participants with a platform to enhance their research capabilities, and practical usage of open source tools to implement AI and ML algorithms. The FDP covers a wide array of topics such as AI and ML in Production, Healthcare, Cloud computing, and practical sessions on implementing AI and ML algorithms across various fields.



Hands on Session by Mr. Akash C, on 11-09-2023, Session 3(11-09-2023)

REPORT on “Handson session on Vega processor and Applications”

Department of Electronics & Communication organized a two days hands-on session on “Vega processor and its applications” in association with IETE student Forum for 3rd year students on 1st & 2nd December, 2023 from 10:00 am to 4:30 pm. The resource person were Mr. Gautham Suresh, Ms. Sahana and Mr. Chirag, alumni of ECE department. Total of 40 students attended the workshop.

The chief guest for the workshop was Dr. P M Shivakumaraswamy and the resource person was Dr. Sumit K. Mandal, Assistant professor, Dept. of CSA, IISc, The workshop was all about viewing integrated problem that connects power delivery, low-power circuit/system design, and thermal management; and modulated by advanced 2.5D/3D packaging technologies.

Digital India RISC-V Microprocessor (DIR-V) Program was launched by Ministry of Electronics and Information Technology (MeitY) as one of the concrete steps towards “Atmanirbhar Bharat”, with an aim to enable creation of Microprocessors for the future, in India, for the world and achieve industry-grade silicon. This program will make India not only a RISC-V Talent Hub for the World but also supplier of RISC-V SoCs for a wide range of applications. Centre for Development of Advanced Computing (C-DAC) a premier R & D organization under the MeitY, Govt. of India for carrying out Research and Development activities in IT, Electronics and associated areas for strengthening national technological capabilities. As part of the DIR-V Program C-DAC has successfully developed the VEGA series of microprocessors and related IPs and the complete ecosystem to enable fully indigenous product development that meets various requirements in the strategic, industrial and commercial sectors. These high-performance processors are based on the free and open-source RISC-V Instruction Set Architecture.

This workshop is on newly launched indigenous RISC-V based VEGA Processors. The workshop will provide an insight into the VEGA series of processors and ecosystem focusing on both the theoretical and practical aspects of the VEGA processors, development boards, SDK and on building applications. The hands-on sessions will be conducted on the ARIES development board which is Arduino compatible.



Report on National Conference on Applied Computational Intelligence-2023

Dept. of ECE, JSS Academy of Technical Education, Bangalore has organized 2 days NATIONAL CONFERENCE on Applied Computational Intelligence-2023 Sponsored by Indian Science Academy, New Delhi, India on 21-12-2023 & 22-12-2023. The Academy provides partial financial assistance for organizing international/national conferences, symposia, and seminars in India. It also offers support for specialized training or to conduct advanced research in any Indian research institutes/laboratories.

The conference-journey began with the submission of the proposal from the department of ECD with the support and guidance of principal on 1st June 2023. The sanction letter was received on 5th September, 2023. A funding amount of Rs, 1.00 lakh is sanctioned to organize the programme.

"Conferences play a crucial role in fostering collaboration, contributing to the dissemination of information, and promoting the overall growth of the community. Such gatherings provide valuable opportunities for participants to present their work, offering a platform to showcase new findings and innovations. In this direction, a national level conference on "applied computational intelligence" has been planned to achieve the objectives. The objective of the computational intelligence is to develop models that accurately represent and predict real-world phenomena. The goal is to create systems that can adapt and perform tasks intelligently, even in complex and uncertain environments. The subfields that support such objectives include; fuzzy logic, artificial intelligence (ai), machine learning (ml), and natural language processing, etc.,. Program highlights: The conference program featured a variety of sessions, including keynote addresses, plenary talks, and paper presentations. The plenary talks are engaged by eminent resource persons from nit Suratkal, professors from IIIT Bengaluru and an industry expert from ernst and young. The proceedings of the conference contain abstracts from a total of 82 contributions, covering a wide range of topics aligned with the theme areas of the conference. The articles received are from various engineering colleges across India. To name a few, 18 papers are received from ace engineering college - Hyderabad, JSS academy of technical education - Noida, Uttar Pradesh, Galgotias engineering college - Uttar Pradesh, JSS science and technology university in Mysuru, Jain College - Hubli, SDMCET - Dharwad, Bapuji Institute of Engineering and Technology - Davangere, and VVIET, Mysuru. A good number of papers have been received from government engineering colleges in Hasan, Haveri, and Ramanagar. Additionally, RNSIT, GAT, MSRIT, BMSIT, RRCE, and other engineering colleges in Bengaluru have supported us by sending articles.

The conference brought together experts, professionals, and enthusiasts from various engineering colleges to explore the theme of computational intelligence. Eight tracks are scheduled, with each track containing 10 papers for

presentation. The selected papers will be further considered for possible inclusion in the jss journal, a biannual publication by JSS academy of technical education, Bengaluru.



Industry Institute Collaboration & Networking

* Inauguration of Centre of Excellence VEGA Processor Lab in association with C-DAC and IETE Student Forum

The inauguration of Centre of Excellence “VEGA processor Lab” was conducted on 28th November, 2023 in department of ECE, JSS Academy of Technical Education, and Bengaluru. The lab was set up in association with Centre for Development of Advanced Computing C-DAC (T), Vellayambalam, Thiruvananthapuram and IETE student forum. Mr. Libin TT, Scientist F in Hardware Design Group of C-DAC, Trivandrum , Dr. Ravi Shankar C V Vice chairman, IETE- Bangalore. Professor & Head- ECE, Sambhram Institute of Technology, Bengaluru, Dr. Bhimasen Soragaon, Principal JSSATE, Bengaluru, Dr. P M Shivakumara Swamy, Professor & Head, Dept. of ECE and Co-ordinators Dr. Thejaswini P, Mrs. Sunita L Shirahatti, Ms. Gunasagari G S were present in the event.



Training Programme for BEL engineers was conducted by our faculty:

Date	Faculty Name	Place
22nd to 24th April 2024	Dr.Anuradha M G Mrs. Shubha B Dr.Ravikumar K P Mrs. Sunitha L Shirahatti	" Electronics for Non-Electronics " ABHYUDAYA- Centre for Learning (ACL), BEL, Bengaluru
27th to 29th May 2024	Dr.Anuradha M G Mrs. Shubha B Dr.Ravikumar K P Mrs. Sunitha L Shirahatti	" Electronics for Non-Electronics " ABHYUDAYA- Centre for Learning (ACL), BEL, Bengaluru
17th to 19th September 2024	Dr.Anuradha M G Mrs. Shubha B Dr.Ravikumar K P Mrs. Sunitha L Shirahatti	" Electronics for Non-Electronics " ABHYUDAYA- Centre for Learning (ACL), BEL, Bengaluru
		

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





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

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




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	29	
2	Dr. Bhanumathi K S	Associate Prof. & HOD	B.E., M.Tech., P.hd	19	
3	Mr. B.R Renukumar	Assistant Prof.	B.E., M.Tech	30	
4	Mrs.Harshitha S	Assistant Prof.	B.E.,M.Tech	10	

5	Mrs. Sowmya M S	Assistant Prof.	B.E.,M.Tech	10	
6	N. Nagarathna	Assistant Prof.	B.E.,M.Tech	8	
7	Dr. Sharada Dambal	Assistant Prof.	B.E.,M.Tech., P.hd	2	
8	Shilpa HR	Assistant Prof.	B.E., M.Tech.	3	

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	22	
2	Shivaprakash B	Instructor	Diploma	18	
3	Deepa.A.Biradar	Instructor	Diploma	15	

4	Nagendraswamy.M	Instructor	B.Sc	17	
5	Chandan. N	Instructor	Diploma	10	
6	Vijayakumara H S	Instructor	B.E	7	
7	Mohan H P	Lab Helper	ITI	13	
8	Lokesh.B	Lab Helper	ITI	13	
9	Vinoda kumara	Lab Helper	ITI	12	
10	Chandra Mouli.H.R	Attender	BA	12	

NUMBER OF STUDENTS ON ROLL:

Year	I	II	III	IV
TOTAL	63	64	46	29
GIRLS	36	32	21	12
BOYS	27	32	25	17

RESEARCH PUBLICATIONS/CONSULTANCY/PATENTS/FUNDED PROJECTS

Journal

[1] Sumana Achar and D Jayadevappa, "An Intelligent Network Router based on Data Segregation", IAENG Engineering letters, Accepted for publication.

[2] Sumana Achar, and Jayadevappa D, "Optimized Recurrent based Training Accelerator for Network-On-Chip Communication System," IAENG International Journal of Computer Science, vol. 50, no. 4, pp.1410-1419, Dec. 2023.

Conference

[1] N. Shivappa, "A Survey on Classic Examples of Constraint Satisfaction Problems with Solutions and Applications," 2023 3rd International Conference on Smart Generation Computing, Communication and Networking (SMART GENCON), Bangalore, India, 2023, pp. 1-7, doi: 10.1109/SMARTGENCON60755.2023.10442726.

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

co-curricular activities

Academic Year: 2023-24 (June2023 to May 2024)

Sl. No.	USN	Name of the Student	Event Date	Event & Organized	Remarks
1	1JS18EI014 1JS19EI010 1JS19EI026 1JS19EI030	Karun B R Keerthana M M Sindhu S Tejaswini H	09-06-2023	Student's participation in the Open Day Project Exhibition organized by the department of Electronics & Instrumentation Engg. JSS Academy of Technical Education, Bengaluru.	Won 1st Prize in the Open Day Project Exhibition - 2023
2	1JS18EI021 1JS18EI022 1JS18EI028	Omkar Patil Pradeep Ritik R S			Won 2nd Prize in the Open Day Project Exhibition - 2023

3	1JS19EI005 1JS19EI017 1JS19EI028	Chinmayi H K S Pratheeksha D Sriram			Won 3rd Prize in the Open Day Project Exhibition - 2023
4	1JS22EI049	Tejas S	17-07-2023 to 28-07-2023	Online WGCapD Webinar Series on Geoprocessing using Python organized by Department of Space, Govt. of India, Indian Space Research organization, Indian Institute of Remote Sensing, (IIRS), Indian Space Research Organization (ISRO) Dept. of Space, Govt. of India, Committee on Earth Observation Satellites (CEOS), Dehradun.	Participation Certificate
5	1JS22EI049	Tejas S	13-08-2023	Attended and successfully completed the course on Android Bug Bounty Hunting: Hunt Like a Rat, Jay Bavisi, President, and EC-COUNCIL.	Certificate of Achievement
6	1JS22EI049 1JS22EI048	Tejas S Swikruthi C Shetty	31-08-2023 to 02-09-2023	Student's participation in the National Science Fair - 2023 exhibition competition organized by the department of Chemistry, JSS Academy of Technical Education, Bengaluru in association with Gravity Science Foundation, Chamarajanagar.	Won 1st Prize in the National Science Fair - 2023
7	1JS22EI049	Tejas S	02-11-2023	Online courses on Generative AI Fundamentals with Google Cloud	Certificate of Completion
8	1JS22EI049	Tejas S	02-11-2023	Online courses on Introduction to Generative AI with Google Cloud	Certificate of Completion
9	1JS22EI049	Tejas S	02-11-2023	Online courses on Introduction to Large Language Models with Google Cloud	Certificate of Completion
10	1JS22EI016	Madhavan P	08-11-2023	Online courses on Introduction to prompt Engg. for generative AI	Certificate of Completion
11	1JS22EI016	Madhavan P	13-11-2023	Online courses on Advance your skills in Python	Certificate of Completion

12	1JS22EI016	Madhavan P	27-11-2023	AI & Business Strategy	Certificate of Completion
13	1JS22EI016	Madhavan P	27-11-2023	Online courses on Introduction to career skilled in data analytics	Certificate of Completion
14	1JS20EI013	Lekhana H G	21-12-2023 & 22-12-2023	Two days National Conference on Applied Computational Intelligence – 2023 (NACI-2023), Sponsored by Indian National Science Academy, New Delhi and organized by the department of Electronics & Communication Engg. JSS Academy of Technical Education, Bengaluru.	Paper Presentation certificate
15	1JS20EI024	Shreya Metri			
16	1JS20EI025	Shruddha Metri			
17	1JS22EI010	Hrushikesh Upadhyia	24-01-2024 & 25 -01-2024	Two days workshop on NANASATELLITE TECHNOLOGY organized by JSS Academy of Technical Education, Bengaluru in association with JSS Science & Technology University, Mysuru.	Certificate of Participation
18	1JS22EI043	Srushti D			
19	1JS22EI049	Tejas S	27-01-2024	Online courses on Creative AI Workshop	Certificate of Participation
20	1JS20EI003 1JS20EI013 1JS20EI018	Akshatha V Lekhana H G Pushpavalli K	19-04-2024	KSCST: 47th 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. 5,500/-
21	1JS20EI006 1JS20EI007 1JS20EI009 1JS20EI019	Arun Kumar A V Athish Surya Gosi Chetan B K Sagar P	04-05-2024	Student's participation in the Open Day Project Exhibition - 2024 organized by the department of Electronics & Instrumentation Engg. JSS Academy of Technical Education, Bengaluru.	Won 1st Prize in the Open Day Project Exhibition - 2024
22	1JS20EI003 1JS20EI013 1JS20EI018	Akshatha V Lekhana H G Pushpavalli K			Won 2nd Prize in the Open Day Project Exhibition - 2024

23	1JS20EI008 1JS20EI011 1JS20EI015 1JS20EI017	Barket Hussain Dar Harishree B R Muskan Tabassum Pallavi H			Won 3rd Prize in the Open Day Project Exhibition - 2024
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Student Achievements

Academic Year: 2023-24 (June 2023 to May 2024)

Sl. No.	USN	Name of the Student	Event and Date	Achievement
1	1JS19EI005	Chinmayi H K S	9-6-2023 (Batch: 2019-2023) Hard work & Academic excellence.	TOP PERFORMER
2	1JS21EI011	Chandana G Hublikar	21-06-2023 & 22-06-2023 Participated in Eastern dance Event and won FIRST place in Inter collegiate Techno- Cultural Fest organized by SJB Institute of Technology, Bengaluru	Won First Place
3	1JS21EI011	Chandana G Hublikar	22-06-2023 Securing the 2nd position in ABLAZE (EASTERN) in SAMBHRAM 2023 held at RV Institute of Technology & Management, Bengaluru	2nd Position
4	1JS21EI011	Chandana G Hublikar	04-07-2023 Secured third place in Eastern group dance event conducted during Mayurika 2023, a National level Inter- collegiate Cultural & Arts Fest held at St. Claret College, Bengaluru	Third Place
5	1JS19EI020	Sanjana P Mahajan	01-08-2023 Secured 3rd Rank in VTU for the 2023 outgoing batch, Electronics & Instruments Engineering, JSS Academy of Technical Education, Bengaluru – 60	Secured 3rd Rank in VTU
6	1JS19EI021	Sanjay N	01-08-2023 Secured 4th Rank in VTU for the 2023 outgoing batch, Electronics & Instruments Engineering, JSS Academy of Technical Education, Bengaluru – 60	Secured 4th Rank in VTU

