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#### website: https://rljit.in



# **e-saadhana**

Quarterly e-News Letter Volume-5, Jan-Mar 2025

#### VISION

"To be a premier institution by imparting Quality in Technical Education, Professional Training and Research".

#### M1:Mission

"To provide an outstanding Teaching, Learning and Research environment through Innovative Practices in Quality Education".

#### M2: Mission

"To develop Leaders with high level of Professionalism to have a career in the Industry, Zeal for Higher Education, focus on Entrepreneurial and Soceital activities ".





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### **COURSES OFFERED**

#### **UG Programmes**

Computer Science and Engineering

CSE(Artificial Intelligence and Machine Learning)

CSE(Data Science)

CSE (Cyber Security)

**Electronics and Communication Engineering** 

Mechanical Engineering

#### PG Programmes

M.Tech (Computer Science and Engineering)

Master of Business Administration (MBA)

#### **Doctoral Programmes**

Computer Science and Engineering

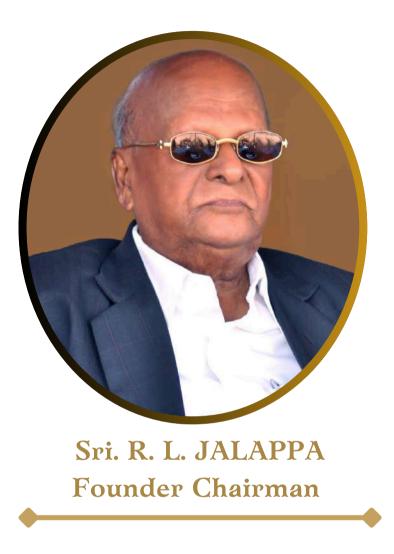
Electronics and Communication Engineering

Mechanical Engineering



# **R. L. JALAPPA INSTITUTE OF TECHNOLOGY**

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R. L. Jalappa was a visionary educationist, politician, and social worker who founded the Sri Devaraj Urs Educational Trust (SDUET) in 1986 to support the people of Kolar, particularly those from backward classes. The SDUET offers education from kindergarten to post-doctoral levels. An outspoken politician, Jalappa was a member of the Indian National Congress. He also led the cooperative movement, promoting agricultural, horticultural, and dairy farming. In 2001, he founded the R. L. Jalappa Institute of Technology (RLJIT) in Doddaballapur, affiliated with Visvesvaraya Technological University, Belagavi. His contributions to education and social welfare remain significant.





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## From the Management's Desk



"Publishing of a quarterly e-news letter to have the information from all the Departments and the institution is a unique initiative. I appreciate the efforts of the concerned HoDs, staff and the Principal, R L Jalappa Institute of Technology in bringing out the e-news letter."

- Sri G H Nagaraj, Chairman

Sri G H Nagaraj Chairman

"It is indeed a great pleasure that R. L. Jalappa Institute of Technology, Doddaballapur, is bringing out a quarterly e-news letter highliting the academic, research and other activities of the Departments. I would like to congratulate the Principal , all HODs and concerned staff who are involved in this good initiative."

- Sri J Rajendra, Vice Chairman



Sri J Rajendra Vice Chairman



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#### From the Management's Desk



Sri Hanumantha Raju Secretary "I am very happy to know that R. L. Jalappa Institute of Technology is publishing quarterly e-news letter covering the news of Academic, and other activities of Research the Departments. I take this opportunity to congratulate the Principal, all HoDs and concerned staff who are involved in this good initiative. I appreciate the e-News Letter Team for their wonderful initiative.".

-Sri Hanumantha Raju , Secretary

#### Dear Readers,

I am delighted to share this quarter's magazine, highlighting our team's achievements and milestones. It reflects our dedication, creativity, and vision for the future. Thank you to everyone who contributed. Let's continue to innovate and aim higher together.

-Sri J Nagendra Swamy, CEO



Sri J Nagendra Swamy CEO



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### From the Principal's Desk

Dear Students, Faculty, and Readers,

It is my privilege to share my thoughts through this edition of our college magazine, a reflection of the creativity, talent, and achievements of the RLJIT family.

At RLJIT, we strive for excellence, fostering innovation and holistic growth to shape individuals ready to contribute meaningfully to society. This magazine stands as a testament to our collective journey and vibrant community spirit.

I extend my heartfelt congratulations to the editorial team for their efforts and wish everyone success in all their endeavors.



Dr. P Vijayakarthik Principal

- Dr. P. Vijayakarthik, Principal



Dr. Shiva Prasad K M Vice Principal

I am very proud to share that we have conducted lot of successful events and initiatives over the past few months. I am proud of the work that our community has accomplished by bringing the news letter and the positive impact we have had. Keep up the good work.

Our Institution is having the excellence track of the results and success streak of the placements in reputed MNCs. It is a place of advancing knowledge and transforming lives with affordable fee structure with quality education with good infrastructure for better living, pollution free environment with lavish green campus.

- Dr. Shiva Prasad K M, Vice Principal



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### From the Director's Desk

As a Director for HRM, I am excited to announce the launch of our e-newsletter, which will provide students with valuable information and resources related to career development and job search strategies.

I encourage you to stay engaged with your college's career services office and to take an active role in your own career development. With hard work and dedication, you can position yourself for success in your chosen field.



