



RAJALAKSHMI ENGINEERING COLLEGE

An AUTONOMOUS Institution
Affiliated to ANNA UNIVERSITY, Chennai

Minutes of the IQAC Meeting held at our Conference Hall on 6th April, 2024 at 10.00 a.m.

Members of IQAC :

Name	Designation
Dr. S. N. Murugesan	Principal <i>S. N. Murugesan</i> 6/4/24
Dr. M. Subbiah	Emeritus Professor, EEE <i>M. Subbiah</i> 6.4.24
Dr. V. Murali Bhaskaran	Dean Academics <i>V. Murali Bhaskaran</i> 6/4/24
Dr. S.P.Srinivasan	Vice Principal <i>S.P.Srinivasan</i> 6/4/24
Dr. M. Muthusamy	Controller of Examinations Professor & Head – Humanities & Sciences <i>M. Muthusamy</i> 6/4/24
Dr. Johanna Rajkumar	Dean, BioTechnology <i>Johanna Rajkumar</i> 6/4/24
Mr. I. Philip Praveen	Director - T&P and Dean-Student Affairs <i>I. Philip Praveen</i> 6/4/24
Dr. L. Sujatha	Head – CEMM, Professor ECE <i>L. Sujatha</i> 6/4/24
Dr. S. Poonkuzhali	Director (Alumni Affairs) Professor - CSE <i>S. Poonkuzhali</i> 6/4/24
Dr.R. Premkumar	Coordinator - IPR Cell Professor Biomedical Engineering <i>R. Premkumar</i> 6/4/24
Dr. S. Sekar	Director (Research Publications) Professor - Mechanical Engineering <i>S. Sekar</i> 6/4/24
Dr. L. Priya	Coordinator - Industry Institute Interaction Cell Professor - Information Technology <i>L. Priya</i> 6/4/24

Mr.S.Hariram	Coordinator - Feedback analysis Assistant Professor - Mechanical Engineering	S. Harish 07/04/24
Dr. R. Kalpana	Coordinator - Library Advisory Committee Professor & Dean - Biomedical Engineering	Kalpana 07/04/24
Mr.P.Muthaiyan	Assistant Coordinator - IQAC Assistant Professor, Civil Engineering	P. Muthaiyan 07/04/24
Mrs. P. Magila	Senior Administrative Officer	P. Magila 07/04/24
Mr. P. Jeeva Kalyanasundaram	Executive Officer - Administration	Jeeva 07/04/24
Mr. B. R. Gopi	IT Manager	B. R. Gopi 07/04/24
Mr. Sundaravadivel Purushothaman	Principal Director Supply Chain Strategy Consulting Accenture IT Services	Sundaravadivel 07/04/24
Mr. C. Devarajan	Director Operations Ford Motors Pvt. Ltd.,	C. Devarajan 07/04/24
Dr. Sivaramakrishnan. K	Director & Chief Executive Officer Taoka Chemical India Pvt Ltd.,	K. Sivaramakrishnan 06/04/24
Jayakanthan. M	Tahsildar, Sriperumbudur taluk	
Mrs. Rasmi	Parent	
Mr. Deepak V M	Alumni 2012-16 Batch (B.E Civil)	Deepak V M (06/04/24)
Mr. S. Arun Karthick	Manager, Daimler India Pvt. Ltd., Chennai Alumni 2012 - 2016 Batch (B.E Mechanical Engg)	
Mr. Jeyavikraman	Project Lead, AeroDesign Division, Cyient, Bangalore Alumni 2005-2009 (B.E Aeronautical Engg)	
Mr. Sachin Aravind S	Senior Consultant Hitachi Solutions India Pvt. Ltd. Alumni 2013-2017 Batch (B.Tech IT)	

S.Anjana	Student Representative – CSBS
KVR Badrinarayanan	Student Representative – EEE
Dr. V. Prasannakumari	Coordinator - IQAC Professor, Information Technology

Actions taken on suggestions of previous meeting:

<u>S.No.</u>	<u>Agenda Point</u>	<u>Activity details</u>	<u>Target</u>	<u>Actions Taken / Results</u>
1	QS Rating	Data collection and uploading in progress	Will be submitted before deadline.	Submitted on time
2	Autonomy status	Process in progress through AU	Expecting to receive extension before end of September 2023.	Successfully received extension for a period of 10 years from 2023-24 to 2032-33
3	Minor / Honors	As per provisions by AU, students are allowed to pursue their degree with Minors and Honors courses also	Classes are offered since this semester	Classes are regularly conducted after college hours. Students were motivated by departments by giving awareness on advantages of securing Minor/Honors degrees
4	First year	Initiation day is scheduled to be held on 13 th Sep. A two week induction programme as per guidelines of AICTE will be conducted		First year class commenced as planned with bridge course as prescribed by AICTE

5	ICT, LCS availability Usage and additions	60+ smart panels are added. Usage of the recordings by students are being monitored	Having LCS in 100% classrooms	21 additional Classrooms were equipped this semester.
6	Energy awareness – VAP with Government certificate	Energy Swaraj certification is a free online certificate course offered by GOI. We are planning to make all students of EEE,ECE,Mech and others to take up this course as a Value Addition	50 ECE students completed already. 1000+ before end of September	928 completed so far
7	IDEA Lab	Every week 30 students are trained on various topics through Residential camp workshops. Every Wednesday lecture series on Emerging trends are being offered.	Weekly training programmes and lecture series will be continued. IDEA lab will be available for students for innovative projects in those areas of specialisation.	10 training programmes on Ideation, 3D Printing, IoT applications 268 students from UG & PG have been trained.
8	Alumni Engagement	It has been decided to intensify Alumni engagement in all possible aspects including knowledge sharing, career guidance, internship & placements Alumni tech series ,	All departments will conduct atleast 1 event a month with their alumni as resource.	All departments have conducted events engaging alumni for seminars, workshops and project evaluations Grand Alumni meets were arranged in Bangalore and Chennai

		<p>newsletter are being planned.</p> <p>Alumni Chapter inaugurated at Ireland in addition to chapter at UAE & USA.</p>		<ul style="list-style-type: none"> • Programmes – 125 • Alumni Meets – 2 • Newsletter Vol – 2
9	NBA Accreditation	Chemical Engineering and Food Technology programmes are in process of preparing their SAR	Will be uploaded before Oct 2023	SARs have been uploaded. Awaiting visit from NBA.

Proposed plans for next semester :

<u>S.No.</u>	<u>Agenda Point</u>	<u>Activity details</u>	<u>Target</u>
1	Balanced Score Card for faculty	<p>A comprehensive and transparent approach to recognize and reward the valuable contributions of our dedicated faculty members.</p> <p>Recognizing the multifaceted roles played by our faculty members, we have identified five major factors that collectively shape the academic environment and overall success of our institution:</p> <ul style="list-style-type: none"> • Teaching, Learning, and Innovation • Research, Publications, Patents and Consultancy • Academic Administration • Stakeholder Feedback • Overall benefits to the institution 	It is expected to encourage and motivate faculty to contribute in every possible aspect and would increase output in terms of all major factors considered.
2	Efforts to offer dual degree and twinning programmes in collaboration with	Students will be able to get dual degrees and will spend semester abroad.	Admissions will commence from Academic year 2024-25

	universities abroad		
3	New hostel building	A new hostel building to house 590 students with 295 rooms G+8 floors is under construction	Will be ready by July 2024
4	New academic block	Introduction of new programmes and increase in intake requires more classrooms. Hence a new academic block of G+7 floors with 54 classrooms and 1 Multipurpose hall with capacity of 600, has been planned to be constructed	Will be ready by July 2024
5	Gen AI tools are also employed in QP preparation	By leveraging Gen AI technology, we aim to enrich the Question Papers Setting process, ensuring accuracy, relevance, and diversity in question types.	Designated committee headed by Vice Principal will ensure adherence to quality of QPs
6	Student Satisfaction Survey has been rolled out	92 % of students (7570 / 8200) have responded and an analysis has been made to work on areas of improvement	Overall Report is taken. Department-wise reports are shared with concerned HoDs for taking steps for improvement.
7	Institute level research centre application is in progress, all eligible depts.	Application for Institute level research centre has been submitted and is in process.	All departments that has atleast on recognised supervisor from Anna University will become Research Centre and can offer Ph.D programme.