7	1JS19EI005	Chinmayi H K S	01-08-2023 Secured 9th Rank in VTU for the 2023 outgoing batch, Electronics & Instruments Engineering, JSS Academy of Technical Education, Bengaluru – 60	Secured 9th Rank in VTU
8	1JS22EI048 1JS22EI049	Swikruthi C Shetty Tejas S	31-08-2023 to 02-09-2023 Student's participation in the National Science Fair - 2023 exhibition competition organized by the department of Chemistry, JSS Academy of Technical Education, Bengaluru association with Gravity Science Foundation, Chamarajanagar.	Won 1st Prize in the National Science Fair - 2023
9	1JS20EI003 1JS20EI013 1JS20EI018	Akshatha V Lekhana H G Pushpavalli K	19-04-2024KSCST: 47th 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. 5,500/-
10	1JS20EI006 1JS20EI007 1JS20EI009 1JS20EI019	Arun Kumar A V Athish Surya Gosi Chetan B K Sagar P	04-05-2024 Student's participation in the Open Day Project Exhibition organized by the department of Electronics & Instrumentation Engg. JSS Academy of Technical Education, Bengaluru.	Won 1st Prize in the Open Day Project Exhibition - 2024
11	1JS20EI003 1JS20EI013 1JS20EI018	Akshatha V Lekhana H G Pushpavalli K		Won 2nd Prize in the Open Day Project Exhibition - 2024
12	1JS20EI008 1JS20EI011 1JS20EI015 1JS20EI017	Barket Hussain Dar Harishree B R Muskan Tabassum Pallavi H		Won 3rd Prize in the Open Day Project Exhibition - 2024

Extra co-curricular activities

Academic Year: 2023-24 (June 2023 to May 2024)

Sl. No.	USN	Name of the Student	Event Date	Event & Organized	Remarks
1	1JS21EI011	Chandana G Hublikar	21-06-2023 & 22-06-2023	Participated in Eastern dance Event and won FIRST place in Inter collegiate Techno-Cultural Fest organized by SJB Institute of Technology, Bengaluru	Won First Place
2	1JS21EI011	Chandana G Hublikar	22-06-2023	Securing the 2nd position in ABLAZE (EASTERN) in SAMBHRAM 2023 held at RV Institute of Technology	2nd Position

				Management, Bengaluru	
3	IJS21EI011	Chandana G Hublikar	22-06-2022 to 23-06-2022	Participated in Group dance completion during MANTHAN 2022, Techno-Cultural Annual Fest organized by Bangalore Institute of Technology, Bengaluru	Participation Certificate
4	IJS21EI011	Chandana G Hublikar	04-07-2023	Secured third place in Eastern group dance event conducted during Mayurika 2023, a National level Inter-collegiate Cultural & Arts Fest held at St. Claret College, Bengaluru	Third Place
5	IJS23EI009	Chaitanya K Prasad	15-12-2023 & 16-12-2023	Participated in the event Basketball at the CMR Institute of Technology, state level Intercollegiate sports fest "SPARDA"	Participation Certificate
6	IJS22EI010	Hrushikesh Upadhya	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

RESULTS

SEM:I		year : 2023-24						
Sub Name	Sub Code	Appeared	Pass	Fail	FCD	FC	SC	Pass %
Mathematics For Ees-I	BMATE101	63	49	14	26	17	6	78
Physics For Eee Stream	BPHYE102	63	50	13	19	27	4	79
Basic Electronics	BBEE103	63	53	10	15	29	9	84
Communicative English	BENGK106	63	63	0	28	28	7	100
Sanskritika Kannada	BKSKK107	47	47	0	42	4	1	100
Balake Kannada	BKBKK107	16	16	0	15	1	0	100
Scientific Foundations Of Health	BSFHK158	63	63	0	51	10	2	100
Introduction To C Programming	BESCK104E	63	47	16	11	17	19	75
Introduction To Internet Of Things (Iot)	BETCK105H	63	57	6	29	17	11	90
Overall Result		63	39	24	22	17	0	62

SEM:II

Year : 2023-24

Faculty Name	Sub Name	Sub Code	Appeared	Pass	Fail	FCD	FC	SC	Pass %
Dr Girish N	Mathematics for EE Stream	BMATE201	62	56	6	30	16	10	90

Ms. Bindhu S	Chemistry for EE Stream	BCHEE202	62	61	1	42	16	3	98
Dr. G M Swamy	Computer-Aided Engineering Drawing	BCEDK203	62	62	0	59	3	0	100
Mrs. Anu H	Introduction to Electrical Engineering	BESCK204B	62	61	1	35	20	6	98
Dr. Vanishree Beloor	Introduction to Python Programming	BPLCK205B	62	60	2	37	21	2	97
Ms. Kavya NR	Professional Writing Skills in English	BPWKS206	62	62	0	60	2	0	100
Mr. Chethan A	Indian Constitution	BICOK207	62	61	1	48	13	0	98
Dr.D Jayadevappa	Innovation & Design Thinking	BIDTK258	62	62	0	61	1	0	100
Overall Result			62	55	7	48	7	0	89

SEM:III

Year : 2023-24

Sub Name	Sub Code	Appeared	Passes	Fail	FCD	FC	SC	Pass %
Mathematics - Iii For Ei Engineering	BEI301	64	39	25	10	17	11	61
Analog Electronic Circuits	BEI302	64	55	9	27	26	2	86
Digital Design And Hdl	BEI303	64	62	2	36	15	11	97
Measurement And Transducers	BEI304	64	52	12	21	20	11	81
Measurement And Transducers Lab	BEIL305	64	64	0	64	0	0	100
Social Connect And Responsibility	BSCK307	64	64	0	64	0	0	100
Yoga	BYOK359	17	17	0	17	0	0	100
National Service Scheme	BNSK359	32	32	0	32	0	0	100
Physical Education	BPEK359	15	15	0	15	0	0	100
Static &Dynamic Characteristics And Error analysis In Instrumentation Systems	BEI358A	64	60	4	2	7	51	94
Operating Systems	BEI306B	64	60	4	18	27	15	94
Overall Result		64	39	25	32	7	0	61

SEM:IV

Year : 2023-24

Sub Name	Sub Code	Appeared	Pass	Fail	FCD	FC	SC	Pass %
Signal Conditioning and Data Acquisition Circuits	BEI401	64	58	6	23	20	15	91
Embedded Controllers	BEI402	64	59	5	5	28	26	92
Control Systems	BEI403	64	59	5	28	25	6	92
Computer Organization and Architecture	BEI405B	64	62	2	8	27	27	97
Biology For Engineers	BBOK407	64	63	1	28	20	15	98

Universal human values course	BUHK408	64	64	0	25	27	11	100
YOGA	BYOK459	17	17	0	17	0	0	100
National Service Scheme (NSS)	BNSK459	32	32	0	26	6	0	100
Physical Education (PE) (Sports and Athletics)	BPEK459	15	15	0	13	2	0	100
Programming in MATLAB / SCILAB Lab	BEI456A	64	64	0	62	1	1	100
Signal Conditioning and Data Acquisition Circuits Lab	BEIL404	64	64	0	64	0	0	100
Overall Result		64	53	11	42	11	0	83

SEM:V

Year: 2023-24

Sub Name	Sub Code	Appeared	Pass	Fail	FCD	FC	SC	Pass %
Process Instrumentation	21EI51	45	43	2	28	9	6	96
Fundamentals Of Signals And Dsp	21EI52	46	41	5	12	9	20	89
Arm Processor	21EI53	45	44	1	19	21	4	98
Control Systems	21EI54	46	43	3	17	15	11	93
Arm Processor Lab	21EIL55	46	46	0	34	11	1	100
Research Methodology & Intellectual Property Rights	21RMI56	46	45	1	28	15	2	98
Environmental Studies	21CIV57	46	46	0	32	13	1	100
Internet Of Things	21EI582	46	46	0	26	18	2	100
Over all result		46	39	6+1 A	20	18	1	85

SEM:VI

Year: 2023-24

Sub Name	Sub Code	Appeared	Pass	Fail	FCD	FC	SC	Pass %
Technological Innovation Management & Entrepreneurship	21EI161	46	46	0	36	9	1	100
Process Control System	21EI162	46	43	3	17	23	3	93
Plc,Dcs And Scada In Process Automation	21EI163	45	44	2	8	7	29	98
Vlsi Dessign	21EI643	46	45	1	28	15	2	98
Introduction To Data Structures	21CS651	31	29	2	17	8	4	94
Renewable Energy Power Plants	21ME652	5	5	0	1	3	1	100
Introduction To Cyber Security	21CS653	10	9	1	2	4	3	90
Process Control And Virtual Instrumentation Lab	21EIL66	46	46	0	37	7	2	100
Mini Project	21EIMP67	46	46	0	46	0	0	100
Social Internship	21INT68	46	46	0	46	0	0	100

Over all result	46	42	4	40	2	0	91
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SEM: 7th

Year:2023-24

Sub Name	Sub Code	Appeared	Pass	Fail	FCD	FC	SC	Pass %
Automation In Process Control	18EI71	28	28	1 NE	12	4	12	100
Arm Processor	18EI72	28	27	1+1 NE	10	9	8	96
Mechatronics	18EI731	27	27	2NE	6	6	15	100
Smart Sensors And Intelligent Instrumentation	18EI741	29	27	2	10	7	10	93
Human Resource Management	18IM751	9	9	0	7	1	1	100
Python Application Programming	18CS752	15	15	0	4	5	6	100
Environmental Protection And Management	18CV753	5	5	0	4	1	0	100
Process Control And Virtual Instrumentation Lab	18EIL76	29	29	0	28	1	0	100
Arm Processor Lab	18EIL77	27	27	2NE	23	3	1	100
Project Work Phase - I	18EIP78	29	29	0	29	0	0	100
Over all result		29	25	2F+ 2NE	20	5	0	86

SEM: 8th

Year:2023-24

Sub Name	Sub Code	Appeared	Pass	Fail	FCD	FC	SC	Pass %
Neural Network And Fuzzy Logic Systems	18EI81	29	29	0	9	7	13	100
Industrial Process Instrumentation	18EI822	29	29	0	15	9	5	100
Project Work Phase -2	18EIP83	29	29	0	29	0	0	100
Technical Seminar	18EIS84	29	29	0	27	2	0	100
Internship	18EII85	29	29	0	28	1	0	100
Over all result	29	29	29	0	27	2	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
2023-24	29	29	9

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
2023-24	29	29	4

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

Sl.No	Name of the FDP/ Workshop/ Conference	Date
1	Hands-on ROS based Robotics applications by Mr. Basavaraja H M and Mr. Nikhil U, Newro Robotics, Bengaluru	28/08/2023 to 02/09/2023
2	Workshop on “MATLAB and SIMULINK” by Mathworks.	17/05/2023
3	Seminar on “3E Quotient for better future of Students” by Mr. Rajesh, Software Engineer & Team, iBridge360, Bengaluru	13/05/2024.

Sl. No.	Year	Seminar	Date /s	Resource person Name	Organizers & Venue	Participation
1	2023-24	Seminar on Exploring Opportunities - Studying Abroad	14-12-2023	Mr. Vijay Armugum, Regional Manager - Business Development and team, @ GoStudy, Bengaluru.	Dept. of E&IE JSSATEB	5th and 7th semester students (75)

Industrial visit: The department of Electronics and Instrumentation Engineering had organized an industrial visit to Mangalore Paper Mills Pvt. Ltd. on 23rd January 2024 for 5th semester students. The purpose of the visit was to gain firsthand knowledge and experience on the inner workings of the operation and functioning of the paper industry; Mangalore Paper Mills Pvt. Ltd. being a key player in the sector. The students were accompanied by two faculty members, Dr. D. Jayadevappa, HoD, and Mrs. Sowmya M.S, Assistant Professor.



Student Development Program:

A Student Development Program on “Hands-on ROS Based Robotics Application” was organized by the Department of Electronics and Instrumentation Engineering from 28th August 2023 to 2nd September 2023.

The objective of the SDP was to facilitate the Hands-on experience on Robotics operating system embedded applications in the field of Robotics to train students to acquire skills on the ROS platform.

The Student Development Program was started with the inauguration on 28nd August 2023 at 2.00pm. Mr. Basavaraja H M and MR. Nikhil U, Newro Robotics, Dr. D Jayadevappa, HOD, EIE and all the faculties and student participants of E&IE department were present the inaugural function. The inaugural function was followed by the training sessions.



Figure: HoD welcoming the Recourse persons

The details of the training program conducted for five days of SDP are as follows:

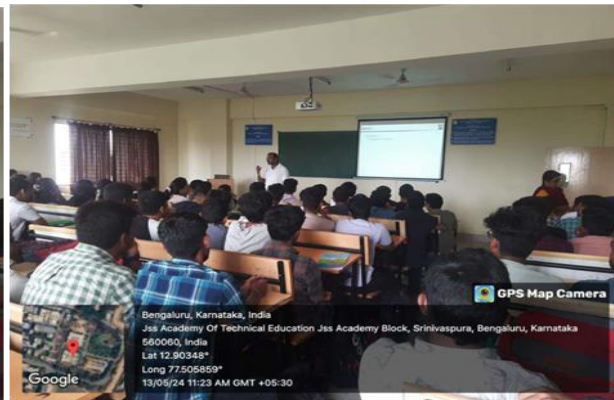
The students were given the introduction to the Robotics Operating System. The resource person made the students understand the various sensors and actuators, Mini CPU, Microcontrollers. Also Introduction ROS was discussed along with installation of ROS. Students got to know the ROS tools and ROS workspace, manual control of the rover. Students could Build a ROS based voice controlled robot, That is an Interactive robot project and a direction controlled robot. Students learnt ROS applications and enjoyed all sessions.

The students benefited from the workshop in terms of knowing a new software like ROS and learning its usage and various applications. 20 students from 4th semester were registered to the student development programme. The 5 days student development programme came to an end by an official valedictory event on 2nd February 2023. The students shared their feedback and expressed to organize such events for more than 10 days.