Prof. N S Babu Reddy Director, HRM

- Prof. N S Babu Reddy Director, HRM



Dr. Sreenivasa Reddy Director, Quality in Academics and R&D

It is indeed my great pleasure and privilege to share that our Institution is bringing out "e-Sadhana" a periodical news bulletin which showcases the achievements of the faculty members and encapsulated excellence / talent of the young minds. It is quite enthralling to make a note that, a numerous value based activities have been found very significant throughout in attaining pinnacle of perfection and professionalism in all the aspects.

Hearty congratulations to the editor in chief and editorial team for their determined efforts in bringing out this in a short stint of time.

-Dr.Sreenivasa Reddy, Director (Quality in Academics and R&D



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Sankranti was celebrated with joy and enthusiasm at RLJIT. Students and staff came together to embrace the festive spirit, reflecting cultural unity and togetherness on campus. The celebration created a warm and cheerful atmosphere, fostering a sense of community. Everyone enjoyed being part of the traditional festivities, making it a memorable occasion for all.





Republic Day was celebrated with great enthusiasm at R. L. Jalappa Institute of Technology. The event featured the flag hoisting, march-past by students, and cultural performances. Faculty, staff, and students actively participated, reflecting unity and patriotism throughout the celebration.



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The VTU LIC inspection was successfully conducted, showcasing excellent teamwork and coordination among all departments. Every member played their role diligently, and a strong sense of unity was evident throughout the institution. The LIC inspection committee appreciated the efforts of the staff, as well as the well-maintained infrastructure and facilities available on the campus.

#### **Pool Campus Drive**





A pool campus drive was held at R. L. Jalappa Institute of Technology on 14th February 2025, with students from various colleges actively participating. The drive provided a valuable platform for aspiring graduates to connect with reputed companies and explore career opportunities. Multiple rounds including aptitude tests, group discussions, and personal interviews were conducted as part of the recruitment process. The event was well-organized, and several students received placement offers.



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#### FACULTY DEVELOPMENT PROGRAM

A Faculty Development Program on 'The Art of Teaching' was conducted by Dr. B. Ramesh, Associate Director at SIVA Academy. The session focused on innovative teaching methodologies, effective classroom engagement strategies, and the role of empathy and communication in education. Faculty members found the session highly insightful, as it emphasized the importance of continuous learning and adapting to the evolving needs of students. The interactive nature of the program encouraged active participation and reflection on teaching practices.









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### **Session on Body Language for Professionals**







A session on 'Body Language for Professionals' was conducted by Dr. P. Vijayakarthik, Principal, for all faculty members. The session focused on the importance of non-verbal communication in professional settings, including posture, gestures, eye contact, and facial expressions. Faculty members gained valuable insights into how effective body language can enhance classroom engagement, leadership presence, and interpersonal communication. The session was interactive and well-received, fostering greater selfawareness and confidence among participants.



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#### **Orientation Program**



An orientation program for newly joined faculty members was conducted under the guidance of Dr. P. Vijayakarthik, Principal; Dr. Shiva Prasad K. M.; and Dr. Sreenivasa Reddy, Director – Quality in Academics and R&D. The program aimed to familiarize new faculty with the institution's vision, academic policies, teaching methodologies, and research opportunities. It also served as a platform to encourage collaboration, professional growth, and a commitment to academic excellence.



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#### **Management Development Program**







A Management Development Program (MDP) was conducted for faculty members, led by the esteemed resource person Group Captain Nikhil Verma (Retd.), Indian Air Force. The program focused on enhancing leadership skills, strategic thinking, and professional development. Various engaging activities and interactive sessions were organized as part of the program, encouraging teamwork, discipline, and effective communication. The session was both insightful and inspiring, leaving a lasting impact on all participants.



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#### Academic Leadership Training Program

A team of senior faculty members from our institution participated in the Academic Leadership Training Program held at the BOSCH campus in Bengaluru. The attendees included Dr. P. Vijayakarthik (Principal), Dr. Shiva Prasad K. M. (Vice Principal), Dr. Anil Kumar C. (HoD, ECE), Dr. Manjunatha B. N. (HoD, CSE - AIML), Mrs. Meenakshi (HoD, Allied Sciences), and Ms. Lavanya Vaishnavi (Assistant Professor, Department of ECE). The program focused on enhancing leadership skills and fostering academic excellence.



#### **Outcome-Based Education**

An Awareness Workshop on Outcome-Based Education and Accreditation for Engineering Colleges in Karnataka was jointly organized by NBA, New Delhi; VTU, Belagavi; and MSRUAS, Bengaluru, on 22<sup>nd</sup> March at MSR Medical College, Bengaluru. Attendees from our institution included Dr. Hanumanthe Gowda (NBA Coordinator, Department of Mechanical Engineering), Dr. Anil Kumar C. (HoD, ECE), Dr. Manjunatha B. N. (HoD, CSE – AIML), Dr. Sunil Kumar R. M. (HoD, CSE), and Ms. Lavanya Vaishnavi (Assistant Professor, Department of ECE).



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#### Marathon





Faculty members and students actively participated in the 'Drug-Free Karnataka' 5K Marathon held at Presidency University, Rajanakunte. The event aimed to raise awareness about the harmful effects of drug abuse and promote a healthy, drug-free lifestyle among youth and the community. The enthusiastic participation reflected their commitment to supporting social causes and leading by example

#### Hands-on session on ERP



Mrs. Hemapriya B.C., Assistant Professor in the Department of CSE, conducted a hands-on session on ERP (Enterprise Resource Planning). The session was well-received, with 55 faculty members actively participating. The workshop aimed to provide practical insights into ERP systems and their applications in academic and administrative environments.