Suggestions by members :

- **Shared views and suggestions in normalising BSC based on their designation and responsibilities by making role-based metrics**
- **Students who are certified by Energy Swaraj can be made to work in Net Zero Goal initiatives of the college and monitor impact**

College Achievements:

- NAAC A++ with 3.62/4.00
- NIRF rank – 86
- 4 Star ranking in ARIIA
- Careers 360 ranks REC with AAAA+
- 4th position in MSME IDEA Hackathon 2.0 by GOI
- Times Engg Universities and institutes ranking survey 2023 ranked us 12th in Top private Engg Instt at National level, No.1 in placements (TN) and No.1 in Private Engg institution (TN & P)
- IIT PALS innoWah Winners in IoT Robotics Category
- REC has got 40 of its projects selected in Naan Mudhalvan Initiative by Govt of Tamilnadu.
- In the Top T-Schools Ranking Survey conducted by DataQuest, REC has been ranked
 - 3rd in South Zone (TN,KAR,KL,AP,TS)
 - 11th in Private T-Schools Category at National Level

IPR:

Total Granted: 66

S.No.	IP Filed / Published / Granted	Sep 23 to Jan 24
1	Patent Filed	25
2	Patent Published	29
3	Patent Granted	3
4	Design Filed	40
5	Design Granted	45
6	Trademark Filed	1
7	Copyright Granted	1

Sep23 to March 2024

- Mr.Aadil Mohamed and Mr. M. Ajin, has been Granted a Patent Titled as " Watch with Retractable Strap ", Patent No. 202041029567, 20-02-2023.
- Ch. V. Naga Sowjanya, Dr.K.Thangavel, Dr. Jebarani Evangeline S, Dr.Rishibrind Kumar Upadhyay , Dr.Harpreet Kaur Channi , Dr.K.Senthilkumar and Dilip Mishra has been Granted a Patent Titled “High Performance Flexible Display Using Graphene and Carbon Nanotubes”, Patent No. 202341057261, 03-11-2023.
- Harish Santhosh Kumar, Ganesh Kumar , Megha Venugopal and Keerthana D has been Granted a Patent Titled “Vacuum Operated Continuum Manipulator”, Patent No. 2019410273561, 17-11-2023.

- Dr. KL Vincent Joseph, and Dr. NT Mary Rosana Published a Patent of a Pilot Scale Process for Producing Flower-Like LaFeO_3 for Enhanced Alcohol Sensing (Patent Application No: 202341090211) in the Indian Patent Office on 26-01-2024.
- Dr. KL Vincent Joseph, and Dr. NT Mary Rosana Published a Patent of a Pilot-Scale Process for Producing Flower-Like EuFeO_3 Perovskite for Enhanced Acetone Sensing (Patent Application No: 202341090210) in the Indian Patent Office on 26-01-2024.
- Dr. KL Vincent Joseph, and Dr. NT Mary Rosana Published a Patent of a Pilot-Scale Process for Producing Flower-Like LiTaO_3 Photocatalysts for Hydrogen Generation (Patent Application No: 202341090209) in the Indian Patent Office on 26-01-2024.
- Dr. KL Vincent Joseph, and Dr. NT Mary Rosana Published a Patent of a Pilot Scale Process for Producing Leaf-Like GdFeO_3 for Enhanced Alcohol Sensing (Patent Application No: 202341090208) in the Indian Patent Office on 26-01-2024.
- Dr. KL Vincent Joseph, and Dr. NT Mary Rosana Published a Patent of an Onion Peel Based Natural Dye Sensitized Solar Cells (Patent Application No: 202341090207) in the Indian Patent Office on 26-01-2024.
- Dr. KL Vincent Joseph, and Dr. NT Mary Rosana Published a Patent of a *Murraya Koenigii* Based Natural Dye Sensitized Solar Cells (Patent Application No: 202341090206) in the Indian Patent Office on 26-01-2024.
- Dr. KL Vincent Joseph, and Dr. NT Mary Rosana Published a Patent of a Pilot-Scale Process for Manufacturing Lanthanum-Doped $\text{KTaO}_3@ \text{KTaO}_3$ Photocatalysts for Effluent Degradation Induced Hydrogen Generation (Patent Application No: 202341090205) in the Indian Patent Office on 26-01-2024.
- Dr. KL Vincent Joseph, and Dr. NT Mary Rosana Published a Patent of a Pilot-Scale Process for Manufacturing Terbium-Doped $\text{CsTaO}_3@ \text{CsTaO}_3$ Photocatalyst for Effluent Degradation Followed Hydrogen Generation (Patent Application No: 202341090204) in the Indian Patent Office on 26-01-2024.
- Dr. KL Vincent Joseph, and Dr. NT Mary Rosana Published a Patent of a Development of a Pilot-Scale Process to Produce Leaf-Like TbFeO_3 Perovskite for Enhanced Acetone Sensing (Patent Application No: 202341090203) in the Indian Patent Office on 26-01-2024.
- Dr. KL Vincent Joseph, and Dr. NT Mary Rosana Published a Patent of a Pilot-Scale Process for Manufacturing Lanthanum-Doped Leaf-Like NaTaO_3 Photocatalysts for Effluent Degradation (Patent Application No: 202341089984) in the Indian Patent Office on 17-01-2024.
- Dr. KL Vincent Joseph, and Dr. NT Mary Rosana Published a Patent of a Pilot-Scale Process for Manufacturing Leaf-Like KTaO_3 Photocatalysts for Hydrogen Production (Patent Application No: 202341089983) in the Indian Patent Office on 17-01-2024.
- Dr. KL Vincent Joseph, and Dr. NT Mary Rosana Published a Patent of a Pilot-Scale Process for Producing Europium-Doped CsTaO_3 Photocatalysts for Effluent Degradation (Patent Application No: 202341089982) in the Indian Patent Office on 17-01-2024.
- Sudha S, Kalpana R, Padmasini N, and Akshaay S Published a Patent of a Non-invasive Device for Quantifying Sweat Gland Activity (Patent Application No: 202241075455) in the Indian Patent Office on 29-12-2023.

- Dr. T.Anitha and Ms. K.Krishnapriya Published a Patent of a Bio-Refinery Waste Based Biodegradable Package Film and Method of Producing Thereof (Patent Application No: 202241037898) in the Indian Patent Office on 26-05-2023.
- Mr. Narayana K E Published a Patent of a Model-based framework for Dependable EEG Sensing and Actuation in Smart Brain IoT System (Patent Application No: 20234104968) in the Indian Patent Office on 22-09-2023.
- Mrs.Ponmani S Published a Patent of a IoT Based Network for Monitoring and Assessing Water Table in Agricultural Terraio (Patent Application No: 202341041472) in the Indian Patent Office on 15-09-2023.
- Mrs. G.M. Sasikala Published a Patent of a Virtual AI Therapist for Mental Health Monitoring and Interventions (Patent Application No: 202341078526) in the Indian Patent Office on 5-01-2024.
- Mr. Vijay K, Ms. Jaeyalakshmi M, Ms. Bhavani M, Mr. Pradeep R, Dr. Dharani Devi G and Ms. Jananee V Published a Patent of a Secure Federated Learning Framework for Multi-Party Collaboration in Cloud Environments (Patent Application No: 202341087171) in the Indian Patent Office on 5-01-2024.
- Dr.Ishwarya M.V, Dr.D.Adhimuga Sivasakthi, Dr.A.Sathiyaraj, M.Maharasi, Balasigayathri, Raja Rajeswari P U, P.Menaga, Dr.R.Ratheesh and S.Ramamoorthy Published a Patent of a Mobile application based sleep Apnoea Management System for Biomedical exertion using cloud server (Patent Application No: 202341079532 A) in the Indian Patent Office on 1-12-2023.
- Dr. T. Manikandan Published a Patent of a System and Method to Analyse the Early Detection of Brain Tumor in Humans (Patent Application No: 202341082984) in the Indian Patent Office on 29-12-2023.
- Dr. T. Manikandan Published a Patent of a Digital Image Processing Quality Assessment from Error Visibility from Structural Similarity (Patent Application No: 202341082983) in the Indian Patent Office on 29-12-2023.
- Ms.M.Anitha Mary Published a Patent of a B5G6G Terrestrial Wireless Communication Systems by Harmonising Requirements with Environments (Patent Application No: 202341090258) in the Indian Patent Office on 26-01-2024.
- R. Padmavathi, P. Sivakumar and G. Jai Sreedhar Published a Patent of a IOT Based USB Charging with Solar Tree (Patent Application No: 202341055788 A) in the Indian Patent Office on 6-10-2023.
- Dr.M.Priyadharshini, Dr.T.Santhana Krishnan, Dr.B.Trinadha, Dr.K.Suresh, Mr.S.E.Murthy and Mr.R.Kathiresan Published a Patent of a Three Phase Multilevel Inverter Cascaded by Three Two Level and Two Single Phase Boosted H Bridge Inverters (Patent Application No: 202341065452) in the Indian Patent Office on 6-10-2023.
- D. L. Priya, T.Madhavan A single Phase Energy Metering System (Patent Application No: 202341045940) in the Indian Patent Office on 1-09-2023.
- Dr. A. Ponmana Selvan, Dr. K.Venkatesh, Dr.P. Anbarasan and G.Sujatha Published a Patent of a Integrated Smart Home Management System with Predictive Maintenance AI (Patent Application No: 202341075526 A) in the Indian Patent Office on 22-12-2023.