The department of Electronics and Instrumentation Engineering had organized seminar on “3E Quotient for better future of Students” on 13th of May, 2024. Mr. Rajesh, Software Engineer & Team, iBridge360, Bengaluru was the guest lecturer of the seminar. The seminar was attended by 4th and 6th semester students of Electronics and Instrumentation Engineering and received positive feedback from all participants. This program was organized and coordinated by Mrs. 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 is established in the year 1999. The current intake is 180. Department is strengthened by well-qualified faculty members 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, IET, 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	22 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	26 years	
5	Dr Nethravathi B	Associate Professor	BE, M.Tech, Ph.D	20 Years	

6	Dr Sowmya K N	Associate Professor	BE, M.Tech, Ph.D	19 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	21 Years	
9	Mrs Mamatha G	Assistant Professor	BE, M.Tech,(Ph.D)	25 years	
10	Mrs Sudha P.R	Assistant Professor	BE, M.Tech,(Ph.D)	18.5 Years	
11	Mrs Nagashree S	Assistant Professor	BE, M.Tech,(Ph.D)	8 years	




12	Mrs Sahana V	Assistant Professor	BE, M.Tech,(Ph.D)	11 years	
13	Mrs Punitha M	Assistant Professor	BE, M.Tech,(Ph.D)	5.3 Years	
14	Ms Sukrutha C Basappa	Assistant Professor	BE, M.Tech,(Ph.D)	2 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	Mr Chetan R	Assistant Professor	B.E., M.Tech, (Ph.D)	17 Years	
18	Mrs 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	
20	Mrs Manasa D S	Assistant Professor	B.E., M.Tech	6	
21	Mrs Deepa Konnur	Assistant Professor	BE, M.Tech,(Ph.D)	3.5	
22	Mrs Shylashree U R	Assistant Professor	BE, MTech	5.6 years	

23	Mrs Pushpalatha V	Assistant Professor	BE, M.Tech,(Ph.D)	2 years	
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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: 750 (included M.Tech Students)
GIRLS: 294
BOYS: 456

RESEARCH PUBLICATIONS/CONSULTANCY/PATENTS/FUNDED PROJECTS

Publications in National/ International Journals

1. Dr. D V Ashoka, Chetan R Improved top-down attention phasmatodea population spiking neural network based multi crop recommendation framework Multimedia Tools Application, Issn: 1573-7721, Print Issn: 1380-7501, 27-04-2024 4.27 Q1 (Scopus/WoS)
2. Dr. D V Ashoka, Chetan R Hybrid TransferNet: soil image classification through comprehensive evaluation for crop suggestion IAES: International Journal of Artificial Intelligence, Vol: 13, Issue. No. 2, June 2024. 2.85 Q3 (Scopus)
3. Dr. D V Ashoka. Manjunatha B. Talawar A Deep Learning-Based Reliable Link Prediction Model for Achieving Traffic-Aware Routing in Mobile Ad-hoc Networks International Journal On Artificial Intelligence Tools, ISSN (Print): 0218-2130 | ISSN (Online): 1793-6349, Vol. No. 33, Issue No.4. 18-06-2024. 1.27 Q4 (Scopus/WoS)
4. Dr. D V Ashoka, Sowmya Venkatesh, Maragal Venkatamuni Vijay Kumar Robust Missing Data Handling using Intelligent Machine Learning Imputation Technique for Heterogeneous Dataset International Journal Of Intelligent Systems And Applications In Engineering, Vol No. 12, Issue No 18, March 2024. 1.74 Q3(Scopus)
5. Dr. D V Ashoka, Rajatha Unveiling visionary frontiers: a survey of cutting-edge techniques in deep learning for retinal disease diagnosis 1.94 Q3(Scopus)
6. P. M. Rekha, Nagamani H Shahapure 3D mask based lung function monitoring system using machine learning for early identification of lung disorders International Journal of Imaging Systems and Technology Volume 34, Issue 4 July 2 4.05 Scopus & WOS Q2.
7. Punitha M, P. M. Rekha Potential Applications Of Internet Of Things: A Comprehensive Analysis System Research and Information Technologies Volume 1, Issue 1 March 2024 0.25 Scopus Q4.
8. P. M. Rekha Multi-objective load balancing based on adaptive sprey optimization algorithm International Journal

Of Information Technology 3.07 Scopus Q2

9. Dr. Abhijith H V Efficient and secure data aggregation for resource-constrained IoT environments. International Journal Of Safety And Security Engineering 1.6 Scopus Q3
10. Dr. Sowmya K.N Smart irrigation with crop recommendation using machine learning approach Bulletin Of Electrical Engineering And Informatics 1.96 Scopus Q3
11. Dr. Nethravathi B Advanced Direction-of-Arrival Estimation in Coprime Arrays via Adaptive Nyström Spectral Analysis IEEE Sensors Letters 2.8 WOS and Scopus (Q2)
12. 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/ijss.140516> 2.41 To be indexed Q3.
13. 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 1869-546914, 192 (2024) <https://doi.org/10.1007/S13278-024-01345-3> 24 September 2024 3.49 Scopus, WoS, Q1.
14. Mrs. Kavya T C Sensitive Photonic Crystal Biosensor using distributed Bragg Structure for alcohol concentration detection Plasmonics, <https://doi.org/10.1007/S11468-024-02511-1> Aug 2024 3.3 Scopus Q3.
15. Dr. Sowmya K N Smart irrigation with crop recommendation using machine learning approach Smart irrigation with crop recommendation using machine learning approach 1.90 Scopus.

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, 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)
3.	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)

4.	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, Bengaluru	MAT Journals: Recent Trends in Artificial Intelligence & It's Applications e-ISSN: 2583-4819, Vol. 3, Issue 2 (May – August, 2024) pp: (19-28)
5.	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)
6.	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
7.	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)
8.	Rekha P M, S Rao, S., B V, V., P M, R., U, V., V P, S., & Murugesan, R.	Exploring Social Dynamics in Paying Guest Recommendation Systems: A Survey	10th National Conference on Advancements in Information Technology - NCAIT 2024, 30th April 2024, JSSATE, Bengaluru	MAT Journals: Journal of Data Engineering and Knowledge Discovery, 1(2), 21–31.
9.	Sowmya K N Priyanshu Mishra	Cloud-based Service Request Architecture for B2B Applications	10th National Conference on Advancements in Information Technology - NCAIT 2024, 30th April 2024, JSSATE, Bengaluru	MAT Journals Journal of Sensor and Cloud Computing
10.	Dr. Rekha P M, Sharth Roa, Vishnu B V	Exploring social dynamics in paying guest recommendation system	10th National Conference on Advancements in Information Technology NCAIT-2024, 30th April 2024	Journal of Data Engineering and Knowledge Discovery, Volume 1, Issue 2, August 2024 (others)

11.	Sreeranga J Jainapur, Vishal KT, Sathvik S Upadhyay, Tanmaya R, Dr. Abhijith H V	Exploring Performance and Optimization Strategies of YOLOv7: A Survey and Analysis	10th National Conference on Advancements in Information Technology NCAIT-2024, 30th April 2024	
12.	Bale Manjunath Rajath, S Yaswanth Raj, Ankith S Bhargav, Srinivasan N, Dr. Abhijith H V	Multi-Platform Applications from Single Codebase: A Survey and Analysis	10th National Conference on Advancements in Information Technology NCAIT-2024, 30th April 2024	
13.	Dr. Sowmya K.N Priyanshu Mishra	Cloud based Service Request Architecture for B2B Applications	NCAIT - 2024, 30th April 2024	
14.	Shoury Verma, Nokhaiz Khan, Roshan, Kavya T C	AI Driven Helmet detection	NCAIT - 2024, 30th April 2024	
15.	Darga Asif Ali, Deshmukh Samarth, G Shrinidhi, Gireesh Bhat, Kavya T C	Practical Approach for Sentiment Analysis of Hindi Text using Ensembling Techniques	NCAIT - 2024, 30th April 2024	
16.	Neha M Jain, Dr D V Ashoka, Dr. Rekha P M	KRISHI VIKAS: AN AGRONOMY FOR EXTENSIVE FARMING USING DEEP LEARNING	NCAIT - 2024, 30th April 2024	
17.	Bhumika L, Chandana V, Dr. D V Ashoka, Dr. Rekha P M	Prediction of Breast Cancer using Machine Learning approach	NCAIT - 2024, 30th April 2024	
18.	Shashank N Mugali, Sudarshan N, Vaishnavi S Bhat, Rakshitha P Bharadwaj, Dr. Ashoka D V	From Genes to Pathogens: A Survey and Analysis	NCAIT - 2024, 30th April 2024	
19.	Rigan Burnwal, Prathamesh Katkam, Pooja S, Griya Raja, Dr Rekha P M	VYAYAM AI	NCAIT - 2024, 30th April 2024	

20.	Pratik K M, Sucheth N S, Tejas T S, Vishakh V Hegde, Dr Rekha P M	NeuralAI Sentinel	NCAIT - 2024, 30th April 2024	
21.	Aman Kumar,B N Bhavana,J Jyothsna ,Namratha Prakash,Mrs. Sukrutha C Basappa	Emotion Detection in AI and Computer Vision: A Comprehensive Survey of Methods and Challenges	NCAIT - 2024, 30th April 2024	Journal of Intelligent Decision Technologies and Applications, Vol. 1 No. 2 (2024) (others)
22.	Sinchana Divakar Goudar, Mamatha G	Review on Technology Advancements in Biometric Authentication'	10th National Conference on "Advancements in Information Technology" NCAIT-2024, 30/04/2024	Journal of Information Security System and Cyber Criminology Research, Volume 1 Issue 2, June 2024
23.	Neha Subrahmanya Hegde, Mamatha G	Review on AI-Driven Automation for Autonomous Vehicles	10th National Conference on "Advancements in Information Technology" NCAIT-2024, 30/04/2024	Recent Trends in Artificial Intelligence & Its Applications (e- ISSN: 2583-4819) Volume 3 Issue 2, June 2024
24.	Aditya T Rathod, Mamatha G	A Comprehensive Review on Digital Twin Applications in Healthcare System	10th National Conference on "Advancements in Information Technology" NCAIT-2024, 30/04/2024	
25.	Nitya N Hegde, Mamatha G	Prototype Pollution Detection for Node.js Applications: a Review	10th National Conference on "Advancements in Information Technology" NCAIT-2024, 30/04/2024	

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	Design and Development of an Intelligent System for Air pollution supervision in Mining industry using industrial IoT and Deep learning	Dr. D V Ashoka, Basamma Umesh Patil, Chetan R	VGST	VGST, Government of Karnataka, Bengaluru.	15,00,000	25/06/2024
3	From Theory to practice: comprehensive hands on FDP in Cyber Security	Dr. D V Ashoka, Chetan R	VGST	VGST Government of Karnataka, Bengaluru.	2,00,000	25/06/2024
4	Award for Best Research Publication	Chetan R	VGST	VGST Government of Karnataka, Bengaluru.		28/06/2024
5	Design of Intelligent Oil Spill Detection System Using Internet of Underwater Things.	Dr. Abhijith H V	VGST	VGST, Government of Karnataka, Bengaluru.	10,00,000	20/06/2024
6	Digital Forensics for Healthcare data	Dr. Sowmya K.N	SERB	SERB POWER Scheme, DST.	26,98,967	31/Jan/2024
7	Development User friendly app tool based on Machine learning trained Gait analysis for Early detection of Parkinson's disease	Dr. Nethravathi B	VGST	VGST, Government of Karnataka, Bengaluru.	20,00,000	21/06/2024

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. Dr. Rekha P M- Chief guest and judge for “PAPYRUS & COGNITION 2K24 - A State Level Paper Presentation and Project Exhibition “ for UG & PG students on 5-1-2024, Dept. of E&CE Bapuji Institute of Engineering & Technology, Davangere.
3. 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

4. Dr. D V Ashoka Professor, Dept. of ISE, Keynote/Session Speaker at “Latest Advancements in Science, Management, Commerce and Educational Research (LASM CER-2024) an international conference organized by Institute for Educational Research and Publication (IFERP) in Montreal, Canada on 2nd and 3rd November, 2024.
5. 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.
6. Dr. Sreenatha M, Resource Person for the Technical Seminar on “Python and Machine Learning” at Sanjay Memorial Polytechnic, Sagara. on 13th Sep, 2024.

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
•	Rank	1JS20IS101- Shriraksha Vaidya	VIII	Secured 7 th rank in VTU 2024	July 2024
•	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
•	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
•	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
•	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
•	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
•	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
•	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
•	Internship	1JS21IS114-Sushmitha P K	VII	Intern at Eskape Digital.	5/10/24 - 31/1/25

				Stipend to be determined after 1 month	
•	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
•	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
•	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
•	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
•	Hackathon, Prototype Building, Buggoff	1JS23IS107-Parikshith V 1JS23IS015-Anurag Jaiswal 1JS23IS034-Devlohani 1JS23IS081-Mahi Singh 1JS23IS063-Kartavya Verma 1JS23IS086-Mayank Dhaundiyal	III	Participated in CICADA 2024 and got the 4th place	7/11/24
•	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
•	Yoga	1JS23IS146- Sanjana Salimath	III	Participated in the VTU Yoga Tournament held at Tumkur and secured 4th place	23/9/24 - 24/9/24
•	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
•	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	8/10/24 and 9/10/24

				Clubs, Talent Hunt, Idea Forge, Singing, Dance, RAP, Open MIC	
•	Project funding	Aman Kumar [1JS20IS012] B. N. Bhavana [1JS20IS026] J. Jyothsna [1JS20IS043] Namratha Prakash [1JS20IS054]	8	Received funding of Rs.4500/- from 47th series KSCST Student Project Programme, for the project titled “EUDA - EMOTION UNDERSTANDING AND DEVELOPMENT AI”	April 2024
•	Best Project	P Sneha [1JS20IS067] Pranith O [1JS20IS072] Rakesh G[1JS20IS083] Anuguru Samitha Reddy [1JS20IS019]	8	Received Best Project award at Open day Project Exhibition, JSSATEB for the project titled “AI Virtual Mouse Using open CV for Disabled people using Head Motion”.	4/5/2024
•	KSCST, "Student Project Programme - 47th Series".	ADITYA T. RATHOD [1JS20IS007], NEHA SUBRAHMANYA HEGDE [1JS20IS056], NITYA N. HEGDE [1JS20IS064], SINCHANA DIVAKAR GOUDAR [1JS20IS103]	8	Received funding of Rs.4500/- from KSCST for Student Project titled, “EMPOWERING RURAL DAIRY FARMING: AUTOMATION FOR INDIAN CATTLE HERDERS”	Apr 2024
•	Internship	Satwik G Vaidya [1JS21IS097]	6	Intern at Zurn Elkay Water Solutions for 4 months with stipend of Rs.15000/- per month	15th May 2024
•	Best Cybersecurity Project	Mukunda M [1JS23IS096] A.V. Ranganath [1JS23IS002] Komal M [1JS23IS068]	2	Team has Procured the Best Cybersecurity Project award at the international level 30hrs Hackathon “Shecodes” hosted by Reva University.	14th - 15th June 2024.
•	Best Paper	Sharath S Rao, Vishnu B V	8	Received Best Paper award at NCAIT-	April 2024