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#### **Women's Day Celebration**



Women's Day was celebrated at R. L. Jalappa Institute of Technology with great enthusiasm and participation. As part of the celebrations, special events such as a badminton tournament and a vibrant rangoli competition were organized exclusively for women staffs. The activities aimed to celebrate the spirit, strength, and creativity of women, while also promoting camaraderie and fun."



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### **Staff Wellness Club**





The Staff Wellness Club at R. L. Jalappa Institute of Technology has been actively organizing events to promote health, fitness, and well-being among staff members. Under the coordination of Mr. Siva Raghavendra K, various activities have been conducted to encourage a healthy work-life balance. One such event conducted was the Cycling, Yoga, and Meditation Program.



A cricket tournament was organized under the theme "From the Desk to the Pitch – Let's Play!" to promote physical fitness, teamwork, and stress relief.



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# **DEPARTMENT OF CSE**

#### STUDENT DEVELOPMENT PROGRAMME



The Department of CSE, in association with the Department of MBA, organized a Start-up Day on March 11<sup>th</sup> 2025. The event provided CSE students with a platform to showcase their entrepreneurial ideas and innovative business models. It was graced by the esteemed guest Mr. Deepak C., a renowned expert in the start-up ecosystem, who shared valuable insights and experiences.

The Department of Computer Science and Engineering, in collaboration with the Placement Department, successfully conducted a one-day workshop on Generative Al on March 12<sup>th</sup> 2025, led by resource person Mr. Mallikarjun, Technical Trainer, to introduce students to the fundamentals, applications, and career opportunities in the field.







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The Department of Computer Science, in collaboration with the Placement Training Department, successfully organized a two-day workshop on Artificial Intelligence exclusively for girl students. This initiative was conducted as part of the Women's Day celebrations, with expert training provided by Intel to support the career development of young women in the field of technology. The trainers for the workshop were Mr. Dharneesh Pedamallu and Mr. K. Puri Manjunath from DIYA Labs.



The CSE Hub, an initiative by the Departments of CSE, Data Science, and AI-ML, organized a poster presentation competition for the students of RLJIT on March 11<sup>th</sup>, 2025. A total of 34 teams from various departments actively participated and showcased their ideas on recent trends in Engineering and allied domains. The competition was evaluated by Dr. M. Sreenivasa Reddy (Director – Academics and R&D), Dr. Shivaprasad K. M. (Professor & Vice Principal), Dr. Anilkumar C. (Associate Professor & Head, Dept. of ECE), and Dr. Kavitha C. (Professor, Dept. of CSE). The top two winning teams were awarded cash prizes.



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#### **FACULTY ACHIEVEMENTS**

(12) PATENT APPLICAT (19) INDIA	ION PUBLICATION	(21) Application No. 2025/000578 A (47) Publication Date: 3181/2025			
(22) Date of filing of Appl	otka: 23.00.0525				
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Dr. Kavitha C published a patent titled 'System and Method for Optimized Data Mining Using Machine Learning' in the Indian Patent Office Journal dated 31-01-2025.

- Dr. Kavitha C has published a paper in a Q3 journal titled 'Optimizing Wireless Sensor Networks with Machine Learning-Based Predictive Maintenance.
- Dr. Kavitha C filed a patent entitled 'Machine Learning-Based System and Method for Personalized Cancer Treatment' at the Indian Patent Office, Chennai.
- Dr. Kavitha C has published an IEEE conference paper on 'Optimized Power Reduction in Automation Industries and Home Applications Using Intensity and Brightness Control.



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## PATENTS FILED



- Dr.Varalakshmi K R, Dr.Murthy D H R, Dr.Karthik B U, Ms.M S Rekha and Ms.Veena K has filed a Indian Design Patent titled "Smart Robot for Warehouse Automation and Logistics" has been filed with Application Number:444398-001is accepted.
- Dr. Varalakshmi K R has filed a Indian Design Patent titled "DIGITAL COMMUNICATION DEVICE FOR NON-VERBAL USERS" has been filed with Application Number:452983-001.



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Ms. Rekha M. S. participated in the Personality Development Program on "Body Language for Professionals" organized by the Department of MBA, R L Jalappa Institute of Technology, Doddaballapur, on March 7th, 2025, and received a certificate of participation.

130.		Website www.kscstorg.in, https://kscst.k 48 <sup>th</sup> series of Stud	e of Scienc amataka.gov.t lent Pro Project Pro	re Campus, Ben I Email: spo@kscst ject Progra oposals Approv	galuru – 560 012 .org.in   Tet 000-2334 1652,23 mme (SPP): 2024 ed for Sponsorship	34 8848/49/40		
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1212	485_BE_1999	DISTRACTED DRIVER DETECTION USING AI	8.E.	COMPUTER SCIENCE AND ENGINEERING	Ms. M S REKHA Dr. SUNIL KUMAR R M	Ms. P.KEERTHANA Ms. O.LIKHITHA Ms. P.VISHNU PRIYA	4,000.00	

Final year CSE students Ms. Keerthana, Ms. O. Likitha, and Ms. Vishnu Priya had their project titled "Distracted Driver Detection using Al" selected for the 48th series of the KSCST Student Project Programme (2024–25). The project has been approved with a grant of ₹4,000 to the institution, under the guidance of Ms. M. S. Rekha, Assistant Professor, Department of Computer Science and Engineering. The Management and Principal appreciated the students and their faculty mentor for securing the funding and for their dedicated efforts in contributing a meaningful project as part of their final year. They also congratulated the entire team on this commendable achievement.