- Mrs. Geetha Chandrasekaran, Dr.K.Sandhya Rani, Dr. L. Saravanakumar, Ms.V.Yogapriya, Dr.A.Kistan and Taduri Srilatha Published a Patent of a Chemoselective Click Reactions for Synthesis of Organic Compounds (Patent Application No: 202341090238 A) in the Indian Patent Office on 26-01-2024.

Research Funding

Total Projects : 5

Funding Amount : 163.05 Lakhs

- Dr. B. Mullaisudaroli receive a grant of Rs. 25.11 Lakhs for the project titled “Design and Development of 1 kW Fuel Cell Stack for Low Power Applications” on 31-12-2023.
- Dr. N. Padmasini and Ms. S. Abirmay have been sanctioned a ‘SEED fund’ amount of Rs.1,26,000/- for their project titled “Photodynamic Therapy based Injectable Hydrogel for Effective Chronic Wound Healing” by Rajalakshmi Engineering College.
- Dr.S.Geetha and Dr.M.Selvakumar received a grant from DST-TDT-TDP for a project on “Retrofitting of Structures with Self-Sensing Multifunctional Cementitious Nanocomposite” for Rs.45.97 Lakhs.
- Dr. K. Ramalakshmi, Ms.Aruthra Devi G and Dr.L. Priya received a grant of 70.16 Lakhs from DST SHRI for Digitally fusing traditional knowledge gap to foster the potential use of millets as Nutritious alternative to Mitigate the hidden hunger.
- A project proposal titled “Designing and Development of Variables X-bar Control Chart based on Median Run Length under Special Purpose Sampling Procedures” submitted by Dr. P. Jeyadurga for securing a funding of Rs. 21,00,000, has been approved by the Department of Science and Technology (SERB) on 04.12.2023.

Consultancy:

Total No. of Organisations: 10

- Dr.Suresh Chandra Khandai received sum of Rs.7500/- as consultancy work for high speed jet from Mr.T.Paramesh, Global Academy of Technology, Bangalore.
- Dr.K.Bhaskar, Mr.K.Mohanraj and Mr. R. Edwin Joseph Secured the industrial consultancy for the development of the "Conveyor System" from Master Forge India Private Limited, Thiruvallur.
- Mrs. S. Muthu Lakshmi carried out consultancy work in Soil Mechanics Laboratory for HAP Design Studios Pvt. Ltd. – Evaluation of Safe Bearing Capacity of soil collected from Ranga Reddy Garden, Neelankarai for an amount of Rs. 11,500/-.
- Dr. S. Geetha carried out consultancy work for SHASHEE Reinforcement Pvt. Ltd., for an amount of Rs 30,000/-.
- Dr. S. Geetha carried out consultancy work for PWD – Krishna Water Project for Material Testing and Mix Design for an amount of Rs 19,600/-.

- Mrs. S. Muthu Lakshmi carried out Consultancy work in Soil Mechanics Laboratory for “Optimization of Foundry Sand in Soil for Land Filling” for Sakthi Auto Component Limited, Tirupur for an amount of Rs. 25,520/-.
- Dr.L. Priya, Mr.V.Ghadhatharan and Mrs.K.Poornimathi doing consultancy work on the Development of Mobile application portal for stacking the system in Iljin Automotive Pvt Ltd of worth Rs.85,000.
- Dr.L. Priya, Mr.V.Ghadhatharan and Mrs.K.Poornimathi doing consultancy work on Measuring the profile parameters such as width, height, Inner Diameter and Outer Diameter of the component in the Production line at Mercury Fittings(P) Ltd of worth Rs.2,80,000.
- Dr. L. Priya received a consultancy project under Super Auto Forge Private Limited, Thirumudivakkam, for the development of “Control Panel Refurbishment of Machine Vision System”.
- Dr. L. Priya received a consultancy project under ILjin Automotive Private Limited, Sipcot Industrial Park, Kanchipuram for the development of “Door Checker Assembly Line Stacking System”.
- Dr. L. Priya, Mr. Ghadhadharan V and Ms. K. Poornimathi received a consultancy project under Mercury Fittings Private limited, Tiruvallur for the development of “Machine Vision System for Dimension Measurement”.
- Dr. V. Prasannakumari and Mr. B.R. Gopi received a consultancy project under Sakthi Auto Component Private Limited in Tirupur with Rs.80,000 for the development of Customized Training Data Management Portal - TMAP.

Symposium / Conference conducted: 10

- A National Level Technical Symposium DIFFUSA 23 was organized by the Department of Chemical Engineering on 27th Oct 2023.
- ZVATRA 2K23, “A National Level Technical Symposium on Innovative Approaches in Value Addition of Millets for Sustainable Marketing” organized by the Department of Food Technology is conducted on November 8th 2023.
- KRIDAYANTHRIK - 2023 “A Technical Symposium focusing on Engineering in Sports” organized by the Department of Mechanical Engineering on 9th November 2023.
- 4th National Conference on Recent Advances in Mechanical Sciences - NCRAMS 2023 organized by the Department of Mechanical Engineering on Friday, 15th & 16th December 2023.
- The Department of MBA organized Two days National Conference on Sustainable Business Practices '23 (Hybrid mode) on 12th and 13th April, 2023
- The Department of MBA organised an Intercollegiate Competition” RECstacy 2023” where more than 250 students from different colleges participated.
- National level Technical symposium "REVOTRONICS 2024" by the Department of Electronics and Communication Engineering on 17.2.24.