				2024, JSSATEB for the Paper titled “Exploring Social Dynamics in PayingGuest Recommendation Systems: A Survey”	
•	Internship	Ayaan Kumar [1JS1IS022] Bhumika C P [1JS21IS027] Shreya Gore [1JS21IS101] Khushi Chhetri [1JS21IS047]	6	Secured an internship with stipend at Cognizant	June 2024
•	Internship	Harshitha Khushi [1JS21IS038]	6	Selected as a data engineer intern at Prescinto.Inc	June 2024
•	Internship	Aadrika Srivastava [1JS21IS001]	6	Mern Stack Development Intern at V.B.C Developers for 6 months	25th April 2024
•	Best Poster	Rakshith R	8	Received Best Poster award at NCAIT 2024, JSSATEB for the Poster title Enhancing Smart Farming with BlockChain Rest Scheduling and data Fusion	April 2024
•	Best Paper	Al Aqmar Damana[1JS20IS048] , Sanjana Reddy[1JS20IS036] , Kumar Mayank [1JS20IS048], Nilesh Tiwari[1JS20IS061]	8	Received Best paper award at NCAIT 2024, JSSATEB for the paper title “Retrieval Augmented Generation: A Survey”	April 2024
•	Culturals - Singing	Shreyas P Rayas [1JS22IS139]	4	Secured first place in Solo Singing Competition in a fest SAMBHRAM'24 held at RVITM, Bengaluru.	30th May 2024
				Secured 1st place in solo singing competition “Voice of Verve” held at JSSATE-B	8th June 2024
				Secured 1st place in solo singing competition at ELYSIA fest, organised by Dept. of	8th June 2024

				ISE, SJBIT, Bengaluru	
•	Student coordinators	Bhumika CP (1JS21IS027) Arpitha YV (1JS21IS020) Ananya S Bangalore (1JS21IS010) Karthik K S (1JS21IS043) Prerana L Biradar (1JS21IS077) Uttam J (1JS21IS117)	6	Student coordinators for National Conference on Advancements in Information Technology - NCAIT 2024	30th April 2024
		Srujan P R (1JS22IS150)	4		
•	Culturals - Western Dance	Manisha [1JS21IS059] Ganavi T U [1JS23IS047] Shravya [1JS22IS134]	6 2 4	Secured 2nd Place in Western Group Dance event at “Aatmatrisha” fest organised by PES University, Bengaluru	28th March 2024
				1st Place in western dance event at “Halcyon 2024” held at SIT, Tumkur	20th April 2024
				2nd place at Anaadyanta Intercollegiate Cultural Fest, hosted by NMIT	May 3rd, 2024
				1st place att Tatva, the Intercollegiate Cultural Fest organized by BNMIT (B.N.M. Institute of Technology), Bengaluru	May 8th, 2024
				2nd Place at Acharya Habba, the Intercollegiate Cultural Fest hosted by Acharya Institute of Technology	May 9th, 2024
				1st place at Samskruthi, the collaborative Intercollegiate Cultural Fest hosted by BMS College of Commerce and Management & BMS Evening College of Arts and Commerce	May 10th, 2024
				1st place at Cultura, the Intercollegiate	June 22nd,2024

				Cultural Fest hosted by CMRIT, Bengaluru	
				1st place at Swayam, the vibrant Intercollegiate Cultural Fest hosted by MVJ College of Engineering, Bengaluru	May 24th, 2024
				1st place at Invincia, the Intercollegiate Cultural Fest hosted by Presidency University, Bengaluru	May 25th, 2024
•	Technical Talk	Satwik G Vaidya [1JS21IS097] , Bhumika C P [1JS21IS027], Sahil D C [1JS21IS088]	6	A technical talk “From Algorithms to AI: Building the future with code” for 2nd semester students of ISE.	May 2024
•	Sports	Dhanush C.N (1JS23IS035)	2	Runner up at VTU South Zone Division Men Table Tennis Tournament conducted at SJBIT, Bengaluru.	2nd July 2024
•	Sports	Amog Patel D K [1JS21IS008] Preetham K Sathish [1JS21IS076] Arjun P [1JS21IS019] Sampath [1JS21IS093] Chidvilas [1JS21IS055]	6	Secured 2nd place in Men’s Volley Ball Competition held at RVCE, Bengaluru	18th to 20th May 2024
		Dhanush K G [1JS23IS037]	2	Represented ISE Dept and Secured 1st place in Men’s Volley Ball at Verve Cup, JSSATEB	8th June 2024
•	Hackathon	Karthik S [1JS22IS409] Manoj D [1JS22IS406]	6	Runner up and received cash prize of Rs.30,000/- at CIDECODE hackathon conducted by DSCI, Criminal Investigation Department (CID) of Karnataka and Infosys.	March 2024
•	Scholarship for MS Program	Shashank N Mugali [1JS20IS095]	8	Got admission for MS in Data Science from DePaul University, Chicago,US with scholarship of 7500\$	March 2024

•	Culturals - Singing	Shriraksha V [1JS20IS101]	8	Secured 3rd place in the light Vocal Solo Singing at 23rd VTU Youth Festival “Bliss Beat 2024” held at SJCIT, Chikkaballapur	27th to 30th March 2024
•	Internship	Farhan Beg [1JS21IS033]	6	Completed 1 month internship on HCS Penetration Testing at Hactify Cybersecurity	15th March 2024
•	Sports	Vrushak 1JS22IS183 Vrishank 1JS22IS182 Samanth 1JS22IS123 Samarth 1JS22IS124 Kr Ankit 1JS22IS061	4	Secured 1st place in Inter Department Football competition, VERVE Cup organised by JSSATE-B	6th to 8th June 2024
		Mogaveera Darshan 1JS23IS088	2		
		Kushal Sinha-1JS21IS052	6		
•	Best Project	Nikhil Kumar [1JS20IS058] Kruthik N Bharadwaj [1JS20IS047] Jagath D Anvekar [1JS20IS045]	8	Received Best Project award at Open day Project Exhibition, JSSATEB for the project titled “Glam Tech- Virtual Appearance, Makeup and Jewellery Mirror”.	4/5/2024
•	Best Project	Sudarshan J S [1JS20IS122] Aman K Kashyap [1JS20IS124] Mohammed Tolha Baig [1JS20IS052] Jagadisha P [1JS20IS044]	8	Received Best Project award at Open day Project Exhibition, JSSATEB for the project titled “Detection and Classification of Pulmonary Tuberculosis using DL”	4/5/2024
•	Best Project	sharath S Rao [1js20is094] vishnu B V [1js20is119]	8	Received Best Project award at Open day Project Exhibition, JSSATEB for the project titled “Persona Genix”	4/5/2024
•	Best Project	Al Aqmar Damana [1JS20IS011] Kumar Mayank [1JS20IS048] Nilesh Tiwari [1JS20IS061] G Sanjana Reddy [1JS20IS036]	8	Received Best Project award at Open day Project Exhibition, JSSATEB for the project titled	4/5/2024

				“VidTalk: Empowering Effortless Video Engagement and Information Discovery”	
•	Best Project	Rigan Burnwal [1JS20IS087] Pooja S [1JS20IS069] Prathamaesh Katkam [1JS20IS074] Griya Raja [1JS20IS040]	8	Received Best Project award at Open day Project Exhibition, JSSATEB for the project titled “Vyayam AI - Posture Analysis and Rep Counter”	4/5/2024
•	Project Funding	Al Aqmar Damana[1JS20IS048] , Sanjana Reddy[1JS20IS036] , Kumar Mayank [1JS20IS048], Nilesh Tiwari[1JS20IS061]	8	Received funding of Rs.4500/- from 47th series KSCST Student Project Programme, for the project titled “VIDTALK: EMPOWERING EFFORTLESS VIDEO ENGAGEMENT AND INFORMATION DISCOVERY”	April 2024
•	Project Funding	RAKSHITH R HARI DARSHAN S. V. SHIVAM NATH SHREEHARSHA M HEGDE	8	Received funding of Rs.4500/- from 47th series KSCST Student Project Programme, for the project titled “AROGYA VICHARANA - PREDICTION OF DIABETES AND ITS COMPLICATIONS”	April 2024

•	State Level Project Exhibition	Al Aqmar Damana[1JS20IS048] , Sanjana Reddy[1JS20IS036] , Kumar Mayank [1JS20IS048], Nilesh Tiwari[1JS20IS061]	8	Final year project selected for state-level exhibition to be held at Sharnbasva University, Kalaburagi on 9th and 10th August 2024, under 47th series Student Project Programme by Kscst. Project Title: Vidtalk: Empowering Effortless Video Engagement And Information Discovery	June 24, 2024
•	Internship	Aryan Anand [1JS21IS126]	6	Web Development Intern at Prodigy InfoTech, for a duration of 1 month.	1st May 2024

RESULTS:

Semester	2023-24 (in Percentage)
8 th semester	96
7 th semester	92
6 th semester	95
5 th semester	90
4 th semester	86
3 rd semester	83
2 nd semester	93
1 st semester	87

PLACEMENTS:

Year	Number of Students	Placements	Higher Studies	Entrepreneurs
2023-24	127	60	5	-
2024-25	137	24	-	-

HIGHER STUDIES:

5 students have taken up higher education

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)

Date: 08-01-2024

Title: Technical Talk on Higher Education and Entrepreneurship Awareness Prog

Speakers: Mr. Abhilash, Sales and Marketing Manager, Nestlings, Bengaluru

Report: Speaker gave an insight on Nestlings, known for its thorough research and professionalism, is a one-stopshop for education abroad. Nestlings make the entire process of studying abroad, from preparing to joining a foreign university, a smooth process. In recent years, the inclusion of several value-added services such as discounted couriers, educational loans, and pre-departure orientation has made Nestlings Education a one-stop solution center for all your study abroad requirements.



Date: 13-01-2024

Title: Motivational Talk on Strategies for Success in Civil Services

Speakers: Mr.Majnunath R, IAS Officer

Report: To create awareness for the civil services and the strategies to achieve success in the exams for the UPSC aspirants.



Date: 19-01-2024

Title: Technical Talk on Going beyond boundaries of academics.

Speakers: Mr.MadhveshParthkudi currently a Business Analysis Manager, Supply Chain & Operations at Cisco.

Report: To foster a holistic approach to education that transcends traditional classroom learning. To inspire individuals to broaden their horizons, cultivate diverse skills and embrace experiential opportunities, fostering personal growth, adaptability and a Well-rounded perspective.



Date: 19-01-2024

Title: Student Club Inauguration- SAMYOG

Speakers: Mr.MadhveshParthkudi currently a Business Analysis Manager, Supply Chain & Operations at Cisco

Report: To create dynamic and inclusive platforms that fosters the holistic development of students within the academic

community. To provide opportunities for students to engage in diverse extracurricular activities, Cultivate leadership skills and form meaningful connections with peers who share Common interests.



Date: 20-01-2024

Title: Parents Teacher Meeting

Report: Parents Teachers Meeting for third and fifth sem students of ISE Department was held on 20th January 2024 Saturday at room no. A223. The Meeting started off at 12.00PM. Dr.Rekha.PM, Head of the ISE Department gave a formal introduction about the department. All the faculty members introduced themselves to the parents specifying their subject expertise, year of experience etc. Later on there was a one to one interaction of the parents with all the teachers discussing their ward's performance in internals and labs, their attendance status.



Date: 07-02-2024

Title: Technical Talk on “Strategic Career Development in the Digital Age”

Speakers: Satwik G Vaidya, Bhumika C P, Sahil DC 3rd year students, dept. Of Ise

Report: Equip attendees with practical strategies to leverage LinkedIn enabling them to enhance their professional visibility and attract career opportunities in the digital age. Provide insights effectively for personal branding and networking, into utilizing Massive Open Online Courses (MOOCs) and engaging in impactful projects to develop and showcase relevant skills on resumes, empowering attendees to adapt to the evolving job market and advance their careers strategically.



Date: 13-02-2024

Title: ISRO Industrial Visit

Speakers: Dr.Santhosh Kumar, Senior Scientist, ISRO

Report: To provide a Forum for all the students to know about satellite technology and various milestones achieved by India Space Research Organisation.



Date: 17-02-2024

Title: Technical Talk and Hands on Session on Importance of Programming

Speakers: 1. Mr. Rajiv Singh, SE,JL2, A.P. Moller-Maersk.

2. Mr. Abhinav Anand, Graduate Engineer Trainee, R&D, Mercedes Benz

3 Mr. Vedant Srivastava, Graduate Engineer Trainee, R&D, Mercedes Benz(Alumini)

Report: A hands-on session was organized by the Department of ISE on 17thFeb 2024 for the students of III and V sem. Thesession was conducted by Alumni of ISE, JSSATE. The session was on Problem Solving through Programming and Skills on Hacker Rank. Around 80 students of the IIIand V sem attended the session.



Date: 01-04-2024

Title: Three-day Faculty Development Program on “Full Stack Development using Django

Speakers: Mr.Praveen Dyamappa, CTO, DyashinTechnosoft, Mr. Joseph B Tellies

Report: Day1: In the morning session FDP Inauguration was performed. Mr. Praveen Dyamappa, CTO,Dyashin Technosoft was the chief guest. Dr.BhimasenSoragoan, Principal JSSATEB presided the function. Dr. Rekha PM, Professor and Head, Dept. of ISE, welcomed the gathering. Dignitaries inaugurated FDP by lighting the lamp. Mr. Praveen Dymappa, in his address mentioned about how availability of resources has changed in a span of 20years. Dr. BhimasenSoragoan, Principal JSSATEB delivered the presidential address. Inauguration program concluded with vote of thanks by Dr.Abhijith H V.After the Inauguration function, Sessions on Python was carried out by Mr.Joseph B Tellis. Topics discussed on day 1 are Python Introduction WhyPython, Python Installation, Data Types, List, Set, Dictionary, Tuple, functions,Map, Reduce, filter,Iterators, generators, Ooops in Python.



