POTTI SRIRAMULU
CHALAVADI MALLIKARJUNA RAO
ENGINEERING & TECHNOLOGY
(AUTONOMOUS)
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7-3-61, Raghavareddy Rd, Kothapet, Vijayawada,
Andhra Pradesh 520001

DEPARTMENT OF
CSE (INTERNET OF THINGS)
NEWS LETTER

IOT INSIGHTS

Academic Year: 2025 - 2026



DEPARTMENT OF
CSE (INTERNET OF THINGS)

FROM THE EDITOR'S DESK

Editorial Note

It gives us immense pleasure to present this edition of the 'Department Newsletter' of the 'Department of Internet of Things (IoT)' at 'PSCMR College of Engineering & Technology, Vijayawada'.

The rapid advancement of technology has transformed the way we live, work, and interact with the world. Emerging domains such as the Internet of Things (IoT) are driving this transformation by enabling smart, secure, and decentralized digital solutions. As a department, we are committed to nurturing technically competent, innovative, and socially responsible professionals who are prepared to meet the challenges of an increasingly connected world.

This newsletter highlights the academic, technical, research, and extracurricular activities carried out by our department during the academic year. It showcases faculty achievements, student accomplishments, workshops, seminars, guest lectures, industrial visits, certifications, hackathons, research contributions, placements, community outreach initiatives, and other significant milestones. Every achievement featured in these pages reflects the dedication, creativity, and collaborative efforts of our faculty and students.

We express our sincere gratitude to the Management, Principal, Head of the Department, faculty members, students, alumni, industry experts, and all contributors for their unwavering support and valuable contributions in making this publication a success.

We hope this newsletter serves as a source of inspiration, knowledge, and pride for our readers while documenting the remarkable journey of our department. We welcome your valuable suggestions and feedback, which will help us enrich future editions and continue fostering a culture of innovation, excellence, and lifelong learning.

Let this newsletter eelebrate our achievements, strengthen our academic community, and inspire us to continue exploring new frontiers in technology with integrity, creativity, and purpose.

Dr. Sri Silpa P
Chief Editor

Editorial Board

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	: Mr. K.Jayadeep
	: Mr. M.Sudanva

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PRINCIPAL'S MESSAGE



It gives me immense pleasure to present this edition of the *Department Newsletter* of the *Department of Computer Science and Engineering (Internet of Things)* at *PSCMR College of Engineering & Technology*.

In today's rapidly evolving technological landscape, emerging domains such as the Internet of Things (IoT) are transforming industries and redefining the future of digital innovation. These technologies are creating unprecedented opportunities and challenging us to develop secure, intelligent, and sustainable solutions for society .Our institution remains committed to providing an academic environment that nurtures innovation, critical thinking, technical excellence, and ethical values.

The Department of CSE (IoT) has consistently demonstrated its dedication to academic excellence through quality teaching, research, industry collaborations, technical events, skill development programs, and student-centered learning initiatives. I am delighted to witness the remarkable achievements of our faculty and students in academics, research, certifications, internships, hackathons, placements, and various co-curricular and extracurricular activities.

This newsletter is a reflection of the department's vibrant academic culture and the collective efforts of its faculty and students. It documents significant milestones, innovative projects, technical accomplishments, and memorable events that contribute to the holistic development of our learners. I appreciate the editorial team for compiling these achievements into a meaningful publication that showcases the department's continuous pursuit of excellence.

I congratulate the Head of the Department, faculty members, students, and the editorial team for their dedication and sincere efforts in bringing out this newsletter. I am confident that the department will continue to scale greater heights by fostering innovation, promoting research, and preparing globally competent professionals capable of addressing the challenges of the digital era.

I extend my best wishes to the Department of CSE (IoT) for its continued success and hope that this newsletter inspires every reader to strive for excellence, embrace lifelong learning, and contribute meaningfully to society.

DR. S. SARAVANA KUMAR
PRINCIPAL
PSCMR COLLEGE OF ENGINEERING & TECHNOLOGY, VIJAYAWADA

HOD'S MESSAGE

It is my privilege to present this edition of the *Department Newsletter* of the *Department of Computer Science and Engineering (Internet of Things)* at *PSCMR College of Engineering & Technology, Vijayawada*.

Our department is committed to fostering an environment that inspires innovation, academic excellence, and professional growth. With the rapid advancements in the fields of the Internet of Things (IoT), the demand for skilled professionals capable of developing secure, intelligent, and scalable solutions has never been greater. We strive to equip our students with the knowledge, technical expertise, ethical values, and leadership qualities required to excel in this dynamic technological landscape.

