JAWAHARLAL NEHRU NEW COLLEGE OF ENGINEERING

Navule, Savalanga Road, Shivamogga - 577 204

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NBA Accredited UG Programs: CE, ME, EEE, ECE, CSE, ISE, ETE ; PG Program: MBA
Recognized by Govt. of Karnataka and Affiliated to VTU, Belagavi)

ISSUE - 15



BEACON

JNNCE NEWSLETTER

July to December - 2025



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Navule, Savalanga Road, Shivamogga - 577 204

Message from President - NES



It gives me immense pleasure to present the July–December issue of Beacon, the official newsletter of Jawaharlal Nehru New College of Engineering (JNNCE), Shivamogga. A newsletter is much more than a record of events; it is a reflection of the vibrant academic life, institutional achievements, and collective aspirations of an educational community.

JNNCE has consistently upheld the values of excellence, innovation, and service. During this period, the institution has continued to demonstrate remarkable progress in academics, research, student development, and community engagement. The accomplishments highlighted in this issue are a testament to the dedication of our faculty, the enthusiasm of our students, and the visionary leadership of the institution.

Education today extends beyond classrooms. It is about nurturing creativity, fostering leadership, and preparing young minds to address the challenges of a rapidly evolving world. I am delighted to note that JNNCE continues to provide such transformative learning experiences while remaining rooted in the values and traditions of the National Education Society.

I congratulate the editorial team for their efforts in compiling this issue of Beacon. May this publication continue to inspire, inform, and connect all stakeholders of our institution.

I extend my best wishes to the entire JNNCE family for continued success in all future endeavours.

~ Sri G. S. Narayana Rao ~

Message from Secretary - NES



It is with great pride and pleasure that I share my greetings for the July–December issue of Beacon, the newsletter of JNNCE. This publication serves as an excellent platform to showcase the institution's academic milestones, innovative initiatives, and the multifaceted achievements of its students and faculty.

JNNCE has always been at the forefront of providing quality technical education while fostering a culture of inquiry, innovation, and inclusivity. The activities and accomplishments featured in this issue reflect the institution's unwavering commitment to holistic development and academic excellence.

In an era marked by rapid technological advancement and global interconnectedness, institutions must equip students not only with technical competence but also with ethical values, leadership qualities, and social responsibility. JNNCE continues to excel in this mission by creating opportunities for learning, collaboration, and innovation.

I appreciate the dedicated efforts of the editorial board in bringing out this edition with such professionalism and enthusiasm. I am confident that Beacon will continue to serve as a source of inspiration and pride for the entire JNNCE community.

My heartfelt congratulations to all contributors, achievers, and organizers featured in this issue. I wish JNNCE greater heights of success in the years ahead.

~ Sri S. N. Nagaraja ~

From Principal's Desk



It gives me great pleasure to present the July–December issue of Beacon, the official newsletter of JNNCE. This edition captures the vibrant academic, research, co-curricular, and outreach activities that have enriched our campus during the past six months.

At JNNCE, we believe in fostering an ecosystem that encourages intellectual curiosity, innovation, and excellence. The achievements chronicled in this issue are a reflection of the hard work, dedication, and collaborative spirit of our students, faculty, staff, and alumni.

Over the past months, the institution has witnessed significant progress through academic initiatives, industry collaborations, research contributions, student accomplishments, and community engagement programs. These milestones reaffirm our commitment to nurturing competent professionals, responsible citizens, and future leaders.

Beacon serves as a window into the dynamic life of our institution. It celebrates our accomplishments, documents our journey, and inspires us to continue striving for excellence. I commend the editorial board for their meticulous efforts in curating this edition.

I congratulate all those whose contributions and achievements are featured in this issue. Let us continue to work together in advancing the legacy of JNNCE as a center of excellence in technical education.

~ Dr. Y. Vijaya Kumar ~

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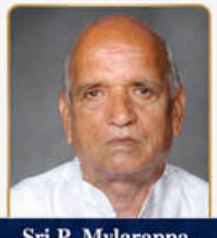

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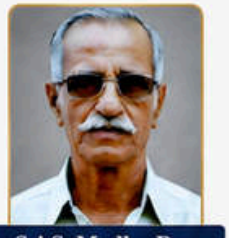

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Dear Readers,

Welcome to the July–December issue of Beacon, the official newsletter of JNNCE. This edition is a celebration of the remarkable journey of our institution over the past six months - a journey marked by academic excellence, innovation, creativity, and research engagement.

The pages that follow capture the spirit of JNNCE through its achievements, events, research initiatives, student accomplishments, faculty contributions, and outreach activities. Each story reflects the dedication, talent, and collaborative energy that define our institution.

A newsletter serves as a catalyst that documents our milestones while inspiring us to pursue greater heights. Beacon aims to strengthen connections among students, faculty, alumni, and stakeholders by sharing the many facets of life at JNNCE.

We express our sincere gratitude to the management, administration, faculty, students, and contributors whose support and participation have made this publication possible. We also thank our readers for their continued encouragement and engagement.

As you explore this issue, we hope you find inspiration in the accomplishments and initiatives featured within. Together, let us continue to illuminate pathways of knowledge, innovation, and excellence.

~ Editorial Committee ~

Major Events

Department of Civil Engineering

Events Organized:

- Dr. Arun V., Assistant Professor, organized a workshop for students titled “Awareness Session for Online Education from VTU COE” on 24/11/2025, delivered by Ms. Varshini as the resource person.
- Mrs. Bindiya K., Mr. Rabinandan J., and Mr. Sagar H., Assistant Professors, organized a partial course delivery for Estimation and Contract Management (BCV702) by industry expert Mr. Adarsha S. R., Parikshak Consultancy, Shivamogga, on “Contract Management” from 03/11/2025 to 17/03/2025, focusing on practical aspects of contract administration and industry practices.
- Mr. Dattatreya S. Bhasari, Coordinator, and Dr. Karthika B. S., HOD, organized an STTP on “Maintenance of All Weather Roads” under CEP from 03/11/2025 to 07/11/2025, sponsored by the Engineering Staff College, KRS. Conducted for Government Engineers, it included expert sessions, practical learning, and a field visit to Sigandur Bridge, and concluded with positive feedback.
- Dr. Neeraj S. N., Associate Professor; Dr. Karthika B. S., Professor; and Mr. Rabinandan J. and Mr. Ganesh Prasanna S., Assistant Professors, organized an industrial visit to the Construction Company Expo from 03/11/2025 to 07/11/2025. The visit had a significant positive impact on students by enhancing their understanding of the construction sector, sparking career interests, and developing both technical and soft skills.
- Mrs. Bindiya K., Mr. Anand, Mr. B. Dattatreya S. Bhasari, and Mr. Sabareshwaran S. Assistant Professors organized MOJINI 2K25 on September 13, 2025. This one-day intercollegiate technical event at JNNCE aimed to promote civil engineering concepts among polytechnic students through competitions like Survey Hunt, AutoCAD, and Quizzes. Inaugurated by Chief Guest Sri S. N. Nagaraja (Secretary, NES), the event successfully hosted 120 participants from 15 different colleges.
- Mrs. Bindiya K., Mr. Anand B., and Ms. Chaya D. Y., Assistant Professors, organized a technical talk on “Aesthetics and Engineering: The Role of Architecture in Civil Engineering” on August 19, 2025. The session, delivered by Dr. Palakshappa K. (HOD, Civil Engineering, PACE Mangalore), highlighted the integration of functionality, sustainability, and aesthetics, inspiring students to adopt a creative and interdisciplinary approach to engineering design.
- Mr. Dattatreya S. Bhasari (Coordinator) and Dr. Karthika B. S. (HOD) organized a Continuing Education Programme (CEP) for Government Engineers from October 18 to 22, 2025. Sponsored by the Engineering Staff College, KRS, this STTP featured expert-led sessions on soil and material testing, canal embankment design, sustainable construction, and NDT methods.
- Mr. Dattatreya S. Bhasari (Coordinator) and Dr. Karthika B. S. (HOD) organized a Continuing Education Programme (CEP) for Government Engineers from October 18–22, 2025. Sponsored by the Engineering Staff College, KRS, the STTP provided specialized lectures and hands-on training in soil/material testing, canal design, NDT, and BBD testing.

Faculty Achievements

- Dr. Umapathi, Assistant Professor served as a VTU BOE member for the year 2025
- Dr. Neeraj S.N. Assocate Professor appointed as Advisory Board for International Journals Research on Engineering Structures and Materials (RESM) for the year 2025.

Publications

- Dr. Raghuram K Chinnabhandar, Associate Professor, along with co-authors, presented the paper "Unmodified Bitumen in SMA: A Sustainable and Cost-Effective Approach" at the International Conference on Sustainable Infrastructure (Sept 29–30, 2025) at NITK Surathkal. The work is Scopus-indexed and published in the conference proceedings (pp. 115–132, DOI: 10.1007/978-981-96-8448_9).
- Dr. Neeraj S.N, Associate Professor, along with co-authors, published a journal paper "Optimized Alkaline-Activated Geopolymer Concrete with Recycled Aggregates: Mechanical and Microstructural Insights with Application," SSRG International Journal of Civil Engineering, vol. 12, no. 6, pp. 16-30, 2025. (Scopus Indexed –Q2) https://doi.org/10.14445/23488352/IJCE-V12I6P102
- Dr. Neeraj S N, Associate Professor, along with co-authors, published a journal paper Effect of de-icing in conductive concrete by varying carbon powder percent and slab thickness. Res. Eng. Struct. Mater., 2025; 11(3): 1275-1286. (Scopus Indexed –Q3) DOI:http://dx.doi.org/10.17515/resm2025-732ma0308rs
- Ms. Bindiya K, Assistant Professor, along with co-authors, published a research paper titled "Soil Profiling by using Electrical Resistivity Method" in the International Research Journal of Engineering and Technology (IRJET), Vol. 12, Issue 10, on October 24, 2025. The work is featured on pages 491–495 (ISSN: 2395-0056).
- Ms. Akshatha M, Assistant Professor, along with co-authors, published a research paper titled "Experimental Analysis on the Factors Influencing the Viscosity Property of Bitumen" in the International Journal of Innovative Research in Technology (IJIRT), Vol. 12, Issue 5, on October 7, 2025. The work is UGC-indexed and published on pages 3821–3824 (ISSN: 2349-6002).
- Mr. Anirudh N, Assistant Professor, along with co-authors, published a research paper titled "Reflection crack resistance of geogrid reinforced bituminous concrete under simulated repeated loads" in Research on Engineering Structures and Materials, Vol. 12, Issue 4, on September 11, 2025. The work is Scopus-indexed and featured on pages 1–14 (DOI: 10.17515/resm2025-985ma0624rs).
- Dr. Umapathi, Assistant Professor, along with co-authors, published a research paper titled "Assessment of the Potential Use of Steel Slag in Hot Bituminous Concrete" in the Journal of Emerging Technologies and Innovative Research (JETIR), Vol. 12, Issue 7, on July 15, 2025. The work is UGC-indexed and published on pages 933–941 (DOI: 10.56975/jetir.v12i7.566191).

- Mr. Shashikumar M Hiremath, Assistant Professor, along with co-authors, published a research paper titled "Application of Response Surface Methodology in the Performance Optimization of Hybrid Natural Coagulants for Turbidity Removal" in the International Journal of Environmental Sciences (Elsevier), Vol. 11, Issue 5, on July 2, 2025. The work is Scopus-indexed and featured on pages 273–284 (DOI: 10.64252/j2bxws93).

Certification Courses

- Mr. Rabinandhan J, Asst. Professor, Dept. of Civil Engineering, obtained a certification course titled “Organizing Statistical Survey” from Great Learning Academy on 28-12-2025.
- Mrs. Karthika B S, Asst. Professor, Dept. of Civil Engineering, obtained a certification course titled “Excel for Beginners” from Great Learning Academy on 29-12-2025.
- Mr. Rabinandhan J, Asst. Professor, Dept. of Civil Engineering, obtained a certification course titled “Excel for Beginners” from Great Learning Academy on 27-12-2025.
- Mr. Neeraj S N, Associate Professor, Dept. of Civil Engineering, obtained a certification course titled “Roundabout and Intersection corridor Modelling using Civil3D” from Udemy on 19-12-2025.
- Mr. Dattatreya S Bhasari, Asst. Professor, Dept. of Civil Engineering, obtained a certification course titled “ChatGPT for Excel” from Great Learning Academy on 25-12-2025.
- Mr. Arun V, Asst. Professor, Dept. of Civil Engineering, obtained a certification course titled “Tips for writing grant applications: a funder perspective” from Research Academy on 08-10-2025.
- Mr. Anirudh N, Asst. Professor, Dept. of Civil Engineering, obtained a certification course titled “Excel for Beginners” from Great Learning Academy on 03-09-2025.
- Mr. Shashikumar M Hiremath, Asst. Professor, Dept. of Civil Engineering, obtained a certification course titled “Integrated Waste Management for a Smart City” from NPTEL on 19-11-2025.

Patents Applied / Granted

Dr. Neeraj S. N., Associate Professor, published the following patents during 2025

- Water Hyacinth Ash Geopolymer Concrete Reference Num: 202441100583.
- AI Based Smart Goggles for Construction Labours Reference Num: 202541039680.
- Natural Resin Based Black Cotton Soil Bricks Reference Num: 202441096875

Students’ Accomplishments

- Chethan M (4JN23CV009), a student of 6th Semester 'A' section, participated in the "Modern Building" event during Techzone Nationals 2K25, a national-level technical fest held inside the college campus on November 10, 2025.
- Chethan M (4JN23CV009), a student of 6th Semester 'A' section, participated in the "Surveyor’s Race" event during Techzone Nationals 2K25, a national-level technical fest held inside the college campus on November 10, 2025.

- Chethan M (4JN23CV009), a student of 6th Semester 'A' section, participated in a one-day workshop on "Incubation Awareness" organized by the Department of Industries & Commerce, held inside the college campus on October 28, 2025.
- Shrihari G M (4JN23CV044), a student of 6th Semester 'B' section, successfully completed an NPTEL Online Certification course on “Remote Sensing and GIS” on September 21, 2025.
- Chethan M (4JN23CV009), a student of 6th Semester 'A' section, successfully completed a 4-week online training on “Advanced Excel”, covering Excel basics, formulas, and data analysis, on July 30, 2025.

Photo Gallery



Industry expert Mr. Adarsha delivery on Contract Management



MOJINI 2K25 on 13th September 2025, One-Day Intercollegiate Technical Event conducted for polytechnic students

Department of Mechanical Engineering

Events Organized

- An educational trip to Sea Bird, Karwar, was organized for the students of the 5th and 7th semesters on 25/10/2025. The students had the opportunity to visit the Indian Naval ship INS Mormugao. They gained valuable insights into the ship's propulsion systems and other technical aspects. Dr. E. Basavaraj, Professor and Head; Dr. Satya Prema, Associate Professor; Dr. Manjunath Achar, Assistant Professor; and Mr. Manjunath Shetty, Instructor, accompanied the students.
- Dr. Ravi Kumar B. N., Assistant Professor, Department of Mechanical Engineering, served as the Co-Coordinator for the 48th Series State-Level Poster Presentation and Project Exhibition held at JNNCE Campus on 01/08/2025 and 02/08/2025. The event was organized by the Karnataka State Council for Science and Technology (KSCST), IISc Campus, Bengaluru, in association with JNNCE, Shivamogga.

Faculty Achievements

- Dr. E. Basavaraj, Professor and Head, Department of Mechanical Engineering, and BOE VTU Examiner, was appointed as a Question Paper Setter for the VTU Eligibility Test (VTU-ETR) for Ph.D./M.Sc. (Engg.) by Research Programme – 2025 (Industrial Engineering and Management Programme) on 01/09/2025.
- Dr. E. Basavaraj, Professor and Head, Department of Mechanical Engineering, carried out consultancy works amounting to ₹36,224 on 27/11/2025 and ₹10,745 on 15/11/2025.
- Dr. E. Basavaraj, Professor and Head, Department of Mechanical Engineering, was invited to deliver a talk jointly organized by Sahyadri Polytechnic, Thirthahalli, Shivamogga District, and the Department of Technical Education (DTE), Bengaluru, on 19/09/2025.
- Mr. Shivanandappa N. D., Assistant Professor, Department of Mechanical Engineering, was invited as a Jury Member for an event at Podar International School on 31/10/2025.
- Dr. Satya Prema, Associate Professor, Department of Mechanical Engineering, delivered an expert talk during the event “Chitrakala Sparde” organized at Government Primary School, Lingapura, N.R. Pura Taluk.
- Mr. Abdul Saleem S., Assistant Professor, Department of Mechanical Engineering, delivered an expert talk on “Global Warming and the Need for Renewable Energy: The Role of Mechanical Engineers” at Imperial Pre-University College of Science, Shivamogga, on 31/07/2025. The target audience comprised second-year Pre-University students.
- Dr. Pradeep N. B. and Mr. Parameshwara, Assistant Professors, Department of Mechanical Engineering, along with Dr. Chethan S. G., Assistant Professor, Department of Chemistry, received funding of ₹1,25,000 from JNNRIC on 07/08/2025 for their project titled “Design and Development of Prototype Eco-Friendly Smoke Zone Unit.”

- Dr. Manjunath Achar, Assistant Professor, Department of Mechanical Engineering, received funding of ₹2,50,000 from NEWGEN IEDC on 25/07/2025 for his project titled “Fabrication of Electric Vacuum-Assisted Waste Collector for Campus Road Cleaning.”
- Dr. Ravi Kumar B. N., Assistant Professor, Department of Mechanical Engineering, received funding from NEWGEN IEDC on 25/07/2025 for the projects titled “Controlling Areca Plates Production and Quality through Cloud Data” and “Production of Agricultural Waste Pulp Sheets.”

Publications

- Mr. Parameshwara, Assistant Professor, Department of Mechanical Engineering, published a Q2 journal paper titled “Hybrid Neural Network Modeling of Mechanical Alloying Process Parameters and Alloy Performance Using Forward and Reverse Mapping” through Wiley Publications on 09/09/2025. Dr. Pradeep N. B., Assistant Professor, Department of Mechanical Engineering, co-authored the paper.
- Dr. Ravi Kumar B. N. and Prof. Naveen M. R., Assistant Professors, Department of Mechanical Engineering, published a technical paper titled “Production of Biomass Briquettes Using Bio-Waste by Carbonized Process” in the International Journal of Engineering Management Sciences, River Publication House & Media, an ISI-indexed journal, on 15/09/2025.

Certification Courses

- Mr. Shanthi Kiran, Assistant Professor, Department of Mechanical Engineering, successfully completed the following NPTEL courses with Elite Grade:
- Research Methodology (8-week course) from July 2025 to September 2025.
- Production Systems and Planning (12-week course) from July 2025 to October 2025.
- Rapid Manufacturing (12-week course) from July 2025 to October 2025.
- Mr. Chethan C. G., Assistant Professor, Department of Mechanical Engineering, successfully completed the NPTEL course “Energy Conservation and Waste Heat Recovery” from July 2025 to October 2025.

Student Development Programme Organized

- A five-day Student Development Programme (SDP) titled “Cast Your Future in Castings” was organized from 27/10/2025 to 31/10/2025 by Mr. Shanthi Kiran, Assistant Professor, Department of Mechanical Engineering. The programme provided practical exposure to seventh-semester students in moulding, pouring, processing, fettling, and machining of castings. A batch of six students was taken to various foundries on a rotational basis throughout the programme. The industries involved were:
  - Malnad Alloy Castings Pvt. Ltd.
  - Vijay Technocrats Pvt. Ltd.
  - Naetek Ferro Castings Pvt. Ltd.
  - SNS Alloy Castings Pvt. Ltd.
  - Eshwar Steeltech Pvt. Ltd.

Students' Accomplishments

- Mr. Shashanth Shetty, Mr. Bhuvan S., Mr. Darshan N., and Ms. Mounashree V. of the Final Year (2025 Batch) published a technical paper titled "Production of Biomass Briquettes Using Bio-Waste by Carbonized Process" in the International Journal of Engineering Management Sciences, River Publication House & Media, an ISI-indexed journal, on 15/09/2025.