Date: 30-04-2024

Title: NCAIT, conference

Speakers: Mr. Pramod Kumar, AI Software Solution Engineer, Intel Corporatio

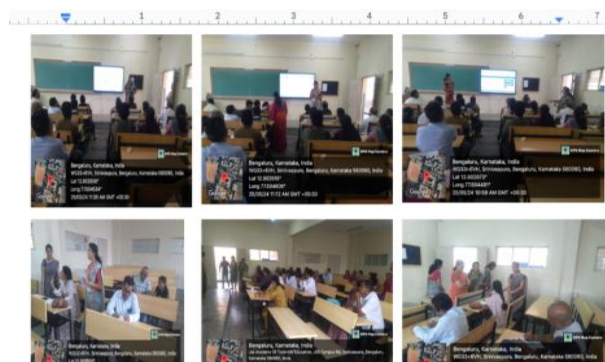
Report: To provide a forum for research scholars, undergraduate, and postgraduate students to explore their ideas in research and development, and to exchange new opportunities in information and technology.To showcase knowledge and advancements in domain-specific initiatives within the field of Information Technology.



Date: 25-05-2024

Title: Parents Teacher Meeting

Report: Parents Teachers Meeting for fourth and sixth sem students of ISE Department was held on 25th May 2024 Saturday at room no. A223. The Meeting started off at 10.00AM. Dr.Rekha.PM, Head of the ISE Department gave a formal introduction about the department. All the faculty members introduced themselves to the parents specifying their subject expertise, year of experience etc. Later on there was a one to one interaction of the parents with all the teachers discussing their ward's performance in internals and labs, their attendance status, punctuality etc. Teachers motivated the slow learners to work hard and they also appreciated the performance of bright.



Date: 04-06-2024

Title: Farewell final year students.

Report: Farewell function for final year students of 2020 Batch was organised by Department of ISE under the banner of Samyog Student Forum. The event was held on 04-06-2024 (Tuesday) 10.30am. Students of 2021 batch hosted the event. Harinishree, Ananya Bangalore, Satwik Vaidya was the student coordinators. Satwik of 6th Sem A section was the anchor. The event was also a program for students talent's performance where pre final year students performed dance, drama and musical show. Musical show was performed by Shreyas Rayas, Shreya Sreevalli of 6th semester, Dance program was also performed by students of 6th semester and 4th semester.



Date: 14-06-2024

Title: MAC3 Personality Development Program

Speakers: Mr.Nikil Dubey

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



Date: 18-06-2024

Title: Hands on Workshop on Devops: Automation, Integration and Deployment

Speakers: Vikrant Kumar

Co Founder and Director, Tripalliar Solutions

2. Saurabh Sarkar

Senior Project Manager Tripalliar Solution

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

The resource person gave an insight about devops and its application.DevOps (“development” and “operations”) is the combination of practices and tools designed to increase an organization’s ability to deliver applications and services faster than traditional software development processes. This speed enables organizations to better serve their customers and compete more effectively in the market.



Date: 13-07-2024.

Title: Agility in Software Engineering

Speakers: Karthik N.C

Principal Engineer

Firmware River Mobility Pvt. Ltd.

Bengaluru

Report: 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.



Date: 30-08-2024

Title: Orientation Day for third sem students

Speakers: Department Teaching Faculty

Report: To introduce the various subjects, faculties and scheme of evaluation followed in the department.



Date: 05-09-2024

Title: Workshop on Power Bi and Tablaeu

Speakers: Ms. Spoorthi Kulkarni

Report: A hands-on session was organized by the Department of ISE on 5th Sept 2024 for the faculty of ISE Department. The session was conducted by Alumni of ISE, JSSATE. The session was on Power Bi and Tablaeu. Around 20 faculty of the department attended the session.



Title: MoU Signing with Getronics

Speakers: Mr. Premnath Anand ,Mr. Suraj Raghunath(alumni)

Shweta Wilson & Shiladitya Mondal



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	22 (No. of Ph.D.: 17, and Pursuing Ph.D.: 05)
Technical Staff	11(01 Foreman, 05 Instructor, 04 helper, 01 Attender)
Total No. of Students	UG : 163 PhD:20
No. of Students Graduated	1342
No. of Class rooms with LCD and CCTV	04
No. of laboratories	12
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	133

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	30
2	Dr.Anand Kumar R Annigeri		Professor	M Tech.,PhD	31
3	Dr.B V Raghavendra		Associate Professor	M Tech.,PhD	29
4	Dr.Mruthunjaya M		Associate Professor	M Tech.,PhD	29
5	Dr.Gowreesh S S		Associate Professor	M Tech.,PhD	18
6	Dr.K B Yogeesha		Associate Professor	M Tech.,PhD	24

7	Dr.B G Prashanth		Asst.Professor	MTech, PhD.	18
8	Dr,Anilkumar K S		Asst.Professor	M Tech.,PhD	17
9	Nagaraja T. K.		Asst.Professor	MTech,(PhD)	16
10	Kousik S		Asst.Professor	M.Tech (Ph.D)	16
11	Dr. JS Srikantamurthy		Asst.Professor	M Tech.,PhD	18
12	Dr.Venkatesh B N		Asst.Professor	M Tech.,PhD	17

13	Dr.Devappa		Asst.Professor	M Tech.,PhD	18
14	Dr.G M Swamy		Asst.Professor	M Tech.,PhD	25
15	Dr.Siddappa P N		Asst.Professor	M Tech.,PhD	18
16	Dr.Roopa D N		Asst.Professor	M Tech.,PhD	8
17	Dr.Veeresh B R		Asst.Professor	M Tech.,PhD	12
18	Prof.Umamaheshwar Hebbal		Asst.Professor	M.Tech (Ph.D)	19
19	Prajwal M		Asst.Professor	M Tech.,(PhD)	10

20	Dr.B M Santoshkumar		Asst.Professor	M Tech.,PhD	10
21	Praveenkumar U B		Asst.Professor	M Tech.,(PhD)	12
22	Dr.Marulasiddeshi		Asst.Professor	M Tech,PhD	8

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	15
2	Mr.Prasanna S S		Instructor	ITI	25
3	Mr.Kantappa		Instructor	DME	23
4	Mr.Suresha M P		Instructor	DME	15

5	Mr.Shivakumar S		Instructor	BE	8
6	Mr.Sachin P		Instructor	DME	7
7	Mr.Puneeth S		Lab Helper	DME	15
8	Mr.Balamahadevaswamy		Lab Helper	ITI	15
9	Mr.Mahesha B		Lab Helper	ITI	10
10	Mr.Yogesha K S		Lab Helper	ITI	13
11	Mr.Nagaraju B S		Attender	BA	16

NUMBER OF STUDENTS ON ROLL:

TOTAL: 163

GIRLS: 15

BOYS: 148

RESEARCH PUBLICATIONS/CONSULTANCY/PATENTS/FUNDED PROJECTS

Journal Publications Details				
Year	WoS	Scopus	Others	Total
2024	5	8	1	14
2023	1	6	2	9

Publication in Conference			
Year	National Conference	International Conference	Total
2023-24	1	4	5

Patents:

Patent Details (May-2022-Onwards)

Dr. Gowreesh, Dr. JS Srikantamurthy and Prof. Veeresh BR: **02 Patents**

Dr. K B Yogesh: 01

Funded Projects :

Funded Projects Details (Faculty):

Autonomous E-Kart funded by KSCST for Rs. 4.74 lac: PI: Prof. Kousik S

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

1) Student Final Year Projects Details (2023-24)-KSCST

Dr. Gowreesh SS and Dr. JS Srikantamurthy: 01 Project worth Rs. 5,000/-

Dr. BG Prasanth: 01 Project worth Rs. 7500/-

Dr. B N Venkatesh: 01 Project worth Rs. 5000/-

2) Students Internship (with or without stipend) Details (2023-24)

- Dassault Systems: 01 Student: Stipend of 20000 PM.
- GTTC: 10 students. without stipend

RESULTS:

SEE Results Details (%)		
2023-24		
Year	Odd Sem	Even Sem
I	33.3	47.05
II	27.6	61.3
III	40.4	35.2
IV	88.1	95.3

PLACEMENTS:

Details	2023-24
Total Number of Students	42
Eligible Students	20
Placement (Placement Office)	04 (short listed)
Placement (Dept.)	01

PROFESSIONAL BODIES LIST/ EVENTS :

Activities Conducted Under Professional Societies & Student Clubs Details

Professional societies Membership: **02**

- Fluid Power Society : Prof. Umamaheswar Hebbal, Coordinator
- Indian Institute Foundry Men : Prof. Maralusiddeshi HB, Coordinator

Students participated in Fluid Power Challenge held on June, 2023.

Project title "Fabrication of 360 degree Rotating Vehicle. Above team got two months of internship

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

Date: 02/03/2023

Name of the Event/activity: From Tachyon Motorsports Team – “Learn from the Experience” A talk is organized to share the experience gained by team of tachyon motorsports to the students.



Date: 11/03/2023

Name of the Event/activity: Robo Exhibition. A exhibition is organized to demonstrate the knowledge in robo.



Date: 02/06/2023 & 03/06/2023

Name of the Event/activity: Department Fest – IGNITE 2023



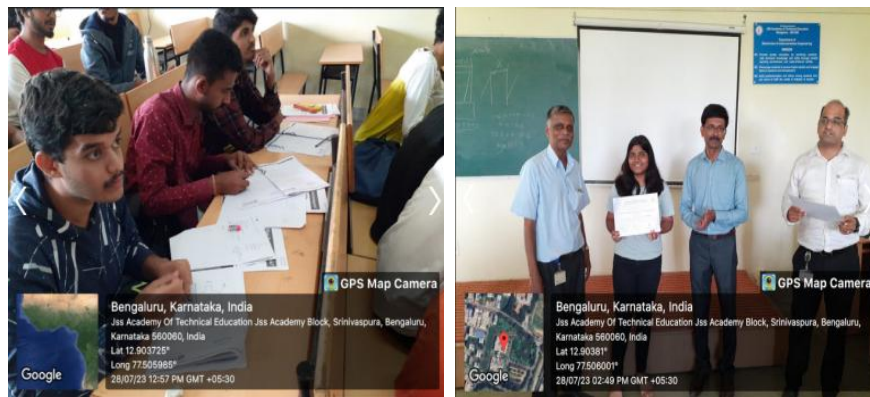
Date: 07/07/202

Name of the Event/activity: Felicitation to **Mr. KSB Pruthviraj** for his success in UPSC IFS examination. He secured 57th AIR and 5th place to Karnataka. Mr. Pruthviraj studied in the Dept. of Mechanical engineering, JSSATEB from 2014 to 2018 and maintained FCD in all the semester



Date: 27th & 28th July 2023

Name of the Event/activity: Dr. B T Nijaguna Memorial Expert talks series on the topic of “**Geometrical Dimensioning and Tolerancing (GD & T) and Employability skills**” Resource persons **Mr. Palani Kailash**, Training and Development, Prolotek Technologies Private Ltd, Bengaluru -560098, is invited to deliver the talk.



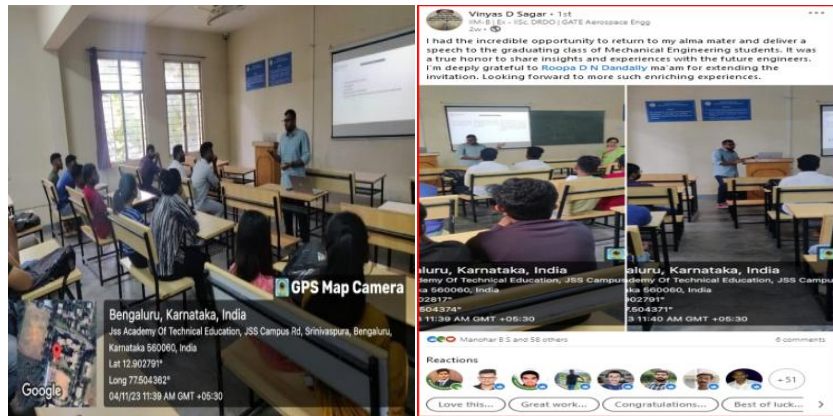
Date: 30th and 31st October 2023

Name of the Event/activity: Workshop on “**Spreadsheet for Engineers**”--**Train the Trainers** The workshop was inaugurated on 30th October 2023 by the Chief Guests, Sri Jayapraksh A. J Innovation Lead, Aerospace Vertical, Tata Consultancy Services, Bengaluru,



Date: 04/11/2023

Name of the Event/activity: Alumni Interaction-“Do Justice with Your Time”. Mr. Vinyas D Sagar, IIM-B | EX - IISC, DRDO | GATE AEROSPACE ENGG .



Date: 08/12/2023

Name of the Event/activity: Industry visit to HCCB, Bidadi, Bengaluru.



Date: 15/12/2023

Name of the Event/activity: Alumni Interaction-“Opportunities for Mechanical Engineers in IT Industries”. Mr. Srinivasa B (2018 graduated), Operations Tech Lead NTT Data Global Delivery Solutions Bengaluru.



Date: 21/12/2023

Name of the Event/activity: Expert talk-“High Velocity impact resistance behavior of FRP Composites” The Department of Mechanical Engineering, JSS Academy of Technical Education, Bengaluru, organized an expert talk On "High Velocity Impact Resistance Behavior of FRP Composites" as part of the Dr. B.T. Nijaguna memorial expert talk series. The lecture was held on December 21, 2023, from 11:00 am to 12:00 pm. The speaker for the event was Dr. B Shivamurthy, a professor from the Department of Mechanical & Industrial Engineering. at Manipal Institute of Technology, MAHE.



Date: 28/12/2023

Name of the Event/activity: Industry visit to Peenya Fine Comp Pvt. Ltd., Peenya Bengaluru.



Date: 04/01/2024

Name of the Event/activity: Higher studies talk: “APPORTUNITIES IN OVERSEAES HIGHER EDUCATION” The programme started at 11am by welcome to the speaker Mr. Priya GS of SCORELEAP by Dr Venkatesh B N. Around 40 students participated in the talk. The speaker explained in detail the benefits, challenges and the procedure for filing and processing the applications to make higher education.



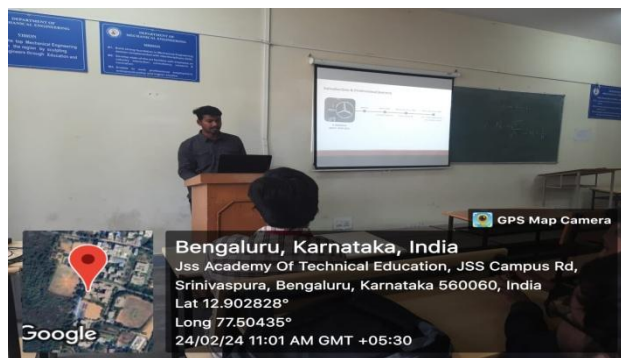
Date: 13/02/2024

Name of the Event/activity: Protecting Innovation in Digital Age: An Industrial Perspective **Subject Expert:** Mr. Varun R, Registered Patent Agent & Alumni.