Throughout the academic year, our department has actively organized workshops, seminars, guest lectures, industrial visits, technical competitions, coding contests, hackathons, certification programs, and value-added courses to bridge the gap between academic learning and industry expectations. These initiatives provide our students with opportunities to enhance their practical skills, strengthen their problem-solving abilities, and prepare for successful careers in emerging technologies.

This newsletter is a reflection of the enthusiasm, dedication, and accomplishments of our faculty and students. It highlights academic achievements, research contributions, innovative student projects, placement successes, professional certifications, community engagement activities, and memorable departmental events. Every page showcases the collaborative efforts and commitment of our department toward continuous learning and excellence.

I sincerely appreciate the unwavering support of our Management, Principal, faculty members, students, alumni, industry experts, and the editorial team whose collective efforts have made this publication possible. Their dedication and hard work continue to strengthen the academic culture of our department.

I encourage our students to remain curious, embrace lifelong learning, uphold professional ethics, and confidently explore new technological frontiers. Together, let us continue to innovate, collaborate, and contribute to building a smarter, safer, and more connected world.

I extend my heartfelt congratulations to everyone whose achievements are featured in this newsletter and wish the Department of Computer Science and Engineering (Internet of Things) continued success in all its future endeavors.

DR. SRI SILPA P
HEAD OF THE DEPARTMENT
DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING (INTERNET OF THINGS)
PSCMR COLLEGE OF ENGINEERING & TECHNOLOGY, VIJAYAWADA

ABOUT THE DEPARTMENT



ABOUT THE DEPARTMENT

The "Department of Computer Science and Engineering (Internet of Things)' at "PSCMR College of Engineering & Technology, Vijayawada", is committed to providing quality technical education and fostering innovation in emerging technologies. The department is dedicated to equipping students with the knowledge, technical expertise, and leadership qualities to meet the demands of the rapidly evolving IoT world.

The curriculum is designed in accordance with the guidelines of JNTUK and emphasizes a balanced blend of theoretical knowledge, practical learning, research, and industry exposure. It focuses on core concepts such as IoT sensors, Edge Computing, Data Analytics, AI/ML, Cloud Computing, and more, preparing students to excel in next-generation technology solutions.

The department is supported by a team of highly qualified, experienced, and dedicated faculty members who actively contribute to teaching, research, consultancy, and professional development. Faculty members continuously update their knowledge through Faculty Development Programmes (FDPs), certifications, and academic and industry collaborations.

To enhance students' practical knowledge and employability, the department regularly organizes workshops, seminars, guest lectures, industrial visits, hackathons, coding competitions, internships, certification programs, and value-added courses. Students are encouraged to participate in technical clubs, innovation challenges, research projects, and professional society activities.

The department is equipped with modern computing laboratories, IoT development kits, licensed software, and high-speed internet facilities to support experiential and industry-aligned learning. It also provides a conducive environment for project-based learning, innovation, and continuous mentoring. The department strives to produce globally competent professionals capable of designing innovative IoT solutions that make a positive impact on society.

Department Vision

To create a smart, connected ecosystem where devices, data, and people work together seamlessly to improve efficiency, sustainability, safety, and quality of life through real-time intelligence and automation.

Department Mission

M1: To develop secure and scalable IoT solutions that transform real-time data into actionable intelligence for smarter decision-making,

M2: To connect devices, systems, and people through innovative IoT technologies that improve efficiency, sustainability, and quality of life.

M3: To drive digital transformation by designing, deploying, and managing intelligent IoT ecosystems across industries and communities.

DEPARTMENT AT A GLANCE

PROGRAMME OFFERED
B.Tech – CSE (Internet of Things)

AFFILIATION
JNTUK, Kakinada

APPROVED BY
AICTE, New Delhi

INTAKE
60 Students

DURATION
4 Years (8 Semesters)

FOCUS AREAS
IoT | AI/ML | Cloud Computing
Data Analytics | Full Stack Development

LABORATORIES
IoT Lab | Programming Lab
IoT Networking Lab | Project & Innovation Lab

VALUE ADDED ACTIVITIES
Workshops | Seminars | Guest Lectures
PDFs | Industry Visits | Hackathons
Certifications | Internships

CAREER OPPORTUNITIES
IoT Developer | IoT Engineer
Embedded Systems Engineer
Data Analyst | Cloud Engineer
Systems Analyst | Researcher
and more...