Forum Activities

- The inauguration programme of the Mechanical Engineering Association was held on 21/11/2025. The Chief Guest for the function was Smt. Sangeetha Sharath, Director – Marketing & NPD, Technorings Pvt. Ltd., Shivamogga, and Shashi Bharath Industries, Shivamogga. The programme was presided over by Dr. Vijay Kumar, Principal, JNNCE, in the presence of Dr. E. Basavaraj, Professor and Head, Department of Mechanical Engineering.
- Project Exhibition was Held under MEA for the academic year 2025-26, on 13/12/2025, Principal Dr. Y Vijay Kumar Inaugurated the exhibition, in the presence of Head of the Department Dr. E Basavaraj.

Photo Gallery





MEA Inauguration 2025-26





Principal In conversation with the Project teams

Department of Electrical & Electronics Engineering

Events Conducted

- One-day student development program on “Unlocking the power of mind” for EEE students was conducted on 19/09/2025 by RHF Rtn Santhosh S S coordinated by Ms. Manjula M.G, Assistant Professor.
- IEEE day Student outreach program was conducted on 14/10/2025 by Dr. Gurusiddayya hiremath for EEE students coordinated by M. R. Supritha, Assistant Professor.
- Powertron 2025 inagurated by Mr. Zafrulla Baig, EE, KPCL, Talguppa on 17/10/2025 coordinated by Ms. Soumya.K.T, Assistant Professor.
- One-day Student Development Program on “Application of Machine Learning in Electrical Engineering” for EEE students was conducted on 16/10/2025 by Ms. Divya B V, coordinated by, Ms. M. R. Supritha, Assistant Professor.
- One-day Student Development Program on “Software Development & testing by Code Saffron” for EEE students conducted on 19/12/2025 by Mr. Krishna, coordinated by Dr. H. B. Suresh, Prof & Head & Mr. Vidyashankar M, Assistant professor.

Publications

- Mr. Vidyshankar M, Assistant Professor & Mr. Chandan K.R, Assistant Professor published a paper titled “Design and Implementation of IoT Based Smart Energy Meter for Energy Management of Residential loads” in 11th International Conference on Electrical Energy Systems-2025(ICEES2025) Sri Sivasubramaniya Nadar College of Engineering, Kalavakkam - 603 110 indexed by scopus on 21/08/2025.
- Mr. Chandan K.R, Assistant Professor published a paper titled “Optimized Load Sharing in Residential Energy Systems Using Simulated Annealing: A Comparative Study” in 11th International Conference on Electrical Energy Systems-2025(ICEES2025) Sri Sivasubramaniya Nadar College of Engineering, Kalavakkam - 603 110 indexed by scopus on 21/08/2025.
- Ms. Soumya K. T, Assistant Professor & Dr. S.Surendra, Professor & Head published a paper titled “Dynamic Threat Modelling and Vulnerability Assesment in Smart Microgrid “in International Conference onRecent Advances in Information Technology for Sustainable Development (ICRAIS), MIT. Manipal, indexed by scopus from 03/09/2025 to 04/09/2025.
- Dr. Veeresha. K. B, Assistant Professor & Ms.Manjula.M.G, Assistant Professor & Dr. S.Surendra, Professor & Head published a paper titled “Implementation of Neural Network-Based Control System for MT-UPQC to Enhance Power Quality” in International Journal of Environmental Sciences indexed by scopus on 10/09/2025, volume 11, issue 23, ISSN 2229-7359.

Achievements of Faculty

- Ms. Soumya K.T, Assistant Professor won Best Paper award in IEEE Conference ICRAIS2025 organized by MIT, Manipal on 04/09/2025.

Workshops/Webinars/FDPs attended

- Dr. Veeresha. K.B, Assistant Professor attended STTP on “AI Tools for Advanced Research and Publications” conducted by Scholars Gate - Research Training Institute, Tamil Nadu, India.L from 03/07/2025 to 05/07/2025.
- M. R. Supritha, Assistant Professor attended STTP on “Power Management Applications Through Simulation & Software Tools” conducted by NIT Durgapur 21/07/2025 to 25/07/2025.
- M. R. Supritha, Assistant Professor attended FDP on “Recent advances in computational mathematics and machine learning” conducted by JB Institute of Engineering and Technology 04/08/2025 to 08/08/2025.
- Mr. Shambulinga S. J, Instructure attended workshop on “Become a MAANG Engineer” online on 07/08/2025.
- Mr. Shambulinga S. J, Instructure attended conference on “Generative AI Mastermind” conducted online on 16/08/2025 to 18/87/2025.
- Mr. Shambulinga S. J, Instructure attended workshop on “Date Science using Python” online on 19/08/2025.
- Dr. Thejaswi A.H, Professor attended FDP on “Advances in Electric Vehicles and Sustainable Energy Systems: Strategies, AI Applications, and Future Directions” conducted by Amrita Vishwa Vidyapeetham Bengaluru Campus from 15/09/2025 to 20/09/2025.
- Mr. Chandan K.R, Assistant Professor attended FDP on “Innovation and Design Thinking” conducted by UBDTCE, Davanagere on 15/10/2025.
- Dr. H.B. Suresh, Professor & Head attended FDP on “Foundations of Data Science and its Applications” conducted by Guru Nanak Institute of Technoloty, Telangana, from 27/10/2025 to 01/11/2025.
- Dr. H.B. Suresh, Professor & Head attended FDP on “FDP on Emerging Trends and Challenges in cyber security” conducted by Guru Nanak Institute of Technoloty, Telangana, from 10/11/2025 to 15/11/2025.
- Mr. H. M. Maheswarappa, Assistant Professor attended FDP on “Challenges and Solutions for Power Quality in Modern Power Electronics Driven Power System” conducted by Dream Institute of Technology-Kolkata, from 25/11/2025 to 29/11/2025.
- Dr. Thejaswi A. H, Professor, Dr. Veeresha. K. B, Assistant Professor, Mr. H. M. Maheswarappa, Assistant Professor, Ms. Manjula M. G, Assistant Professor attended FDP on “Application of AI to Power Systems” conducted by Avanthi Institute of Engineering & Technology (Autonomous), Makavarapalem, Anakapalle District, AP from 01/12/2025 to 06/12/2025.

Expert Talk Delivered

- Dr. H. B. Suresh, Professor & Head, delivered a talk on “Retailers Training Program” at Kalaburgi sponsored by KREDL, Govt. of Karnataka on 09/09/2025.
- Dr. H. B. Suresh, Professor & Head, delivered a talk on “Renewable Energy Resources” at Sahyadri Polytechnic, Thirthahalli on 12/09/2025.
- Dr. H. B. Suresh, Professor & Head, delivered a talk on “Retailers Training Program” at Koppa Chickmagalore sponsored by KREDL, Govt. of Karnataka on 26/09/2025.
- Dr. H. B. Suresh, Professor & Head, delivered a talk on “Stay Focused for Happy Learning” at National Residential College, Konandur on 05/12/2025.

Certification Courses

- Ms. Soumya K.T, Assistant Professor successfully completed a NPTEL course on “Patent Drafting for Beginners” from 11/07/2025 to 18/08/2025.
- Ms. Soumya K.T, Assistant Professor successfully completed a NPTEL course on “Dc Microgrid and Control System” from 11/07/2025 to 18/09/2025.
- Ms. M. R. Supritha, Assistant Professor, successfully completed a NPTEL course on “Research Methodology” from 11/07/2025 to 18/09/2025.
- Ms. Padmashree H.R, Assistant Professor, successfully completed a NPTEL course on “Power System Protection and Switchgear” from 21/07/2025 to 12/09/2025.

Student’s Accomplishments

- Manushree N, Rakshitha Y.C, Avinash P.M and Ashwini K students of 8th sem published a paper titled “Internet of Things Based Smart Medicine Box” in International Research Journal of Engineering and Technology (IRJET) on 30/09/2025, volume 12, Issue 10, ISSN -2395-0056.
- Gurukiran S and Animisha J students of 8th sem published a paper titled “Radar Surveillance System” in International Journal of Emerging Trends in Engineering and Development on 29/11/2025, volume 15, Issue 6, ISSN 2249-6149.
- Gurukiran S and Vilas V. Naik students of 8th sem published a paper titled “Solar Charge Controller using MPPT” in International Research Journal of Modernization in Engineering Technology and Science on 16/11/2025, volume 7, Issue 11, ISSN 2582-5208.

Photo Gallery



One day student development program on “Unlocking the power of mind”



Powertron 2025 Inaguration by Zafrulla Baig, EE KPCL, Talguppa

Photo Gallery



One-day SDP on Application of Machine Learning in Electrical Engineering by Ms. Divya B V



One-day Student Deveopment Program on "Software Development & testing by Code Saffron" by Mr.Krishna

Department of Electronics & Communication Engineering

Events Organized

- The Department of Electronics and Communication Engineering, JNNCE, organized a Project Exhibition-cum-Competition on 05/12/2025. The event was successfully coordinated by Mrs. Ujwala B S and Mrs. Nalina S B, Assistant Professors.
- Annual Technical Symposium PLASMA 2025 was conducted during 21/11/2025 to 22/11/2025 in JNNCE, Shimoga, coordinated by Dr. Anil Kumar J, Dr. Prashanth G S, Mr. Pradeepa S C, Assistant Professors.
- The expert talk on "Niryat Bandhu Seminar on Cross-Border Trade through E-Commerce & Engineering Export Opportunities" was organized on 13/11/2025 at the MBA Seminar Hall, coordinated by Mrs. Nalina S B and Mrs. Ujwala B S, Assistant Professors, delivered by Shri V.C. Ravish for the students.
- An Outreach Program on "An Atal Tinkering Lab Initiative" was conducted at Jnanadeepa Middle School on 29/11/2025, coordinated by Mrs. Nalina S B, Assistant Professor, involving 5 students from the school.
- The Outreach Program on "Stem Cell Awareness" was organized on 13/10/2025 at the Admin Block Seminar Hall, coordinated by Mrs. Ujwala B S, Assistant Professor, and delivered by Ms. Kruthika Ramesh for the students.
- The guest lecture titled "AI for Everyone: From Buzzword to Reality" was organized on 26/09/2025 at the CSE Seminar Hall, coordinated by Mrs. Ujwala B S, Assistant Professor, delivered by Mr. Rahil Murali for the students, under the NES banner.
- The invited talk on "Stress Management through Meditation" was organized at JNNCE, Shivamogga, from 24/09/2025 to 27/09/2025, coordinated by Ms. Sumathi K and Ms. Roopa B S, Assistant Professors, and delivered by Sri B K Swathi Sister from Prajapita Brahma Kumaris Eshwariya Vidyalaya, for the faculty and students of JNNCE.
- The invited talk on "Awareness on POSH Act" was organized at JNNCE on 22/09/2025 in the CS Seminar Hall, coordinated by Mrs. Nalina S B, Assistant Professor, and delivered by Mrs. Rekha G. M, for the faculty and students.
- The expert talk on "Time Management" was organized on 16/09/2025 at the Admin Block Seminar Hall, JNNCE, coordinated by Ms. Ujwala B S, Assistant Professor, and delivered by Dr. Dhananjaya Sarji, MLC, Shivamogga, for the students.
- The Skill Development Program (SDP) on "Effective Document Writing Using LaTeX (with Hands-on Training)" was organized on 13/09/2025 at the Project Lab, Department of ECE, coordinated by Ms. Shwetha B, Assistant Professor and Dr. Shetty Pramod Kumar, Associate Professor, and conducted by Dr. Pramod S Kumar, Associate Professor, Mr. Darshan K V, Mr. Prashanth G S, and Ms. Shwetha B, Assistant Professors, for the students.

- The Skill Development Program (SDP) on “Practical Insights into Digital Modulation Techniques and Antenna Fundamentals” was organized on 13/09/2025 at the Digital Electronics Lab, coordinated by Mrs. Nalina S B and Mrs. Sumathi K, Assistant Professors.
- The session on “Introduction to Intellectual Property Rights” with partial delivery by an industry expert was organized on 12/09/2025 at the AD Block Seminar Hall, JNNCE, coordinated by Dr. Shwetha H R, Assistant Professor and delivered by Ms. Sadhvi C Kanth for the students.
- The Science and Technology Awareness Outreach Program “PRAVARTHANA-2025” was conducted at JNNCE Campus on 30/08/2025, coordinated by Dr. Prema K N, Assistant Professor, for the students of Government High School, Kommanalu, with Mr. Chandan and Mr. Rajath L serving as resource persons under the IEEE student association.
- The industrial visit on “Hands-on Exposure to Emerging Technologies and Industry-Relevant Applications,” conducted in collaboration with NOKIA, Bangalore, was organized on 02/08/2025 & 23/08/2025 at the R&D Department, NOKIA, L5 Manyata Embassy Business Park, Outer Ring Road, Nagawara, Bengaluru, coordinated by Ms. Shwetha B and Mr. Darshan K V, Assistant Professor, with participation from faculty and students and support from the staff of the R&D Department, NOKIA.

Achievements of Faculty

- Dr. Prema K N, Assistant Professor delivered a talk in a seminar “E-Samskara: Building Digital Competence and Digital Toxicity” held at Bapuji Ayurvedic Medical College and Hospital, Shivamogga, on 18/11/2025.
- Dr. Sharath S M, Associate Professor, served as a reviewer for the IEEE International Conference IC3IT-2025, organized at Mysuru Royal Institute of Technology, Mandya, under the IEEE, held from 24/10/2025 to 25/10/2025.
- Dr. Shetty Pramod Kumar and Dr. Sharath S M, Associate Professors, A served as a peer reviewer for the IEEE International Conference ICWITE-2025 from 26/09/2025 to 27/09/2025, organized by the IEEE Bangalore Section, India.
- Dr. Anil Kumar J, Assistant Professor served as a peer reviewer for the International Journal of Advanced Trends in Engineering and Engineering (IJATEE), published by ACCENTS Journals from 18/09/2025 to 26/09/2025, and 06/10/2025 to 17/10/2025, which is a Scopus-indexed journal.
- Dr. Prema K N, Assistant Professor served as a peer reviewer for “IEEE International Conference for Women in Innovation, Technology and Entrepreneurship ICWITE-25” during 26/09/2025 and 27/09/2025.

Publications

- Ms. Ujwala B S, Mrs Sumathi K, Assistant Professors, Dr Shetty Pramod Kumar, Associate Professor, published a paper titled “Kannada Handwritten Numeral Recognition through Deep Learning and Optimized Hyper parameter Tuning” in International Journal of Artificial Intelligence, on 06/12/2025, Volume 14, Issue 6, pages 5038-5048 ISSN: 2252-8938.

- Mrs. Roopa B S, Assistant Professor, published a paper titled “Cyber Security of Multi-Cloud Healthcare Systems: A Hierarchical Deep Learning Approach” in the International Journal of Applied Mathematics by Diogenes Co. Ltd. on 25/11/2025, Volume 38, Issue 5, pages 932–948, indexed in Scopus, with ISSN: 1311-1728.
- Mrs. Roopa B S, Assistant Professor, Dr. Pramod Kumar S, Associate Professor, published a paper titled “Robust Point Cloud Registration with Adaptive Pied Kingfisher Transformer Architecture” in the International Journal of Intelligent Engineering and Systems, under the Intelligent Networks and Systems Society, on 18/10/2025, pages 230–244, indexed in Scopus, with ISSN: 2185-310X.
- Mrs. Nalina S B, Assistant Professor, presented a paper titled “An Innovative Optimized Hybrid Image Compression Approach for Wireless Sensor Networks” is an International Conference paper at the 9th International Conference on I-SMAC (IoT in Social, Mobile, Analytics and Cloud) – I-SMAC 2025, held at Tribhuvan University, Purwanchal Campus, Nepal, from 08/10/2025 to 10/10/2025, pages 1332–1337, indexed in WoS, with ISBN: 979-8-3315-7472-7.
- Dr. Shetty Pramod Kumar, Associate Professor, Pradeepa S C, Abhijith N, Assistant Professors, published a paper titled “A Novel Fuzzy Logic-Based Hepatic Tissues Segmentation from CT Scan” in the IAENG International Journal of Computer Science (IAENG) on 01/08/2025, Volume 52, Issue 8, pages 2922–2934, indexed in Scopus and UGC, with ISSN: 1819-9224.

Books

- Dr. Sharath S M, Associate Professor and Dr Shwetha H R, Assistant Professors authored a book chapter titled “Modern Very Large-Scale Integration (VLSI)”, published by Scientific International Publishing House, with ISBN: 978-93-7196-228-5.

Certification Courses

- Mrs. Nalina S B, Assistant Professor, completed the online course on “Breast Cancer Prediction Using Machine Learning” offered by Coursera, conducted from 02/10/2025 to 16/10/2025.
- Dr. Shetty Pramod Kumar, Associate Professor, has successfully completed the course titled “Allegro X PCB Editor Basic Techniques v24.1” by Cadence Design Systems, Inc from 16/09/2025 to 04/12/2025.
- Mr. Darshan K V, Assistant Professor, has successfully completed the NPTEL course titled “Digital Speech Processing” on 12/09/2025.
- Mrs. Roopa B S, Assistant Professor successfully completed NPTEL course on “Developing Soft Skills and Personality”, from 18/08/2025 to 10/10/2025.
- Dr. Anil Kumar J, Assistant Professor successfully completed NPTEL course on “Patent Drafting for Beginners”, from 18/08/2025 to 10/10/2025 and “Cyber Security and the Internet of Things” by Course Era from 01/08/2025 to 04/08/2025.
- Mrs. Shwetha B, Assistant Professor successfully completed course on “Deep Learning with PyTorch: Object Localization” by Course Era, from 01/07/2025 to 29/08/2025.

Workshops/Webinars/FDPs Attended

- Mrs. Sumathi K, Assistant Professors participated in the Faculty Development Program (FDP) on “Recent Advances in Machine Learning Tools” conducted online from 24/11/2025 to 28/11/2025.
- Dr. Shetty Pramod Kumar, Associate Professor, participated in the VTU Workshop on “Innovation and Design Thinking” at UBDT College of Engineering, Davanagere, organized by VTU, held on 15/10/2025.
- Mr. Badrish K P, Instructor, participated in the workshop on “AI Tools for Smarter Offices & Everyday Administration” held at Avinashilingam Institute, Coimbatore, Tamil Nadu, India, from 10/11/2025 to 12/11/2025 and workshop on “Generation of Optical Fibre Communications with Quantum Augmentation: Shaping the Secured & Ultra-Fast Digital Information Superhighway,” organized by the IoT Society of India, held on 18/10/2025 from Lucknow, Uttar Pradesh, India.
- Ms. Sumathi K, Assistant Professor, participated in the Research Conclave for PhD Scholars held at JNNCE, Shivamogga, on 11/10/2025 as a Faculty Development Program (FDP) participant.
- Dr. Anil Kumar J, Assistant Professor, participated in the Faculty Development Program (FDP) on “Next-Gen Electronics and Communication Systems: Empowered by ML and AI” held at National Institute of Technology, Kurukshetra, organized by AICTE, from 06/10/2025 to 11/10/2025.
- Dr. Prashanth G S Assistant Professor, participated in the Faculty Development Program (FDP) on “How to Write a Research Paper Using AI Tools for Scopus and SCI Journals,” conducted in online mode from 29/09/2025 to 04/10/2025, organized as a self-sponsored program.
- Mrs. Nalina S B, Mrs Sumathi K, Mrs Ujwala B S, Assistant Professors, participated in the Faculty Development Program (FDP) on “Recent Trends in AI Text, Vision, and Hardware Implementation Modules,” organized by Panimalar Engineering College in association with STEP, NITK Surathkal, through Pantech e-Learning & STEP, held from 28/08/2025 to 02/09/2025.
- Mr. Harish T S, Assistant Professor, attended FDP on “AI in Medical Imaging and Diagnostics: Current Trends and Challenges” from 07/07/2025 to 18/08/2025.