Ms. M. S. Rekha handled the Operating Systems subject in the third semester. Hemanth Mardi of IV Semester, A Section, secured 96 marks and emerged as the subject topper. In the presence of the Head of the Department and the subject faculty in-charge, Ms. M. S. Rekha appreciated him with a cash prize and a small token of appreciation for his outstanding achievement in the subject during the IV Semester.



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The student Named Dhanush Royal, Saniya and Akhila M achieved 90 marks as second subject toppers in the Operating systems subject.they received small token of appreciation.







#### **STUDENTS ACHIEVEMENTS**



The students Abhishek Gowda D S and K Vinay Kumar got a cash price for best Innovative idea presentation.



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# DEPARTMENT OF CSE(AI & ML) MINI-PROJECT EXPO

The Mini-Project Expo, organized by the CSE(AI-ML) Department, was held on 12/3/2025, showcasing the innovative projects and research conducted by the students in the field of Artificial Intelligence and Machine Learning. The event provided a platform for students to demonstrate their understanding and practical application of various CSE(AI-ML) concepts, tools, and techniques. The Expo aimed to highlight the creativity, skills, and depth of knowledge acquired by the participants in these rapidly evolving fields.











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# DEPARTMENT OF CSE(AI & ML)

Students from the AI-ML department actively participated in the VTU Fest held at Global Academy of Technology from 24<sup>th</sup> March to 26<sup>th</sup> March. The event featured a wide range of technical, cultural, and sports competitions, providing students with an excellent platform to showcase their talents beyond academics. AI-ML students took part in various events such as coding challenges, hackathons, dance, music, and debate competitions. Their enthusiastic participation and team spirit were commendable, reflecting the department's commitment to holistic development and extracurricular excellence.











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### FACULTY DEVELOPMENT PROGRAMME

- Dr. Manjunatha B N participated in a two-day workshop on the Prathama Academic Leadership Program by Bosch at Electronic City, attended a one-day NBA Awareness Workshop on Outcome-Based Education and Accreditation at MSRIT, and presented a paper at the International Conference on Intelligent Systems & Computational Networks organized by Lingarajappa Engineering College, Bidar.
- Mrs. Anupriya A G and Ms. Nidhi Singh M., Assistant Professor, Department of CSE (AI & ML), Attended 3 days Machine Learning Workshop at Manipal Academy of Higher Education
- Mrs. Rekha K P, Assistant Professor Attended 3 days Generative AI, FDP at Sai Vidya Institute of Technology



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### **STUDENT ACHIVEMENTS**

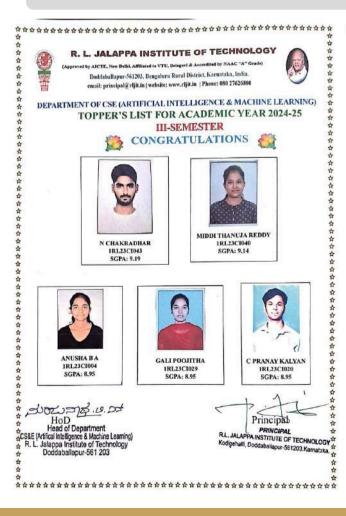
#### 1st Place

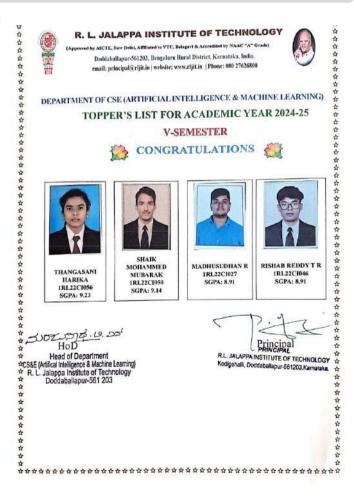
Project Title: AirCommand – Control Your World with Hand Gestures Team Members: Madhusudhan R, Boby Mondal, Syed Fouzan, Shaik Mubarak

2nd Place Project Title: Real-time Multiple Object Detection Team Members: Johnson J W, Sai Pawan R S, Pawan S S, Kaushik

#### 3rd Place

Project Title: Ease – News Simplified with Ease (Smart News) Team Members: Nikitha, Prakruthi







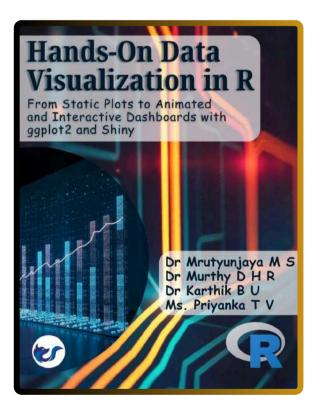
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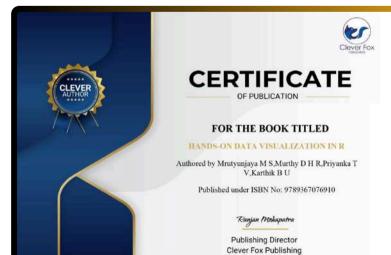


# **DEPARTMENT OF CSE(DATA SCIENCE)**

Dr. Mrutyunjaya M. S., Associate Professor and Head of the Department (Data Science), Dr. Murthy D. H. R., Associate Professor and Head of the Department (Cyber Security), Dr. Karthik B. U., Assistant Professor (Data Science), and Ms. Priyanka T. V., Assistant Professor (Data Science), have coauthored the book "Hands-on Data Visualization in R," published in February 2025.