- National level Technical symposium "BOOTUP' 24" organized by the Department of Computer Science and Engineering on 19th February 2024 .
- National Level Technical symposium “TURBO 2K24” organized by the Department of Automobile Engineering, on 24-02-2024
- National Level Technical symposium “ZIGGURAT24” organized by the Department of Civil Engineering, on 02-03-2024

Guest Lectures / Workshops organized:

- **Guest Lectures: 30**
- **Workshops: 27**

Students Achievements:

- Hursun SS, Prajein CK, Dinesh Kumar K, Arunachalam T, and Aswin JD from of AIML Department Won the **Smart India Hackathon** at IES University, Bhopal on 19/12/23 and 20/12/23, receiving **Rs.1,00,000/-**.
- Sakthisree Moliyan Vel of Second Year CSBS has won **First Prize** in the **Smart India Hackathon** hosted by the College of Engineering, Bhopal conducted from 19th December 2023 to 20th December 2023.
- S. Abdul Wahid, B. Jeshwanth and P. Dharshan of Third Year Civil Engineering, secured Runner-up position with a Cash Prize of **Rs 50,000/-** in the Indian Concrete Institute - RDC Concrete National Level Mix Design and Cube Competition held at **IIT Madras** on 03.11.2023.
- Mr. Durairasu E from IV B participated in the Project video contest presentation under prestigious **IEEE Region 10 SAC**. He won the best student project video contest presentation, earning him a remarkable prize of **\$300 USD**.
- Abdul Rahman. S, Ajay Karthick. C, Mouli Raj. E, and Premkumar M from Automobile Department received ‘Overall Runner-up’ in the Level poster presentation in World EV Day Celebrations organized by Global Automotive Research Centre on 9/9/23.
- D.Gagan and S.Ganesh from Automobile Department received ‘Runner-up’ in State Level poster presentation in World EV Day Celebrations organized by Global Automotive Research Centre on 9/9/23.
- Ms. V. Swetha, Mr. A. Santhosh, Ms. G. Snekha, and Ms. VR. Shalini, final year B.Tech Biotechnology students, mentored by Mr. S. Arun Kumar, Assistant Professor, Dept of Biotechnology, were shortlisted for the Biotech Entrepreneur Student Team (BEST) 2023 competition - South Zone, organized by Association of Biotechnology Led Enterprises (ABLE), India at SASTRA University, Thanjavur on October 6, 2023. They presented their device prototype 'Noise-Based Assistive Device for the Cognitively Impaired' - THINK PINK and emerged as winners of the South Zone, advancing to the National level competition.
- Ms. M. Poorna Padma, Mr. R. Rohith Kumar, Mr. S. Rishi, and Mr. P. Nishanth, from various years of B.Tech Biotechnology and B.E. programs, mentored by Mr. S. Arun Kumar, were shortlisted for the Biotech Entrepreneur Student Team (BEST) 2023 competition - South Zone, organized by ABLE India at SASTRA University,

Thanjavur on October 6, 2023. They presented their device prototype OPMD Monitor and received positive feedback from the jury members.

- Ms. V. Swetha, Mr. A. Santhosh, Ms. G. Snekha, and Ms. VR. Shalini emerged as winners in the National Level Biotech Entrepreneur Student Team (BEST) 2023 competition organized by ABLE India on December 8, 2023, with their project 'Noise-Based Assistive Device for the Cognitively Impaired' - THINK PINK.
- Valliammai from second year Biotechnology had successfully completed Semi – finals in “Tamil Engal Uyri Mei -2023” competition in the Sankara Channel.
- C. Sreemathi, S. Shakthi, Samuel Alen, K P Ajay, T B Shreyas, R Hemavathy from Food Technology received TNSCST project completion certificates.
- Mohammed Aadil from Food Tech secured First prize in Essay writing Competition- National Nutrition week programme, 2023 organized by World Health Services Association on 4th September 2023.
- Akshaya Lakshmi S N from Food Tech won Best E poster presentation on Topic *Pisonia alba* Assisted Synthesis of Nano silver for Dye reduction in Waste water under guidance of Dr.S.Niveaditha, AP(SG), FT in 6th International virtual conference on Food & Nutrition, Canada on 25th and 26th October, 2023.
- Ajeetha A from Food Tech won Best E poster presentation on Topic Development of Mineral Enriched Vegan Myannoise by utilization of Lupin and Broad Bean under guidance of Dr.S.Niveaditha, AP(SG), FT in 6th International virtual conference on Food & Nutrition , Canada on 25th and 26th October, 2023.
- Jacinda Joann Jefferson from Food Tech won Best E poster presentation on Topic Extraction of bioactive Compounds from Cassia Fistula and Incorporation in Diabetic Friendly Dark chocolate under guidance of Dr.S.Niveaditha, AP(SG), FT in 6th International virtual conference on Food & Nutrition , Canada on 25th and 26th October, 2023.
- Mr. R. Vishal Prasad from III D successfully completed the project titled "An Electronic component alternative selection Tool," a problem statement provided by Dextroware Devices under the IIT-PALS Lab to Market (L2M) project.
- Mr. Faheem Ahamed from III D participated in the National level student convention 2023-24 Tier II competition conducted by SAE India at Chennai Institute of Technology on 26.10.2023 and won the second prize in the Business plan proposal competition.

Student Publications:

Total publications : 34

- Suresh Chandra Khandai; S. Prasath; B. Naveen, “Computational and experimental analysis of partly coated hydrophobic airfoil”, International Journal of Computational Materials Science and Surface Engineering (IJCMSSE), Vol. 11, No. 3/4, 2023.
- M. Siva Sakthi, C. Swathiga Devi, Surendra Bogadi “Design and Analysis of a Thermoacoustic Cooling system with two-stack arrangement for different types of stacks” “International Conference on Advances in Mechanical Engineering & Material Sciences”, VIT-AP University, Amaravati, 20th -22nd April 2023.
- E. M. Maheshwar, R. Ibrahim & K. K. Nithiyanantham. “Development of a Payload-Dropping Quadcopter Using Landing Gears with Electronic Servo”, International Conference on Advances in Mechanical Engineering and Material Science,

ICAMEMS 2023: Advances in Mechanical Engineering and Material Science pp 209–226.

- J.P. Shebaz Ahmed, V. Harikaran and L. Gokul, “Experimental Investigation on the Mechanical Properties of Carbon/Epoxy Laminates Modified with Halloysite Nanotubes at Elevated Temperatures "International Journal of Vehicle Structures & Systems, Vol.15, No.3, pp. 1 – 7,
- Packiyalakshmi S., Nithiyanantham K.K, “Implementation of Modern Aircraft Daily Inspection Mode by Using Solid State Power Controller”, Journal of Harbin Engineering University, Vol.44, No. 12, 2023, pp.834 – 839.
- Sowmia K R, Jayaganeshan T, Mohammed Abraar khan F, Madhesh S*, Kabilesh S, “An Artificial Intelligence Approach to Quantifying Exercise Form for Optimal Performance and Injury Prevention”, International Conference on Computing and Communication Networks (ICCCNet-2023) organised by Manchester Metropolitan University, Manchester, United Kingdom on 17th-18th November 2023.
- Thulasisingh A, Ananthakrishnan K, Nandakumar J, Kannaiyan S. “Fermentative Biohydrogen Fuel Production Utilizing Wastewater: A Review’, Clean–Soil, Air, Water, Vol. 21(9), pp. 2300112. September 2023. ISSN:1863-0650. [Impact Factor: 2.404, SNIP: 0.477, SCOPUS, SCIE, Publisher: Wiley-Blackwell.
- M. Monica, R. Jayasree, J. Irine Briny Hepzibha. Utilization of Agricultural Waste Through Conventional Technologies for the Treatment of Industrial Effluents: A Review Bhartiya Krishi Anusandhan Patrika, Vol. 38(3), pp. 238-245. September 2023. ISSN0303-3821. [Publisher: Bhartiya Krishi Anusandhan Samiti-Arcc.
- Kamalesh T, Kumar PS, Hemavathy RV, Rangasamy G. “A critical review on sustainable cellulose materials and its multifaceted applications”, Industrial Crops and Products, Vol.203, pp. 117221. November 2023. ISSN: 0926-6690. [Impact Factor: 6.449, SCOPUS, SCIE, Publisher: Elsevier.
- M. Millicent Mabel, M. Monica, V. Praveena, R. Kamalesh, T.B. Kamali.” Fortificationand Development of Nutritive Rich Cupcake using Prunus dulcis” Asian Journal of Dairyand Food Research, July 2023. (Accepted) ISSN 0971-4456. [SNIP: 0.414, SCOPUS,Publisher: Agricultural Research Communication Centre.
- Jeetindriya S of IV BME A students presented their paper titled “Smart band for neonatal care” under Pinacle papers in CIT Biomedical symposium "Biomutantz-'23" on 22.09.2023
- Sudeeshana S and Akash P from IV BME participated in a paper presentationcompetition in the BIOMUTANTZ symposium organised by Chennai Institute of Technology on 22.09.2023.
- Archita K , Haarisha Parveen and Krishna M of IV BME A presented a paper titled “AI Powered Personalized Medicine Treatment And Success Rate Predictor” at SSN College of Engineering on 06.10.2023.
- Varsha A, Surendiran S, Pranav A B of III-year CSBS (2025 Batch) has published a paper titled “Child Abduction Prevention in The Smartphone Era: A Survey of Location-based Solutions” in the International Journal of Research Trends and Innovation (IJRTI), Vol 8 Issue 10, on 8th October 2023.
- Lochan Shruthi VS, Pavithra SV, Shreya PV of III-year CSBS (2025 Batch) has published a paper titled “Automated Waste Segregation into Biodegradable and Non-

Biodegradable Fractions Utilizing Conveyor Belt and Image Processing with Design Thinking” in IJFMR Volume 5, Issue 6, on 4th November 2023.