Funding / Grants

- Dr. Shwetha H R, Assistant Professor, received funding of ₹2,50,000 from NEWGEN IDC for the project “HydroSage: AI-Enhanced Smart Automation Prototype for Precision Hydroponics Farming”.
- Dr. Prema K N, Assistant Professor, received funding of ₹2,50,000 from NEWGEN IDC for the project “Solar Powered, Sprayer For Dry Land Agriculture”.

Student’s Accomplishments

- Sujay M S of 3rd semester participated in the NPTEL Certification program and successfully completed it on 11/10/2025.
- Kavana R of 5th semester participated in the NPTEL Certification program and successfully completed it on 11/10/2025.
- Under the guidance of Dr. Prema K N, Aishwarya M, Ananya A Hoysal of 5th semester students won the 3rd Prize in the IEEE Mini Project Symposium 2025, organized by the Mysore Sub Section at ATME College, Mysore on 25/10/2025.

Student's Publications

- Ashish B S, Chirag S, Mohammed Zuheb S A, Nihaarikaa Girish of 7th semester published paper titled "Solar integrated Battery Powered Smart Wheelchair with Gesticulation, Impediment Identification and Voice Feedback using Arduino Mega" in International Conference on Interdisciplinary Technologies in Research and Artificial Intelligence (ICITRAI 2025), during 28/11/2025 and 29/11/2025 at The Tamil Nadu Dr. Ambedkar Law University (TNDALU), Chennai, Tamil Nadu, India & RSP Research Hub, Coimbatore, Tamil Nadu.
- Sujay M S of 3rd semester published paper titled "Smart Irrigation Monitoring and Controlling System" in Journal of Computer Science, volume 18, issue:11, 25/11/ 2025, ISSN: 1549-3636.
- Amanda Raquel Pinto, Dhanushree K R, Hithesh K, Noel Jose Paul of 7th semester published paper titled "Multifunctional AI-enabled Agricultural Rover" in Journal of Computer Science, volume 18 issue:11, 25/11/ 2025, ISSN: 1549-3636.
- D G Chiranth, Darshan G P, Vathsa S of 7th semester published paper titled "Implementation Of Accident Prevention System Using Deep Learning" in International Journal of Creative Research Thoughts, volume 13 issue:11, 25/11/ 2025, ISSN: 2320-2882.
- Bhumika M S, Devika G M, Inchara B M, Mayur V Varchasvi published paper titled "Voice Controlled and Obstacles Detection Robotic Vehicle" in International Journal for Research in Applied Science & Engineering Technology, volume 13 issue:7, July 2025, ISSN: 2321-9653.

Photo Gallery



One-day SDP on Application of Machine Learning in Electrical Engineering by Ms. Divya B V

Photo Gallery



PLASMA 2025 inaugurated by Ranjitha H V, Graphics hardware Engineer at Intel, Bangalore



Inauguration of the “Niryat Bandhu Seminar on Cross-Border Trade through E-Commerce and Engineering Export Opportunities by Shri V.C. Ravish



Mr. Rahil Murali delivered a talk on “AI for Everyone: From Buzzword to Reality” for the students

Photo Gallery



Session of Atal Tinkering Lab Initiative



Mrs. Rekha G delivered a talk on “Awareness on POSH Act” for the students



Mr. Rahil Murali delivered a talk on “AI for Everyone: From Buzzword to Reality” for the students

Photo Gallery





PRAVARTHANA-2025



Mr. Rahil Murali delivered a talk on “AI for Everyone: From Buzzword to Reality” for the students

Department of Electronics & Telecommunication Engineering

Events Conducted

- An industrial visit to U R Rao Satellite Centre (URSC), ISRO, Bengaluru was organized by the Department of Electronics and Telecommunication Engineering, JNNCE, Shivamogga, for 7th semester students. The visit was successfully conducted on 29th August 2025 with the participation of 39 students and faculty members. Mr. Anand Raj S. N. Assistant Professor, Department of ETE, coordinated the visit and Mr. Madhusudhan G. Assistant Professor, Department of ETE accompanied the visit.
- The Department of Electronics and Telecommunication Engineering inaugurated the IEEE Aerospace and Electronic Systems Society (AESS) Student Chapter on 24 September 2025 at 9:30 AM. The ceremony was graced by Dr. Chengappa Munjandira, IEEE Vice-Chair, Bangalore Section, Dr. Y. Vijaya Kumara, Principal, Dr. Sathyanarayana S. V., Head of the E&CE Department and Dean (R&D), Dr. Surendra S., Head of the ETE Department. Dr. Chengappa Munjandira addressed the students on the importance of professional engagement and innovation in emerging technologies. Dr. Y. Vijaya Kumara, Principal motivated the students to actively involve in professional student chapter activities and highlighted its importance. Dr. Sathyanarayana S. V. mentioned that he had proposed the idea of establishing an IEEE Student Branch under the E&TE Department, and today he is delighted to witness it become a reality. The inauguration marks a significant milestone for the department, providing a platform for students to enhance their technical knowledge, participate in global initiatives, and collaborate with industry experts. The event was coordinated by department IEEE faculty advisors Dr. Ashwini S. R., Associate Professor and Ms. Aparna, Assistant Professor, Dept. of ETE.
- An Expert Talk on “Communication in Next Generation Networks” was conducted on 24/09/2025 by Dr. Chengappa Munjandira, IEEE Vice-Chair, Bangalore Section, coordinated by Dr. Ashwini S. R., Associate Professor, and Ms. Aparna, Assistant Professor, Department of E&TE.
- A Hands-on Workshop on “Robo DK Software” was conducted on 24/09/2025 by Prof. Srinivas Murthy M. K. at the RAI Department Laboratory, JNNCE, Shivamogga, coordinated by Dr. Ashwini S. R. and Ms. Aparna, Department of E&TE.
- An Expert Talk on “Artificial Intelligence and Its Applications” was conducted on 16/09/2025 by Sri Rahil M. Harihar, coordinated by Dr. Usha Devi M. B.
- An Expert Talk on “Introduction to Intellectual Property” was conducted on 12/09/2025 by Ms. Sadhvi C. Kanth, IPR Consultant, SCK & Associates, Shivamogga, coordinated by Ms. Rashmi M. Hullamani.
- Think, Build, Innovate – A Student Development Program on Arduino was organized from 16/10/2025 to 17/10/2025 by the 7th semester students for the 3rd semester students, coordinated by Ms. Rashmi M. Hullamani.”

- An SDP on “Machine Learning with KNIME Analytics Platform” was organized by the IEEE AESS Student Branch from 04/11/2025 to 06/11/2025 at the Computer Laboratory, Department of E&TE, JNNCE, Shivamogga. The program was coordinated by Dr. Ashwini S. R. and Ms. Aparna with sessions delivered by Prof. Girish Mantha, Prof. Sudeep Manohar, and Dr. Chethan G. S.
- SIGMA -2K25, a State-Level Technical Symposium, was conducted on 29/11/2025, coordinated by Dr. Ashwini S. R and Dr. Shashi Kiran S., Associate Professors, Dept. of ETE.
- One-day Student Symposium “Project Exhibition and Competition” was conducted on 04/12/2025 by Electronics and Telecommunication Engineering department. The event was coordinated by Dr. Ashwini S. R., Associate Professor and Ms. Aparna, Assistant Professor, Dept. of ETE.

Publications

- Dr. Ashwini S. R., Vandana R., Shreenanda S., Vaishnavi S., and Pruthwi Devaru Bhat, published a paper titled “Autonomous Vehicle for Smart Mobility and Public Safety” in the International Journal of Scientific Research in Engineering and Management (IJSREM), Volume 9, Issue 9, published on 03/09/2025, ISSN: 2582-3930.
- Dr. Ashwini S. R. and Vidyashankar M. published a paper titled “Deep Reinforcement Learning for Smart Traffic Control” in the International Journal of Integrative Studies, Scicrafthub Publication, published on 15/11/2025, Vol. 1, Issue 10, pp. 1–6, ISSN: 3049-3277.
- Mr. Madhusudhan G and Dr. Veena K. N. published paper titled “A Baseline Framework for 6G-Enabled Internet-of-Vehicle for Efficient Traffic Management” in Peer-to-Peer Networking and Applications, Springer Nature, published on 15/11/2025, Vol. 19, Issue 10, 2026, pp. 1111–2222, Scopus, ISSN: 1936-6442 / 1936-6450.
- Dr. Usha Devi M. B., Yashaskara T. G., Srujan D., Gowri R., and V. K. Sumukha, published a paper titled “Self-Balancing Cycle with Built-in ADAS” in the International Journal of Innovative Research in Technology, Volume 12, Issue 6, published on 27/11/2025, ISSN: 2349-6002.
- Mr. Madhusudhan G., Charan N. V., Mohammed Riyaz S., Prajwal V. Sharma, and Siddharth R. Chawhan, published a paper titled “ECOCLIMB SPRAYER” in the International Journal of Advanced Research in Computer and Communication Engineering, Volume 14, Issue 12, published on 06/12/2025, ISSN: 2278-1021.

Achievements of Faculty:

- Mr. Madhusudan G. was reviewer for American Journal of Electrical and Computer Engineering from 01/07/2025 to 03/07/2025.
- Dr. Harisha. S. B. was reviewer for Academia on 02/07/2025.
- Dr. Shashi Kiran S. served as a Board of Examiners (BOE) Member at Kuvempu University on 07-07-2025.

- Dr. Ashwini. S. R. was reviewer for 11th IEEE International Conference on Electronics, Computing, Communication Technologies, IEEE CONECCT organized by IEEE Bangalore section from 10/07/2025 to 11/07/2025.
- Dr. Surendra S. organized the program “CET/COMEDK Samvadha” for the benefit of II PUC students aspiring for Technical Education on 13/07/2025.
- Dr. Ashwini S. R. was reviewer for the IEEE 2nd International Conference on Intelligent Algorithms for Computational Intelligence Systems, organized by Navkis College of Engineering, Hassan.
- Mr. Madhusudhan G. was reviewer for the American Journal of Electrical and Computer Engineering (AJECE) under Science Publishing Group from 15/08/2025 to 20/08/2025.
- Dr. Ashwini S. R. was reviewer for the 3rd IEEE International Conference on Networks, Multimedia and Information Technology (NMITCON) organized by Nitte Meenakshi Institute of Technology from 01/08/2025 to 02/08/2025.
- Mr. Madhusudhan G. was reviewer for IEEE NITEECON, organized by NITTE University, from 01/08/2025 to 02/08/2025.
- Dr. Surendra S. received the Best Paper Award at the III IEEE International Conference on Recent Advances in Information Technology for Sustainable Development, held at MIT Manipal, on 04/09/2025.
- A Memorandum of Understanding (MoU) was signed between JNNCE, Shivamogga and BSNL, New Delhi on 09/09/2025, with Dr. Shashi Kiran S., Associate Professor, serving as the MoU Coordinator.
- Dr. Ashwini S. R. delivered a talk on “Unblocking the Power of the Mind” at the Satish Dhavan Seminar Hall, JNNCE, on 18/09/2025.
- Dr. Usha Devi M. B. delivered a talk on “Anti-Sexual Harassment Policy (POSH Act) and Stress Management” at JNNCE, Shivamogga, sponsored by VTU, from 15/09/2025 to 19/09/2025.
- Mr. Madhusudhan G. was reviewer for an event organized by the IEEE North Karnataka Subsection under the IEEE Bengaluru Section from 27/09/2025 to 28/09/2025.
- Dr. Harisha S. B. delivered a talk on “Microwave Imaging – Applications and Challenges” at BLDE, Vijayapura, under VTU, on 03/09/2025.
- Dr. Ashwini S. R. was reviewer for IEEE SSITCON 2025 organized by Sri Siddartha Institute of Technology from 17/10/2025 to 18/10/2025.
- Dr. Ashwini S. R. served as a Session Chair for the IEEE International Conference on Distributed Computing, VLSI, Electrical Circuits and Robotics organized by P. A. College of Engineering, Mangalore from 17/10/2025 to 18/10/2025.
- Dr. Ashwini S. R. was reviewer for International Conference on Health informatics, Intelligent Systems and Networking Technologies (HINT’25) at the Manipal Institute of Technology from 15/10/2025 to 16/10/2025.
- Dr. Ashwini S. R. was reviewer for the IEEE International Conference on Emerging Technologies in Electronics & Green Energy (ICETEG 2025) organized by JSS Science & Technological University from 10/10/2025 to 11/10/2025.

- Mr. Madhusudhan G. contributed to the book titled “Research Perspectives on Software Engineering and Systems Design,” published in the Lecture Notes in Networks and Systems series by Springer, Cham (1st Edition) on 01/10/2025.
- Mr. Madhusudhan G. was reviewer for the American Journal of Electrical and Computer Engineering under Science Publishing Group from 21/11/2025 to 27/11/2025.
- Dr. Ashwini S. R. served as a Resource Person for an orientation program on Presentation Skills, Storyboarding, and Slide Critique at Bapuji Ayurvedic College on 18/11/2025.
- Mr. Madhusudhan G served as a Resource Person for Youth for Seva (NGO) on 08/11/2025.

Certification Courses

- Dr. Harisha S. B. successfully completed the course on “Digital Circuits” by NPTEL from 21/07/2025 to 10/10/2025.
- Dr. Surendra S. successfully completed the course on “Create a Project Management Tracker Using Microsoft Excel” by Coursera from 20/09/2025 to 11/10/2025.
- Dr. Usha Devi M. B. successfully completed the course on “Introduction to Deep Learning” by Great Learning Academy from 01/09/2025 to 04/09/2025.
- Mr. Madhusudhan G. successfully completed the course on “Foundations of Generative AI Models” by Coursera from 03/11/2025 to 06/11/2025.

Patents Applied / Granted

- Dr. Ashwini S. R. and Ms. Aparna served as the Coordinator for the IEEE AESS SBC Annual Funding, under which an amount of ₹22,000 was sanctioned on 22/08/2025.

Workshops/Conferences/Webinars/FDPs attended

- Mr. Nuthan Kumara M. U. participated in the webinar titled “IoT in Healthcare: Remote Monitoring and Predictive Diagnosis” organized by The IoT Society of India on 18/07/2025.
- Dr. Shashi Kiran S. attended a Short-Term Training Program (STTP) on “Empowering Research and Innovation: Writing, Proposal Writing, and Patent Development” organized by Sanjivani College of Engineering, Kopargaon, Ahmednagar, Maharashtra (Online) from 07/07/2025 to 12/07/2025.
- Dr. Usha Devi M. B. attended FDP on “Augmented Reality / Virtual Reality (AR/VR)” organized by Dr. Vithalrao Vikhe Patil College of Engineering, Ahilyanagar, Maharashtra, from 25/08/2025 to 31/08/2025, sponsored by Excelr Edu Tech Pvt. Ltd.
- Mr. Madhusudhan G. attended a Two-Week FDP on “Next Generation Wireless Communication and Energy Harvesting Technologies” organized by the Electronics and ICT Academy, NIT Patna, in association with Centurion University of Technology and Management, Paralakhemundi, Odisha, from 19/08/2025 to 29/08/2025, sponsored by the Ministry of Electronics and Information Technology (MeitY), Government of India.

- Dr. Usha Devi M. B. attended FDP on “Digital Marketing,” organized by Dayananda Sagar University, Bangalore, Karnataka, in association with ExcelR Edtech Pvt. Ltd., from 22/09/2025 to 26/09/2025.
- Mr. Nuthan Kumara M. U. attended a webinar on “IoT for Social Transformation and Upliftment,” organized by the IoT Society of India, on 19/09/2025.
- Dr. Usha Devi M. B. attended FDP on “Gen AI – RAG (Retrieval-Augmented Generation),” organized by Chaitanya Bharathi Institute of Technology, Hyderabad, Telangana, from 08/09/2025 to 12/09/2025, sponsored by ExcelR Edu Tech Pvt. Ltd.
- Mr. Nuthan Kumara M. U. attended FDP on “Recent Trends and Future Perspectives of AI in Image Processing – Tools, Techniques and Applications: Research Perspective” organized by the Department of Electronics & Communication Engineering, S.A. Engineering College in association with Pantech, from 13/10/2025 to 17/10/2025.
- Ms. Aparna and Mr. Madhusudhan G. attended a Research Symposium on “Research: Challenges & Opportunities” at JNNCE, Shivamogga, held on 11/10/2025.
- Mr. Nuthan Kumara M. U. attended a webinar on “Bridging Academia and Industry through IoT: Skills, Standards, and Applications,” organized by the IoT Society of India on 21/11/2025.

Students’ Accomplishments

- Shannu, Prakruthi M, Saima Rifath, Apoorva Harish, and Hitha G. P. Jain participated in the NOKIA–IEEE Students Technical Symposium held in Bangalore on 02/08/2025 and 23/08/2025.
- B. Smrithi Nair, Prathiksha S. V., and Saima Kaunain participated in the event “ROBODRAGE” held at Bapuji Institute of Engineering, Davangere, Karnataka, on 10/9/2025.
- Apoorva Harish, Apeksha K, Sneha Das, and Hitha G. P. Jain participated in the event “Maze Runner” held at BMS College of Engineering, Bangalore, Karnataka, from 19/09/2025 to 20/09/2025.
- IEEE student members participated in the Workshop on “Robotic Simulation using RoboDK Software” held on 24/09/2025 conducted by RAI department, JNNCE Shivamogga.
- Rakshitha S. and Likitha G. R. participated in the national-level event “ELECTROLYTHON” held at CMR Institute of Technology (CMRIT), Bangalore, on 17/10/2025.
- Namratha D. K. and Prapthi P. Shetty participated in the IEEE Day celebrations held at Sai Vidya Institute of Technology, Bangalore, on 15/10/2025.
- IEEE student members participated in the “Workshop on KNIME Analytics Platform” held from 04/11/2025 to 06/11/2025.
- Prapthi P, Namrata D. K., R. Soundarya, Impana L.S., Bharat M. N., Pratiksha S.V., Smriti Nair, Ratan M., Ranjan S. P., Vishnu M. participated in 24 Hour Ideathon on 14th and 15th November 2025 at Global Academy of Technology in collaboration with SAVISKAR & Bengaluru City Police.

- Soundarya R. participated in the IGNITRON 2K25 Hackathon, a national-level technical fest conducted by GM University, Davanagere, from 4th to 6th December 2025.
- Sharath S., Vilas R., Kavana D. K., and Shubhangi Menashi secured 1st place in the “Line Follower” event at IGNITRON 2K25, held at GM University, Davangere, at the national level on 06/12/2025, and received a cash prize of ₹3,000.

Sports Activity

- Deeksha H. G. secured 1st place in the VTU Central Karnataka Division Level Shuttle Badminton Tournament held at MCE, Hassan from 08/09/2025 to 09/09/2025
- Manjunath G. Petkar of 5th Sem Participated and Secured 3rd place in VTU Intercollegiate State level Judo and Wrestling (Men and Women) Competition 2025 held at MITM, Mysore from 17/10/2025 to 19/10/2025
- Deeksha H G secured 2nd position in Rest of Bangalore Handball Tournament on 17/11/2025.
- Manjunath G. Petkar of 5th Sem Participated in VTU Central Karnataka division TUG OF WAR Men Championship 2025-26 held at Bahubali college of engineering, Shravanabelagola from 27/11/2025 and 28/11/2025.
- Deeksha H. G. and Sinchana S. Participated in VTU central Karnataka division Throwball championship from 02/12/2025 to 03/12/2025.
- Sinchana S. participated in South zone inter University volleyball championship from 15/12/2025 to 19/12/2025.
- Deeksha H. G. secured 3rd position in state level Handball tournament on 18/12/2025.
- Deeksha H. G. and Sinchana S. Participated in Senior Nationals Throwball championship, representing Karnataka from 28/12/2025 to 31/12/2025 held at Kottayam, Kerala.