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### FACULTY DEVELOPMENT PROGRAMME

- Dr. Mrutyunjaya M S, Associate Professor, and HoD attended the ATALsponsored Faculty Development Program (FDP) on "Mastering Data Visualization: A Hands-On Approach with Power BI," organized by Presidency University from January 20, 2025, to January 25, 2025.
- Dr. Karthik B U, Assistant Professor, attended the ATAL-sponsored Faculty Development Program (FDP) on "Mastering Data Visualization: A Hands-On Approach with Power BI," organized by Presidency University from January 20, 2025, to January 25, 2025.
- Ms. Priyanka T V, Assistant Professor, attended the ATAL-sponsored Faculty Development Program (FDP) on " Recent Trends in Artificial Intelligence and Quantum Computing," organized by st. Joseph's college of engineering and technology from February 03, 2025, to February 08, 2025.
- Mr. Siva Raghavendra K, Assistant Professor, attended the ATAL-sponsored Faculty Development Program (FDP) on "Mastering Data Visualization: A Hands-On Approach with Power BI," organized by Presidency University from January 20, 2025, to January 25, 2025.



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The Department of CSE (Data Science), in collaboration with CSE HUB, organized an event titled Gamers United and Ludo Mania on March 8, 2025. The event was a great success, with approximately 120 students participated in the event.



Mr. Yateesh kumar B S of 6<sup>th</sup> sem has participated in the VTU 24<sup>th</sup> State Youth Festival "Interact-2025", held at the Global Academy of Technology from 24-03-2025 to 27-03-2025.





# **R. L. JALAPPA INSTITUTE OF TECHNOLOGY**

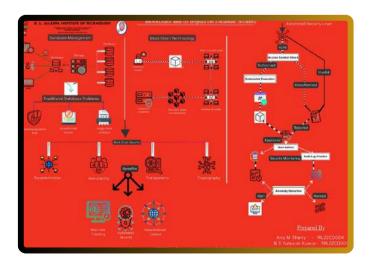
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 Mr. Kushal K R, Mr. Mohammed Kaif, and Ms. Bhoomika K R, from the 4th semester, participated in the Poster Presentation competition organized by CSE HUB, R. L. Jalappa Institute of technology on March 11, 2025.





 Ms. Anu M Shetty, Mr. Yateesh kumar B S and Mr. Likith Gowda H U from 6<sup>th</sup> Sem, participated in the Poster Presentation competition organized by CSE HUB,CSE HUB, R. L. Jalappa Institute of technology on March 11, 2025.







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# DEPARTMENT OF E&CE

### STUDENT DEVELOPMENT PROGRAM

Ms. Aarthi V and Ms. Lavanya Vaishnavi D.A., Assistant Professors from the Department of Electronics and Communication Engineering, along with a group of enthusiastic students, including Miss Bhumika B.K., Miss Keerthana, and Miss Nikitha R., attended the International Women's Day 2025 celebration at NITTE College, Yelahanka, Bengaluru. The event was organized by the Institution of Electronics and Telecommunication Engineers (IETE).







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#### FACULTY DEVELOPMENT PROGRAMME

 Dr. Anil Kumar C, Head of the Department of ECE, and Ms. Lavanya Vaishnavi D A, Assistant Professor in the Department of ECE, attended the "Academic Leadership Program" on 31<sup>st</sup> January 2025 and 1<sup>st</sup> February 2025, organized by Bosch Tech Bites at the Bosch Global Learning Campus.



 Mrs. Lavanya Vaishnavi D A, Assistant Professor in the Department of ECE, attended a workshop on Outcome-Based Education and Accreditation at Ramaiah University of Applied Sciences, organized by the National Board of Accreditation and VTU.





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### FACULTY ACHIEVEMENTS

- Dr. Anil Kumar C, Professor and HoD, Dr. Harish S, Associate Professor, Ms. Lavanya Vaishnavi D A, Assistant Professor and Mrs. Jyothi H R Assistant Professor, attended an FDP on "AI and Security: Current Trends and Future Research" from 20th January to 25th January 2025.
- Dr. Anil Kumar C, Professor and HoD Dr. Harish S Associate Professor, Dr. Madhuchandra G Assistant Professor, Mr. Vijay Kumar Assistant Professor, Mrs. Lavanya Vaishnavi D A Assistant Professor, and Mrs. Jyothi H R Assistant Professor attended an FDP on "Chip Design to Tapeout" from 3rd February to 8th February 2025.
- Dr. Anil Kumar C Professor and HoD, Department of ECE and Ms. Lavanya Vaishnavi D A Assistant professor have published a paper titled"Deep Learning –Based Approach for Early Detection of Osteoporosis Using X-ray Imaging",ISSN:1873-7056,Vol-2024,Issue:12
- Dr. Anil Kumar C Professor and HoD, Department of ECE has published a paper titled "Automated Glaucoma Detection via Deep Learning Approaches" ISSN:1873-7056,Vol-2024,Issue:1



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- ·Dr. Anil Kumar C Professor and HoD, Department of ECE and Dr. Harish S, Associate Professor Department of ECE served as session chair for International Conference on Smart Systems for Application in Electrical Sciences-205,held at SIT, Tumakuru on 21<sup>st</sup> and 22<sup>nd</sup> March 2025
- Dr. Anil Kumar C Professor and HoD, Department of ECE and Dr. Harish S, Associate Professor Department of ECE have been the reviewer for Asian Journal of research in computer science.
- Dr. Harish S, Associate Professor Department of ECE have been the reviewer in 2<sup>nd</sup> International conference on Knowledge Engineering and communication Systems held at SJCIT, Chikkaballpaur
- Mrs. Jyothi H R, Assistant Professor and Ms. Aarthi V Assistant Professor took membership in IETE
- ...Dr. Harish S, Associate Professor, Dr. Anil Kumar C, Professor and HoD, Ms. Lavanya Vaishnavi D A, Assistant Professor and Mrs. Jyothi H R, Assistant Professor took "Digital Design with Verilog" course in NPTEL.