IOT LABORATORY



COMPUTING LAB



STUDENTS IN ACTION

PROGRAM EDUCATIONAL OBJECTIVES

PEO 1: Graduates will apply fundamental knowledge of electronics, computing, communication networks, and IoT technologies to design, develop, and implement smart and connected systems.

PEO 2: Graduates will build successful careers in IoT-related industries or pursue higher education and research, contributing innovative solutions to real-world technological problems.

PEO 3: Graduates will demonstrate professional ethics, teamwork, leadership skills, and a commitment to lifelong learning while addressing societal and environmental challenges through IoT solutions.

PROGRAM SPECIFIC OBJECTIVES

PSO 1: To identify, formulate and solve the real life problems faced in the society, industry and other areas by applying the skills of IoT.

PSO 2: To apply conceptual and practical knowledge of Cyber Security along with tools and technologies to avoid, identify, counter, and recover from cyber threats.

PSO 3: To develop skills to build Blockchain applications across a variety of relevant domains.

PROGRAM OUTCOMES

PO1: **Engineering knowledge:** Apply the knowledge of mathematics, science, engineering fundamentals, and an engineering specialization to the solution of complex engineering problems.

PO2: **Problem analysis:** Identify, formulate, review research literature, and analyze complex engineering problems reaching substantiated conclusions using first principles of mathematics, natural sciences, and engineering sciences.

PO3: **Design/development of solutions:** Design solutions for complex engineering problems and design system components or processes that meet the specified needs with appropriate considerations for the public health and safety, and the cultural, societal, and environmental considerations.

PO4: **Conduct investigations of complex problems:** Use research-based knowledge and research methods including design of experiments, analysis and interpretation of data, and synthesis of the information to provide valid conclusions.

PO5: **Modern tool usage:** Create, select, and apply appropriate techniques, resources, and modern engineering and IT tools including prediction and modeling to complex engineering activities with an understanding of the limitations.

PO6: **The engineer and society:** Apply reasoning informed by the contextual knowledge to assess societal, health, safety, legal and cultural issues and the consequent responsibilities relevant to the professional engineering practice.

PO7: **Environment and sustainability:** Understand the impact of the professional engineering solutions in societal and environmental contexts, and demonstrate the knowledge of, and need for sustainable development.

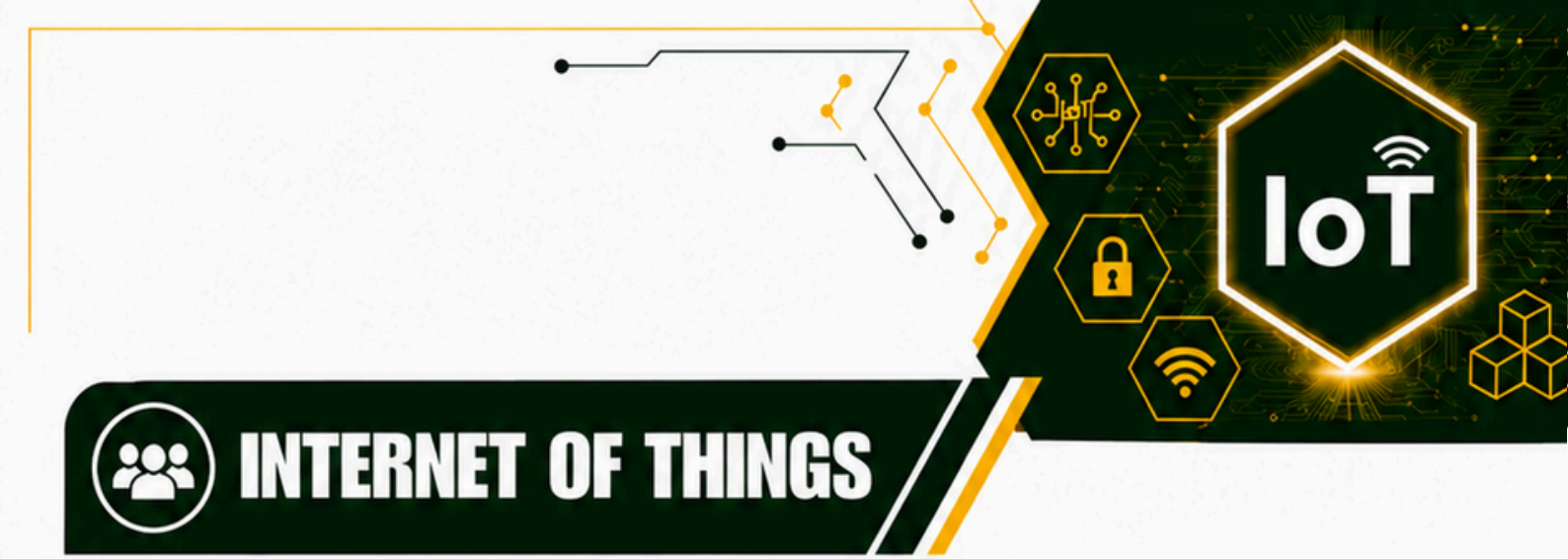
PO8: **Ethics:** Apply ethical principles and commit to professional ethics and responsibilities and norms of the engineering practice.