- Gandham Venkat Karthik, Shrivishal B, and Harini P of III-year CSBS (2025 Batch) have published a paper titled "Line Follower Robot for Autonomous Warehousing Using Design Thinking Approach" in International Journal of Science, Engineering and Technology, (IJSET), Vol 11 Issue 6 on 24th November 2023.
- Oviya E, Shreyash M, Saran Raghav of III-year CSBS (2025 Batch) have published a paper titled "Legal Awareness App Using Design Thinking Approach" in the International Journal for Multidisciplinary Research (IJFMR), Volume 5, Issue 6, on 29th November 2023.
- Mari Sankar P, Praveen D, Arun Kumar P of III-year CSBS (2025 Batch) have published a paper titled “Integrating Bio-metric Authentication in E-challan Machine” in International Journal for Multidisciplinary Research (IJFMR), Volume 5, Issue 6, on 25th November 2023.
- Akash M, C N Likith, Sudharshan B of III-Year CSBS (2025 Batch) have published a paper titled "Classroom Allocation and Free Slot Identification System Using Design Thinking Approach" in International Journal of All Research Education and Scientific Methods (IJARESM), Vol 11, Issue 11, on 29th November 2023.
- Nivetha A, Nandine S S, Mohideen Zafraan of III-year CSBS (2025 Batch) has published a paper titled "Dissolvable and Biodegradable Packaging with Agar Agar Using Design Thinking Approach" in International Journal for Multidisciplinary Research (IJFMR), Vol 5 Issue 6, on 29th November 2023.
- Sushil Udaya Kumar B, Suprajaa A, Kishore P of III-year CSBS (2025 Batch) have published a paper titled " Intellectual Property Awareness App using Design Thinking" in International Journal of Research Trends and Innovation (IJRTI), Vol 8, Issue 11, on 13th November 2023.
- Ganesh S A, Aakash K, Bhuvanesh M of III-year CSBS (2025 Batch) have published a paper titled “Expandable Umbrella Using Design Thinking Approach” in International Journal for Multidisciplinary Research (IJFMR), Volume 5, Issue 6, on 3rd December 2023.
- Sarath Babu RS , Mukesh Padmanabhan K , Shyam Karttik S , and Kalaipriyan V of III-year CSBS (2025 Batch) has published a paper titled “Automated Birthday Wish Sender using Design thinking approach” in International Journal For Multidisciplinary Research(IJFMR), Vol 5 Issue 6, on 22nd November 2023.
- Ashvin A, Brianbojoyou J, Abilash V of III-year CSBS (2025 Batch) have published a paper titled “Automated Pet Feeder Using RFID Technology Using Design Thinking Approach” in International Journal for Research in Applied Science and Engineering technology (IJRASET), Volume 11 Issue XI, on 18th November 2023.
- G Jai Sreedhar., Jainam S Mardia., T Jagan Balaji., Sudharsan Sridhar, “Smart Glasses Designed Using ESP32-Cam Coupled with Google Lens”, September 2023, Lecture Notes in Networks and Systems, PP:139-150, ISSN:2367-3370, ISBN: 978-981-99-4931-1. Doi: https://doi.org/10.1007/978_981-99-4932-8_14
- Ragupathy P, Shyam D, Madhavan T, Rakshana Maria John, Sivamani D, Namachivayam M, Attended IEEE International Conference on Multidisciplinary Research in Technology and Management 2023 and presented a paper titled “Design

of Optimal Hybrid Mode Power Flow Controller for Power Quality Improvement” on 23.9.2023.

- Babu.M, Mahan Mithrar.H, RohithKumar.S ,” Polisentix: Political Sentiment Analyse”, 8th International Conference on Smart Trends for Computing and Communications on Jan 12 &13 ,2024.
- Mahalakshmi p , Deepak S, Devadarshini R, “A Review on suspicious behaviour detection at heriatage sites using quantum enhanced deep learning”, 8th International Conference on Smart Trends for Computing and Communications on Jan 12 &13 ,2024.
- Priya L, B.Chandrasekar, S.Kapilamithran, A.Surenda, "A Novel Computer vision framework for the Automated Visual Inspection for Quality Control of Automotive Fasteners", 5th International Conference on Computer Networks, Big Data, and IoT (ICCBI 2023), Care College of Engineering in Trichy, Tamil Nadu, India, on 14-15 December 2023.
- Leena Jenifer L, Karthik R, Jishnu Vardan SR,” A Framework for the Network Intrusion Detection System Employing Memory-Based Learning Techniques “,5th International Conference on Computer Networks, Big Data, and IoT (ICCBI 2023), Care College of Engineering in Trichy, Tamil Nadu, India, on 14-15 December 2023.
- Priya.L, Harshitha.K, Hayagreevar GSP, Indujaa B, Sandhiya M, “REC Connect: A comprehensive android file transfer application” 3rd International Conference on Evolutionary Computing and Mobile Sustainable Networks ICECMSN, 9-10, November 2023, Hindusthan Institute of Technology, Coimbatore, India.
- Sethuraman B, Niveditha S. Cerebrovascular Accident Prognosis using Supervised Machine Learning Algorithms. In2023 World Conference on Communication & Computing (WCONF), IEEE Xplore, 04 September 2023,pp. 1-8, DOI: 10.1109/WCONF58270.2023.10235122.
- Subramanian, M., Selvam, R., Monish, N. and Vinoth, B., 2023. Multi-attribute optimization of AWJMparameters on hybrid kevlar/SS wire mesh epoxy composites. Materials and Manufacturing Processes,pp.1-15.
- Karupaiah, V. and Narayanan, V., 2023. Influence of process parameters on ageing and free vibration characteristics of fiber-reinforced polymer composites by fusion filament fabrication process. International Journal of Materials Research, 114(10-11), pp.824-831.

Sports:

College team won: 20

- Cricket (men) team which **Won the Title** in Anna University zonal tournament Organized by SVCE.
- Throwball (Men & women) team which **Won the Title** in Inter-collegiate Throwball Tournament organized by Saveetha Engineering College.
- Volleyball (men) team which secured **Runner-up** in the Anna University Zonal tournament Organized by Chennai Institute of Technology , Chennai.
- Hockey (men) team which secured **Runner-up** in Anna University zonal tournament Organized by College of Engineering, Guindy.
- Basketball (women) team which secured **Runner-up** in Anna University zonal tournament Organized by Sri Venkateswara College of Engineering.