Date: 24/02/2024

Name of the Event/activity: Alumni Talk on : Design and Testing in Automobile_Engineering Mr. N Bindesha (2018-2022) alumni working at Mercedes Benz R&D India.



Date: 25th & 26th March 2024

Name of the Event/activity: Two-day workshop on “Data Analytics” was organized by Department of Mechanical Engineering in association with IQAC, JSS Academy of Technical Education, Bengaluru, on 25th & 26th March 2024 As per the VTU curriculum (2022 scheme), the “Introduction to Data Analytics” (BME456C) is one of the course introduced in the Ability Enhancement Course – IV for 4th Sem Mechanical Engineering and “Data Analytics for Business” (BIM405B) for Industrial Engineering & Management /Industrial & Production Engineering (BIM405B) UG Programs. This workshop is useful for the faculty members of VTU affiliated colleges for teaching the said course uniformly and effectively.





Industry Institute Collaboration & Networking

Medini Industry for training on autoCAD fusion 360

Alumni Contributions:

- Alumni talk: 04

DEPARTMENT OF ROBOTICS AND AUTOMATION

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, Defence, 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 facilitates self-learning, collaborative learning and acquires 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	10 Yrs	

2	Mr. K S MAHESH	Assistant Professor	B.E., M.Tech.,(P h.D).	Maintenance Engineering	13-09-2012	14 Yrs	
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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	9	
2.	Niranjan N S	B.E. (ME)	Foreman	8	
3.	Gurumurthy S S	SSLC	Helper	12	

NUMBER OF STUDENTS ON ROLL:

TOTAL: 32

GIRLS: 11

BOYS: 11

RESEARCH PUBLICATIONS/CONSULTANCY/PATENTS/FUNDED PROJECTS

- Dr. M V Ramya, Associate Professor & HOD Virtual Reality Lab using Unity 3D for Educational Applications using ESP8266 for Digital Electronics Ramya M V, Sanjay S Tippannavar GRENZE International Journal of Engineering and Technology (GIJET) Vol 10, p 1590 ISSN- 2395-5287 March 2024 Scopus GRENZE .
Low-cost speech to text translation handwriting robot using Arduino and Google API Low-cost speech to text translation handwriting robot using Arduino and Google API GRENZE International Journal of Engineering and Technology (GIJET) pp. 1417-1421 June 2023 GRENZE.

PUBLICATIONS DETAILS

Web of Science indexed Journals	SCOPUS indexed Journals	other Journals	Conferences / Symposium
International: - National: -	International: 02 National: -	International: - National: 01	International:03 National:08

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	Mr. K S Mahesh, Asst. Prof.	Characterizatin and Mechanical Behaviour of Nano-Al ₂ O ₃ Reinforced Polymer Composites	K S Mahesh, Satheesh J	Journal of the Institution of Engineers (India) : Series D	April 2024	Scopus	Springer

FACULTY ACHIEVEMENTS

Dr. Ramya M V (Associate Professor & HOD)

- IEEE Senior Membership: 96342630
- Resource person for many workshops and expert talk
- Published many quality journal papers, lecture note and conference papers
- Track chair and reviewer for many conferences

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

- Bhavya J (1JS21RA005) secured II place at State Level NSS Yuvajanothsava organized by National Service Scheme NSS Cell, Davangere University in association with State NSS Cell, Department of Youth Empowermernt and Sports, Government of Karnataka held from 15th June to 19th June 2024.
- Chowdhary Bashar (1JS22RA006) has secured Runner UP in VTU Bengaluru Inter Collegiate South Division Level Tournament held at SJBIT, Bengaluru from 2nd to 3rd July 2024.
- Manasa K S (1JS22RA013) has participated in the Science exhibition competition “National Science Fair” held on 31st August to 2nd September 2023 organized by Department of Chemistry, JSSATEB.
- 4 Teams are participated in World Robotics Championship-Techno Xian conducted by AICRA, Ministry of Electronics and IT and Ministry of Youth Affairs & Sports, Govt. in 25th, 26th & 27th July 2023. Below table shows the students who participated in this event:

Sl. No.	USN	Name	Semester
1	1JS22RA002	Amongh S Hegde	II
2	1JS22RA009	Harshith R	
3	1JS22RA010	K V Keerthan	
4	1JS22RA011	K V Kuval	
5	1JS22RA015	Pranav S	
6	Parent	K V Vasu	
1	1JS21RA001	Abhishek J	IV

2	1JS21RA004	Bharath H G
3	1JS21RA009	Harsha A N
4	1JS21RA014	Riya A Naik
5	1JS21RA012	Pavel P P
6	1JS21RA024	Pooja S
7	1JS21RA015	Rohith
8	1JS21ME032	Subhamoy Maiti

RESULTS:

I Semester Result Analysis (Feb 2024 to March 2024)

Sl.No.	Subject Code	Subject	Pass %
1	BMATM101	MATHEMATICS FOR ME STREAMS-I	83
2	BPHYM102	PHYSICS FOR MES	91
3	BEMEM103	ELEMENTS OF MECHANICAL ENGINEERING	95
4	BENGK106	COMMUNICATIVE ENGLISH	100
5	BKSKK107	SAMSKRUTIKA KANNADA	95
6	BSFHK158	SCIENTIFIC FOUNDATIONS OF HEALTH	100
7	BESCK104E	INTRODUCTION TO C PROGRAMMING	79
8	BETCK105H	INTRODUCTION TO INTERNET OF THINGS (IOT)	91

Total No. of Students	No. of FCD	No. of FC	No. of SC	No. of Fail	Overall result %
24	15	3	0	6	75%

Sl. No.	Sub Code	Subject Name	Class Strength	Pass	Fail	Absent	FCD	FC	SC	%
1	BMATM101	MATHEMATICS FOR ME STREAMS-I	24	19	5	-	12	7	-	83
2	BPHYM102	PHYSICS FOR MES		22	2		17	5		91
3	BEMEM103	ELEMENTS OF MECHANICAL ENGINEERING		23	1		13	8	2	95
4	BENGK106	COMMUNICATIVE ENGLISH		24	-		11	12	1	100
5	BKSKK107	SAMSKRUTIKA KANNADA		23	-	1	20	3		95
6	BSFHK158	SCIENTIFIC FOUNDATIONS OF HEALTH		24	-	-	24	-	-	100
7	BESCK104E	INTRODUCTION TO C PROGRAMMING		19	5		12	6	-	79
8	BETCK105H	INTRODUCTION TO INTERNET OF THINGS (IOT)		22	2		19	2	1	91

*One student has discontinued the course.

Top 10 Performers

Sl No	USN	Student Name	Percentage
1	1JS23RA017	Sinchana Kulkarni	84.125
2	1JS23RA002	Deepikhabharadwaj	83.375
3	1JS23RA018	Siri Mahantesh Kittur Math	83.375
4	1JS23RA024	Vindhyashree B	82.875
5	1JS23RA025	Yeshas U	82.625
6	1JS23RA014	Sannidhi K S	82.5
7	1JS23RA019	Srishti G	82.125
8	1JS23RA011	Rakshana N	81.875
9	1JS23RA006	JiswaHosmani	80.75
10	1JS23RA023	Varshini T S	80.625

II Semester Result Analysis (April 2024 to June 2024)

Sl.No.	Subject Code	Subject	Pass %
1	BMATM201	MATHEMATICS II FOR ME STREAMS	95.83
2	BCHEM202	APPLIED CHEMISTRY FOR ME STREAM	91.6
3	BCEDK203	COMPUTER-AIDED ENGINEERING DRAWING	100
4	BPWSK206	PROFESSIONAL WRITING SKILLS IN ENGLISH	100
5	BICOK207	INDIAN CONSTITUTION	95
6	BIDTK258	INNOVATION AND DESIGN THINKING	100
7	BPLCK205B	INTRODUCTION TO PYTHON PROGRAMMING	95
8	BESCK204C	INTRODUCTION TO ELECTRONICS COMMUNICATION	100

Total No. of Students	No. of FCD	No. of FC	No. of SC	No. of Fail	Overall result %
24	19	1	0	4	83.33%

Sl. No.	Sub Code	Subject Name	Class Strength	Pass	Fail	Absent	FCD	FC	SC	%
1	BMATM201	MATHEMATICS II FOR ME STREAMS	24	23	1	-	12	7	4	95.83
2	BCHEM202	APPLIED CHEMISTRY FOR ME STREAM		22	2		17	4	1	91.6
3	BCEDK203	COMPUTER-AIDED ENGINEERING DRAWING		23	0		23	1	-	100
4	BPWSK206	PROFESSIONAL WRITING SKILLS IN ENGLISH		24	-		22	2	-	100

5	BICOK207	INDIAN CONSTITUTION		23	1	-	14	6	3	95
6	BIDTK258	INNOVATION AND DESIGN THINKING		24	-	-	23	1	-	100
7	BPLCK205B	INTRODUCTION TO PYTHON PROGRAMMING		23	1		14	9	-	95
8	BESCK204C	INTRODUCTION TO ELECTRONICS COMMUNICATION		24	-		15	6	3	100

Top 10 Performers

Sl No	USN	Student Name	SGPA
1	IJS23RA025	YESHAS U	9.7
2	IJS23RA018	SIRI MAHANTESH KITTUR MATH	9.4
3	IJS23RA002	Deepikhabharadwaj	9.3
4	IJS23RA017	SINCHANA KULKARNI	9.3
5	IJS23RA011	RAKSHANA N	9.15
6	IJS23RA006	JISWA HOSMANI	8.8
7	IJS23RA019	Srishiti G	8.8
8	IJS23RA023	varshini t s	8.7
9	IJS23RA024	Vindhyashree B	8.65
10	IJS23RA005	JAISAL K JAIN	8.6

III Semester Result Analysis (Dec 2023 to Jan 2024)

Sl.No.	Subject Code	Subject	Pass %
1	BRA301	Fundamentals of Robotics & Applications	100
2	BRA302	Fabrication Methods of Robotic Components	100
3	BRA303	Analog & Digital Electronic Circuits	100
4	BRA304	Mechanics of Solids & Fluids	68
5	BRA305	Introduction to Modeling & Design for Manufacturing	100
6	BRA306C	Linear Integrated Circuits	88
7	BSCK307	Social Connect and Responsibility	100
8	BRA358B	Applications of MATLAB	100

Total No. of Students	No. of FCD	No. of FC	No. of SC	No. of Fail	Overall result %
25	17		-	8	68

Sl. No.	Sub Code	Subject Name	Class Strength	FCD	FC	SC	Fail	%
1	BRA301	Fundamentals of Robotics & Applications	25	9	8	8	-	100
2	BRA302	Fabrication Methods of Robotic Components		17	7	1	-	100
3	BRA303	Analog & Digital Electronic Circuits		16	7	2	-	100
4	BRA304	Mechanics of Solids & Fluids		2	6	10	7	68
5	BRA305	Introduction to Modeling & Design for Manufacturing		12	9	4	-	100
6	BRA306C	Linear Integrated Circuits		11	4	7	3	88
7	BSCCK307	Social Connect and Responsibility		25	-	-	-	100
8	BRA358B	Applications of MATLAB		23	1	1	-	100

Top Performers

Sl. No.	USN	Name	%
1	1JS22RA021	TUSHAR S	87.77
2	1JS22RA020	SUPRAJ S	84
3	1JS22RA003	ANAND DUNDAPPA T	83.77
4	1JS22RA007	DEEKSHA G	82.77
5	1JS22RA016	PREETHI VAISHNAVI K	80.33
6	1JS22RA022	VARSHINI G C	80.22
7	1JS22RA015	PRANAV S	78.88
8	1JS22RA012	LAMTURE MANAV	78.33
9	1JS22RA014	PAVAN H R	78.22
10	1JS22RA004	ARJITHA SHREYAVAS	76.55
11	1JS22RA006	CHAWDHARY BASHAAR	76.11
12	1JS22RA010	K V Keerthan	76
13	1JS22RA001	ADITHI R	75.44
14	1JS22RA019	SHREYAS KOWNDINYA	75.22
15	1JS23RA400	Gopal Gowda	74.88
16	1JS22RA005	B PAVAN	74
17	1JS22RA002	AMOGH S HEGDE	73.55

IV Semester Result Analysis (May 2023 to Sep 2023)

Sl.No.	Subject Code	Subject	Pass %
1	21ME41	Complex Analysis, Probability and Linear Programming	95%
2	21RA42	Measurement Systems	95%
3	21RA43	Microcontrollers (μ C)	90%
4	21RA44	Robot Kinetics, Dynamics & Control	85%
5	21BE45	Biology For Engineers (BE)	90%
6	21RAL46	Robot Programming & Simulation Lab	100%
7	21KSK47 & 21KBK47	Samskrutika Kannada (SK) & Balake Kannada (BK)	95%
8	21RA482	Applications of MATLAB (AEC-IV)	95%
9	21UH49	Universal Human Values (UHV)	90%
10	21INT49	INTER/INTRA INSTITUTIONAL INTERNSHIP	100%

Total No. of Students	No. of FCD	No. of FC	No. of SC	No. of Fail	Overall result %
20	14	2	0	4	80%

Sl No.	Subject Name with Code	Faculty Name	Class Strength	Pass	Fail	Absent	FCD	FC	SC	Pass%
1	Complex Analysis, Probability and Linear Programming 21ME41	Dr. Shalini M. Patil	20	19	1	0	11	5	3	95%
2	Measurement Systems 21RA42	Dr. Mrithyunjaya M		19	1	0	12	5	2	95%
3	Microcontrollers (μ C) 21RA43	Dr. Ramya M V		18	2	0	9	6	3	90%
4	Robot Kinetics, Dynamics & Control 21RA44	K S Mahesh (KSM)		17	3	0	2	7	8	85%
5	Biology For Engineers (BE) 21BE45	Dr. Puneetha J		18	2	0	12	3	3	90%
6	Robot Programming & Simulation Lab 21RAL46	K S Mahesh (KSM)		20	0	0	18	2	0	100%
7	Samskrutika Kannada (SK) & Balake Kannada (BK) 21KSK47 & 21KBK47	Satisha M		19	1	0	16	2	1	95%
8	Universal Human Values (UHV) 21UH49	Umamaheshwar H		19	1	0	10	5	4	95%
9	Applications of MATLAB (AEC-IV)	Dr. Ramya M V		18	2	0	16	0	2	90%