PO9: **Individual and team work:** Function effectively as an individual, and as a member or leader in diverse teams, and in multidisciplinary settings.

PO10: **Communication:** Communicate effectively on complex engineering activities with the engineering community and with society at large, such as, being able to comprehend and write effective reports and design documentation, make effective presentations, and give and receive clear instructions.

PO11: **Project management and finance:** Demonstrate knowledge and understanding of the engineering and management principles and apply these to one's own work, as a member and leader in a team, to manage projects and in multidisciplinary environments.

PO12: **Life-long learning:** Recognize the need for, and have the preparation and ability to engage in independent and life-long learning in the broadest context of technological change.



INTERNET OF THINGS

OUR FACULTY

01 **Dr.P.S.Silpa**
Associate Professor & HOD

02 **Mr.V.S.R.K.Prasad.G**
Associate Professor

03 **Mrs.S.Dhanujaya**
Assistant Professor

04 **Mr.T.Naga Prasad Rao**
Assistant Professor

05 **Mrs.A.V.Kiranmai**
Assistant Professor

06 **Mrs.S.Priya Vathani**
Assistant Professor

STUDENT ACHIEVEMENTS

TOPPERS OF I B.TECH - II SEM



Podil Vishnu Vardhan

24KT1A4937

8.54 CGPA



Syed Zhuhear

24KT1A4956

8.38 CGPA



Ragola Mrudula Sridevi

24KT1A4939

8.31 CGPA

FACULTY HIGHLIGHTS

FACULTY ACHIEVEMENTS

- Ms.P.S.Silpa has published a paper entitled 'Bayesian Optimised Deep Learning and Ensemble Classification Approach for Multiclass Plant Disease Identification' in Discover Sustainability, Volume 6, July 2025. DOI: 10.1007/s43621-025-01648-1 (Scopus & WoS).
- Ms.P.S.Silpa has presented a paper on 'Optimising Tomato Production: A Smart System for Disease Identification and Fertiliser Recommendation' at the International Conference on AI-Powered Technology Integration for Sustainability (Scopus).
- Ms.P. S.Silpa has presented a paper on 'PBSTAM: A Proactive Borewell Safety Using Teachable Arduino Model' at the International Conference on Applied Artificial Intelligence (Scopus).

FACULTY FDP PARTICIPATIONS

- Mrs.Ch.B.V.Durga has successfully completed the One-Week Faculty Development Program on Quantum Computing: Algorithms and Applications from 01-07-2025 to 05-07-2025.
- Mrs.S.Dhanunjaya has successfully completed the One-Week Faculty Development Program on Quantum Computing: Algorithms and Applications from 01-07-2025 to 05-07-2025.
- Mr.T.N.Prasad Rao has successfully completed the One-Week Faculty Development Program on Quantum Computing: Algorithms and Applications from 01-07-2025 to 05-07-2025.
- Mrs.Ch.Sireesha has successfully completed the One-Week Faculty Development Program on Quantum Computing: Algorithms and Applications from 01-07-2025 to 05-07-2025.
- Mrs.M.Nikhita has successfully completed the One-Week Faculty Development Program on Quantum Computing: Algorithms and Applications from 01-07-2025 to 05-07-2025.
- Mrs.M.Deepika has successfully completed the One-Week Faculty Development Program on Quantum Computing: Algorithms and Applications from 01-07-2025 to 05-07-2025.
- Mrs.M.Nikhita has successfully completed the One-Week Faculty Development Program on Prompt Engineering & ChatGPT Utilisation from 14-07-2025 to 19-07-2025.