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### **STUDENTS ACHIEVEMENTS**









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## **DEPARTMENT OF CYBER SECURITY**

## FACULTY ACHIEVEMENTS

#### **Journal Publications**

- 1. Murthy D H Ret.al., "Optimizing Polynomial and Regularization Techniques for Enhanced Housing Price Prediction Accuracy", Springer Nature, SN Computer Science, Volume 6, article number 96, January 2025.
- 2. Murthy D H R et.al., "Leveraging Enhanced PSO and Proving Random Forest's Dominance for Prediction of Lung Cancer Severity", Journal of Information Systems Engineering and Management, Vol. 10 No. 3 (2025),

#### **Book Publication**

Dr. Murthy D H R has authored a text book on "Hands-On data visualization in R" published by Clever Fox publication.



 Dr. Murthy D H R has successfully completed a training on "Fundamentals of Designing and Deploying Computer Networks offered by Internet Society.





d Alandar W., Ventworth and Chief Executive Officer



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• Dr. Murthy D H R has coauthored a design patent on "Smart Robot for Warehouse Automation and Logistics" and is accepted by IPR, Govt. of India.

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Design Application Deta	ails	
Application Number:	444398-001	
Cbr Number:	201103	
Cbr Date:	16/01/2025 17:41:52	
Applicant Name:	1. Dr. Varalakshmi K R	
	2. Dr. Murthy D H R	
	3. Dr. Karthik B U	
	4. Ms. M S Rekha	
	5. Ms. Veena K	
Design Application Stat	us	
Application Status:	Application Accepted, Certificate of Design not Generated.	
	Back	

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### DEPARTMENT OF MECHANICAL ENGINEERING

#### STUDENT DEVELOPMENT PROGRAMME

A one-day Awareness Program and Workshop on Energy Conservation and Renewable Energy was conducted, with Chief Guest Dr. S NagarajRao, Global Steel Project Consultant, on 25<sup>th</sup> January 2025.









## **R. L. JALAPPA INSTITUTE OF TECHNOLOGY**



### **PROJECT EXHIBITION**

A Project Exhibition was successfully conducted in the Department of Mechanical Engineering on January 6, 2025. The event showcased innovative projects by students, highlighting their creativity and technical expertise



### **STUDENTS ACHIVEMENTS**

- Swathi G, a 3rd-semester student, has excelled academically, securing the top position with an impressive CGPA of 9
- Vikas, a 3rd-semester student, has excelled academically, securing the 2<sup>nd</sup>top position with an impressive GPA of 8.7







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### **STUDENTS ACHIVEMENTS**

- Chethana K, a 5th-semester student, has excelled academically, securing the top position with an impressive CGPA of 8.8
- Praveen M H, a 5th-semester student, has excelled academically, securing the 2<sup>nd</sup>top position with an impressive CGPA of 8.6
- Naveen Kumar, a 7th-semester student, has excelled academically, securing the top position with an impressive CGPA of 8









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### FACULTY ACHIVEMENTS

#### Dr.M.Sreenivasa Reddy, Director - Quality in Academics and R&D

- Took part as Chief Guest and delivered a talk on Energy and its Future at Atria Institute of Technology, Bangalore. The program was sponsored by Karnataka Renewable Energy Development Limited (KREDL), Govt. of Karnataka.
- Participated in various programs on health, education and environment organised by Lions Club of Doddballapura R. L. Jalappa Institutions.
- Delivered a session on 28<sup>th</sup> February 2025 on the topic "Stepping Stones of Teaching" as part of Faculty orientation program for the newly joined faculty at our Institution.
- Delivered a session on "Attributes for an effective and successful learning" as part of the Induction program, Phase-2 for the students of II semester admitted for the academic year 2024-25.







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### Dr. Sunil Kumar K, Associate Professor and Head, Department of Mechanical Engineering

- Delivered a invited talk on" Importance of Education " for the 10<sup>th</sup>standard students at Basettihalli Government high school Doddaballapur Taluk on 14/01/2025.
- Delivered an talk in FDP, organized by department of mechanical engineering KNSIT on Innovative Teaching Learning tools for engineering in digital era" in Mechanical Engineering on 17/02/2025.
- Attended VTU Fest organized by Global Academy of Technology ,Bengaluru as a Team Manager and taken 34 students to participate in the fest on 24<sup>th</sup> to 27<sup>th</sup> march 2025

### Dr. Lokesh Yadav B.R Assistant Professor, Department of Mechanical Engineering

 Received letter of appreciation as a jury member at 78th BIS Foundation day





Bengaluru, Karnataka, India









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# **DEPARTMENT OF ALLIED SCIENCES**

#### Students' Carnival' conducted by BIS Bengaluru

As per the guidance of our Principal, The First year students represent our Institution in "Students' Carnival" conducted by BIS Bengaluru for celebration of the 78<sup>th</sup> Foundation Day of the Bureau of Indian Standards (BIS) which was organised at BMSIT, Yelahanka on 03/01/2025, Friday. Our students showcased their pre-works like banners, posters, projects, etc,. Along with that, they organised different events for students like best stall presentation, kite presentation, one minute talk on BIS, and some cultural events.