Photo Gallery



Expert Talk on “Artificial Intelligence and Its Applications”

Photo Gallery



Expert Talk on "Introduction to Intellectual Property"



Inaugration of Project Exhibition





Inauguration the IEEE Aerospace and Electronic Systems Society (AESS) Student Chapter

Photo Gallery



Indrustrial Visit to UR Rao Satellite Centre (URSC), ISRO, Bengaluru



NOKIA–IEEE Students Technical Symposium held in Bangalore

Photo Gallery



SIGMA 2K25 Inaugrated by Ms. Samitha Sarkar, Deputy General Manager,BSNL, Shivamogga



SIGMA 2K25- State Level Technical Symposium

Department of Computer Science & Engineering

Events Organized

- Dr. Sankhya N. Nayak, Associate Professor, and Mrs. Radhika S. N., Assistant Professor, Department of CS&E, organized an expert talk on “An Expert's Blueprint to Securing a Good Placement” on 20/08/2025.
- Mrs. Rashmi V. and Mrs. Radhika S. N., Assistant Professors, Department of CS&E, organized an expert talk on “Unlocking the Power of Mind” on 26/09/2025.
- Mrs. Pushpa R. N. and Mrs. Ayesha Siddiqa, Assistant Professors, Department of CS&E, organized an expert talk on “Stress Management through Meditation” for the students and faculty of JNNCE from 24/09/2025 to 27/09/2025.
- Dr. Poornima K. M., Professor, and Mr. Sathyanarayana S., Assistant Professor, Department of CS&E, organized a workshop on “AI Tools” on 01/09/2025.
- Mrs. Ashwini S. P., Assistant Professor, Department of CS&E, organized a workshop on “Creative Learning” on 25/10/2025.
- Mrs. Rashmi V. and Mrs. Radhika S. K., Assistant Professors, Department of CS&E, organized an expert talk on “Advancing IEEE through Humanity” on 15/10/2025.
- Mrs. Pushpa R. N. and Mrs. Ayesha Siddiqa, Assistant Professors, Department of CS&E, organized an expert talk on “Success through Self-Confidence, Good Habits for Good Health and Meditation as Medicine” from 24/10/2025 to 25/10/2025.
- Mrs. Ashwini S. P., Assistant Professor, Department of CS&E, organized a technical event titled “Web in Action – Design to Kinder World and Explore AI Tools” on 16/11/2025.
- Mrs. Ashwini S. P., Mrs. Radhika S. K., and Mrs. Radhika S. N., Assistant Professors, Department of CS&E, organized “Kannada Rajyotsava” in the department on 22/11/2025.
- Dr. Poornima K. M., Professor, and Mr. Sathyanarayana S., Assistant Professor, Department of CS&E, organized “AVISHKAR–2025”, a technical fest under IEEE, from 28/11/2025 to 29/11/2025.
- Dr. Ganavi M., Associate Professor, Dr. Narendra, Mrs. Pushpa R. N., Mrs. Ayesha Siddiqa, and Mr. Akshay M., Assistant Professors, Department of CS&E, organized the IEEE technical event “Kaun Banega Champion” on 28/11/2025.
- Dr. Ravindra S., Associate Professor, Mr. Hiriyanna G. S., Mrs. Thaseen Bhashith, and Mr. Devraj F. V., Assistant Professors, Department of CS&E, organized the IEEE technical event “Hire Experience” on 29/11/2025.
- Dr. Benakappa S. M., Associate Professor, Mrs. Shreedevi S., and Mrs. Ashwini S. P., Assistant Professors, Department of CS&E, organized the IEEE technical event “SwitchScape” on 29/11/2025.
- Mr. Vedananda D. E., Mrs. Radhika S. N., and Mrs. Rashmi V., Assistant Professors, Department of CS&E, organized the IEEE technical event “MindSpark” on 29/11/2025.
- Dr. Benakappa S. M., Associate Professor, Mr. Vedanand D. V., Mrs. Shreedevi S., Mr. Nadish M., Mrs. Radhika S. K., and Mrs. Rashmi S., Assistant Professors, Department of CS&E, organized Project Exhibition–2025 for final-year students on 12/12/2025.

- Dr. Ravindra S., Associate Professor, Mrs. Pushpa R. N., Mrs. Sowmya D., Mr. Sathyanarayana S., and Mrs. Radhika S. N., Assistant Professors, Department of CS&E, organized a Mini Project Exhibition for fifth-semester students on 12/12/2025.
- Mrs. Pushpa R. N. and Mrs. Shreedevi S., Assistant Professors, Department of CS&E, organized a Parents' Meet on 13/12/2025.

Paper Publications

- Dr. Jalesh Kumar, Professor and Head, Department of CS&E, Mr. Mohan H. G., and Mr. Nandish M., Assistant Professors, Department of CS&E, published a paper titled "Host-Level Botnet Detection via Internet DNS Traffic Analysis Using Neural Networks" in the International Journal of Internet Technology Letters (John Wiley & Sons Ltd.) on 29/07/2025.
- Dr. Jalesh Kumar, Professor and Head, Department of CS&E, Mr. Mohan H. G., and Mr. Nandish M., Assistant Professors, Department of CS&E, published a paper titled "Transformer-Based Vulnerability Detection in IoT Firmware Binaries Using Opcode Sequences" in IEEE Access on 15/07/2025.
- Dr. Jalesh Kumar, Professor and Head, Department of CS&E, Mr. Mohan H. G., and Mr. Nandish M., Assistant Professors, Department of CS&E, published a paper titled "Emerging Trends in Deep Learning-Based Image Encryption: A Survey" in the International Journal of Scientific Research in Engineering and Management (IJSREM) on 04/07/2025.
- Dr. Sankhya N. Nayak, Associate Professor, and Mrs. Rashmi V., Assistant Professor, Department of CS&E, published a paper titled "Advances in Quantum-Assisted AI for Alzheimer's Disease: Methods, Metrics and Models" in the International Journal of Innovative Research in Advanced Engineering (IJIRAE) on 20/10/2025.
- Mrs. Pushpa R. N., Assistant Professor, Department of CS&E, published a paper titled "Prime Methodological Insights for Securing Devices Running within Internet of Things Environments" in the IAENG International Journal of Computer Science on 01/11/2025.

Expert Talks Delivered / Awards / Achievements

- Dr. Poornima K. M., Professor, Department of CS&E, served as a Doctoral Committee Member for Kuvempu University on 21/08/2025.
- Mr. Sandeep B., Assistant Professor, Department of CS&E, was a member of the Computer Specification and Configuration Verification Team at the Department of Animal Husbandry, Shivamogga, on 23/09/2025.
- Dr. Poornima K. M., Professor, Department of CS&E, served as the Track Chair for Robotics at the IEEE DISCOVER Conference from 17/10/2025 to 18/10/2025.
- Mr. Vedananda D. E., Assistant Professor, Department of CS&E, served as Additional Deputy Chief for the Karnataka Examinations Authority (KEA) on 02/11/2025.

FDPs / Workshops / Training Programmes Attended

- Mrs. Ashwini S. P., Assistant Professor, Department of CS&E, attended a one-week FDP on “Microsoft Power BI Data Analyst Associate” at Jawaharlal Nehru New College of Engineering, Shivamogga, from 21/07/2025 to 25/07/2025.
- Mrs. Radhika S. N., Assistant Professor, Department of CS&E, attended a one-week FDP on “Microsoft Power BI Data Analyst Associate” at Jawaharlal Nehru New College of Engineering, Shivamogga, from 21/07/2025 to 25/07/2025.
- Mr. Devaraj F. V., Assistant Professor, Department of CS&E, attended the NPTEL FDP on “Python for Data Science” offered by IIT Madras from 02/07/2025 to 30/08/2025.
- Dr. Jalesh Kumar, Professor and Head, Department of CS&E, attended the NPTEL FDP on “Python for Data Science” offered by IIT Madras from 02/07/2025 to 30/08/2025.
- Mr. Manohar Nelli V., Assistant Professor, Department of CS&E, attended the NPTEL FDP on “Research Methodology” offered by IIT Madras from 01/07/2025 to 29/09/2025.
- Mrs. Pushpa R. N., Assistant Professor, Department of CS&E, attended a one-week FDP on “Innovative Approaches to Cyber Security and Digital Arrest: Exploring Legal, Technical and Ethical Dimensions” organized by Sri Sathya Sai College of Engineering under AICTE from 25/08/2025 to 30/08/2025.
- Mrs. Thaseen Bhashith, Assistant Professor, Department of CS&E, attended the same FDP from 25/08/2025 to 30/08/2025.
- Mr. Mohan H. G., Assistant Professor, Department of CS&E, attended an FDP on “Artificial Intelligence (AI)” organized by Infosys from 18/08/2025 to 17/09/2025.
- Mr. Nandish M., Assistant Professor, Department of CS&E, attended an FDP on “Artificial Intelligence (AI)” organized by Infosys from 18/08/2025 to 17/09/2025.
- Dr. Jalesh Kumar, Professor and Head, Department of CS&E, attended the NPTEL FDP on “Accreditation for Outcome-Based Learning” offered by IIT Madras from 06/08/2025 to 25/10/2025.
- Mr. Devaraj F. V., Assistant Professor, Department of CS&E, attended the NPTEL FDP on “Accreditation for Outcome-Based Learning” offered by IIT Madras from 06/08/2025 to 25/10/2025.
- Mrs. Pushpa R. N. and Dr. Poornima K. M. attended a one-week FDP on “Generative AI and Agentic AI” organized by BIT, Bengaluru, from 23/09/2025 to 27/09/2025.
- Mr. Sathyanarayana S. N., Assistant Professor, Department of CS&E, attended an FDP on “Project Excellence: Master Your Minor and Major Projects with Real-World Case Studies on FSD and ML” organized by ExcelR from 01/09/2025 to 19/09/2025.
- Dr. Benakappa S. M., Associate Professor, Department of CS&E, attended a webinar on “Career Guidance Session” sponsored by IIT on 28/10/2025.
- Mr. Sandeep B., Assistant Professor, Department of CS&E, attended an FDP on “Foundation of Data Science and its Applications” sponsored by AICTE from 27/10/2025 to 01/11/2025.

- Mr. Akshay Nayak B. and Mrs. Radhika S. N., Assistant Professors, Department of CS&E, attended an FDP on “Innovation and Design Thinking” at University BDT College of Engineering from 05/10/2025 to 15/10/2025.
- Mrs. Thaseen Bhashith, Mrs. Sowmya D., Dr. Ganavi M., Dr. Poornima K. M., Mr. Vedanand D. E., and Mr. Hiriyanna G. S. attended a one-week FDP on “Cyber Security”, sponsored by ExcelR EdTech Pvt. Ltd. in collaboration with JNNCE, from 13/10/2025 to 17/10/2025.
- Mrs. Radhika S. N., Mr. Akshay Nayak B., and Mr. Nandish M. attended the symposium “Research: Challenges and Opportunities” at JNNCE, Shivamogga, on 11/10/2025.
- Mr. Sandeep B. and Mr. Chakrapani D. S., Assistant Professors, Department of CS&E, attended an FDP on “Emerging Trends and Challenges in Cyber Security” sponsored by AICTE and organized by Guru Nanak Institute of Technology, Hyderabad, from 10/11/2025 to 15/11/2025.

Student Achievements

- Ms. Sonika Harshitha published a paper titled “Hybrid Learning Model for Cardiovascular Risk Assessment” in the International Journal for Research in Applied Science and Engineering Technology (IJRASET) on 01/07/2025.
- Mr. Prathamesh V., Mr. Niteesh Raj H. N., Mr. Kuberan, and Mr. K. Yashwanth published a paper titled “AI-Powered Hacker Tracking and Deception Framework” in the International Journal of All Research Education and Scientific Methods on 25/09/2025.
- Ms. Shifa Naz, Ms. Shifa Anjum, Mr. Surya Upupa K., and Mr. Shivraj T. published a paper titled “A Review on Deep Learning-Based Image Caption Generation Methods” in the International Journal of Scientific Research in Engineering and Management (IJSREM) on 15/09/2025.
- Mr. Madan H. K., Ms. Misba Kounain, Mr. Mohammad Safi, and Mr. Mohammad Sufiyan published a paper titled “A Review on AI-Powered Code Debugger and Explainer” in the International Journal of Scientific Research in Engineering and Management (IJSREM) on 15/09/2025.
- Ms. Ananya H. Raj, Ms. Hima M., Ms. Inchara S., and Ms. Ashwini S. published a paper titled “Emotion Analysis from Customer Shopping Experience Using Machine Learning” in the International Journal for Research in Applied Science and Engineering Technology (IJRASET) on 09/09/2025.
- Mr. Hemanth K. S., Mr. Pawan Kumar S. P., Ms. Dhashami S. N., and Ms. Abhijna R. S. published a paper titled “Handwritten English Digit Recognition” in the International Journal of Scientific Research in Engineering and Management on 09/09/2025.
- Ms. Rakshitha D. S., Mr. Nikhil D. R., Mr. Pramad N. T., and Mr. Mukesh C. D. published a paper titled “Chaotic Map-Based Image Encryption with Scan Pattern Technique” in the International Journal of Scientific Research in Engineering and Management (IJSREM) on 10/10/2025.
- Mr. Basava Sagar successfully completed the NPTEL examination on “Cyber Security and Privacy” on 26/10/2025.

- Mr. Basava Sagar successfully completed the NPTEL examination on “Artificial Intelligence: Concepts and Techniques” on 02/11/2025.
- Mr. Prajwal V. U. participated in the “Canva Bootcamp” workshop on 02/12/2025.

Photo Gallery



Stress Management Through Meditation



Success through Self confidence



Unlocking the power of mind



Creative Learning



WEB in action- Design to Kinder World and Explore AI Tools

Photo Gallery



Kannada Rajyothsava



Parents Meet



Project Exhibition



Kaun Banega Champion



Avishkaar-2025

Department of Computer Science & Engineering (Data Science)

Events Organized

- Dr. Namitha M V and Mr. Sathvik S R, Asst. Professor, Dept. of CS&E(CDS), Organized an expert talk titled “Unlocking the Power of Mind” on 15/10/2025.
- Mrs. Suchitha H S coordinated and took students to Krishi Mela held at Keladi Shivappa Nayaka University of Agricultural and Horticultural Sciences (KSNUAHS) on 07/11/2025.
- Dr. Sushma R B and Mr. Sathvik S R, Asst. Professor, Dept. of CS&E(CDS) organized an event titled “Algo Olympics” from 10/11/2025 to 11/11/2025.
- Mrs. Suchitha H S and Dr. Namitha M V coordinated an event titled “WEDDAY-BITES with FULL-STACK FLAVOURS” on 26/11/2025.
- Dr. Namitha M V organized and conducted a seminar titled “Career Readiness & Aptitude Training” for I year CDS students on 4/12/2025.

Faculty Achievements

- Dr. Namitha M V, Asst. Professor, Completed PhD under the guidance of Dr. Manjula G R, Professor and Head, Dept. of CS&E(CDS) on 04/09/2025.
- Dr. Manjula G R, Professor and Head, Dept. of CS&E(CDS) became member of Board of Studies (BOS) on 16/09/2025.
- Dr. Manjula G R, Professor and Head, Dept. of CS&E(CDS), reviewed research papers for a springer journal on October 2025.
- Dr. Namitha M V, Asst. Professor, Dept. of CS&E(CDS) reviewed research papers for a 2nd International Conference on Health Informatics, Intelligent Systems, and Networking Technologies (HINT’25), which was held at Manipal Institute of Technology, Manipal, India from October 15th – 16th, 2025 in hybrid mode.
- Dr. Manjula G R, Professor and Head, Dept. of CS&E(CDS), has served as Jury Member – Hackathon for Students 2025 (NASE-2025) scheduled on 5th & 6th December 2025 at the UAS Dharwad campus on 14/11/2025.
- Dr. Manjula G R, Professor and Head, Dept. of CS&E(CDS), visited RVCE for “Ice Breaking Session on capacity Building in Higher Education with collaboration with German University on 20/11/2025.
- Dr. Manjula G R, Professor and Head, Dept. of CS&E(CDS), has served as Jury Member – for project exhibition scheduled on 4th December 2025 at the dept. of ETC, JNNCE, Shivamogga.
- Mrs. Sushma R B, Asst. Professor, reviewed two research papers for springer nature journal on 17/09/2025 and 12/12/2025.

Publications

- Dr. Manjula G R, Professor and Head, Dept. of CS&E(CDS), published paper titled "BicTd-Brightening Intercultural Communication: Text Detection with Enhanced Light," IAENG International Journal of Computer Science, vol. 52, no. 8, pp2643-2653, on 01/08/2025.

- Dr. Namitha M V Asst. Professor and Dept. of CS&E(CDS), Dr. Manjula G R Professor and Head, Dept. of CS&E(CDS), published paper titled “Comparative Study of Audio Features for Intelligent Sound Recognition” in Journal of Research in Artificial Neural Network Systems on 01/08/2025.
- Dr. Namitha M.V, Asst. Professor and Dr. Manjula G R, Professor and Head, Dept. of CS&E(CDS), published a research paper titled “ARHCA: Attack Resistant High-Capacity Audio Steganography” in International Journal of Intelligent Engineering & Systems on 30/09/2025.

Certification Courses

- Mrs. Suchitha H S, Asst. Professor, Dept. of CS&E(CDS), obtained a certification course titled on “Java (Basic)” from HackerRank on 13/12/2025.

Patents Applied / Granted

- Dr. Manjula G R Professor and Head, Dept. of CS&E(CDS), Dr. Sushma R B and Dr. Namitha M V, Asst. Professor, Dept. of CS&E(CDS), Published a patent titled “A Deep learning framework with hybrid optimization for intelligent IoMT patient” on 11/07/2025.

Workshops / Webinars / FDPs Attended

- Dr. Sushma R B, Asst. Professor, Dept. of CS&E(CDS), attended one week FDP on “Microsoft Power BI Data Analyst Associate” from ICTACADEMY during 21/07/2025 to 25/07/2025.
- Dr. Namitha M V, Asst. Professor, Dept. of CS&E(CDS), attended one week FDP on “Microsoft Power BI Data Analyst Associate” from ICTACADEMY during 21/07/2025 to 25/07/2025.

SDP Organized

- Dr. Manjula G R Professor and Head, Dept. of CS&E(CDS), Dr. Sushma R B and Dr. Namitha M V, Asst. Professor, Dept. of CS&E(CDS), Organized an SDP titled “AI and its agents” from 23/09/2025 to 27/09/2025.

Students’ Accomplishments

- Nikitha S K (4JN24CD025), Gowri S S (4JN24CD009), Shreyas Naik (4JN24CD043), Shreyas B C (4JN24CD042) with a team name INNOVISION participated in the National Agri Startup Expo (NASE 2025) Hackathon organized by the University of Agricultural Sciences, Dharwad and shortlisted among the top 70 teams for the final hackathon and prototype presentation which was conducted on 5–6 December 2025 at the UAS Dharwad campus under the mentorship of Dr. Sushma R B Asst. Professor, Dept. of CS&E(CDS).
- Chinthana B S (4JN24CD005), Raksha K R (4JN24CD031), and Swathi (4JN24CD050) participated in the Skillathon 2025 – Bengaluru Skill Summit. The event was conducted offline on 4th and 5th November under the mentorship of Dr. Sushma R B Asst. Professor, Dept. of CS&E(CDS).