- Ball Badminton (women) team which secured **Runner-up** in Anna University zonal tournament Organized by PB Engineering College.
- Volleyball (men) team which secured **Runner-up** in the National Level Inter-Collegiate Tournament Organized by Sastra Deemed University, Thanjavur.
- Cricket (men) team secured **Runner-up** in State level Cricket tournament Organized by SSN College of Engineering.
- Ball Badminton (men) team which secured **Runner-up** in Anna University zonal tournament Organized by College of Engineering, Guindy.
- Football (men) team which secured **Runner-up** in the Inter-Collegiate Tournament Organized by Sri Venkateswara College of Engineering.
- Volleyball (women) team which secured **Runner-up** in the Inter-Collegiate Volleyball tournament Organized by Saveetha Engineering College.
- Chess (women) team which secured **Third Place** in Anna University zonal tournament Organized by Saveetha Engineering College.
- Tennis (men) team which secured **Third Place** in Anna University Zonal tournament organized by College of Engineering, Guindy.
- Basketball (men) team which secured **Third Place** in Anna University zonal tournament Organized by Rajalakshmi Engineering College.
- Volleyball (women) team which secured **Third Place** in Anna University zonal tournament Organized by Kings Engineering College.
- Swimming (men) team which secured **Third Place** in Anna University Inter - zonal tournament in the event 4X100M Medley relay, 4X100M Freestyle relay Organized by MNM Jain Engineering College.
- Football (men) team which secured **Third Place** in the National Level Inter-Collegiate Tournament Organized by Sastra Deemed University, Thanjavur.
- Basketball (women) team which secured **Third Place** in the National Level Inter-Collegiate Tournament Organized by Sastra Deemed University, Thanjavur ..
- Volleyball (men) team which secured Third place in the State-level volleyball tournament Organized by SSN College of Engineering.
- Basketball (Men & women) team which secured **Third Place** in the Inter-Collegiate Tournament Organized by Sri Venkateswara College of Engineering.
- Lekshmi Raman K V from III/V was the runner-up in the volleyball event at CIT, Anna University, on 5/9/2023.
- The Handball men's team, led by Priteesh C.V, comprising members participated in the Anna University zonal tournament. They secured the runner-up position representing Saveetha Engineering College on October 14, 2023.
- The Volleyball women's team, consisting of Nandhithaa N, Keerthana R, Soundarya Sublakshmi Ramesh, Vaishnavi Manoj, and Roshni G participated in the Anna University zonal tournament. They achieved the third place representing Kings Engineering College on October 26, 2023.
- The Basketball women's team, led by Nandhithaa N and Hemalatha S competed in the Anna University zonal tournament They secured the runner-up position representing Sri Venkateswara College of Engineering on November 4, 2023.
- Neha Dian Joseph T M represented in Chess in the zonal tournaments. She attained the third position, representing Anna University Sports Board, on December 4, 2023.

- Dileep Kumar R of II BME represented the Volleyball (men) team of REC, secured runner-up in the Anna University zonal tournament organized by Chennai Institute of Technology, Chennai on 05.10.2023.
- Kavinraj P of III BME A represented the Ball Badminton (men) team of REC which secured runner up position in Anna University zonal tournament Organized by College of Engineering, Guindy on 13.10.2023
- Mohamed Amirudeen P of II BME represented the Handball (men) team which secured runner up in Anna University zonal tournament Organized by Saveetha Engineering College on 14.10.2023
- Mr. Gokulnath M of III BME and Adithya of I BME represented the college Hockey (men) team which secured the Runners Up position in the Anna University zonal tournament organized by the College of Engineering, Guindy, on 20.10.2023.
- Mira Bhagyavathy P C/210301050 of 3rd year BME A represented college women's Zonal level Volleyball tournament conducted at Kings Engineering College and won 3rd place - 26.10.2023
- Srinithi M and Vijayashree G of II BME 'B' represented college Ball Badminton (women) team which secured Runners up in Anna University zonal tournament Organized by PB Engineering College on 06.11.2023
- Brian Bojoyou J has secured Third Position in the Football (Men) team event in the Anna University Zonal Tournaments 2023-2024 held at P B College of Engineering from 19th October 2023 to 20th October 2023.
- Brian Bojoyou J has secured Second Place in Football at the National Level Symposium, Kridayanthrik'23 held at Rajalakshmi Engineering College on 9th November 2023 and 10th November 2023
- Mukhilan S S participated in the arm wrestling event at the Tamilnadu Armwrestling Championship. The event took place from October 22, 2023, to October 23, 2023. Mukhilan S S secured the second prize or runner-up position.
- Lakshasri.D.P participated in the ballbadminton event organized by Anna University. The event was held on November 6, 2023. Lakshasri.D.P achieved the second prize or runner-up position.
- Ram Prakash participated in the Chennai runs event organized by Chennai Round Table. The event occurred on November 26, 2023, where Ram Prakash received a medal.
- Navyasree. S / II ECE-C, Saraniya M.R. / II ECE-C, Boomika M.B.G / I ECE A won Third place in Chess (Women) team at Anna University Zonal Tournament organized by Saveetha Engineering College on 23.09.2023.
- Syed Abdul Saleem / IV ECE won Third place in Tennis (men) team at Anna University Zonal tournament organized by College of Engineering, Guindy on 29.09.2023 and 30.09.2023.
- Abubakar Harith A / IV ECE, Akash A / I ECE won Third place in the Basketball (men) team at Anna University zonal tournament Organized by Rajalakshmi Engineering College on 04.10.2023.
- Shyam R / IV ECE, Yuvaraj / II ECE Sharvesh S/ I ECE, Ahamed Faisal A / I ECE, secured Runners Up in the Hockey (men) team at Anna University zonal tournament Organized by College of Engineering, Guindy on 20.10.2023.
- Dinesh M / IV ECE, Kavin V / III ECE, Darshan B / III ECE won the title in the Cricket (men) team at Anna University zonal tournament Organized by SVCE from 13.10.2023 to 18.10.23.

- Padma Kumar S / IV ECE secured Runners Up in the Handball (men) team at Anna University zonal tournament Organized by Saveetha Engineering College on 14.10.2023.
- Aishwarya P.T / III ECE, Harini J.M / I ECE secured Runners Up in the Basketball (women) team Anna University zonal tournament Organized by Sri Venkateswara College of Engineering on 04.11.23.
- Harisha P / III ECE, Nisha P / II ECE, Mahalakshmi D / III ECE secured Runners Up in the Ball Badminton (women) team at Anna University zonal tournament Organized by PB Engineering College on 06.11.2023.
- Mr.Suriyaprakash M, Vishwa.S & Santhosh Kumar.V of II EEE secured Runner-up in the Volleyball (Men) team Anna University Zonal tournament Organized by Chennai Institute of Technology ,Chennai on 05.10.2023.
- Mr.Shivaguru R,Kalanithi.K of III EEE & Nishanth.N of II EEE secured Runners up in Ball Badminton (Men) team Anna University zonal tournament Organized by College of Engineering,Guindy on 13.10.2023
- Mr.Sri Karthikeyan.P of III EEE and S.Maithresh of I EEE Won the Cricket (Men) team Title in Anna University zonal tournament Organized by SVCE from 13.10.2023 to 18.10.23
- Mr.S.Muthukumar of III EEE secured Handball (Men) team Runners up in Anna University zonal tournament Organized by Saveetha Engineering College on 14.10.2023
- Ms.S.Madhupriya of III EEE secured Basketball(women) team Runners up in Anna University zonal tournament Organized by Sri Venkateswara College of Engineering on 04.11.23.
- Muthusammy, Deepak Kumar & Kamalesh, Runner in Throwball organized by YMCA on 31/08/2023
- Raghuram, 3rd place in Basketball organized by Anna University on 04/10/2023.
- Lakshay R, a second-year student, earned third place in the Tennis (men) event at the Anna University Zonal tournament on September 29, 2023.
- Tharan Raj S, in his first year, achieved third place in the Basketball (men) Zonal tournament hosted by Anna University on October 4, 2023.
- Third-year student Kishore Kumar K also secured third place in the Basketball (men) category at the same Anna University Zonal tournament on October 4, 2023.
- Thiagarajan S (201101517), Mechanical, Runners up in Anna University Zonal tournament - Volleyball (Men) organized by Chennai Institute of Technology on 05.10.2023.
- Chandrabose M, Mechanical, runner-up in Anna University zonal tournament - Ball Badminton (men) organized by CEG, Anna University on 13.10.2023.
- Arvinth M, Mechanical, Won the Title in Anna University zonal tournament - Cricket (men) organized by SVCE, Anna University on 13.10.2023 – 18.10.2023.
- Jeevanesh R, Sri Prasath V, Mechanical, Runners up in Anna University zonal tournament - Handball (men) organized by Saveetha Engineering College on 14.10.2023.
- Rahul.R -221101074 of II MECH C has won First Prize in Cricket—Zonal Tournament organized by SVCE on 13/10/2023.