	21RA482									
10	INTER/INTRA INSTITUTIONAL INTERNSHIP 21INT49	Dr. Ramya M V		20	0	0	20	0	0	100%

Top 10 Performers

Sl No	USN	Student Name	Percentage
1	1JS21RA001	ABHISHEK J	86.3
2	1JS21RA005	BHAVYA J	83.9
3	1JS21RA007	CHIRANTH P S	82.5
4	1JS21RA023	VIKAS A RAM	82.3
5	1JS21RA014	RIYA ANANT NAIK	81.9
6	1JS21RA008	DEEKSHITH G R	80.8
7	1JS21RA004	BHARATH H G	78.5
8	1JS21RA022	VAISHNAVI MAHENDRAKAR	78.5
9	1JS21RA023	POOJA SUKESH	78.3
10	1JS21RA006	BHOOMIKA P	77.3
11	1JS21RA019	SEEKRUTHI K	76.5
12	1JS21RA009	HARSHA A N	75.3
13	1JS21RA013	R B KAILASH C	74.9
14	1JS21RA012	P P PAVEL	74.5

V Semester Result Analysis (Nov 2023 to Mar 2024)

Sl.No	Subject Code	Subject	Pass %
1	21RA51	Design of Automation Systems	100
2	21RA52	Hydraulics and Pneumatics	90
3	21RA53	Autonomous Robots	100
4	21RA54	Robot Operating Systems	95
5	21RAL55	Virtual Instrumentation and Automation Lab	100
6	21RA56	Research Methodology & Intellectual Property Rights	95
7	21CIV57	Environmental Studies	100
8	21RA58X	Medical Robotics	100

Total No. of Students	No. of FCD	No. of FC	No. of SC	No. of Fail	Overall result %
20	12	6	0	2	90%

Sl No.	Code	Subject Name	Faculty Name	Class Strength	FCD	FC	SC	Fail	Pass%
1	21RA51	Design of Automation Systems	Dr Devappa	20	13	3	4	0	100
2	21RA52	Hydraulics and Pneumatics	Dr Siddappa P N		9	3	6	2	90
3	21RA53	Autonomous Robots	Dr K B Yogesha		13	4	3	0	100
4	21RA54	Robot Operating Systems	K S Mahesh		5	4	10	1	95
5	21RAL55	Virtual Instrumentation and Automation Lab	Nagarathna N		20	-	-	0	100
6	21RA56	Research Methodology & Intellectual Property Rights	Dr Roopa D N		11	4	4	1	95
7	21CIV57	Environmental Studies	Dr P Nagabhusana		17	3	-	0	100
8	21RA58X	Medical Robotics	K S Mahesh		16	3	1	0	100

Top Performers

Sl No	USN	Student Name	SGPA
1	1JS21RA001	ABHISHEK J	9.06
2	1JS21RA005	BHAVYA J	9.11
3	1JS21RA014	RIYA ANANT NAIK	8.67
4	1JS21RA007	CHIRANTH P S	8.50
5	1JS21RA023	VIKAS A RAM	8.17
6	1JS21RA008	DEEKSHITH G R	8.11
7	1JS21RA019	SEEKRUTHI K	8.11
8	1JS21RA023	POOJA SUKESH	8.11
9	1JS21RA004	BHARATH H G	8.00
10	1JS21RA012	P P PAVEL	8.00
11	1JS21RA022	VAISHNAVI MAHENDRAKAR	7.72
12	1JS21RA009	HARSHA A N	7.39
13	1JS21RA006	BHOOMIKA P	7.22

V Semester Result Analysis (Feb 2024 to June 2024)

Sl.No.	Subject Code	Subject	Pass %
1	21RA61	Quality control & Maintenance Management	100
2	21RA62	PLC & SCADA	100
3	21RA63	Industry 4.0 and IOT	95
4	21RA644	Automation in Manufacturing	100
5	21RAL66	FEA Lab	95
6	21CS653(OE)	Cyber Security	100
7	21CIV651 (OE)	Remote Sensing & GIS	100

8	21IM653(OE)	Management Information System	100
9	21RAMP67	Mini Project	100
10	21INT68	Internship	100

Total No. of Students	No. of FCD	No. of FC	No. of SC	No. of Fail	Overall result %
20	14	2	2	2	90%

Sl No.	Code	Subject Name	Faculty Name	Class Strength	FCD	FC	SC	Fail	Pass%
1	21RA61	Quality control & Maintenance Management	Dr. Siddappa P N	20	9	5	6	0	100
2	21RA62	PLC & SCADA	B R Renukumar		10	2	8	0	100
3	21RA63	Industry 4.0 and IOT	Dr. Gowreesh S S		16	1	2	1	90
4	21RA644	Automation in Manufacturing	Dr. Bhimasen Soraon		10	7	3	0	100
5	21RAL66	FEA Lab	Prajwal M		14	3	2	1	90
6	21CS653 (OE)	Cyber Security (15)	Kavya T C		10	3	2	0	100
7	21CIV651 (OE)	Remote Sensing & GIS (2)	Dr P N Nagabhusana		1	-	1	0	100
8	21IM653 (OE)	Management Information System (3)	Sowmya C U		1	1	1	0	100
	21RAMP67	Mini Project	-		20	-	-	-	100
	21INT68	Internship	-		20	-	-	-	100

Sl. No.	USN	Name	OBT Marks	%	SGPA
1	1JS21RA001	ABHISHEK J	690	86.25	9.09
2	1JS21RA005	BHAVYA J	716	89.5	9.55
3	1JS21RA014	RIYA ANANT NAIK	693	86.625	9.41
4	1JS21RA007	CHIRANTH PS	681	85.125	8.91
5	1JS21RA004	BHARATH H G	663	82.875	8.64
6	1JS21RA012	P P PAVEL	638	79.75	8.68
7	1JS21RA019	SEEKRUTHI K	630	78.75	8.27
8	1JS21RA009	HARSHA A N	620	77.5	8.23
9	1JS21RA022	VAISHNAVI M	613	76.625	8.09
10	1JS21RA023	VIKAS A RAM	604	75.5	7.86

IEEE MEMBERSHIP WITH ROBOTICS AND AUTOMATION STUDENT BRANCH CHAPTER

Chapter Mentor: Dr.Ramya MV, Associate Professor&Head, Dept. of RA

Student Branch Counsellor: Bharath H G, III Year Student

IEEE Members List

Sl.No	Name	Membership	Position
1	Pooja Sukesh	98952046	Secretary
2	Bhavya J	98954765	Reporting Team
3	Riya Naik	98954638	Vice Chairperson
4	Abhishek J	98954562	Treasurer
5	Bharath H.G	98883656	Chairperson
6	Pavel	98947213	Senior Technical Co-Ordinator
7	Deekshith G.R	98954685	Reporting Team
8	Harsha Kumbar	98954610	Joint Secretary
9	Vaishnavi Mahendrakar	98913775	Event Co-Ordinator
10	Sudhanva Vasudeva	98954766	Event Co-Ordinator
11	Chiranth P.S	98910879	Treasurer
12	Kailash Chandran	98962582	Event Co-Ordinator
13	Tushar	98940480	Members Development Committee
14	Bashaar Chawdhary	98958328	Technical Co-Ordinator
15	Ram	98952298	Members Development Committee
16	Kuval	98946888	Technical Co-Ordinator

Events conducted

Date: 07-10-2024 to 10-10-2024

Event details: 4 Days workshop on “Basics of Arduino and ESP32”

Resource person: Student Coordinators

No. of students participated: 29 students from 1st & 3rd Semester



Date: 28-06-2024

Event details: Interactive workshop on “Robotic Arm Revolution”

Resource person: IEEE RAS-CHAIR Bharath H G

No. of students participated: 38 students from 2nd, 4th & 6th Semester



Date: 17-01-2024

Event details: 10 Days workshop on “Python”

Resource person: IEEE RAS-CHAIR Bharath H G

Students participated: 10 students from 5th Semester



Date: 07-07-2023

Event details: Expert Talk on “Robotics, Automation & Chat GPT: Can we connect the dots”

Resource person: Dr Ravichandra Kulkarni, Prof. & Head, ECE, MIT, Mysuru & Chair 2023- IEE RAS Bengaluru

No. of students participated: 12 students from 4th Semester, 11 students from 2nd sem & 21 students from AIML & ME Dept.



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

Date: August every Wednesday 2023

Event details: Workshop on “AERO - MODELLING”

Resource Person: Mr. K V Vasu, Parent

No of Participants: 20 Students from 3rd & 5th Semester



Date: July 1, 2024 to July 7, 2024

Event details: One-Week Workshop on Robotics using ESP32 a

Resource Person: M/s NEWRRO TECH Team members

Number of Participants: 22 students of the IV semester & 15 students of the V semester from Department of Robotics & Automation and 2 students of the V semester from Department of Mechanical Engineering



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 PG CET 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 3 Doctorates and the rest pursuing PhD who dedicates 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)

	<p>Dr. T S Nanjundeswaraswamy Professor & Head</p>	<p>B.E.,M.Tech [MEM].,Ph.D. (Organizational Behaviour)</p>	<p>18 years</p>
	<p>Dr. Lathamani B Associate Professor</p>	<p>M.Com., MBA., M.Phil, Ph.D. (Finance)</p>	<p>22 years</p>
	<p>Dr. Pradeep M P Associate Professor</p>	<p>B.E, MBA.,Ph.D (Marketing and HR)</p>	<p>22 years</p>



Dr.Nagesha H G
Associate Professor

M.Com., MBA.,Ph.D.
(Finance)



Mrs.Sowmya C U
Assistant Professor

BE,MBA,(Ph.D)
(Human Resource
Management)





Mrs.Chaya J Swamy
Assistant Professor

B.Sc, MBA, (Ph.D)
(Human Resource
Management)

12 Years

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

	<p>Mr. Ragu K B Instructor</p>	<p>DME</p>	<p>18 years</p>
	<p>Mr. Puttananjappa Office staff</p>	<p>MA</p>	<p>20 years</p>

NUMBER OF STUDENTS ON ROLL: 60

TOTAL: 60

	No. of Boys	No. of Girls
II Year MBA	29	30

RESEARCH PUBLICATIONS/CONSULTANCY/PATENTS/FUNDED PROJECTS

1. Bharath, S., Nagesh, P. and **Nanjundeswaraswamy, T.S.** (2024), "Navigating the digital marketplace: perception, risks and webrooming intention", International Journal of Retail & Distribution Management, Vol. 52 No. 7/8, pp. 801-816. <https://doi.org/10.1108/IJRDM-03-2024-0093> (WoS+ Scopus)(Q1)
2. Nagesh, P., Bharath, S., **Nanjundeswaraswamy, T.S.** and Tejus, S. (2024), "Perceived risk factors assessment: during pandemic via digital buying", PSU Research Review, Vol. ahead-of-print No. ahead-of-print. <https://doi.org/10.1108/PRR-07-2022-0097> (Scopus)Q1.
3. **Nanjundeswaraswamy, T. S.**, Nagesh, P., Bharath, S., & Vignesh, K. M. (2024). Leadership theories and styles—A systematic literature review and the narrative synthesis. Human Resources Management and Services, 6(3), 3477-3477.
4. B Lathamani, Nirnajan C Kundur, Chaya J swamy, *et al*, "Enhancing the Scalability of Blockchain Networks using a

- Data Partitioning Technique”, International Journal of Engineering, Technology and & Applied Science Research, Vol 14 No 6, 2024, 17711-17716. <https://doi.org/10.48084/etasr.8760>.
5. Hemalatha L N, Dr. Lathamani B, “Financial Inclusion and Social Equity-Digital Financial Literacy at Workplace”, International Journal of Exclusive Management Research, Vol 14, Issue 05, ISSN 2249-8672 pg 116-121.
 6. A paper titled “Unveiling the Influence Exploring the Relationship between Influencer Marketing Strategies and Consumer Purchase Intentions in the Digital Age” in a 2 day International Conference held on 4th & 5th April 2024 organised by School of Commerce, JAIN (Deemed-to-be University), Bengaluru in association with International Skill Development Corporation & Association of Chartered Certified Accountants (Dr. Lathamani B).
 7. A paper entitled “A study on Effectiveness of Ethical Leadership on Employee Job Satisfaction and Performance with reference to select IT Companies, Bengaluru” was presented at an International Conference on Role of Universal Human Values in Workplace Transition with Emerging Technologies conducted on 18th May 2024 at Nagarjuna College of Management Studies. (Dr. Lathamani B).
 8. Completed a Consultancy work worth Rs. 50000/- SR Agro Farms for carrying out Consumer Perception towards Processed Poultry Products in Bengaluru. (Dr. Lathamani B)
 9. B Lathamani, Nirnajan C Kundur, **Chaya J swamy**, *et al*, “Enhancing the Scalability of Blockchain Networks using a Data Partitioning Technique”, International Journal of Engineering, Technology and & Applied Science Research, Vol 14, No 6, 2024, 17711-17716. <https://doi.org/10.48084/etasr.8760>.
 10. A paper entitled “A study on Effectiveness of Ethical Leadership on Employee Job Satisfaction and Performance with reference to select IT Companies, Bengaluru” was presented at an International Conference on Role of Universal Human Values in Workplace Transition with Emerging Technologies conducted on 18th May 2024 at Nagarjuna College of Management Studies. **(Author 1: Mrs. Chaya J Swamy)**
 11. 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). [Volume 10, Issue 7](#), 15 April 2024, e28372.

FACULTY ACHIEVEMENTS:

Dr. Pradeep MP attended a two-week faculty development program on “Opportunities and Challenges in Entrepreneurship” Sponsored by DST, Govt. of India” conducted by JSSATE, STEP, Bengaluru held from 3.01.2024 to 19.01.2024

Dr. Pradeep MP attended a Four-week Technology Entrepreneurship Development program on "IOT, Embedded Systems & AI" sponsored by NSTEDB, Department of Science & Technology, Govt. of India, held conducted by JSSATE, Science and Technology Entrepreneurship Park, Bengaluru during 04.03.2024-29.03.2024

Dr. pradeep. M.P had been offered Industry Internship by M/s. Lodestar Education Services Pvt Limited from 20th September 2024 to 17th November 2024.and the same has been completed.

Dr. Pradeep.M.P has completed the Faculty Orientation Program (FOP) for delivering the Ignite Entrepreneurship Course Conducted by Wadhvani Entrepreneur Network (NEW), Wadhvani Foundation from 4th December 2023 to 22nd February 2024.

Dr. pradeep. M.P was invited as a faculty Expert to Deliver a talk on “Operations Research: The Science of Making Intelligent Decisions” at Dayananda Sagar Academy of Technology and Management on 7th November 2024.