- Vishal M S (4JN24CD058), B K Gandharva (4JN24CD003), Nimra Baig (4JN24CD026), Vishrutha R (4JN24CD059), Deepika V (4JN24CD006), Pratham K V (4JN24CD028) with a team name JINNOVA participated in the smart India hackathon and secured 17th place among 120 teams on 24th September 2025 at JNNCE campus under the mentorship of Dr. Sushma R B Asst. Professor, Dept. of CS&E(CDS).
- Aishwarya K P (4JN23CD003), Bhanupriya B U (4JN23CD011), Sinchana K S (4JN23CD050), and Varshini Basavaraj Kogali (4JN23CD059), under the guidance of Dr. Sushma R B, Assistant Professor, Dept. of CS&E(CDS), successfully obtained project funding Rs.10,000/- for their work titled "Depth-Aware Spatio-Temporal Action Quality Assessment System for Background-Invariant Remote Physical Therapy Monitoring." From NewGen IEDC under the aegis of NSTEDB, DST, Govt. of India on 24/11/2025.
- Meghana D (4JN23CD026), Jahnavi H P (4JN23CD020), Chinthana S A (4JN23CD014), and Kavya T D (4JN24CD403), under the guidance of Dr. Sushma R B Assistant Professor, Dept. of CS&E(CDS), successfully obtained project funding Rs.10,000/- for their work titled "Emotion-Aware Cardiac Monitoring Systems using OpenCV and Python with Remote Photoplethysmography for Heart-Rate and Blood Pressure Estimation and Real-Time Affect Inference." From NewGen IEDC under the aegis of NSTEDB, DST, Govt. of India on 24/11/2025.
- Ranganath T Y (4JN23CD043), Rishchith R (4JN23CD044), Shreevathsa B P (4JN23CD051), and Vikas P Shetty (4JN23CD062), under the guidance of Dr. Manjula G R (BE, M.Tech, PhD), Professor and Head, Department of CS&E (Data Science) received funding Rs.10,000/- for their project titled "Intelligent Healthcare Chatbot using LLMs and Knowledge Base Integration." From NewGen IEDC under the aegis of NSTEDB, DST, Govt. of India on 24/11/2025.
- Darshan Valentino Prasad(4JN23CD015), Mohamed Safvan M N(4JN23CD027), Fahad Ansari (4JN23CD016), Aliya Aqsa (4JN23CD005), Aaliya Jabeen (4JN23CD002), Hasnain Zafira (4JN23CD019) were contributed to the SDP titled "ML Basics: Theory Framework" held from 03/11/2025 to 04/12/2025 by 5th semester volunteers to 3rd semester students in association with Datorum as resource persons.
- Spoorthi M (4JN24CD047) and Sanjana C (4JN24CD039), as Team TECHSTACK, participated in the Ignitron 2025 Startathon organized by GMU Davanagere. Their project, titled "WatchCare", is an online health application. The team qualified for the final round, and the presentation was held on 5th December 2025 at the GMU Davanagere campus), under the guidance of Dr. Sushma R B, Assistant Professor, Dept. of CS&E(CDS).
- Vishal M S (4JN24CD058), B K Gandharva (4JN24CD003), and Pratham K V (4JN24CD028) participated in the Skillathon 2025 – Bengaluru Skill Summit. The event was conducted offline on 4th and 5th November under the mentorship of Dr. Sushma R B Asst. Professor, Dept. of CS&E(CDS).
- A Mohammed Azarudeen (4JN23CD001) participated in a 7-hour hackathon in plasma on 21/11/25 and won 3rd prize in the event.

- Sanvi N S (4JN23CD046), Karthik K Shetty (4JN23CD021), Pratham G P(4JN23CD035) organized an event titled “Algo Olympics” from 10/11/2025 to 11/11/2025 for TechZone nationals with the help of student coordinators from 2nd year and 3rd year.

Sports Activity

- Nikitha S K (4JN24CD025) Participated in the Karnataka State Junior U-23 Athletics Meet 2025, organized by Indian Athletics, held from 23rd to 25th August 2025 at Mahatma Gandhi Stadium, Udupi. Competed in the 10 km Race Walking event under the U-20 category and secured the 3rd place (Bronze Medal) at the state level.
- Sanjana Y (4JN24CDO40) Participated in Handball tournament at Mysuru on 17th November 2025 and secured 2nd place in Zones and 3rd place in Interzone.

Forum (Activities)

- Data Science Department Forum (DATORUM) Inaugural Function was conducted on 13/10/2025 with cultural and technical events.
- Datorum Organized an SDP titled “ML Basics: Theory Framework” from 03/11/2025 to 04/12/2025 by 5th semester volunteers to 3rd semester students.
- Datorum Organized an Event titled “Model combat” on 05/12/2025 5th semester volunteers to 3rd semester students.

Photo Gallery



Faculty and students with Principal during Forum Inauguration

Photo Gallery



Faculty and students with Principal during Forum Inauguration



A glimpse on “Unlocking the power of mind” event



A glimpse on “WEDDAY-BITES with FULL-STACK FLAVOURS” event



Students & faculty at Krishi Mela held at Keladi Shivappa Nayaka University of Agricultural & Horticultural Sciences (KSNUAHS)

Photo Gallery



Speakers of SDP titled “ML Basics: Theory Framework” with Principal, HOD & Data Science faculty during “Model Kombat” event



A glimpse on “Career Readiness & Aptitude Training” event

Department of Information Science & Engineering

Events Organised

- A FDP on “Microsoft Power BI Data Analyst Associate” was conducted by Dept. of IS & E in association with ICT Academy, from 21/07/2025 to 25/07/2025, and was Coordinated by Dr. Raghavendra R J, Dr. Chethan G S, Mr. Sharath Kumar S R, Mrs. Manasa S M, Mrs. Thara K L.
- A SDP on “Programming Skills” was conducted for students from 28 August 2025 to 30 August 2025 with a sponsorship amount of ₹5,000. The programme was coordinated by Dr. Jyothi K., Dr. G V Sowmya, Mrs. Prathima L and Dr. Deepa V. B. with Mr. Chandramouli C. as the Resource person.
- An Outreach Programme titled “Yugma-Techfest1” was conducted for students at JNNCE, Shimoga, from 23 August 2025 to 24 August 2025, under the aegis of IEEE Computer Society with a sponsored amount of ₹2,51,834. The programme was coordinated by Dr. Raghavendra R. J., Dr. Pavan Kumar M. P. , Mr. Arun Kumar P, Mrs. Manasa S. M., Mrs. Manisha K M and the Resource person was Dr. Sourav Kanti Aadya.
- A SDP on “Foundational Programming Skills” was conducted for students at JNNCE, Shivamogga, by the Department of ISE, from 15 September 2025 to 19 September 2025. The programme was coordinated by Dr. Raghavendra R. J., Mr. Sudeep Manohar, Mr. Sayed Aftab Ahamed and Mr. Sharath Kumar S. R..
- An Expert Talk on “Effective Strategies for Searching Technical Literature” was organized for 5th sem students from 10 September 2025 to 11 September 2025. The programme was coordinated by Dr. Raghavendra R. J., Mr. Akshay M. J., Mr. Pavan M., Mrs. Suchethana H. C., and Mrs. Prathima L.
- An Expert Talk on “Artificial Intelligence” was organized for students on 18 October 2025. The programme was coordinated by Dr. Raghavendra R. J., and Mr. Pavan M., the session was delivered by Mr. Dhananjaya.
- An Expert Talk on “Mapping Skills, Interests, and Strengths to Suitable Technical Roles” was organized for students on 13 October 2025. The programme was coordinated by Ms. Manisha K. M., and the session was delivered by Ms. Poorvika R. and Ms. Juveria Kouser.
- An Expert Talk on “From Idea to Approval: How to Prepare and Submit KSCST Project Proposal” was organized for students in ISE on 25th November 2025. The programme was coordinated by Mrs. Prathima L. and Dr. Deepa V. B., and the session was delivered by Dr. Ravi Kumar B. N.
- A SDP titled “Awareness Sessions (Offline) from VTU Centre” was organized for students at the MBA Auditorium on 24 November 2025. The programme was coordinated by Dr. Vishwas C. G. M. and Mr. Sudeep Manohar, and the session was delivered by Ms. Varshini.
- An Expert Talk on “Patent Drafting, Filing and Processing” was organized for faculty members on 22nd November 2025. The programme was coordinated by Dr. Raghavendra R. J. and Mrs. Prathima L., and the session was delivered by Dr. Manjula G. R.

- An Industrial Visit to the “Bengaluru Tech Summit” was organized for students on 20th November 2025. The visit was coordinated by Mr. Sharath Kumar S. R. and Dr. Chethan G. S., and the session featured Capt. Shubhanshu Shukla.
- A Project Exhibition for final-year students was successfully conducted in the department on 29th November 2025, in the presence of Mr. Nagaraj S. N., Secretary, NES, Dr. Y. Vijaya Kumar, Principal, JNNCE, and Dr. Raghavendra R. J., Head of the Department, with project evaluation by Mr. Pradeep H. K., Mrs. Thaseen Bhashith, Mr. Shashank G. Upadhya, and Mr. H. N. Omprakash, and coordinated by Mrs. Rashmi R., Dr. Samara Mubeen, Dr. Chethan G. S., Dr. Deepa V. B., Mrs. Thara K. L., and Mrs. Manisha K. M.
- An Expert Talk titled “Next-Gen IT: Emerging Technologies, Core AI Methodologies, and Critical Skills for Success” was organized on 02 December 2025 for students. The event was coordinated by Mr. Sharath Kumar S R and Dr. Chethan G S, with Mr. Naveen Kagloor serving as the Resource Person.

Faculty Achievements

- Dr. Chethan G. S. served as a Mentor for the project and received a Special Jury Award at the Matrix Global Summit 2025, organized by TiE Bangalore, held at the NIMHANS Convention Centre, Bangalore, on 01 July 2025.
- Dr. Raghavendra R. J. served as a Reviewer and Member of the Editorial Board for IEEE during the period from 10 July 2025 to 13 July 2025.
- Dr. Raghavendra R. J. received the Best Project of the Year Award conferred by the Karnataka State Council for Science and Technology (KSCST), held at JNNCE, Shimoga, on 02 August 2025.
- Dr. Samara Mubeen served as a Reviewer and Member of the Editorial Board for VTU on 30 August 2025.
- Mrs. Manasa S. M. & Mrs. Manisha K. M. served as members of the Organizing Committee for an IEEE event held at NES from 21 August 2025 to 23 August 2025.
- Dr. Samara Mubeen served as a Reviewer and Member of the Editorial Board for NITTE from 01 August 2025 to 02 August 2025.
- Dr. Raghavendra R. J. served as a Question Paper Setter and Member of the Editorial Board for VTU during the period from 19 September 2025 to 21 October 2025.
- Dr. Raghavendra R. J. served as a Member of the Research Advisory Committee (RAC) and Doctoral Committee Member for VTU during the period from 01 September 2025 to 24 September 2025.
- Dr. Raghavendra R. J. served as a Reviewer and Member of the Editorial Board for AICTE from 01 September 2025 to 01 October 2025.
- Mrs. Thara K. L. served as a Reviewer and Member of the Editorial Board for JSS Science and Technology during the period from 10 October 2025 to 11 October 2025.
- Dr. Raghavendra R. J. served as a Reviewer and Member of the Editorial Board for AICTE during the period from 02 October 2025 to 06 November 2025.
- Dr. Samara Mubeen served as a Team Member for an India–German Proposal at RV College of Engineering (RVCE) on 20 November 2025.

- Dr. Vishwas C. G. M. served as an Invigilator for KSET 2025, conducted at JNNCE, on 02 November 2025.
- Mr. Sudeep Manohar received the NPTEL Discipline Star recognition through NPTEL for his outstanding performance in online courses on 12 December 2025.

Publications

- Arunkumar P., Lekhan L., Nischay I. G., Prajwal V., and Pramod P. M. authored a research article titled "Butterfly Detection and Classification Based on YOLO Algorithm", International Research Journal of Modernization in Engineering Technology andScience (IRJMETS), vol. 7, no. 7, pp. 3809–3818, 30 July 2025, ISSN: 2582-5208.
- Sayed Aftab Ahamed, Sharath Kumar S. R., Girish Mantha, and Narendra Kumar S. authored a research article titled "Borewell Child Rescue System," Journal of Computer Science, vol. 18, no. 7, pp. 75–86, 16 July 2025, ISSN: 1549-3636, Scopus indexed.
- Sanjeev Kunte R., Chandan Sagar M. E., Kareppa Birappa Bambalawadi, Kountheya S. Sathish, and Krishna Sudhir Malgi authored a research article titled "Machine Learning Approach for Smart Food Recommendation System," International Journal of Emerging Technologies and Innovative Research (IJETIR), vol. 12, no. 8, 05 August 2025, ISSN: 2349-5162.
- Manisha K. M., Sindhu V. B., Siri C. K., Vaishnavi S. V., and Yashaswini B. M. authored a research article titled "A Comprehensive Review on Parkinson's Disease Detection Techniques," International Journal of Progressive Research in Engineering Management and Science (IJPREMS), Ujjain, vol. 5, no. 10, pp. 843–852, 21 October 2025, ISSN: 2583-1062.
- Manasa S. M. and Shaziya Banu authored a research article titled "Selective Encryption of Video Streams Using Chaotic Map-Based Algorithms," Journal of Technology, National Taiwan University of Science and Technology, vol. 13, no. 10, pp. 39–43, 03 October 2025, ISSN: 1012-3407, Scopus Indexed.
- Sowmya G. V. and Abhishek Kappatnavar authored a research article titled, "Sensor Communication in Automotive – ZigBee," Journal of Zhengzhou University – Natural Science, Editorial Department of Journal of Zhengzhou University, vol. 56, no. 11, pp. 443–448, 26 November 2025, ISSN: 1671-6841, Scopus Indexed.
- Vishwas C G M, Amrutha H, Ananya T Y, Anjali M, and Anushree D M authored a research article titled "Quantum-Inspired Chaotic Steganography for Satellite Images", published in the Industrial Engineering Journal (International Journal), Volume 54, Issue 12, ISSN 0970-2555, on 28 December 2025.
- Vishwas C G M, Chinmai P S, S S Varaprasad, Chandrashekar R, and Mithun Bharadhwaj M R authored a research article titled "Clustering of Photos Based on Face and Event", published in the Industrial Engineering Journal (National Journal), Volume 54, Issue 12, ISSN 0970-2555, on 23 December 2025.
- Samara Mubeen, Ruchitha L, Sushma M, Veena H B, and Ruchitha S authored a research article titled "Drowsiness Detection System for Safe Driving", published in the International Journal of Scientific Research in Engineering and Management (IJSREM) (International Journal), Volume 9, Issue 12, ISSN 2582-3930, on 23 December 2025.

- Sharath Kumar S R, Laxman Beerappa Bambalavadi, Jaskaran Singh, R Anirud, and P Harshith authored a research article titled “Video Categorization Based on Weapon Detection”, published in the International Research Journal of Modernization in Engineering, Technology and Science (IRJMETS) (International Journal), Volume 7, Issue 12, ISSN 2582-5208, on 23 December 2025.
- Sharath Kumar S R, Lavanya N V, Neha G M, Nivedita Manjappa Kadanavar, and R Shravya authored a research article titled “A Comprehensive Survey on Indian Sign Language Interpretation using Machine Learning”, published in the International Journal for Research in Applied Science & Engineering Technology (IJRASET) (International Journal), Volume 13, Issue 12, ISSN 2321-9653, on 23 December 2025.
- Jyothi K, Mamatha M G, Prashamsa K T, Manvitha N Rao, and N G Shreya authored a research article titled “Skin Disease Detection using GenAI”, published in the International Journal of All Research Education and Scientific Methods (IJARESM) (International Journal), Volume 13, Issue 12, ISSN 2455-6211, on 21 December 2025.
- Sowmya G V, Chaithra R, Brunda V, Bhoomika M D, and Dhanya R authored a research article titled “Smart Health Analysis System Using Machine Learning and Deep Learning (Ayusense)”, published in the International Journal of Scientific Research in Engineering and Management (IJSREM) (International Journal), Volume 09, Issue 12, ISSN 2582-3930, on 10 December 2025.
- Akshay M J, Pavan M, Abhishek P K, Aditya Naag H, Akshay C M, and Bharathi Udupa C authored a research article titled “AgroBot: An ML-Based Autonomous System for Precision Arecanut Farming”, published in the Journal of Systems Engineering and Electronics, Volume 35, Issue 12, ISSN: 1004-4132, pages 308–319, indexed in Scopus, on 31 December 2025.

Certification Courses

- Dr. Sanjeev Kunte R. successfully completed the online course “Introduction to Cybersecurity Fundamentals” offered by Coursera on 31 July 2025.
- Dr. Deepa V. B. successfully completed the NPTEL course “Theory of Computation” during the period from 22 July 2025 to 20 September 2025.
- Mrs. Thara K. L. successfully completed the online course “Learn Parallel Computing in Python” offered by Udemy from 08 July 2025 to 10 July 2025.
- Dr. Chethan G. S. successfully completed the online course “Create a Lead Generation Messenger Chatbot using Chatfuel” offered by Coursera during the period from 01 July 2025 to 24 July 2025.
- Mr. Girish Mantha successfully completed the online course “Designing a Customer Support Chatbot Using Flowise” offered by Coursera from 01 July 2025 to 25 July 2025.
- Dr. Deepa V. B. successfully completed the online course “Data Visualization with Power BI” offered by Great Learning Academy during the period from 01 August 2025 to 07 August 2025.
- Mr. Girish Mantha successfully completed the NPTEL course “Design and Analysis of Algorithms” during the period from 01 October 2025 to 26 November 2025.

- Dr. Vishwas C G M successfully completed the online course “Overview of Data Visualization” offered by Coursera during the period 05 December 2025 to 22 December 2025.
- Mr. Sharath Kumar S R successfully completed the online course “Mastering Data Structures Using C” offered by Udemy during the period 01 December 2025 to 27 December 2025.
- Dr. Raghavendra R J successfully completed the online course “Overview of Data Visualization” offered by Coursera during the period 22 December 2025 to 30 December 2025.

Patents Applied / Granted

- Dr. Chethan G. S. served as a Guide for the consultancy project titled “AI Driven Detection and Classification of Cervical Cancer Cells Using Deep Learning Method” and received Rs. 10,000/- at the Matrix Global Summit 2025, organized by TiE Bangalore, on 24 July 2025.

Expert Talk Delivered

- Dr. Raghavendra R. J. delivered an Expert Talk during the Induction Programme held at JNNCE, Shimoga, from 15 September 2025 to 19 September 2025.

Workshops/Conferences/Webinars/FDPs attended

- Dr. Chethan G. S., Mr. Sharath Kumar S. R., Mrs. Manasa S. M.,and Mrs. Thara K. L. attended FDP on Microsoft Power BI Data Analyst Associate was organized by ICT Academy from 21 July 2025 to 25 July 2025.
- Mr. Sudeep Manohar participated in a FDP on Introduction to Machine Learning, offered through NPTEL (Online) and supported by AICTE, from 14 July 2025 to 23 July 2025.
- Dr. Chethan G. S. participated in the National Seminar on “Empowering India’s Research Future”, organized by the Research Heights Foundation, held at ESCI, Hyderabad, from 09 July 2025 to 10 July 2025.
- Dr. Jyothi K., Dr. Samara Mubeen, Mr. Akshay M. J. and Mr. Pavan M. attended FDP on “Recent Trends on AI – Text, Vision and Hardware Implementation Models” was conducted at Panimalar Engineering College, in association with NITK STEP, IEEE, IETE, and Pantech E-Learning, from 28 August 2025 to 02 September 2025.
- Dr. Jyothi K., Dr. Raghavendra R. J, Mr. Akshay M. J., Mr. Sharath Kumar S. R., Mr. Girish Mantha attended FDP on “Smart and Sustainable Waste Management Using IoT and Data Analytics”, sponsored by AICTE, was conducted by Madanapalle Institute of Technology & Science (MITS) from 15 September 2025 to 20 September 2025.
- Mr. Pavan M. participated in a Faculty Development Programme (FDP) on “Artificial Intelligence and Machine Learning”, organized by the Department of Computer Science and Engineering, Rajiv Gandhi University (A Central University), and conducted by Pantech E-Learning, from 15 September 2025 to 19 September 2025.

- Mrs. Manasa S. M. participated in an STTP on “Incubation Workshop”, organized under RAMP, MSME, KCTU, Government of Karnataka, held at the MBA Auditorium, JNNCE, on 28 October 2025.
- Mrs. Manasa S. M. participated in an STTP on “Research: Challenges & Opportunities”, organized by ISTE, conducted at the MBA Auditorium, JNNCE, on 11 October 2025.
- Mr. Girish Mantha successfully completed a Faculty Development Programme (FDP) on “Design and Analysis of Algorithms” through NPTEL, supported by AICTE, during the period from 01 October 2025 to 31 October 2025.