STUDENT ACHIEVEMENTS

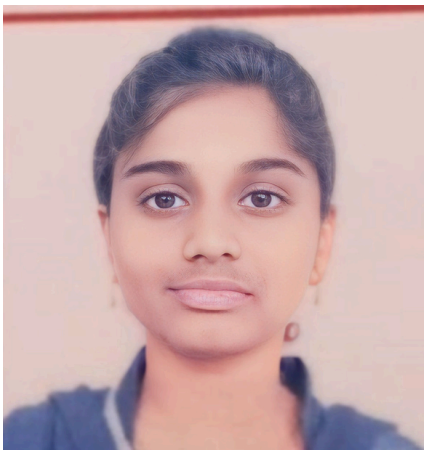
TOPPERS OF III B.TECH - II SEM



Parasa Lavanya
22KT1A4917
8.51 CGPA



Addagarla Tanuja
22KT1A4901
8.47 CGPA



Pilli Neelima

22KT1A4918

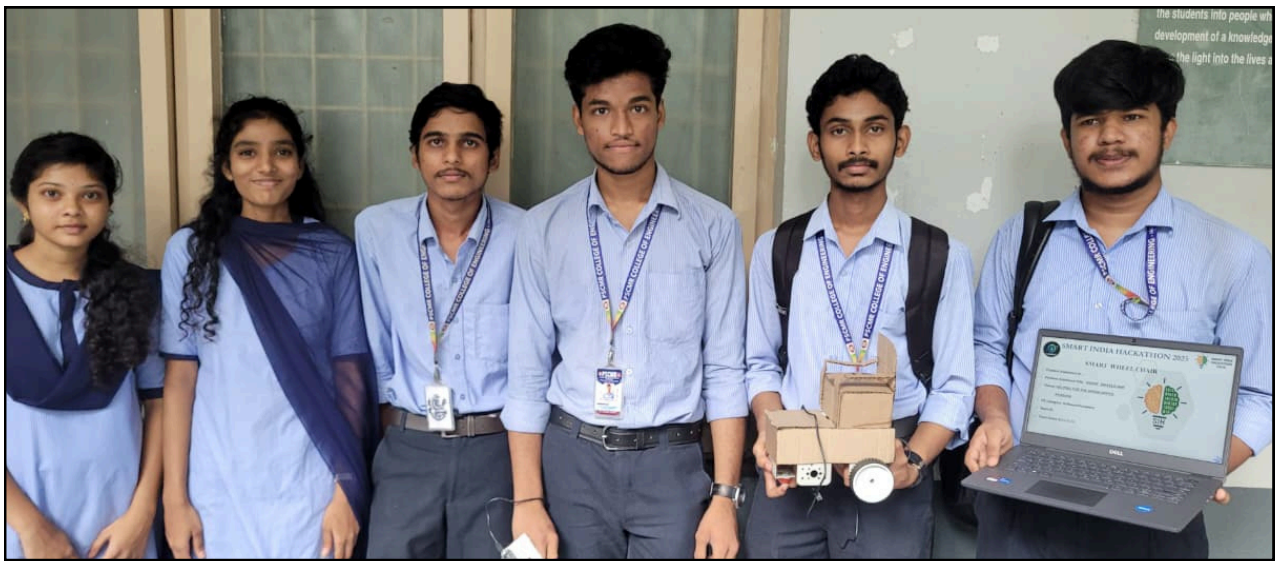
8.19 CGPA

STUDENT ACHIEVEMENTS

Project of 2nd CSO

Smart Wheelchair

“The project was developed by the students of 2nd CSO and presents a Smart IoT-based wheelchair using an ESP8266 NodeMCU that receives motion commands from an MPU6050 gesture sensor as well as through an HTTP web interface.”



FACULTY HIGHLIGHTS

FACULTY ACHIVEMENTS

- Mrs.Ch.B.V.Durga served as a judge for the Ganitha Vijnana Mela Competition held at Vijnana Vihara EM High School on 03-08-2025.
- Mrs.Ch.B.V.Durga served as the Resource Person for the session on AWS and Azure on 12-08-2025.