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### STUDENT DEVELOPMENT PROGRAMME

The Department of Allied Sciences organized a Student Development Programme on 6<sup>th</sup> January 2025, on the topic "Determining Microscopic order of Solids using X-rays and neutrons" for first year students. The Resource person of this SDP Session was Dr. Naveen Kumar C M, Institute of Nuclear Physics, Polish Academy of Sciences, Poland.





#### Awareness on VTU Examinations for first year students

The Department of Allied Sciences organized an awareness program on the VTU examination on 24<sup>th</sup> January 2025 for the first-year students. As a part of the program, higher semester students were given the opportunity to deliver a presentation on the session.







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#### INDUCTION PROGRAMME

The II phase of the induction for the II semester students was scheduled from 17<sup>th</sup> to 22<sup>nd</sup> March 2025.





### STUDENT ACHIEVEMENT

• Nischal Ram from second semester has secured first prize for solo classical singing in the inter College cultural fest organized by RC college, Bangalore.



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### FACULTY ACHIEVEMENTS

- Dr. Thirumalesh, Associate Professor, Department of Allied Sciences, completed a 20 days FDP on "Quantum Technologies and Applications (QT01)" organised by MNIT, Jaipur in association with Ministry of Electronics and Information Technology and IBM, from Feb 28<sup>th</sup> to March 22<sup>nd</sup>.
- Mr. Govindaraju K G, Assistant professor, Department of Allied Sciences has presented a paper titled "Polymers in Bio medical Application – A Review" at International Conference on Polymers for sustainable Development – 2025 in online mode, organised by the Department of Chemistry, JSS Academy of Technical Education, Bengaluru, on 7<sup>th</sup> Febraury 2025.
- Mr. Ashok A S, Assistant Professor, Department of Allied Sciences, has registered for Ph.D. under Bengaluru North University, Karnataka.
- Ms. Anusha K, Assistant Professor, Department of Allied Sciences, has cleared VTU- ETR for Admission to Ph.D programme-2024 under VTU Belagavi.



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- Ms. Anusha K., Assistant Professor, Department of Allied Sciences, has successfully completed the NPTEL online certification course titled "Matrix Analysis with Applications".
- Mrs. Sujatha V., Assistant Professor, Department of Allied Sciences, has successfully completed the NPTEL online certification course titled "Municipal Solid Waste Management".
- Mrs. Hemalatha B.R., Assistant Professor, Department of Allied Sciences, has successfully completed the NPTEL online certification course titled "Municipal Solid Waste Management".

#### FDP/Seminars/Workshops Attended

- Mrs. Hemalatha B R attended a 5-day FDP on "Emerging Topics in Applied Science" organized by Srinivas Institute of Technology, Valachil, Mangaluru, from 4<sup>th</sup> to 8<sup>th</sup> February 2025 in virtual mode.
- Mrs. Hemalatha B R attended a webinar on "Scientific Writing & Publishing by Springer Nature" conducted by Visvesvaraya Technological University on 19th February 2025 in virtual mode.
- Mrs. Hemalatha B R and Mrs. Aruna R attended a national-level webinar titled "Why Media Literacy is Essential in Today's PR" organized by the Public Relations Society of India, Chennai Chapter, on 22<sup>nd</sup> February 2025 in virtual mode.



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- Mrs. Aruna R and Mrs. Kavya S. R. attended the EBSCO Training on VTU -
- EBSCO & AMA conducted by EBSCO Information Services on 25<sup>th</sup> February 2025 at R L Jalappa Institute of Technology.
- Mrs. Meenakshi H, Mrs. Aruna R, Mrs. Kavya S. R., Mr. Madhu N. R., Mrs. Reshma S. R., Ms. Anusha K, Ms. Shilpa S, and Mr. Murali R participated in a Management Development Programme held at R L Jalappa Institute of Technology from 3<sup>rd</sup> to 5<sup>th</sup> March 2025.
- Mrs. Hemalatha B. R. attended the fourth webinar titled "Environmental Anthropology: Living with Riverine Environments" organized by the Centre for Multi-Disciplinary Development Research, Dharwad, on 6<sup>th</sup> March 2025 in virtual mode.
- Mrs. Sujatha V, Mrs. Hemalatha B. R., Mrs. Kavya S. R., and Mr. Govindaraju K.
  G. attended a five-day Faculty Development Program (FDP) on "Innovations in Material Science & Engineering for Promoting Sustainability – 2025" organized by Don Bosco Institute of Technology from 10<sup>th</sup> to 14<sup>th</sup> March 2025 in virtual mode.
- Mrs. Hemalatha B. R. also attended the fifth webinar titled "Discovering Careers in Business Anthropology" organized by the Centre for Multi-Disciplinary Development Research, Dharwad, on 14<sup>th</sup> March 2025 in virtual mode.



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# **DEPARTMENT OF MBA**

#### STUDENT DEVELOPMENT PROGRAMME

The MBA Department (VTU) organized a one-day workshop on personality development for MBA students of RLJIT and SDUIM. The workshop was held on 16th January 2025 at the RLJIT Campus, Doddaballapur, with the inauguration ceremony taking place in the Electronics and Communication (EC) seminar hall. The objective of this workshop was to equip participants with the skills and knowledge necessary to enhance their personality, build confidence, and achieve their goals. The resource person for the workshop was Mr. Babusabi H. K., Placement Officer of SDUIM.