SDP Organised

- A SDP on Programming Skills was conducted for students from 28 August 2025 to 30 August 2025 at the Kalpana Chawla Seminar Hall, Department of ISE with a sponsorship amount of ₹5,000. The programme was coordinated by Dr. Jyothi K. and Dr. Deepa V. B. And Mr. Chandramouli C. was the Resource person.
- A Student Development Programme (SDP) on “Foundational Programming Skills” was conducted for students at JNNCE, Shivamogga, by the Department of ISE, from 15 September 2025 to 19 September 2025. The programme was coordinated by Dr. Raghavendra R. J., Mr. Sudeep Manohar, Mr. Sayed Aftab Ahamed and Mr. Sharath Kumar S. R.
- A Student Development Programme (SDP) titled “Awareness Sessions (Offline) from VTU Centre” was organized for students at the MBA Auditorium on 24 November 2025. The programme was coordinated by Dr. Vishwas C. G. M. and Mr. Sudeep Manohar, and the session was delivered by Ms. Varshini.

Student’s Accomplishments

- Ms. Yukthamba H. B. (USN: 4JN23IS188) received a certificate for successful participation in a Certification programme conducted by Infosys on 15 July 2025.
- Mr. Chetan Kumar N. K. (USN: 4JN23IS025) received a Special Certificate for participation in an in-house SDP Workshop conducted on 27 August 2025.
- Ms. Yukthamba H. B. (USN: 4JN23IS188) received IBM Certificates for participation in an in-house Other Certification programme on 22 August 2025.
- Mr. Sanjay M. (USN: 4JN22IS130) received a Special Certificate for participation in the in-house Yugma Techfest held on 21 August 2025.
- Mr. Chetan Kumar N. K. (USN: 4JN23IS025) participated in the in-house Hackathon “Yugma Techfest 1.0” conducted on 21 August 2025.
- Mr. Sanjay M. (USN: 4JN22IS130) received a Special Certificate for participation in an outside certification programme on Cloud Computing held on 13 August 2025.
- Mr. Sanjay M. (USN: 4JN22IS130) participated in the HackAbhigna Hackathon, conducted outside the institution, on 29 October 2025.
- Ms. Gunashree M. N. (USN: 4JN22IS063) participated in the HackAbhigna Hackathon, conducted outside the institution, on 29 October 2025.
- Ms. Sunidhi B. Deshpande (USN: 4JN24IS166) received a Special Certificate for successful completion of the NPTEL Certification course on “Programming in Java”, conducted outside the institution, on 25 October 2025.
- Mr. Shrivatsa B. S. (USN: 4JN24IS412) successfully completed an NPTEL Certification course, conducted outside the institution, on 01 November 2025.

Photo Gallery



Inauguration of FDP on “Microsoft Power BI Data Analyst Associate”



Valedictory of FDP on “Microsoft Power BI Data Analyst Associate”





SDP on Programming Skills was conducted for students from 28 to 30 August 2025





An Outreach Programme titled “Yugma-1” was conducted for students at JNNCE, Shimoga, from 23 to 24 August 2025, under the aegis of IEEE Computer Society



Inauguration of SDP on “Foundational Programming Skills” was conducted for students at Campus, by the Department of ISE, from 15 to 19 September 2025



Valedictory of SDP on “Foundational Programming Skills” was conducted for students at Campus, by the Department of ISE, from 15 to 19 September 2025

Photo Gallery





Hands-on session glimpse of SDP on "Foundational Programming Skills" was conducted for students at JNNCE, Shivamogga, by the Department, from 15 to 19 September 2025









An Expert Talk on "Effective Strategies for Searching Technical Literature" was organized from 10 to 11 September 2025



An Expert Talk on "Mapping Skills, Interests, & Strengths to Suitable Technical Roles" was organized on 13 October 2025



An Expert Talk on "From Idea to Approval: How to Prepare & Submit KSCST Project Proposal" on 25th November 2025

Photo Gallery



A SDP titled “Awareness Sessions (Offline) from VTU Centre” was organized at the MBA Auditorium on 24 November 2025



An Expert Talk on “Patent Drafting, Filing and Processing” was organized for faculty members on 22 November 2025



An Industrial Visit to the Bengaluru Tech Summit was organized for students on 20th November 2025.

Photo Gallery











Inauguration of Project Exhibition for final-year students was successfully conducted in the department on 29th November 2025

Photo Gallery











Inauguration of Project Exhibition for final-year students was successfully conducted in the department on 29th November 2025



Best Project of the Year Award conferred by the Karnataka State Council for Science & Technology (KSCST), held at JNNCE, Shimoga, on 02 August 2025



Received a Special Jury Award at Matrix Global Summit 2025, TiE, Bengaluru on 01-07-2025

Department of Artificial Intelligence & Machine Learning

Events Organized

- MonAIThon 2025, the flagship event of the Department of Artificial Intelligence and Machine Learning, JNNCE, was organized as a two-day National-Level Hackathon, providing a platform for students from across the country to showcase their innovation, problem-solving abilities, and technical expertise in the field of Artificial Intelligence and Machine Learning.
- Hands-on AR/VR Workshop (Three Weeks): The Department of Artificial Intelligence and Machine Learning, JNNCE, marked a significant milestone in academic innovation by organizing a three-week Hands-on AR/VR Workshop. The programme coincided with the inauguration of the department's state-of-the-art AR/VR Laboratory, established in collaboration with ARK Infosolutions. The workshop provided students with practical exposure to Augmented Reality (AR) and Virtual Reality (VR) technologies, enabling them to develop immersive applications and gain industry-relevant skills in emerging technologies.
- NVDIA Edge AI Skill Lab in association with Tekcogent Solutions Pvt. Ltd., Chennai has been set up in the department. Different Jetson Nano devices have been set-up to use the ML and DL models and training was done on "Building Real-Time Video AI Applications from Nvidia"
- Paper Publications
- Mrs. Shaziya Banu S., Assistant Professor, Department of AIML, published a research article titled "Identification of Harmful Matters Over the Surface of Water Bodies Using Deep Learning: A Comprehensive Review" in Edizioni Nuova Cultura, a Q3-indexed journal.

Department Achievements

- AIML Dept. received project grant from NEWGEN IEDC for 7 projects, each of 2.5 lakhs.

Patent Grants

- 2 Indian patent grants and 1 UK design patent grants.

Achievements

- Dr. Chetan K. R., Professor and Head, Department of AIML, successfully completed the NVIDIA training programme on "Building Real-Time Video AI Applications."
- Dr. Ashwini J. P., Associate Professor, Department of AIML, successfully completed the NVIDIA training programme on "Building Real-Time Video AI Applications."
- Prof. Sayyed Johar, Assistant Professor, Department of AIML, successfully completed the NVIDIA training programme on "Building Real-Time Video AI Applications."
- Prof. Ranjan V., Assistant Professor, Department of AIML, successfully completed the NVIDIA training programme on "Building Real-Time Video AI Applications Using Unity."

- Prof. Shaziya Banu S., Assistant Professor, Department of AIML, successfully completed the NVIDIA training programme on “Building Real-Time Video AI Applications.”
- Prof. Nishanth S., Assistant Professor, Department of AIML, successfully completed the NVIDIA training programme on “Building Real-Time Video AI Applications.”
- Prof. Aaliya Waseem, Assistant Professor, Department of AIML, successfully completed the NVIDIA training programme on “Building Real-Time Video AI Applications.”
- Prof. Shaziya Banu S., Assistant Professor, Department of AIML, successfully completed a five-day Faculty Development Programme (FDP) on “AI-Driven Robotics.”
- Prof. Nishanth S., Assistant Professor, Department of AIML, successfully completed a five-day Faculty Development Programme (FDP) on “AI-Driven Robotics.”

Photo Gallery



Best Project of the Year Award conferred by the Karnataka State Council for Science & Technology (KSCST), held at JNNCE, Shimoga, on 02 August 2025.

Photo Gallery



2 Indian patent grants and 1 UK design patent grants



MonAIThon 2025



Facilitation of Trainer



Inaugural of NVIDIA DLI Workshop on Fundamentals of Deep Learning with certification

Department of Robotics & Artificial Intelligence

Events Organized

- The IEEE RAS Student Chapter was formally inaugurated on 24/07/2025. The invited guest, Dr. Chennagappa, Vice Chair – Technical Activities, IEEE Bangalore Section, ORAN Specialist, and VTU Senate Member, delivered an insightful keynote address on "Non-Terrestrial Networks (NTN)". His talk covered advancements in satellite-based communication, aerial networks, and the future of NTN in bridging connectivity gaps. Mrs. Sushma U. K., Assistant Professor, Department of RAI and IEEE Coordinator, along with Dr. Basappaji K. M., served as the coordinators of the event.
- A hands-on session on "Robotics Simulation Using RoboDK" for 3rd and 5th Semester ETE students was conducted under IEEE RAS in collaboration with IEEE AESS by Mr. Srinivasa Murthy M. K., Assistant Professor, Department of RAI.
- Engineers' Day was celebrated on 17/09/2025. The students of the 5th semester took the initiative in organizing the programme. Dr. Y. Vijaya Kumar, Principal, was the Chief Guest for the occasion.
- A seminar on "Unlocking the Power of Mind" was delivered by Mr. Santhosh, Founder of Esucube, Shivamogga, for 3rd and 5th semester students on 25/09/2025.
- The Universal Human Values Committee organized a programme on 26/09/2025 for 5th semester RAI students focusing on morality and ethics, human values, honesty, and integrity. The guest lecture was delivered by Sister Swathi of Brahma Kumaris Samaja, Shivamogga. The programme was coordinated by Mrs. Sushma U. K., Assistant Professor, Department of RAI.
- A "QR Code Hunt" was conducted under IEEE as part of IEEE Day on 26/09/2025. The event was coordinated by Mrs. Sushma U. K., Assistant Professor, Department of RAI and IEEE Coordinator.
- "AIROGEN", the Department of Robotics and Artificial Intelligence Student Forum, was inaugurated on 31/10/2025. The Chief Guests, Shri B. M. Kumaraswamy, Deputy Superintendent of Police (DySP), Jayanagar Police Station, and Shri T. Harsha, Sub-Inspector, Doddapete Police Station, delivered a talk on "Digital Arrest". The event was coordinated by Mrs. Sushma U. K., Assistant Professor, Department of RAI and AIROGEN Coordinator.
- "Tech Connect – Knowledge Transfer Programme on Arduino Uno" was conducted on 22/11/2025 by 5th semester students for 3rd semester students. The programme was coordinated by Mrs. Sushma U. K., Assistant Professor, Department of RAI.
- A Parents' Meeting for students of the 3rd, 5th, and 7th semesters was held on 22/11/2025. Around 45 parents attended the meeting. The programme was coordinated by Mrs. Hema H. P., Assistant Professor, Department of RAI and Department Mentor Coordinator.

- Major Project Exhibition–2025 was organized for final-year (7th semester) students on 19/12/2025. Mr. Pradeep, Associate Professor, Department of ISE; Dr. Ashwini S. R., Associate Professor, Department of ETE; and Mrs. Vidyashankar, Assistant Professor, Department of EEE, served as jury members.
- Mini Project Exhibition–2025 was organized for 5th semester students on 12/12/2025. Mr. Pradeep, Associate Professor, Department of ISE; Dr. Ashwini S. R., Associate Professor, Department of ETE; and Mrs. Vidyashankar, Assistant Professor, Department of EEE, served as jury members.

Achievements of Faculty

- Dr. Basappaji K. M., Professor and Head, Department of RAI, is serving as the Secretary of the JNNCE Alumni Association.
- Dr. Basappaji K. M., Professor and Head, and Dr. Kiran M. C., Assistant Professor, Department of RAI, were nominated to the VTU Board of Studies (Interdisciplinary Board) for the academic year 2025–26.
- Dr. Kiran M. C., Assistant Professor, Department of RAI, was nominated as a VTU Board of Examiners (BOE) Member for Mechanical and Allied Branches for the academic year 2025–26.
- Mr. Deepankar V. K., Assistant Professor, Department of RAI, received project funding of ₹2,50,000 from NewGen IEDC under the aegis of NSTEDB, DST, Government of India, on 24/11/2025 for the project titled “Performance Analysis and Predictive Modelling for Player Training Using a Sensor-Equipped Robotics Bowling Arm.”
- Mr. Deepankar V. K., Assistant Professor, Department of RAI, received project funding of ₹2,50,000 from NewGen IEDC under the aegis of NSTEDB, DST, Government of India, on 24/11/2025 for the project titled “Reverse Vending Machine.”
- Mrs. Sushma U. K., Assistant Professor, Department of RAI, was nominated as an Executive Committee (EXECOM) Member of the IEEE RAS Society, IEEE Bangalore Section, on 13/12/2025.

Publications

- Mrs. Vidya, Assistant Professor, Department of Robotics and Artificial Intelligence, published a paper titled “BicTd – Brightening Intercultural Communication: Text Detection with Enhanced Light” in the IAENG International Journal of Computer Science, Vol. 52, No. 8, pp. 2643–2653, on 01/08/2025.
- Dr. Kiran M. C., Assistant Professor, Department of RAI, published a Q1 journal paper titled “Flexural Performance of Kevlar-Reinforced Sandwich Composites with Lightweight Pumice-Filled Epoxy Cores” in Volume 38, September–October 2025, pp. 5964–5972.
- Dr. Kiran M. C., Assistant Professor, Department of RAI, successfully completed the PG Certification in AI and Robotics from NIT Puducherry in November 2025.

- Mr. Srinivasa Murthy M. K., Assistant Professor, Department of RAI; Mr. Deepankar V. K., Assistant Professor, Department of RAI; and Dr. K. M. Basappaji, Professor and Head, Department of RAI, jointly published a paper titled “Smart Solar Tracking: Integrating Advanced Technologies for Next-Generation Photovoltaic Efficiency” in the International Research Journal of Modernization in Engineering Technology and Science (IRJMETS), Vol. 7, Issue 8, pp. 441–448, on 16/07/2025.
- Mr. Srinivasa Murthy M. K., Assistant Professor, Department of RAI; Mr. Deepankar V. K., Assistant Professor, Department of RAI; and Dr. K. M. Basappaji, Professor and Head, Department of RAI, jointly published a paper titled “Operational Optimization of Restaurants Using Data Modelling and Simulation Techniques” in the International Research Journal of Modernization in Engineering Technology and Science (IRJMETS), Vol. 7, Issue 8, pp. 434–440, on 16/07/2025.
- Mrs. Vidya, Assistant Professor, Department of RAI, along with four 7th semester students, published a paper titled “Image Enhancement Techniques for Underwater Robots Using Deep Learning” in the International Research Journal of Modernization in Engineering Technology and Science on 16/12/2025.

Certification Courses

- Mrs. Vidya, Assistant Professor, Department of RAI, successfully completed the NPTEL certification course “Cloud Computing” on 13/12/2025.
- Mrs. Hema H. P., Assistant Professor, Department of RAI, successfully completed the Udemy certification course “Image Processing and Computer Vision with Python and OpenCV” on 23/07/2025.
- Mrs. Hema H. P., Assistant Professor, Department of RAI, successfully completed a certification programme on “Generative AI” from 04/08/2025 to 08/08/2025.
- Workshops / Webinars / FDPs Attended
- Mrs. Hema H. P., Assistant Professor, Department of RAI, attended a one-week FDP on “Microsoft Power BI Data Analyst Associate” organized by ICT Academy from 21/07/2025 to 25/07/2025.
- Mrs. Vidya, Assistant Professor, Department of CS&E (CDS), attended a one-week FDP on “Microsoft Power BI Data Analyst Associate” organized by ICT Academy from 21/07/2025 to 25/07/2025.
- Mrs. Sushma U. K., Assistant Professor, Department of RAI, attended a one-week FDP on “Microsoft Power BI Data Analyst Associate” organized by ICT Academy from 21/07/2025 to 25/07/2025.

Students’ Accomplishments

- Mr. Kushal K. L., a 7th semester student of the Department of RAI, secured placement at µ-Sigma Pvt. Ltd. with a package of ₹3.5 LPA.
- Thirty-two students successfully obtained NPTEL certifications in various courses offered through the NPTEL online platform.

- Mr. Rathan secured First Place and won a cash prize of ₹10,000 in the Ideathon and Hackathon held at Malnad College of Engineering, Hassan, on 20/11/2025 and 21/11/2025. During the Ideathon, his team presented the project “Logistics and Design”, while in the Hackathon they showcased “Arecanut AI”, focusing on the application of Artificial Intelligence in arecanut-related processes.
- Mr. Anmol C. S. (4JN22RI005), Mr. Manoj Kumar M. S. (4JN22RI018), Mr. Nithish R. Honnali (4JN22RI025), and Mr. Sampath Kumar N. A. (4JN22RI039), under the guidance of Mr. V. K. Deepankar, Assistant Professor, Department of RAI, secured project funding of ₹2,50,000 from NewGen IEDC under the aegis of NSTEDB, DST, Government of India, on 24/11/2025 for the project titled “Performance Analysis and Predictive Modelling for Player Training Using a Sensor-Equipped Robotics Bowling Arm.”
- Mr. Bhuvan P. (4JN22RI006), Mr. Goutham A. M. (4JN22RI010), Mr. Kevin Zion (4JN22RI015), and Mr. Vishwajeet V. Marror (4JN22RI055), under the guidance of Mr. V. K. Deepankar, Assistant Professor, Department of RAI, secured project funding of ₹2,50,000 from NewGen IEDC under the aegis of NSTEDB, DST, Government of India, on 24/11/2025 for the project titled “Reverse Vending Machine.”
- Mr. Rathan A. S. (4JN23RI041), Mr. Prashnath Achar (4JN23RI037), Mr. K. M. Shamsul Fahad (4JN23RI021), Mr. Pratham M. Sagar (4JN23RI038), and Mr. Rakesh N. P. (4JN23RI040) of the 5th semester participated in a workshop on “IoT in Robotics” conducted by IIIT-Bangalore on 08/11/2025 and 09/11/2025.
- Mr. Shahbaz Ahmed of the 5th semester, Department of RAI, secured the title “Mr. JANVEY–2025.”

Sports Activities

- Mr. Tayyed Ahmed of the 3rd semester and Mr. Shahbaz Ahmed of the 5th semester represented JNNCE and secured First Place in Football at the Central Karnataka Division Inter-Collegiate Tournament 2025–26 held at JNNCE, Shivamogga, from 02/04/2025 to 03/04/2025.

Forum Activities

- The IEEE RAS Student Chapter was inaugurated on 24/07/2025.
- AIROGEN conducted a “QR Code Treasure Hunt” as part of IEEE Day celebrations on 27/09/2025 for 3rd and 5th semester students.
- The Robotics and Artificial Intelligence Department Forum (AIROGEN) was inaugurated on 31/10/2025, followed by cultural and technical events.
- AIROGEN organized “Tech Connect – Knowledge Transfer Programme on Arduino Uno” on 22/11/2025, wherein 5th semester students trained 3rd semester students.
- AIROGEN conducted a “QR Code Treasure Hunt” as part of IEEE Day celebrations on 27/09/2025 for 3rd and 5th semester students.

- The invited guest, Dr. Chennagappa, Vice Chair – Technical Activities, IEEE Bangalore Section; ORAN Specialist; and VTU Senate Member, delivered an insightful keynote address on Non-Terrestrial Networks (NTN). His talk covered advancements in satellite-based communication, aerial networks, and the future of NTN in bridging connectivity gaps and ceremony was graced and addressed by our Principal, Research Dean Dr. S. V. Sathyanarayana.

Photo Gallery



Faculty and students with Principal during RAI Dept. Forum "AIROGEN" Inauguration, DySP. KUMAR SWAMY, SI HARSH T. were the chief guests of this function.



Unlocking the Power of Mind seminar, By Mr. Santhos, on 25th Sept 2025

Photo Gallery



IEEE Inaugurated Robotics and Automation Society (RAS) Student Chapter on 24/09/2025.