NPTEL - Jul - Dec 2023

Ranked "AA"

- within top 100 ranks – 38th / 5000+ LCs
- 14 times consecutively in Top 100 Ranks since 2015
 - ✓ Toppers: 41
 - ✓ Gold: 13
 - ✓ Silver: 122
 - ✓ Elite: 425
 - ✓ NPTEL STARS :

<i>NPTEL STAR CATEGORY</i>	<i>Learners</i>
NPTEL Believers	4
NPTEL Discipline Stars	9
NPTEL Domain Scholars	1
NPTEL Enthusiasts	1
NPTEL Motivated Learners	4

Industrial Visits:

Industrial Visits: 47

Total no. of Organisations Visited : 40

- Aeronautical Engineering second year students visited Indian Naval Air Station Rajali, Arakonam on 10/11/23.
- Aeronautical Engineering final year student visited Satish Dhawan Space Centre (SDSC), SHAR, Sriharikota on 23/11/23.
- AIML second year visited Spring Technologies, Puducherry, on 26th October 2023.
- Automobile Engineering third and final year students visited Emerald Tyres on 3/11/2023.
- Automobile Engineering third and final year students visited Global Automotive Research Centre on 8/11/2023.
- Bio Technology second year students visited TNAU from 17/10/2023 to 19/10/2023.
- Bio Technology third year students visited SNJ Breweries Pvt., Ltd on 31/10/2023.
- Bio Technology third year students visited Modern Breads Pvt. Ltd on 14/11/2023.
- Bio Technology PG students visited IIT Madras, SAIF on 03/11/2023.
- Biomedical Engineering third year students visited Sadhana Forest, Auroville on 06.09.2023 and 07.09.2023.
- Biomedical Engineering second year students visited Sadhana Industrial visit to Rajalakshmi Medical College Hospital and Research Centre, Chennai on 22.08.2023 and 25.08.2023.
- Civil Engineering second and final year students visited construction site Avadi on 02.09.2023.
- Civil Engineering second and third-year students visited SLATA FACIA Brick Pvt. Ltd., Kancheepuram on 05.09.2023.
- Civil Engineering third-year students visited Convention Centre Construction Site, Medavakkam on 26.09.2023.
- Civil Engineering second and final year students visited SERC, Taramani on 29.09.2023.
- CSBS students visited Network Geek - Broadcasting Ideas on 21st September 2023 and RETECH LASERS on 18th October 2023.
- Computer Science and Engineering third year students visited Network Geek - Broadcasting Ideas on 01.09.2023.
- Computer Science and Engineering third year students visited Satish Dawan Space Centre SHAR on 07.09.2023.

- Computer Science and Engineering second year students visited Surfboard Payments India Private Limited on 27.09.2023.
- Computer Science and Engineering second year students visited Surfboard Payments India Private Limited in September.
- Electronics and Communication Engineering third year and PG students visited the ISRO, Nellore, Andhra Pradesh on 09.11.2023.
- Electronics and Communication Engineering second year students visited the NIOT Pallikaranai, Chennai on 20.10.2023.
- Electrical and Electronics Engineering third year students visited Sri Vignesh Automotive Industries on 22.09.2023 & 23.09.2023.
- Electrical and Electronics Engineering second year students visited Shiv Prema Industries Pvt Ltd on 29.09.2023.
- Electrical and Electronics Engineering second year and final year students visited Toshniwal Hyvac Pvt. Ltd. in October.
- Electrical and Electronics Engineering final year students visited India Nippon Electrical Ltd. on 07.11.2023 and 08.11.2023.
- Food Technology final year students visited M S Swaminathan Research foundation in Taramani, Chennai on 26th September, 2023.
- Food Technology second year students visited Manna foods (Southern Health food Pvt Ltd), Minjur on 17th October 2023.
- Food Technology first year students visited Aavin Industries on November 23rd, 2023.
- Information Technology third year Industrial visit to surfboard- 02/11/2023 & 03/11/2023.
- Information Technology second year students visited BSNL Industrial visit on 04/11/2023.
- Mechatronics second year and third year students visited Ashok Leyland Exhibition in Nandambakkam on 08.09.2023 & 09.09.2023.
- Mechatronics second year students visited Modern Bakers Madras Pvt Ltd in Nandambakkam on 09.09.2023.
- Mechanical Engineering second year students visited Defence Expo at Chennai Trade Centre on 05.09.2023.
- Mechanical Engineering final year students visited Titan Company Ltd on 09.09.2023.
- Mechanical Engineering third year students visited Ashok Leyland Pvt Ltd, Hosur on 22.09.2023.
- Mechanical Engineering second year students Carborundum Universal Ltd on 23.09.2023.
- Mechanical Engineering second year students Precision Equipment's Ltd on 29.09.2023.
- Mechanical Engineering final year students Tube Investments of India Ltd on 29.09.2023.
- Mechanical Engineering final year students Caterpillar India Pvt Ltd on 18.10.2023.
- Robotics and Automation third year students visited NIDEC India Precision Tools Ltd on 05.09.2023.
- Robotics and Automation second year students visited NIDEC India Precision Tools Ltd on 22.09.2023.
- Robotics and Automation final year students visited BHEL Ranipet on 30.09.2023.

- Robotics and Automation third year students visited NLC India Neyveli on 27.10.2023.
- Department of MBA had taken students to ISRO, Bengaluru for an Industrial Visit on 20.9.2023
- Department of MBA had taken 50 students to Adani Port, Kattupalli for an Industrial Visit on 10.10.2023.
- Department of MBA had taken 250 students to Pradeep Stainless Pvt Ltd, Chennai for an Industrial Visit on 28th & 29th Nov 2023.

Faculty Achievements:

- Dr. D. Udhayakumari, Assistant Professor / Chemistry, ranked at the **Top 2% of Most Influential Scientists** worldwide, based on the citations & h-index, as published by Elsevier for 2023 (Stanford University).
- Dr. M. C. Jobin Christ, Professor attended 38th Indian Engineering Congress at Jabalpur on 27.12.2023 and received **Engineering Education Excellence Award 2023** (Silver) on behalf of our Institute.
- Ms. D. Sorna Shanthi was awarded the **Best Mentor Award** on August 5, 2023, and also received the WIPRO Talent Next certified Faculty Award on September 20, 2023.
- Dr. V. Murali Baskaran received the **Outstanding Leadership Award** from EGN INDIA- Study'n'Learn on December 7, 2023. He also served as a member of the review committee for the 5th International Conference on Information Management & Machine Intelligence (ICIMMI-2023) held at Poornima Institute of Engineering & Technology, Jaipur, Rajasthan, India from November 23 to November 25, 2023.
- Dr.C.B. Ragothaman, Professor, publishes a chapter in **Unique Guinness record attempt for the "Thickest Book in the world"** Certificate issued on 26,27th August 2023 published by ESN Publication ISBN 978-93-95196-75-8.
- Dr. L. Priya Received an Award from the Aram Foundation for her extraordinary contribution to Research and Development on 17.12.2023.
- Mr. Vasthadu Vasu Kannah DL, Assistant Professor, Department of Aeronautical Engineering was awarded the Best Faculty Award at the Science Father International Research Awards on New Science Inventions (NESIN) on January 16, 2024.
- Dr Suresh Chandra Khandai, Head & Professor, Department of Aeronautical Engineering was awarded as one of the top 20 expert faculties in the field of electrical, electronics, civil, mechanical and aeronautical engineering for the year 2022. from uLektz, an organization that identifies, recognizes, and awards contributors to higher education. The certificate was awarded on August 31, 2023.
- Mr Shebaz Ahmed, Assistant Professor, Department of Aeronautical Engineering, was awarded as faculty volunteer by SAE India on 21st October 2023.
- Dr. Kathiravan, Professor, Department of Aeronautical Engineering is recognised as the Anna university research supervisor under the faculty of Mechanical Engineering.
- Ms. Karuppathal E and Dr. Kalpana R Professor and Dean of department jointly presented a paper titled "Morlet Wavelet Transform for EEG Time Frequency Analysis in a Stroop Test" in the MAHSA international conference on industrial revolution, information and communication technology on 27 – 28 October 2023,

organized by Faculty of Engineering, Built Environment and Information Technology, MAHSA University, Malaysia and won "Best Presenter Award".