On 23/11/2024 Dr. Nagesha H G had invited as chief guest and resource person to give a talk on Motivation, Career Planning and an Overview of Indian Stock Market at PRM Vijaya College



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

SL NO	STUDENT NAME	USN	ORGANISATIONS	STIPEND
1	HEMANTH Kumar A S	1JS22BA018	Clusterzap	5000.00
2	Nikitha H S	1JS22BA028	1ST Mile Consulting Pvt ltd	8000.00
3	Poojitha J	1JS22BA034	Reddy & Venkatesh Chartered Accountants firm	10000.00
4	Sharath U	1JS22BA046	Target Corporation India Private Limited.	25,000.00
5	Shashank S	1JS22BA048	Target Corporation India Private Limited.	25000.00

RESULTS:

Batch	Semester	Results
2022=24	III	91%
	IV	97%
2023-25	I	86%
	II	75%

PLACEMENTS:

SL No	USN	Name	Company	Salary Package
1	1JS22BA048	SHASHANK S	Idfc First Bank	6.2 LPA
			Smart Ed	Rs. 3 LPA
			Target	7 LPA After apprenticeship Rs. 3 LPA
2	1JS22BA046	SHARATH U	Smart Ed	5 LPA

			Target	7 LPA After apprenticeship 3LPA
			Apexon India Private Limited	4 LPA
3	1JS22BA028	NIKITHA H S	First Mile Consulting	INTERN 8000
4	1JS22BA018	HEMANTH H K	Clusterzap.Ai	INTERN 5000
5	1JS22BA047	SHASHANK L	Smart Ed	5 LPA
6	1JS22BA039	RUCHITHA M	Smart Ed	5 LPA
7	1JS22BA029	NISARGA R	Smart Ed	5 LPA
			Clusterzap.Ai	INTERN RS. 5000
			Apexon India Private Limited	4 LPA
8	1JS22BA016	GAGAN RAO	Smart Ed	5 LPA
			Clusterzap.Ai	INTERN RS. 5000
9	1JS22BA038	ROHITH R	Smart Ed	5 LPA
10	1JS22BA021	KUSHAL C	Smart Ed	5 LPA
11	1JS22BA014	CHANDANA S P	Smart Ed	5 LPA
12	1JS22BA057	THRISHA H GOWDA	Smart Ed	5 LPA
13	1JS22BA031	PALLAVI K	Smart Ed	5 LPA
14	1JS22BA001	ABHILASH L	Smart Ed	5 LPA
			Clusterzap.Ai	5 LPA
15	1JS22BA055	SURAKSHA J T	Smart Ed	5 LPA
16	1JS22BA010	B MONISHA	Clusterzap.Ai	INTERN RS. 5000
17	IJS22BA022	Mithun L	Apexon India Private Limited	4 LPA
18	1JS22BA030	Nishanth. K.R	India Mart	4 LPA
19	1JS22BA033	Poojsashree	Kotak Securities	3.5 LPA
20	1JS22BA052	Sneha.P	Intellipact	7 LPA
21	1JS22BA053	Sudeeksha S	Smart Ed	5 LPA
22	1JS22BA034	Poojitha J	Smart Ed	5 LPA

Events conducted

11.01.2024 guest lecture on **financial literacy resource** person is Mr Nachiket, Marketing and communication head, Fintopedia pvt Ltd; Dr Lathamani is the coordinator for the event



Mr. Veerabhadra Yadwad, Executive Manager, Analyser Business, Yokogawa, India Ltd delivered a Guest lecture on Skill and Personality Development on 6.01.2024. The insightful session focused on equipping students with the tools necessary to excel in their academic pursuits and future careers. emphasised the importance of outbound learning experiences. The session delved into personality development's crucial role in meeting industry requirements.



24.01.2024, conducted a workshop on " Data Visualisation - Power BI" The resource person is Dr Prabhushankar M R, Assistant Professor, IEM, JSSATEB, Dr T S Nanjundeswaraswamy is the co ordinator for the event



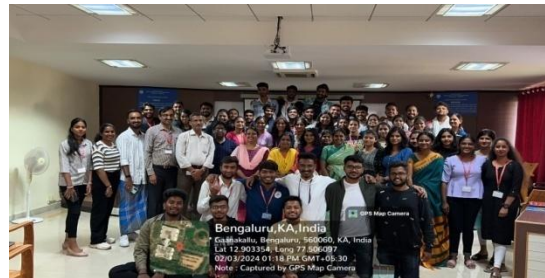
25.01.2024 A guest lecture on "E-Commerce Growth Trajectory" the resource person is Mr Suneel Rao T R, Senior e commerce manager, Blooprint academy and Mr Prakash Mmharaj, Founder -Blooprint e comerce, Blooprint academy, Dr Chandrakal V G is the co ordinator for the event



29.01.2024 conducted a technical talk on "real-time stock trading" The resource person is Mr Sathyanarayana Jingade.K, Online stock trading technology, Dr Nagesh H G is the coordinator for the event.



03.02.2024 Conducted " Role play and Situational analysis, Dr Anand Kumar annigeri and Gnaneshwar AAO are the judges , event is co ordinated by Dr Nagesha H G



10.02.2024, a invited talk is conducted on Gig Economy and non traditional work arrangements, Ms. Rukkayya Ninganur, HR Lead Alethea communication technologies Pvt Ltd, Mrs Sowmya C U is co ordinated the event.

10.02.2024, a invited talk is conducted on College to corporate journey, Ms. Pallavi V, Talent fulfilment associate Accenture, Mrs Sowmya C U is co ordinated the event

17.02.2024 conducted a technical talk on "Emerging Trends in Information Technology - For Managers, the resource person is Dr Naveen N C, D r T S Nanjundeswaraswamy is the co ordinator for the event

Two days FDP on "Sustainable Development Goals" for JSSATEB Faculty was organized on 28th & 29th June, 2024. FDP coordinator : Prof. Chaya J Swamy



The Student Development Program on ROLE PLAY was organized for 2nd semester MBA students on 31.08.2024. SDP Coordinator: Prof. Chaya J Swamy



Guest Lecture on Workplace Ethics was organized on 11.05.2024 for MBA Students. Resource Person Dr. Rajeev Joshi, Dy. Manager, YOKOGAWA India Ltd, Bengaluru. Coordinator: Prof. Chaya J Swamy



A workshop on "IPR, Patents, Copyrights, and Trademarks" was held on May 4, 2024. The session was conducted by Dr. Gowreesh S S, an Associate Professor in the Department of Mechanical Engineering at JSSATE Bangalore. The objective of the workshop was to provide insights into intellectual property rights (IPR) and their importance in academia and industry.



JSS MAHAVIDYAPEETHA
JSS ACADEMY OF TECHNICAL EDUCATION, BANGALURU
DEPARTMENT OF MANAGEMENT STUDIES

FEATURES
DR. GOWREESH S S
ASSOCIATE PROFESSOR, DEPT. OF MECHANICAL ENGINEERING

TOPIC: AN INSIGHT ON IPR PATENT, COPYRIGHTS AND TRADEMARK

SATURDAY
4TH MAY 2024
9:00-11:00
MBA BLOCK



Dr. Pradeep M P
Associate Professor

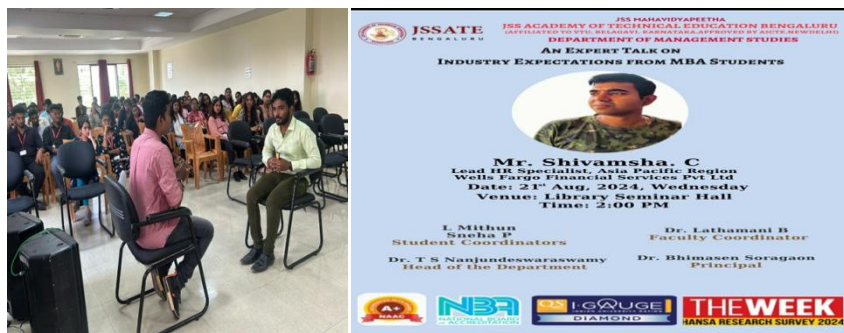
Dr. T. S. Nandikeswaraswamy
Head of the Department

Dr. Shrinivas Saragom
Principal

27.02.2024, Technical talk on “ An insight on recent trends in consumer behaviour” by Mr Kiran Mandrawadkar, Business Head, Ethinos Digital, Bengaluru. Dr Pradeep M P Is the coordinator

02.03.2024 a seminar organized on “ The Eight Habits of Highly Effective People” for the first semester students, the resource person is Dr Roopa D N, Assistant Professor, Department of Mechanical Engineering, the student coordinator for the event is Ms. Sandhya R,

An Expert talk on Industry Expectations from MBA students delivered by Mr Shivamsha C, a Lead HR Specialist, Asia Pacific Region from Wells Fargo Financial Services Private Limited and the event was coordinated by Dr. Lathamani B



Guest lecture was organised by Faculty Coordinator: Dr. Pradeep. M.P on “latest trends in consumer behaviour” The guest Speaker was Kiran Mandrawadkar-Business Head, Ethinos Digital on 27th Feb 2024 for MBA Students



An industrial visit was organised by Dr. Praddep. M.P and Dr. Nagsh HG to M/s. Dairy Classic Ice Creams Pvt. Ltd for the industrial visit on 30th July 2024 at 1.30 pm for 2nd Sem MBA students.



07/2024 conducted a potluck activity for both year MBA students Potluck aimed to enhance student engagement and foster a sense of community by encouraging students,. Dr. Pradeep MP and Dr Nagesh H G were the coordinators for the event.



2024 conducted a ETHNIC DAY AND SARASWATHI POOJA activity for both year MBA students. Saraswati Pooja, also known as Vasant Panchami or Saraswati Vrat, is a Hindu festival dedicated to Saraswati, the goddess of wisdom, learning, music, and arts. . Dr. Pradeep MP and Dr Nagesh H G were the coordinators for the event.



On 05/08/2024 to 10/08/2024 Dept. of Management Studies organized an industrial tour towards Tamilnaadu. . We have visited Peps Mattress Pvt Ltd and Lisk Chocolate Factory.Dr Nagesh H G and Dr. Pradeep MP were the coordinators for this academic tour



On 29/02/2024 Dept. of Management Studies organized an industrial visit to Hindustan Coca – Cola Beverages Pvt Ltd. Benagaluru. Dr Nagesh H G and Dr. Pradeep MP were the coordinators for this academic industrial visit.



On 30/07/2024 Dept. of Management Studies organized an industrial visit Dairy Classic Ice creams Pvt. Ltd. Dr Nagesh H G and Dr. Pradeep MP were the coordinators for this academic industrial visit.



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 TH 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	13 Years
2	Dr. Jayasimha SR	Associate Professor		MCA, M.Tech, PhD	12 Years
3	Ms. Komala H S	Assistant Professor		MCA	01 Years

4	Ms. Monisha B	Assistant Professor		MCA	10 Years
5	Mrs. Megha S A	Assistant Professor		MCA	01 Years
6	Mrs. C M Amrutha	Assistant Professor		MCA	04 Years

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

Sl. No	Name	Designation	Photo	Degree	Total Exp
1	Ms. Kvyva N	Instructor		DCS,B.Sc.(IT)	8 Years
2	Mr. Mahadevaswmay M	Helper		DEC	12 Years
3	Mr. Mahadevaprased G S	Helper		DEC	06 Years

NUMBER OF STUDENTS ON ROLL:

TOTAL: 60

GIRLS: 22

BOYS: 38

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 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		I V	100 %

Placement Details 2023-24

Sl. No	Name	USN	Company Name	Job Role	Offer Date	Location	CTC offered	On Campus/ Off Campus
1	Krishna G Savanth	1JS22MC023	TCS	Assistant System Engineer Trainee	12-Mar-24	Bengaluru	3,53,578/-	On Campus
2	ShashankP	1JS22MC053	Clario	Associate Software Quality Engineer	16-Sep-24	Bengaluru	6.38 Lpa	Off Campus
3	Syed wajidul fardeen	1JS22MC056	Mercedes Benz Research and development india	Software associate	22-Oct-24	Bengaluru	25k (internship)10lpa (permanent)	Off Campus
4	Janhavi Manjunath	1JS22MC015	Innovious IT services	Associate software developer	4-Sep-24	BTM layout	4.25 LPA	Off Campus
5	Lohith h	1JS22MC027	Accenture	Desktop support management	2-Sep-24	Bangalore	2.75 LPA	Off Campus
6	AshwanthR	1JS22MC004	Kohort			Bangalore	15k	Off Campus

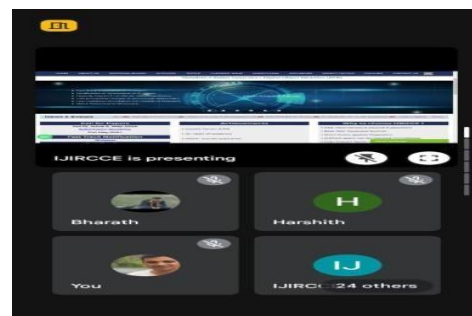
Sl. No.	Name	USN	Company Name	On Campus/ Off Campus
1	Deepak K	1JS23MC010	TCS	On Campus
2	Lokesh S	1JS23MC028	TCS	On Campus
3	Shrey B S	1JS23MC051	TCS	On Campus

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

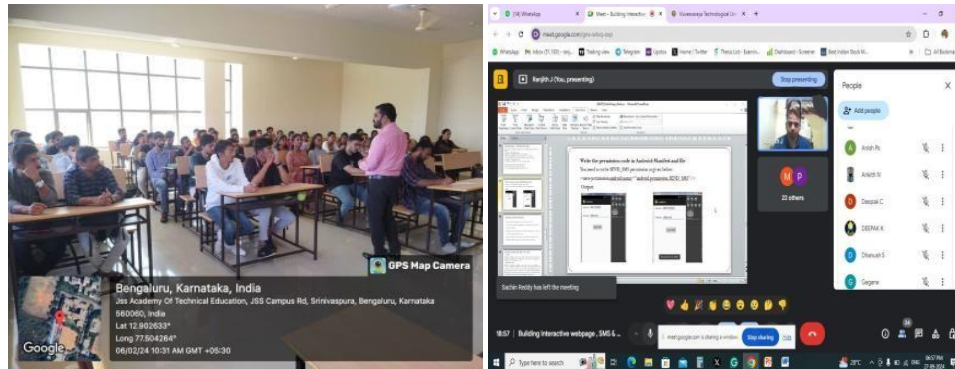
- Conducted Technical Talk on “Industry Trends Insights“ for MCA 2nd semester Students on 8th August 2024 Resource person: Abhishek B V Senior Security Analyst IBM, Bengaluru. Coordinator: Dr. Jayasimha S R.
- Conducted Technical Talk on Pre-Placement Preparation for MCA 2nd semester Students on 13th 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, IJRSET 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



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