"Robotics Simulation using RoboDK"- Handson session for 3rd and 5th semester ETE Students was conducted under IEEE RAS in collaboration with IEEE on the occasion of IEEE STUDENT FORUM Inauguration.

Photo Gallery





Students giving Project Presentation to the Principal sir During Major Project Exhibition-2025 from 7th semester RAI students on 19/12/2025.



. "Engineers Day" was celebrated on 17/9/2025, and Students of 5th semester took an initiative and formal function done wonderfully and Principal Dr. Y. Vijay Kumar was the Chief Guest.



"Mini Project Exbhibition-2025"- from 3rd year 5th semester students on 12/12/2025.



A glimpse on "QR code TREASURE Hunt" event.

Photo Gallery



Students giving Project Presentation to the Principal sir During Major Project Exhibition-2025 from 7th semester RAI students on 19/12/2025.





Universal Human Value- Event with Swathi Sister, Brahma Kumari Samaja, Shimoga





Parents Meeting for students of 3rd, 5th and 7th semester RAI Dept on 22/11/2025

Photo Gallery



"Performance Analysis and Predicative Modelling for Player Training Using a Sensor-Equipped Robotics Bowling Arm" From NewGen IEDC under the aegis of NSTEDB, DST, Govt. of India project funding Rs.2,50,000/- (Two and Half Lakh Rupees).



Secured 1ST Place in Foot Ball, Central Karnataka Division "Inter Collegiate Division Level Tournament 2025-2026" held at JNNCE, Shimoga, from 2/04/2025 to 3/04/205



Parents Meeting for students of 3rd, 5th and 7th semester RAI Dept on 22/11/2025

Photo Gallery



11Team “Vistaar,” Achievement in Ideathon & Hackathon - secured 1st place and won a cash prize of ₹10,000 at the Ideathon & Hackathon held at Malnad College of Engineering, Hassan, on 20th and 21st November 2025



Dr. KIRAN M. C., Assistant Professor Dept of RAI, secured “PG certification in AI & Robotics by NIT Puducherry” november-2025.

Department of Basic Science (Physics)

Achievements of Faculty

- Dr. Rajprakash H. G. was appointed as an Editorial Board Member of the Nanoscience and Nanometrology Journal for the period from 23/12/2025 to 22/12/2026.
- Dr. Rajprakash H. G. was appointed as a Board of Examiners (BOE) Member in Applied Physics at VTU for the academic year 2025–26.
- Dr. Rajprakash H. G. was appointed as a Board of Examiners (BOE) Member in Applied Physics at BITM for the academic years 2024–26.
- Ms. Shwetha D. qualified the Karnataka State Eligibility Test (K-SET) for Assistant Professorship in Physical Sciences, conducted by the Karnataka Examinations Authority (KEA), Government of Karnataka, on 02/11/2025.

Publications

- Dr. Rajprakash H. G. and Ms. Nayana S. G. published a research paper titled “Mixed Nano Ferrites: Synthesis and Applications in Biomedical and Sensor Fields” in the International Journal of Creative Research Thoughts, Volume 13, Issue 10, ISSN: 2320-2882, October 2025.
- Ms. Shwetha D. published a review paper titled “Synthesis of Polyvinylidene Difluoride (PVDF)-Based Metal Oxide Nanoparticle Nanocomposite Thin Films: A Comprehensive Review” in the International Journal of Science and Research Archive, 2025.

Certification Course Completed

- Dr. Rajprakash H. G. successfully completed the NPTEL course on Solid State Physics on 10/11/2025.

Workshops, Webinars, and FDPs Attended

- Dr. Rajprakash H. G. attended a six-day Faculty Development Programme (FDP) on Additive Manufacturing, organized by the Department of Mechanical Engineering, Bethlehem Institute of Engineering, Karungal, from 08/12/2025 to 13/12/2025.
- Ms. Nayana S. G. participated in a five-day FDP on Research Methodology, jointly organized by VTU and NITTTR, held from 11/12/2025 to 19/12/2025.
- Dr. Rajprakash H. G. attended a five-day FDP on Recent Advances in Composite Materials: Integrating Modelling and Experimental Approaches, organized by the Departments of Mechanical and Civil Engineering, Maharaj Vijayaram Gajapathi Raj College of Engineering (Autonomous), Vizianagaram, Andhra Pradesh, from 17/11/2025 to 21/11/2025.
- Ms. Shwetha D. participated in the One-Week Online FDP on VTU’s Revised Physics Curriculum, organized by the Department of Physics under the aegis of the Department of Basic Sciences, Cambridge Institute of Technology, Bengaluru, from 27/10/2025 to 01/11/2025.

- Dr. Rajprakash H. G. attended the IEEE Quantum Lecture Series, organized by HKBK College of Engineering, Bengaluru, from 01/09/2025 to 05/09/2025.
- Dr. Harish B. M., Ms. Shwetha D., and Ms. Nayana S. G. served as Organizing Committee Members for the one-day FDP on “Revised Syllabus of Applied Chemistry, Applied Physics, and Applied Mathematics”, jointly organized by JNN College of Engineering, Shivamogga, and VTU, Belagavi, on 30/08/2025.
- Ms. Nayana S. G. participated in the Training of Trainers: One-Day Workshop on Innovation and Design Thinking, jointly organized by UBDT College of Engineering, Davanagere, and VRIF, Belagavi, held on 15/10/2025.
- Dr. Harish B. M. participated in a one-week Faculty Development Programme on Microsoft Power BI Data Analyst Associate, conducted by ICT Academy at Jawaharlal Nehru New College of Engineering, Shivamogga, from 21/07/2025 to 25/07/2025.

Department of Basic Science (Chemistry)

Events Organised

- Dr. Moinuddin Khan M. H. organized a Faculty Development Programme (FDP) on "Revised Syllabus of Applied Chemistry, Physics, and Mathematics" on 30/08/2025.
- Dr. Sachin H. P. organized a Student Development Programme titled "Researchers' Conclave: Research Challenges and Opportunities" at the MBA Auditorium, JNNCE, Shivamogga, on 11/10/2025.
- Dr. Sachin H. P. organized a one-day Student Development Programme, "Science Expo–2025", for first-year B.E. students (Chemistry Cycle), sponsored by Al-Habeeb Education Trust, at STEP Block, JNNCE, on 25/11/2025.
- Dr. Chethan S. G. coordinated the 48th Series State-Level KSCST Project Exhibition Programme, funded by KSCST-IISc, Bengaluru.

Achievements of Faculty

- Dr. Chethan S. G. received the Best Paper Presentation Award at a conference held at the University of Agricultural Sciences, Raichur, on 13/08/2025.
- Dr. Chethan S. G. received a Certificate of Excellence in Reviewing from the Journal of Pharmaceutical Research International on 20/11/2025.
- Dr. Sachin H. P. delivered an expert talk during the Faculty Development Programme on "Revised Syllabus of Applied Chemistry, Physics, and Mathematics" on 30/08/2025.
- Dr. Moinuddin Khan M. H. delivered an expert talk during the Five-Day Online FDP on "Revised Chemistry Syllabus", organized by VTU and hosted by Cambridge Institute of Technology, Bengaluru, from 24/11/2025 to 28/11/2025.

Publications

- Sathisha H. C., Anitha G., Krishnamurthy, Malathesh Pari, Lubna Afroz, and Nagaraju G. published a paper titled "Fabrication of MnO_2–CeO_2 Nanocomposite via Facile Green Combustion Method: Photocatalytic Activity under Visible Light and Electrochemical Sensing Applications" in Ceramics International, Volume 51, Issue 25, Part A, October 2025, Pages 44423–44432 (DOI: 10.1016/j.ceramint.2025.07.173), on 14/07/2025.
- Bindu Pavan, Venkatachala, Siddalinganahalli Manjappa, Bahaddurghatta Eshwaraswamy Kumara Swamy, and L. Manjunatha published a paper titled "Pretreated Pencil Graphite Modified Electrode Sensor for Melatonin" in the Journal of Electrochemical Science and Engineering, Vol. 15, No. 5 (2025), DOI: 10.5599/jese.2594, on 14/07/2025.

Grants Received

- Dr. Chethan S. G. received a consultancy grant of ₹1,00,000 for the project titled "Smoke Zone Prototype" on 07/08/2025.

- Dr. Chethan S. G. received a grant of ₹2,00,000 under the NEW-GEN IEDC Project for the project titled “Phytoremediation System” on 01/09/2025.

Workshops / Webinars / FDPs Attended

- Dr. Chethan S. G., Mr. Bindu Pavan V., and Dr. Lubna Afroz attended the Faculty Development Programme on “Revised Syllabus of Applied Chemistry, Physics, and Mathematics” on 30/08/2025.
- Dr. Moinuddin Khan M. H. attended a two-day workshop on First-Year Curriculum Finalization held at BMS Institute of Technology and Management, Bengaluru, on 04/08/2025.
- Dr. Moinuddin Khan M. H. attended the Faculty Development Programme on “Organic Semiconductors in Quantum Sensing and AI: Future Technologies for Battlefield Superiority” at East Point College of Engineering and Technology from 18/09/2025 to 24/09/2025.
- Dr. Chethan S. G. attended the AICTE ATAL Faculty Development Programme on “Organic Semiconductors in Quantum Sensing and AI: Future Technologies for Battlefield Superiority” at East Point College of Engineering and Technology from 18/09/2025 to 24/09/2025.
- Dr. Chethan S. G. attended the AICTE ATAL Faculty Development Programme on “Hydrogen Energy Systems for a Clean and Green Future” from 13/10/2025 to 18/10/2025.
- Dr. Sachin H. P., Mr. Bindu Pavan V., and Dr. Chethan S. G. attended the Online FDP on “VTU Revised Chemistry Syllabus”, hosted by Cambridge Institute of Technology, Bengaluru, from 24/11/2025 to 28/11/2025.

Department of Basic Science (Mathematics)

Achievements of Faculty

- Dr. Gurupadavva Ingalahalli qualified the Karnataka State Eligibility Test (K-SET) for Assistant Professorship in Mathematical Sciences, conducted by the Karnataka Examinations Authority (KEA), Government of Karnataka, on 02/11/2025.
- Dr. Keerthi M. L. and Dr. Felicita Almeida were recognized as Research Supervisors under VTU for the academic year 2025–26.
- Dr. Pandith Giri Mohan Das P. K. was appointed as a Board of Examiners (BOE) Member of VTU for the period from 11/11/2025 to 10/11/2026.
- Dr. Krishnamurthy M. R. was appointed as a Question Paper Setter for B.E. Semester-End Examinations by Malnad College of Engineering on 27/10/2025 and 12/11/2025.
- Dr. Krishnamurthy M. R. served as a reviewer for the Asian Basic and Applied Research Journal and was recognized by the Editorial Board on 23/08/2025.
- Dr. Krishnamurthy M. R. served as a reviewer for the Physical Science International Journal and was recognized by the Editorial Board on 01/08/2025.
- Dr. Krishnamurthy M. R. served as a reviewer for BP International and was recognized by the Editorial Board on 19/12/2025.
- Dr. Krishnamurthy M. R. served as a reviewer for the Journal of Advances in Mathematics and Computer Science and was recognized by the Editorial Board on 11/12/2025.
- Dr. Keerthi M. L. served as a reviewer for the International Journal of Mechanics and Materials in Design (Springer) and was recognized by the Editorial Board on 27/09/2025.
- Dr. Keerthi M. L. served as a reviewer for Heat Transfer (Wiley Online Library) and was recognized by the Editorial Board on 16/10/2025.
- Dr. Keerthi M. L. served as a reviewer for Scientific Reports (Springer) and was recognized by the Editorial Board on 26/11/2025.
- Dr. Keerthi M. L. served as a reviewer for Engineering Applications of Artificial Intelligence (Elsevier) and was recognized by the Editorial Board on 23/12/2025.
- Dr. Gurupadavva Ingalahalli served as a reviewer for REVA University on 01/11/2025.

Publications

- Felicita Almeida, Pradeep Kumar, A. R. Ajaykumar, and B. Nagaraja published a paper titled “Cattaneo–Christov Diffusive Transient Flow of Prandtl Nanofluid Guided by Stretching/Shrinking Curved Sheet with Magnetic Dipole” in the Proceedings of the Institution of Mechanical Engineers, Part N: Journal of Nanomaterials, Nanoengineering and Nanosystems (SAGE Publications), on 17/07/2025.

- P. Kumar, A. R. Ajaykumar, F. Almeida, S. Saranya, Qasem Al-Mdallal, and Felicita Almeida published a paper titled “Statistical and Numerical Investigation of Irreversibility for Time-Dependent Casson–Carreau Nanofluid Flow Driven by Curved Surface: Regression Analysis” in Partial Differential Equations in Applied Mathematics (Elsevier), Vol. 15, Article 101263, on 13/08/2025.
- Krishnamurthy M. R., Vinay Acharya K., Ganesh Kumar D. G., and Prakasha published a paper titled “Computational Analysis of Non-Fick’s Mass Flux Flow and Thermophoretic Particle Deposition Heat Transfer for a Biomagnetic Fluid over a Sheet” in the Journal of Thermal Analysis and Calorimetry (Springer) on 22/09/2025.
- N. Srikantha, Soniya Hegde, Krishnamurthy M. R., and Thirupathi Thumma published a paper titled “Computational Investigation of Unsteady Non-Linear Convective Transport of $CuO–Al_2O_3–H_2O$ Nanofluid with Quadratic Heat Radiation Using the Koo–Kleinstreuer–Li Model” in the International Journal of Ambient Energy, Vol. 46, No. 1, on 24/09/2025.
- Pradeep Kumar, Felicita Almeida, Taseer Muhammad, and Metib Alghamdi published a paper titled “Surface Drag Optimization Using ANOVA–Taguchi Method for the Unsteady Radiative Flow of Dusty-Trihybrid Nanofluid in a Microchannel Emphasizing Shape Factor” in the Journal of Radiation Research and Applied Sciences (Elsevier), Vol. 18, No. 3, Article 101806, on 01/09/2025.
- Pradeep Kumar, M. N. Guruprasad, Felicita Almeida, and Qasem Al-Mdallal published a paper titled “Entropy Optimization of Micropolar Nanofluid Flow through a Porous Microchannel with Darcy–Forchheimer Phenomenon Using Differential Transform Method: An ANOVA–Taguchi Approach” in the International Journal of Thermofluids (Elsevier), Vol. 30, Article 101428, on 01/11/2025.
- Anil S. C., Pandith Giri Mohan Das P. K., Shaila S. Bhat, and Bhagyalakshmi K. published a paper titled “A Shortcut Method to Compute the Square of Numbers Ending in 2: A Case Study with 32” in PARIPEX – Indian Journal of Research, Vol. 14, Issue 9, on 09/09/2025.

Certification Courses

- Mr. Anil S. C. successfully completed the NPTEL certification course “Calculus of One Real Variable” from 01/07/2025 to 20/09/2025.
- Mr. Anil S. C. successfully completed the Coursera certification course “Using Google Forms for Student Success” on 08/09/2025.
- Dr. Keerthi M. L. successfully completed the NPTEL certification course “Calculus of One Real Variable” from 01/07/2025 to 20/09/2025.

Workshops, Webinars, and FDPs Attended

- Dr. Krishnamurthy M. R. and Dr. Harishkumar E., Assistant Professors, Department of Mathematics, participated in the Online International Workshop on “The Transformative Role of Artificial Intelligence in Mathematics: Enhancing Problem Solving, Teaching, and Research”, organized by Cambridge Institute of Technology, Bengaluru, from 01/12/2025 to 05/12/2025.

- Dr. Pandith Giri Mohan Das P. K., Assistant Professor, Department of Mathematics, participated in the FDP on “Innovation and Design Thinking”, organized by UBDT College of Engineering on 15/10/2025.
- Dr. Shaila S. Bhat, Mr. Anil S. C., Dr. Pandith Giri Mohan Das P. K., Dr. Gurupadavva Ingalahalli, Dr. Krishnamurthy M. R., and Dr. Keerthi M. L., Assistant Professors of the Department of Mathematics, participated in the One-Day FDP on “Revised Syllabus of Applied Chemistry, Applied Physics, and Applied Mathematics”, jointly organized by JNNCE and VTU on 30/08/2025.
- Dr. Krishnamurthy M. R., Assistant Professor, Department of Mathematics, participated in the FDP on “Recent Advances in Computational Mathematics and Machine Learning”, organized by JB Institute of Engineering and Technology from 04/08/2025 to 08/08/2025.
- Dr. Gurupadavva Ingalahalli, Assistant Professor, Department of Mathematics, participated in and presented a research paper at the Online International Symposium on Differential Geometry and its Applications (ISDIGA 2025), organized by Munzur University, from 03/07/2025 to 04/07/2025.

Department of Management Studies (MBA)

Student Development Programmes

- One-Day Workshop on “Pitch Craft – Digital Marketing” in association with One Click Academy on 07.10.2025, focusing on enhancing students’ digital marketing and pitching skills. The event was coordinated by Dr Santhosha.
- Student Development Programme on “Mastering the Mind and Academic Excellence” on 16/10/2025. Sri Ramesh V. Umarani, Managing Director, Vivekananda Institute for Youths, and Swami Vinayananda Saraswathi Swamiji, Sri Ramakrishna Vivekananda Ashrama were the resource persons. The event was coordinated by Dr Subhadra P S
- A Skill Development Programme titled “Elevate Beyond Boundaries” coordinated by Dr. Praveen Kumar B. H. was facilitated by Mr. Ramani Venkat and Team, who provided valuable insights and interactive learning experiences for the participants. The programme was held from 28/11/2025 to 29/11/2025.
- Annual Sports Meet organized at the Sports Ground, JNNCE by the Department. The event was coordinated by Dr. Praveen Kumar B. H., from 13/12/2025 to 27/12/2025.
- Dr. K. R. S. Sharma, Students’ Development Program “MEDHA–2025: Empowering Knowledge” for MBA students on 29/12/2025. The programme was organized to enhance students' knowledge, skills, and overall academic and professional development.

Women Entrepreneurship Series

As part of the JNNCE–MBA Meets Entrepreneurship series, interactive sessions with successful women entrepreneurs from Shivamogga and nearby regions were organized to provide students with first-hand exposure to entrepreneurial practices and experiences.

- Ms. Kavitha – Founder, SAP Bio Products: Students interacted with Ms. Kavitha to understand her transition from homemaker to entrepreneur and the challenges she faced in establishing a food-based enterprise. The discussion provided valuable lessons on determination, business planning, and customer relationship management.
- Ms. Veena C. R. – Shyli Handloom Garments: Students engaged in meaningful discussions with Ms. Veena on preserving traditional handloom products through entrepreneurship. The interaction helped them understand the importance of branding, market positioning, and supporting local artisans in a competitive marketplace.
- Ms. Sunitha – Fitness & Lifestyle Coach, Fitness Arena: Students explored the opportunities and challenges in the health and wellness industry through an interactive session with Ms. Sunitha. The discussion focused on entrepreneurship in the service sector, client management, and building a sustainable personal brand.

- Ms. Uma – Madhura Ladies Corner (Rental Costume Pioneer): Through direct interaction with Ms. Uma, students learned how identifying unmet customer needs can lead to innovative business opportunities. The session provided practical insights into niche marketing, customer retention, and business expansion strategies.
- Ms. Ranjitha – Founder, Beauty & Spa Academy: Students had the opportunity to discuss entrepreneurship in the beauty and wellness sector with Ms. Ranjitha. The interaction highlighted the significance of professional skills, entrepreneurship training, and creating employment opportunities through business ventures.
- Ms. Deepthi Shetty – Edupreneur, Creative Kiddos, Shivamogga: Students actively interacted with Ms. Deepthi Shetty to understand the dynamics of educational entrepreneurship and innovation in learning. The session encouraged students to think creatively, identify emerging opportunities, and appreciate the role of entrepreneurship in transforming education.