- Dr.P.Sivakumar Professor of EEE department acted as member in DAAB meeting - Curriculum formations at PMC –Hosur on 8th September 2023.
- Dr. A. Selvaraj, Professor, Dept of EEE, received an appreciation certification for mentoring project which won first prize in project - Idea Explorer held at SRM institute of science and Technology on 27th October 2023.
- Mrs. R. Padmavathi Assistant Professor (SG), received an appreciation certification for mentoring project which won second prize in project - Idea Explorer held at SRM institute of science and Technology on 27th October 2023.
- Mrs D.Sivamani Assistant Professor (SS) received appreciation certificate from South Asian University, India for acting as a technical program committee member and reviewer in the congress on Smart Computing Technologies (CSCT 2023) held during December 02nd March, 2023.
- Mrs. C. Renuga, Assistant Professor (SG) and Mr. Charles Sagayaraj, Assistant Professor, Department of Humanities and Sciences -Mathematics, have received Certificate of Appreciation for being recognized as NPTEL discipline Star for the period from July-Dec 2023.
- Dr. A. Kalaivani has been appointed as Program Committee Member and Reviewer for 2nd International Conference on Advances in Data Driven Computing and Intelligent System (ADCIS-2023) during Sept. 21-23, 2023.
- Dr. L. Priya is a member in FIMA with an ID: A-00027-2324 FIMA MEMBERSHIP 22.11.23.
- Dr. A. Kalaivani as a DC Member for candidate "P.Renuka" under the Supervisor Dr.Booba Rajasekhar in Vels University and conducted 4th DC Meeting on 12.09.2023.
- Dr. A. Kalaivani has been appointed as Technical Program Committee and Reviewer for 3rd International Conference on Congress on Smart Computing Tecnologies - CSCT 2023 during Dec 2-3, 2023.
- Dr. A. Kalaivani has been appointed as Reviewer for International Conference CRM 2023.
- Dr. A. Kalaivani has been appointed as Reviewer for EGREEN Scopus Indexed Journal
- Dr. A. Kalaivani has been appointed as Reviewer for AJSE Scopus Indexed Journal
- Dr. A. Kalaivani has been appointed as PCM Member for ICTBig 2023
- Dr. Uma Raman M, Professor and Head, Department of MBA received Academic Excellence Award 2023 from Innovation Online Training Academy (IOTA) on 01.01.2024.
- Dr. Uma Raman M, Professor and Head, Department of MBA has received an appreciation certificate from Ministry of Education for exceptional contribution as an Evaluator in Smart India Hackathon 2023.
- Dr. Uma Raman M, Professor and Head, Department of MBA is an “Associate Member, International Society for Development and Sustainability, Japan.

- Dr.C.Devanathan and Dr.S.P.Srinivasan have won 3 rd prize in the 36 th CII Tamilnadu State Level “Quality circle” competition held on 27 and 29 th September 2023 at Chennai
- Dr.A.Paramasivam has received an “Academic Excellence Award” for his outstanding contributions to the academic activities in 2023 – 2024. @ 19 Sep 2023
- Dr.A.Paramasivam has been awarded the “NPTEL ENTHUSIAST” on JUL – DEC 2023
- Dr.C.Devanathan has been awarded the “SRRs Best Teacher Award” on September 05, 2023
- Mr. N. Vinothbabu has been awarded the “SRRs Best Teacher Award” on September 05, 2023
- Mr.N.Vinoth babu has been awarded the “BEST INNOVATIVE FACULTY AWARD” ON 15-10-2023 at SRR Publications
- Mr.N.Vinoth babu has been awarded the “NPTEL DISCIPLINE STAR “ on JUL – DEC 2023
- Mr.R.Ragavendiran has been awarded the SRR's Best Teachers Award on September 05, 2023
- Dr. P. Kumar was appreciated with a Certificate of appreciation for being a Technical Committee Member at the MAHSA International Conference on Industrial Revolution, Information Communication Technology 2023 (Mi-IRICT 2023) on October 27, 2023.
- Dr. Anantha Sivaprakasam S was honored with the Global Eminent Academician Award on December 15, 2023. He served as a reviewer for various conferences and also received a Peer Reviewer certificate for a book published by BP publication.
- Dr. S. Vinod Kumar participated in various conferences as a reviewer and program committee member throughout the year 2023.
- Ms. S. Ponmani achieved the NPTEL Certification Elite in Cyber Security and Privacy from July to October 2023.
- Mr. K. Vijay, Mr. Narayana K E, Mr. Duraimurugan N, and Mrs. Jananee V received the WIPRO Talent Next certified Faculty Award on September 20, 2023.
- Mr. B. Bhuvaneswaran and Mr. R. Vijaya Kumar attended the Advanced Technology Program [ATP] training on Cloud Computing conducted by Wipro TalentNext from September 11th to September 15th, 2023.
- Ms. Jaeyalakshmi.M and Ms. Bhavani.M were recognized as Nptel Top performing mentors in April 2023.
- Mrs. U. Farjana achieved the NPTEL Certification Elite Silver in Data Science Using Python from July to August 2023.
- Mrs. M. Santhiya received the Best Paper Award in the 12th International Conference on Advanced Computing (ICoAC - 2023) held on August 18th and 19th, 2023.
- Mr. V. Karthick served as a reviewer in the AIKIE-2023 conference on November 2nd and 3rd, 2023.
- Dr. P. Saravanan delivered a keynote address at the International workshop Biofilm Odyssey organized by SASTRA University, Thanjavur on September 22, 2023. He also presented a research paper titled "Dynamics of Native and Transient Colonizers in the Human Oral Cavity and their secreted exopolysaccharides for combating biofilm control strategies" at the 64th Annual International Conference of the

Association of Microbiologists of India on Microbes for life held at Bundelkhand University, Jhansi, UP from December 1 to December 3, 2023.

- Dr. R. Anila achieved the top position (2%) in the NPTEL course "Elite + Gold - Plant cell Bioprocessing" on October 5, 2023. She also served as a judge for various competitions and exhibitions.
- Dr. V. Gayathri acted as a resource person, delivering a guest lecture on "Positioning intellectual property rights in Bio-entrepreneurship" on October 7, 2023. She also attended a Faculty Development program on "Emotional Intelligence" conducted by ICT Academy.
- Mr. S. Arun Kumar mentored projects that won the South Zone and National Level ABLE BEST competitions in 2023.
- Ms. Shreenidhi K S served as a judge for iGEM 2023 (Remote / Online) held in Paris, France.
- Ms. Divya Lakshmi. S secured the top position (2%) in the NPTEL course "Elite + Gold - Advanced Aquaculture Technology" on November 12, 2023.
- Dr. K. Bhaskar received a "Certificate of Appreciation" from NPTEL for his instrumental role as SPOC for achieving the 38th Rank ('AA' Rating) in all India level ranking among 5000 SWAYAM-NPTEL Local Chapters in India during the period of July-October 2023 on January 20, 2024.
- Mr. P. Pavan coordinated the National Level Electric Two-Wheeler Design Competition 2023 on July 23, 2023.
- Dr. K. Bhaskar presented about the activities of IIIC of REC in the Defence and Technology Show, Edition 2.0, held in Chennai on September 4, 2023.
- Dr. K. Bhaskar and Mr. P. Pavan participated and supported the World EV Day celebrations at GARC, Oragadam, Chennai on September 9, 2023.
- Dr. K. Bhaskar acted as a Judge in the DEVFEST'23 on October 26, 2023.
- Mr. P. Pavan was awarded by SAE India Southern Section for extending support for the SAE Activities on October 21, 2023.
- Mr. P. Pavan was appreciated by the Management of REC with a cash award for supporting Question paper generation using AI on October 16, 2023.
- Dr. K. Bhaskar and Dr. P. N. Selvaraju acted as Judges in SIH2023 - Internal Hackathon on September 21, 2023.
- Mr. K. Mohanraj and TEAM DARK-SIEP participated in the Two-wheeler E-bike competition at Bhopal from January 24 to January 28, 2024, and received the 'Overall Champion' award.

Publications: (September 2023-March 2024)

- Scopus : 127
- SCI : 75
- Books & Book Chapters : 73
- Conference publications : 119
- Faculty with h index more than 3 : 75
- Publications with industry collaboration : 5
- Publications with international collaboration : 18