The Student Development Program (SDP) on Global Training on Soft Skills and Communication was successfully conducted on 24th January 2025 at R L Jalappa Institute of Technology (RLJIT). The program aimed enhance students' soft skills and to communication abilities, thereby preparing for academic and professional them excellence. The resource person for the session was Mr. Vignesh Maheshwaran, a Corporate Mentor, Student Counsellor, and Soft Skills Trainer.









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The MBA Department (VTU) organized a one-day workshop on 11th March 2025 at the RLJIT Campus, Doddaballapur, for MBA students of RLJIT and SDUIM. The event, inaugurated in the ECE Seminar Hall, featured Startup Day and a Poster Presentation, providing a platform for students to showcase their entrepreneurial ideas and business models. Mr. Deepak C, an esteemed entrepreneur from Arogya Brand, Doddaballapur, and a prominent figure in the startup ecosystem, served as the resource person and shared valuable insights and experiences with the participants.



The inaugural ceremony of the new academic year was held on Febrauary21<sup>st</sup> March Friday 2024 at 11 am. The chief guest of the function P. Vijayakarthik RLJIT was Principal Dr. presided over the function. Dr.Sreenivasa Reddy Director(Quality academics and R&D), Dr. Sunil Kumar Prof & Hod of Mechanical engineering, Dr. Allah Bakash Professor & Head - MBA Dept, Mrs. Kavya T.S and Mr. Yathin Kumar were also part of the fresher's day.







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The Management Development Program (MDP) was conducted from 03/03/2025 to 05/03/2025 by the Department of MBA, in collaboration with MSME Bengaluru. Held at the ECE Seminar Hall, RLJIT, the three-day program aimed to enhance leadership qualities, build high-performance teams, and improve strategic communication among participants. The sessions were led by Capt. Nikil Verma, who shared valuable insights on leadership development, team dynamics, and effective communication strategies. The event marked a significant step toward fostering professional growth and strategic thinking among future managers.





As part of the Student Development Program, a Potluck Lunch was organized on March 7, 2025, at 2:00 PM in the MBA Classroom. The event aimed to foster team spirit. cultural exchange. and collaboration among students and faculty members. It witnessed enthusiastic participation from all students, who brought a wide variety of vegetarian and non-vegetarian dishes. The diverse food spread featured traditional, homemade, and specialty items, showcasing various regional flavors and culinary talents. This enjoyable gathering not only allowed students to share their favorite dishes but also interaction and strengthened promoted bonds among peers and faculty.

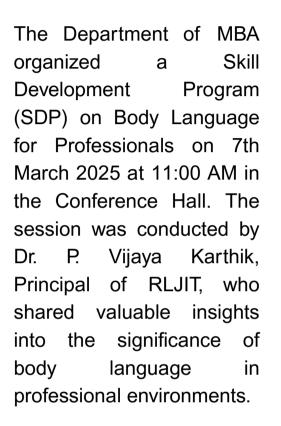






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The Department of MBA, in association with MSME Bengaluru, organized an Entrepreneurship Awareness Program (EAP) on 5<sup>th</sup> March 2025, featuring Capt. Nikil Verma as the guest speaker. The program aimed to inspire and educate participants about entrepreneurship and the various schemes available for MSMEs.







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### DEPARTMENT OF PHYSICAL EDUCATION





TThe VTU Bengaluru North Division Cricket (Men) Championship 2025 was organized at Acharya Institute of Technology, Chickabanavara, from 27<sup>th</sup> March to 3<sup>rd</sup> April 2025. A team of 16 students from our institution participated in the tournament, representing VTU Bengaluru North Division. The team performed admirably throughout the competition and successfully advanced to the quarterfinals, showcasing skill, teamwork, and determination.





Mr. Dadapheer P. D., Physical Education Director of our institution, has been nominated as the Coach for the Visvesvaraya Technological University, Belagavi Ball Badminton (Men's) team for the year 2023-24. The Inter-University Tournament is scheduled to be held from 14<sup>th</sup> to 17<sup>th</sup> March 2025 at Bengaluru North University, Bengaluru.



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### TRAINING AND PLACEMENTS



Mrs. Kavya T. S., Placement Officer, organized a motivational session titled "The Art of Teaching," conducted by Dr. B. Ramesh, Associate Director at SIVA Academy. The session focused on innovative teaching methodologies, effective classroom engagement strategies, and the vital role of empathy and communication in education. Faculty members found the program highly insightful, as it highlighted the importance of continuous learning and adapting to the evolving needs of students. The interactive nature of the session encouraged active participation and self-reflection among attendees.



Congratulations to all 8 students who got selected by Indo-MIM!



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Congratulations to all 32 students who got selected by Yejella Pvt. Ltd.!











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Yateesh Kumar B.S. from the Data Science department participated in the final round of the TCS Tech Bytes event held at SIT and secured a consolation prize. Mrs. Kavya T. S., Ms. Lavanya Vaishnavi, Ms. Priyanka, and Mrs. Jyothi accompanied him to the event.

## **R. L. JALAPPA GROUP OF INSTITUTIONS**

#### Doddaballapur Campus

R. L. JALAPPA INSTITUTE OF TECHNOLOGY

R. L. JALAPPA POLYTECHNIC

R. L. JALAPPA ITI

SRI DEVARAJ URS INTERNATIONAL RESIDENTIAL SCHOOL.

SRI DEVARAJ URS INSTITUTE OF MANAGEMENT & PG CENTER

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