FACULTY PARTICIPATION

- Mr.T.N.Prasad Rao has successfully completed the One-Week Faculty Development Program on Quantum Computing, organised by the Ramrao Adik Institute of Technology, D Y Deemed to be University, Navi Mumbai, and the New Horizon College of Engineering, Bengaluru, Karnataka, from 11-08-2025 to 18-08-2025.
- Mr.T.N.Prasad Rao has successfully completed the One-Week Faculty Development Program on Augmented Reality/Virtual Reality (AR/VR) in collaboration with ExcelR Edtech Pvt. Ltd. from 25-08-2025 to 31-08-2025.
- Mr.T.N.Prasad Rao has successfully completed the One-Week Faculty Development Program on Data Analytics Using Power BI, organised by the Atria Institute of Technology (AIT), Autonomous, Bangalore, Karnataka, from 28-07-2025 to 01-08-2025.
- Mrs.M.Nikhita has successfully completed the One-Week Faculty Development Program on Recent Trends & Emerging Technologies in Computer Science from 18-08-2025 to 22-08-2025.
- Mrs.M.Deepika has successfully completed the One-Week Faculty Development Program on Augmented Reality/Virtual Reality (AR/VR) from 05-08-2025 to 31-08-2025.
- Mrs.P.Sushma has successfully completed the One-Week Faculty Development Program on Data Analytics Using Power BI from 28-07-2025 to 01-08-2025.
- Mrs.Ch.Sireesha has successfully completed the One-Week Faculty Development Program on Augmented Reality/Virtual Reality (AR/VR) from 25-08-2025 to 31-08-2025.
- Mrs.S.Dhanunjaya has successfully completed the One-Week Faculty Development Program on Augmented Reality/Virtual Reality (AR/VR) from 25-08-2025 to 31-08-2025.

FACULTY HIGHLIGHTS

FACULTY ACHIVEMENTS

- Mr.T.N.Prasad Rao has successfully published a book chapter titled ‘AI in Education Pedagogy’ on 01-09-2025.

FACULTY PARTICIPATION

- Mrs. Ch.B.V.Durga has successfully completed the One-Week Faculty Development Program on Artificial Intelligence (AI) from 18-08-2025 to 17-09-2025.
- Mr.T.N.Prasad Rao has successfully completed the One-Week Faculty Development Program on Cybersecurity & Networking Essentials, organized in collaboration with APSSDC and CISCO, held at VVIT from 08-09-2025 to 12-09-2025.
- Mr.T.N.Prasad Rao has successfully completed the Certificate Course on Networking Essentials, offered by the EdCreate Foundation through the Cisco Networking Academy program, from 08-09-2025 to 18-09-2025.

FACULITY HIGHLIGHTS

FACULTY ACHIVEMENTS

- Mrs.M.Nikitha has successfully completed the NPTEL Certification Course in Accreditation and Outcome-Based Learning.
- Mrs.P.Sushma has successfully completed the NPTEL Certification Course in Ethical Hacking.

FACULTY PARTICIPATIONS

- Mrs. Ch. B. V. Durga has successfully completed certification courses in Linear Regression in Python and LangChain Fundamentals on 04-10-2025.
- Mrs. Ch. B. V. Durga has successfully completed the Course Certificate in LangChain Fundamentals on 04-10-2025.
- Mr. T. N. Prasad Rao has successfully completed the One-Week Faculty Development Programme on 'Recent Trends and Future Perspectives of AI in Image Processing Tools, Techniques, and Applications: Research Perspective', organized by the Department of Electronics & Communication Engineering, S.A. Engineering College, in association with Pantech Solutions Pvt. Ltd., from 13-10-2025 to 18-10-2025.
- Mr. T. N. Prasad Rao has successfully completed the National-Level Professional Development Program (PDP) on Quantum Computing at VNR VJIET, Hyderabad, from 21-10-2025 to 25-10-2025.
- Mr. T. N. Prasad Rao has successfully completed the Quantum Computing PDP organized by VNR Vignana Jyothi Institute of Engineering and Technology, Hyderabad, in collaboration with the Blackbucks Group, from 21-10-2025 to 25-10-2025
- Mr. T. N. Prasad Rao has successfully completed the session on 'Internet of Things in Higher Education Environment' in the Multidisciplinary International Virtual Conference on Digital Futures: Technology's Role in Transforming Society, Education, and Industry, organized by Sri Vidhyodhaya College of Education, Villupuram, Tamil Nadu, from 27-10-2025 to 29-10-2025.
- Mrs.M.Deepika has successfully passed the AWS Certified Cloud Practitioner examination on 04-10-2025.
- Mrs.Ch.Sireesha has successfully completed the One-Week Faculty Development Program on Generative AI with AWS on 04-10-2025.
- Mrs.Ch.Sireesha has successfully completed the One-Week Faculty Development Program on 'Guide to Vibe Coding in Windsurf' on 05-10-2025.