Leadership Series

- The Department organized a series of Leadership Seminars during the academic year to enhance students' leadership capabilities, career readiness, personal development, and mental well-being. The series was coordinated by Dr Vikram V and Dr Kavitha Jane Crasta.
- A Leadership Seminar on "Look Beyond, Glance Around, Search Within" was delivered by Prof. Jossy Peter, Life Coach and Insurance Crusader, and Mr. S. Anantha Prasad, Alumni of JNNCE and CEO & Co-Founder of Suraksha Management Solutions, focusing on self-awareness, leadership qualities, and personal growth.
- A Leadership Seminar on "Career Building Strategies" was led by Dr. Nayana Reddy Poli and provided valuable insights into career planning, skill development, and long-term professional growth.
- An Exclusive Fitness Club for Girl Students was inaugurated on 30/10/2025 to promote physical fitness, health awareness, and overall well-being among female students. The resource person was Mrs Sunitha Chethan a renowned Fitness Coach from Shivamogga. The event was coordinated by Dr Subhadra P S

Celebration of World Entrepreneurs' Day

- "An interactive session with Dr. Basappaji, Coordinator of NewGen IEDC, JNNCE, was organized on 21/08/2025 in celebration of World Entrepreneurs' Day. The session focused on promoting innovation and entrepreneurship among students. Dr. Basappaji shared insights into the vision and initiatives of NewGen IEDC and discussed the various opportunities available for aspiring entrepreneurs. The session inspired students to explore startup possibilities and contribute to society through innovative and sustainable business solutions." The programme was coordinated by Dr Subhadra P S.

Drugs Abolition Day

- International Day Against Drug Abuse and Illicit Trafficking was held on 26/06/2025. An awareness programme was organized in association with MCA Department to educate students about the adverse effects of drug abuse and the importance of leading a healthy and responsible lifestyle. The resource person, Mr Jagadeesh, Sub-Inspector, Vinoba Nagar Police Station, Shivamogga emphasized on prevention, awareness, and the collective responsibility of society in creating a drug-free environment. Students actively participated in the session and pledged to stay away from drugs and promote awareness among their peers. Dr Subhadra P S coordinated the session.

Industrial Visits

- The Department organised an Industrial Tour to Madikeri, covering Western Coffee Curing Pvt. Ltd., Kushalnagar, on 11/09/2025 and 12/09/2025. The visit provided students with practical exposure to coffee processing operations, quality control measures, supply chain practices, and overall industrial functioning, thereby bridging the gap between theoretical knowledge and real-world applications.
- Mysore – Karnataka Silk Industries Corporation (KSIC)Factory. The visit provided insights into the traditional silk production process and the craftsmanship behind Mysore silk sarees. Students observed the stages of silk weaving, quality control, and branding of the heritage product.
- Press Houses – Vijaya Vani & Vijaya Karnataka- The visit helped students understand newspaper production, editing, and printing workflows in a modern media house. It also highlighted the role of journalism, news dissemination, and digital transformation in print media.

Orientation Day

- The Department organised the First Year MBA Orientation Programme on 03/11/2025. The programme was conducted to welcome the newly admitted students and familiarise them with the academic structure, institutional values, facilities, and expectations of the MBA programme.

Faculty Paper Publications

- Dr Kavitha Jane Crasta published a paper, “A Study on Artificial Intelligence in Recruitment Process” in Journal of Commerce and Business Studies, Vol 8, Book No 3, July to December, 2025. ISSN 2322-0767.
- Mr. Praveen Kumar B. H. published a research article titled “India's Banking Revolution: Technological Advancements and Innovations” in the International Journal of Multidisciplinary Research in Science, Engineering & Technology (IJMRSET) on 30/08/2025, in Volume 8, Issue 8, spanning pages 12959–12961. indexed in i-Scholar, ISSN 2582-7219.
- Dr. Vikram V published a research article in the Q1 journal Cultura. International Journal titled “Green Supply Chain Management in Selected Manufacturing Industries of Shivamogga District: A Structural Equation Modelling Approach.”

- Dr. Vikram V published a case study titled “Harnessing the Solar Energy in Small Scale Industry – A Case Study of Jayadeva Rice Mill, Shivamogga, Karnataka” in Case Pedia, published by Dr. D. Y. Patil B-School, Pune.
- Dr. Vikram V published a research article titled “A Study on Startup Companies and the Challenges Faced in Bengaluru City” in the JJEM, JNNCE.
- Dr. Subhadra P. S. published an article titled “Antecedents of Eustress and its Impact on Job Satisfaction and Work-life Balance among Doctors” in TPM: Testing, Psychometrics, Methodology in Applied Psychology, ((Scopus Q3) 32(S9). ISSN: 1972-6325.
- Dr. Subhadra P. S. published an article titled, “Emotional Intelligence and Work-Life Balance as Determinants of Employee Performance and Well-being: Mediating and Moderating effects in the Indian Banking Industry in TPM: Testing, Psychometrics, Methodology in Applied Psychology, 32(S9), 858–871.(Scopus Q3)
- Dr. K. R. S. Sharma published a research paper titled “Impact of UPI Digital Payment Services in the Karnataka State Road Transport Corporation: For Promoting Sustainable Development Goals (SDGs)” in the Poornaprajna International Journal of Management, Education & Social Science (PIJMESS), Vol. 2, No. 2, July–December 2025

Papers Presented

- Dr Santosha presented two research papers titled “Technological Advancements in Farmers Association: An Analytical Study on Outcomes and Management Benefits” and titled “E-Commerce Logistics: A Review of Challenges and Solutions” at the International Conference on Technology for Sustainable Management Practices (ICTSMP), organized by the Department of Management Studies, St. Joseph Engineering College, Mangaluru, on 28/11/2025.

Books Authored

- Dr. Vikram V presented and published two papers in the conference proceedings of Jain College of Engineering, Belagavi, namely “Enhancing Management Education Through Industry–Institute Collaboration” and “Artificial Intelligence and Transformation in the Banking Industry.”
- Dr. Vikram V published a monograph titled “Logistics & Supply Chain Management”
- Dr. Harsha C. Mathad authored the textbook "Business Data Analysis" (ISBN: 978-93-481-3738-8), published by Sunstar Publisher.
- Dr. Harsha C. Mathad authored the textbook "Data Analysis for Business Decisions" (ISBN: 978-93-481-3763-0), published by Sunstar Publisher.
- Dr. Srinivasa Murthy B. V. authored the textbook "Entrepreneurship Development" (ISBN: 978-93-5457-565), published by Vinayaka.
- Dr. Subhadra P. S. authored the textbook "Global Human Resource Management" (ISBN: 978-81-955508-5-2), published by Adwaya Publications.

Certifications

- Dr. Santhosha successfully completed the NPTEL course "Research for Marketing Decision" conducted from 18/08/2025 to 10/10/2025.
- Dr. Vikrama D. K. successfully completed the NPTEL course "Retail Marketing Strategy" conducted from 21/07/2025 to 12/09/2025.
- Dr. Vikrama D. K. successfully completed the NPTEL course "Brand Management" conducted from 21/07/2025 to 12/09/2025.
- Dr. Sharma K. R. S. successfully completed the NPTEL course "Project Selection and Finance for Professionals" 21/07/2025 to 12/09/2025.
- Ms. Divya S. P. successfully completed the NPTEL course "Digital Marketing" 21/07/2025 to 12/10/2025.
- Dr. Sharma K. R. S. successfully completed the NPTEL course "Fintech: Foundation and Applications" conducted from 15 July 2025 to 31 October 2025.
- Ms. Divya S. P. successfully completed the NPTEL course "Soft Skills" from 21/07/2025 to 12/10/2025
- Dr. Vikrama V. successfully completed the NPTEL course "Managing Services" conducted from 21/07/2025 to 12/10/2025.
- Dr. Srinivasa Murthy B. V. successfully completed the NEP 2020 Orientation & Sensitization Programme under the Malaviya Mission Teacher Training Programme, conducted from 21/07/2025 to 12/10/2025.
- Dr. Vikram V successfully completed two NPTEL certification course on AI in Marketing and Managing Services 21/07/2025 to 12/10/2025.
- Dr. Vikram V successfully completed two NPTEL certification course on Power BI 21/07/2025 to 12/10/2025.

Grants Received

- Ms Divya S P received Rs 30,000=00 research grant from NEW Gen IEDC for additional projects.

Faculty Development Programmes, Workshops and Training Programmes

- Dr. G. P. Nagesh participated in a one-day Awareness Workshop on “Incubation” organized by the Industries and Commerce Department, District Industries Centre, Shivamogga, and KCTU, Bengaluru, in association with JNNCE, Shivamogga, on 28/10/2025.
- Dr. G. P. Nagesh participated in a five-day online Faculty Development Program on “Research Methodology and Classroom Management” organized by GFGC, T. Dasarahalli, Bengaluru, from 28/07/2025 to 01/08/2025.
- Dr. G. P. Nagesh participated in the Faculty Development Program on “NEP 2020 Orientation and Sensitization Programme” under the Malaviya Mission Teacher Training Programme, organized in association with Sri Guru Tegh Bahadur Khalsa College, University of Delhi, from 17/06/2025 to 27/06/2025.
- Ms. Divya S. P. participated in an FDP on "Research Methodology" organized by NTTTF from 15/12/2025 to 19/12/2025. The programme focused on research design, data collection methods, and academic writing.

- Mr. Praveen Kumar B. H. participated in an FDP on "Bridging Paradigms: Global Training on Mixed Methods", organized by Standard College, Manipur, and Imphal College, Manipur, from 20/11/2025 to 03/12/2025. The programme provided training in integrating qualitative and quantitative research methods.
- Dr. Vikrama V. attended the Leadership Seminar titled "Career Building Strategies" held in the MBA Seminar Hall on 06/11/2025. The seminar provided valuable insights into career planning, skill development, and professional growth.
- Dr. G. P. Nagesh participated in a one-day awareness workshop on "Incubation under Raising and Accelerating MSME Performance (RAMP) Scheme" organized at JNNCE, Shivamogga, on 28/10/2025. The workshop highlighted opportunities for entrepreneurship, innovation, and MSME development.
- Dr. Vikrama V. attended the Guest Lecture Series "Leaders' Connect: Inspiring Minds" held at JNNCE on 25/10/2025. The session provided exposure to leadership experiences and professional success stories.
- Dr. Sharma K. R. S. participated in an FDP on "Nurturing Futuristic Academic Excellence: Enhancing Abilities in Data Analysis, Literature Review and Research Design" conducted online from 01/09/2025 to 05/09/2025. The programme strengthened research and analytical competencies.
- Dr. Sharma K. R. S. participated in an FDP on "Application of Advanced Technologies in Business Decisions" conducted online from 01/09/2025 to 03/09/2025. The programme explored the use of emerging technologies in managerial decision-making.
- Dr. G. P. Nagesh participated in an FDP on "Project Writing for Grants, How to Write a Project, Applying for Grants, and Research Paper Writing" organized by the Research Foundation of India from 28/07/2025 to 29/07/2025. The programme focused on developing effective grant proposals and research publications.
- Dr. G. P. Nagesh participated in an FDP on "Research Methodology and Classroom Management" organized by GFGC, T. Dasarahalli, from 28/07/2025 to 01/08/2025. The programme addressed research skills and effective classroom management practices.
- Dr. Vikrama V. and Dr. Vikrama D. K. participated in the FDP on "Microsoft Power BI Data Analyst Associate" conducted at JNNCE, Shivamogga, from 21/07/2025 to 25/07/2025. The programme enhanced participants' data visualization and business analytics skills using Power BI.
- Dr. Vikrama D. K. successfully completed the online course "Retail Marketing Strategy" conducted from 21/07/2025 to 12/09/2025. The course focused on retail marketing concepts, strategies, and customer engagement practices.
- Dr. Vikrama D. K. successfully completed the 8-Week FDP on "Brand Management" conducted online from 21/07/2025 to 12/09/2025.

- Dr. Vikrama D. K. successfully completed the online course "Foundation of Digital Business" conducted from 21/07/2025 to 12/09/2025. The course covered digital business models and technology-driven business transformation.
- Dr. Sharma K. R. S. attended the webinar on "Expert Strategies for Successful Publishing" conducted online on 28/06/2025.
- Dr. G. P. Nagesh participated in the FDP on "Research Paper Writing and Publishing" organized by GFGC, Soraba, on 25/06/2025.
- Dr. Vikrama D. K. participated in an FDP on "Application Development with AI and Essential Skills" organized by Ballari Institute of Technology and Management from 23/06/2025 to 27/06/2025.
- Dr. Vikrama V., Mr. Praveen Kumar B. H., Dr. G. P. Nagesh, Dr. Sharma K. R. S., Dr. Harsha C. Mathad, Dr. Subhadra P. S., Dr. Santhosha, and Dr. Srikant C. successfully completed the NEP 2020 Orientation and Sensitization Programme under the Malaviya Mission Teacher Training Programme (MMTTP) conducted from 17/06/2025 to 27/06/2025.

Patent Availed

- Dr. Vikram V obtained a UK Patent titled “Blockchain-Integrated Secure Financial Transaction Processing Device,” demonstrating his contribution to innovation in financial technology.

Outward Interactions

- Dr. Vikram V served as a reviewer for 12 research articles in reputed journals, including Advances in Research, Journal of Scientific Research and Reports, Asian Journal of Agricultural Extension, Economics & Sociology, and South Asian Journal of Social Studies and Economics.
- Dr. Vikram V contributed as a question paper setter for Ramaiah University, Bengaluru; BIET Davanagere; VTU Belagavi; and Dayananda Sagar College, Bengaluru, among others.
- Dr. G. P. Nagesh was inducted as an Editorial Board Member of the Sahyadri Journal of Commerce and Management from June 2025.
- Dr. K. R. S. Sharma continued to serve as a Member of the Board of Examiners (BOE) of Visvesvaraya Technological University (VTU) during the academic year 2025–2026.
- Invited Talk by 17.10.2025 Alumni Chandana U R, on “Issues and Challenges in Construction Industry: HR Perspectives” was delivered and Dr Subhadra P S coordinated the programme.

Photo Gallery



First Year MBA Orientation Program



One-Day Workshop on “Pitch Craft – Digital Marketing in association with One Click Academy on 07.10.2025



Student Development Programme on “Mastering the Mind and Academic Excellence” on 16/10/2025



An Exclusive Fitness Club for Girl Students was inaugurated on 30/10/2025



Celebration of World Entrepreneurs’ Day





International Day Against Drug Abuse and Illicit Trafficking was held on 26/06/2025

Photo Gallery



The Department organised an Industrial Tour to Press Houses – Vijaya Vani & Vijaya Karnataka on 11/09/2025 and 12/09/2025.





Students in Outbound Training Activity

Department of Master of Computer Applications (MCA)

Publications

- Santosh SG, Sridhara Acharya P, Sampath Kumar S, Rechal," Enhancing Machine Learning Methods for Robust Real-Time Text Classification of Bilingual Documents" IJIRT, PNO:42-48 V.NO 3 29-07-2025, UGC care.
- Santosh SG, Diwakar Vasuman M S, Sridhara Acharya, Gunav S, Ramet Meena," Optimization & Performance Analysis of the Minimum Cost Parent Selection Algorithm, Fuzzy-Based Dynamic Slot Allocation, Emergency Slot Handling Method, and Interference Reduction-Based Channel Access Method of IoT-Integrated Wireless Body Area Networks for Healthcare Systems" IJIRT, PNO: 3676-3691, V.NO 2, 24-07-2025, UGC care.
- Arunkumar KL, Dr. Poornima KM, Dr. Ajit Danti, Manjunatha HT "Vehicle Recognition on Indian Roads using Data Augmentation and VGG-16 Model" Year:2025, Journal: IJEECS (Q3), Status: Published.

Events held in the Departement

- Our students showcased their innovative projects in the IOT Project Exhibition held on 09-07-2025. Coordinated by Mr. Adarsh MJ, Assistant Professor & Mr. Arunkumar KL, Assistant Professor The exhibition served as a platform for students to present their creative ideas, technical skills, and problem-solving approaches.
- A technical talk was delivered by Mr. Shadab Pasha on "AI Future: Applications of AI" on 28-07-2025 The session highlighted emerging trends, practical applications, and the transformative impact of Artificial Intelligence across various domains. The event was coordinated by Mr. Manjunatha H.T, Assistant Professor, exclusively for the 2nd Semester MCA students.
- The Forum Valedictory Function was held on 07- 08-2025 in the presence of students and dignitaries. The event marked the successful conclusion of the forum activities for the academic year
- The Department organized an MCA Orientation Program for first-semester students on 17 November 2025 (Monday) at the MCA-MBA Auditorium. The programme aimed to familiarize the students with the academic curriculum, institutional facilities, departmental activities, and opportunities available during their course of study.

Technical Talk

- Mr. Arun Kumar K. L. delivered an Expert Talk on "Heritage in Young Hands: Youth as Brand Ambassadors of Ayurveda" at Bapuji Ayurvedic Medical College and Hospital, Shimoga, on 15 November 2025.
- Mr. Arun Kumar K. L. delivered an expert talk on "Innovation and Entrepreneurship for Students" during the BE Induction Program 2025 at Jawaharlal Nehru National College of Engineering on 15 September 2025.

Workshops / Webinars / FDPs Attended

- Mr. Prashant Ankalkoti has attended FDP on “The AI frontier: LLM's, Ethics and Innovation” conducted by SJCIT - ATAL, Bengaluru from 15-12-2025 to 20-12-2025.
- Mr. Prashant Ankalkoti has attended FDP on “INCUBATION AWARENESS (RAMP)”, conducted by JNNCE, Shivamogga from 28-10-2025 to 28-10-2025.
- Mr. Prashant Ankalkoti completed the HP LIFE online course “Professional Networking for Career Growth” on 20 Dec 2025.

Books

- Mr. Prashant Ankalkoti, Assistant Professor, Department of MCA, J N N College of Engineering, Shivamogga, authored the book “BIG DATA ANALYTICS” published by Alpha International Publication on September 1, 2025.

Photo Gallery



Our students showcased their work in the project exhibition held on 09-07-2025



A technical talk delivered by Mr. Shadab Pasha on “AI Future: Applications of AI” on 28-07-2025



Students and dignitaries at the Forum Valedictory Function held on 07-08-2025



Dignitaries, faculty members, and invited guests at the inaugural session of the First Year MCA Orientation Programme 2025, held at JNNCE

Library & Information Centre - JNNCE

New Books Inclusions to the Library Meanwhile July-December-2025

Sl. No.	Subjects	Titles	Copies	Total Cost
1	AIML	3	12	29920
2	BE Robotics and Artificial Intelligence	9	105	123665
4	Computer science and Engineering	7	433	349700
5	Electrical and Electronics	6	65	102425
6	Electronics and Communication	10	194	186535
8	Information Science and Engineering	6	95	93265
9	MCA	5	25	22285
Total		**46**	**929**	**907795**

NPTEL Performance During In The July-December-2025

Sl. No.	Department	Course Enroll	Exam Reg	Certificate
1	Civil Engineering.	44	10	8
2	Mechanical Engineering.	117	31	14
3	Electrical Engineering.	97	20	13
4	Electronics and Communication Engineering.	997	294	153
5	Telecommunication Engineering	28	15	10
6	Computer Science and Engineering.	1004	305	176
7	AI Engineering	57	42	27
8	Robotics Engineering	12	30	23
8	Information Science and Engineering.	141	51	27
9	MBA.	399	156	125
10	MCA.	70	46	15
11	Mathematics.	2	1	1
12	Physics.	6	1	0
13	Data science	39	22	21
14	Chemistry	2	1	0
Total		**3015**	**1025**	**613**

Certificate Grades

Gold	Silver	Elite	Pass	Total
23	76	250	264	**613**

College rating in NPTEL performance during in the June -December-2025 is as follows.

- Sixth place in Karnataka out of 360+ different cadres of colleges.
- All India ranking is 82 out of 3750+Colleges.

Photo Gallery



Celebrated Librarians day on 12th of August-2025, In the Library and Information Center-JNNCE, for the memory of Dr. S R Ranganathan, who is the father of library science



Book Designed by : Avinash A R, Member, JNNCE Newsletter Committee, Department of Mechanical Engineering, JNNCE