EVENTS & WORKSHOP

Awareness Workshop on Intellectual Property Rights

An IPR Awareness Workshop was conducted on 29-11-2025 at Potti Sriramulu College of Engineering and Technology, Vijayawada, organised by ni-msme and sponsored by AP MSME Development Corporation under the RAMP Scheme. The workshop highlighted the importance of Intellectual Property Rights for innovation and MSME growth









FACULTY HIGHLIGHTS

FACULTY ACHIEVEMENTS

- Mrs.Ch.B.V.Durga has published the textbook named Ethical Hacking on 15-11-2025. This accomplishment reflects her dedication to upgrading her technical skills and staying updated with emerging cybersecurity trends.



FACULTY PARTICIPATION

- Mr.T.N.Prasad Rao has successfully completed the one-week AICTE Training and Learning (ATAL) Academy Faculty Development Program on ‘Recent Trends and Future Directions in AI for Medical Imaging’ at St.Joseph's College of Engineering from 10-11-2025 to 15-11-2025.
- Mr.T.N.Prasad Rao has successfully completed the one-week faculty development program on ‘Advancement in Machine Learning: Emerging Tools and Technology’, organised by the Department of CSE (AIML), Prathyusha Engineering College, in association with Pantech Solutions, from 24-11-2025 to 28-11-2025.
- Mrs.M.Nikhita has successfully completed the one-week faculty development program on Forensic Cybersecurity Concepts from 10-11-2025 to 15-11-2025.
- Mrs.M.Deepika has successfully completed the one-day faculty development program on Intellectual Property Rights on 29-11-2025.
- Mrs.Ch.Sireesha has successfully completed the one-week faculty development program on Forensic Cybersecurity Concepts from 10-11-2025 to 15-11-2025.
- Mrs.P.Sushma has successfully completed the one-day faculty development program on Intellectual Property Rights held on 29-11-2025.

STUDENT ACHIEVEMENTS

STUDENT PLACEMENTS

Name of the Company	No.of Students Selected	Package
NYERAS	1	4 LPA
ABC	3	4 LPA
TATA ELECTRONICS	18	3 LPA
INFOSYS	1	3.6 LPA
MITSUBA	8	3 LPA
SANDSPACE TECHNOLOGY	1	3 LPA
ZENUS GROUP	1	6 LPA

COMPETITION WINS

Students of 3rd CSO proudly secured 2nd position in the Project Expo held at P.V. Siddhartha Arts & Science College. Their innovative ideas and teamwork were highly appreciated, bringing recognition to the department and the institution




ఆలోచన... ఆవిష్కరణ

సమాజానికి ప్రయోజనం చేకూరేలా ప్రాజెక్టులు

విజయవాడ సిటీ, న్యూస్‌టుడే

ప్రస్తుతం ఉన్న వాటి కంటే మెరుగైన ఆవిష్కరణలు రూపొందించాలనేది విద్యార్థుల లక్ష్యం. అలా వారి ఆలోచనలకు అనుగుణంగా.. సమాజానికి ప్రయోజనం చేకూరేలా వివిధ ప్రాజెక్టులు తయారు చేస్తున్నారు. ఆధునిక సాంకేతిక పరిజ్ఞానాన్ని అందిపుచ్చుకుంటూ తయారు చేసిన వివిధ ప్రాజెక్టులను విజయవాడ సిటీ సిద్ధార్థ కళాశాల డేటా సైన్స్, కృత్రిమ మేధ విభాగంలో న్యూరల్ బోర్డుడే పేరుతో మంగళవారం కళాశాలలో ప్రదర్శన నిర్వహించారు. రాష్ట్రంలోని ఇంజినీరింగ్, డిగ్రీ కళాశాలల విద్యార్థులు ఉత్సాహంగా హాజరయ్యారు. వివిధ ప్రాజెక్టులు ప్రదర్శించి బాగా అనిపించారు.

గాలిలో విష వాయువులు మస్తే..

వివిధ సాంకేతికపరమైన లోపాలు, ప్రమాదాల వల్ల పరిశ్రమల నుంచి విష వాయువులు బయటకు వస్తున్నాయి. వీటి వల్ల ప్రజలు అనారోగ్య సమస్యలకు గురవుతున్నారు. వీటిని ముందే కనిపెట్టి అప్రమత్తం చేయవచ్చని పాటి శ్రీరాములు ఇంజినీరింగ్ కళాశాలలో తృతీయ సంవత్సరం చదువుతున్న వై.లోకేశ్‌కుమార్, డి.నిలేష్, నిమ్మ కళాశాలలో బీటెక్ ద్వితీయ సంవత్సరం చదువుతున్న షేక్ సమీర్ చెబుతున్నారు. అడెమ్యూయినో విధానం ద్వారా ప్రాజెక్టు రూపొందించారు. అందులో వాతావరణంలో కాలుష్యం, వర్షం కురిసినప్పుడు, ఉష్ణోగ్రత ఎంత అని సమాచారం చేస్తోంది. కాలుష్యంలో విష వాయువులు వస్తున్నాయని గుర్తిస్తుంది. ఆ సమీపంలో నివసిస్తున్న వారి ఫోన్ నంబర్లకు సంక్షిప్త సమాచారం పంపుతుంది. ముందే అప్రమత్తం చేయడం వల్ల ప్రజలు జాగ్రత్త పడతారు.

STUDENT ACHIEVEMENTS

ACEDEMIC TOPPERS II-B.TECH I-SEM



Ms. DEVATHA N V S S R SRI HARSHINI
24KT1A4910
8.95 CGPA



Ms. CHATLA SAI MOUNIKA
25KT5A4902
8.80 CGPA



Ms. GATTI PUSHPA LATHA
25KT5A4904
8.80 CGPA



Ms. ALUGOLU SAI SRUJANA
24KT1A4902
8.58 CGPA

STUDENT ACHIEVEMENTS

ACEDEMIC TOPPERS III-B.TECH I-SEM



Mr. CHIMAKURTHI SHANMUKHA SAI SRIHARSHA
23KT1A4906
9.22 CGPA



Ms. KOMMERA KAMAKSHI
23KT1A4922
9.22 CGPA



Ms. KOPPALA JYOTHSNAVI
23KT1A4923
9.22 CGPA



Mr. VEMULA BALA SAI VIKAS
23KT1A4958
9.09 CGPA

STUDENT ACHIEVEMENTS

ACEDEMIC TOPPERS III-B.TECH I-SEM



Ms. YALAMANCHILI SRI YASASWI
23KT1A4962
9.09 CGPA



Mr. CHOPPERLA HEMADRI
23KT1A4908
8.74 CGPA



Ms. PYRAPU GEETHIKA
23KT1A4944
8.74 CGPA

STUDENT PARTICIPATIONS

NPTEL Course Name	Branch	Year-Sem	No.of Students Completed
Ethical Hacking	CSO	III-I	19
Programming Java	CSO	II-I	1

EVENTS AND WORKSHOPS

MIND SPRINT - 2K25

Mind Sprint-2K25 is a 36-hour National Level Hackathon organised by PSCMR College of Engineering & Technology, Vijayawada, scheduled on 11th and 12th December 2025, in association with IEEE PSCMR, Brainovision, Rotary and other organisations. The event aims to foster innovations, teamwork, and problem- solving by enabling students to develop solutions to real-world challenges across domains such as AI & ML, Electric Vechiles, Cyber Security & Blockchain, IoT & Robotics, Mobile & Web Applications, Quantum Computing, Biomdeical, Business Planning, Women Empowerment(Girls Only), and Open Innovation.







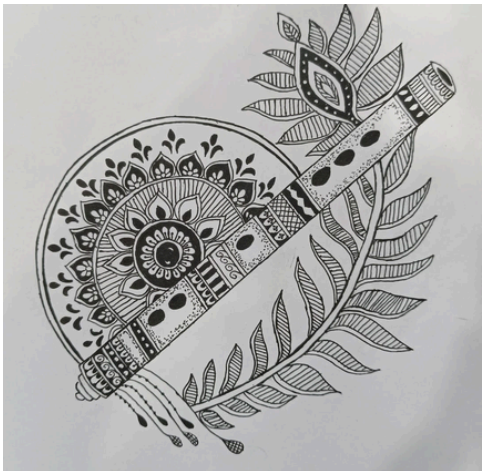


STUDENT CORNER

Art and Talent from students

Mandala Art

Ms.Peethala Durga Malleswari (Roll No. 23KT1A4938) shares her thoughts on art, describing it as a universal language that speaks without words. She highlights how art transforms ideas into powerful expressions, inspires creativity, and reminds us that human imagination knows no limits.





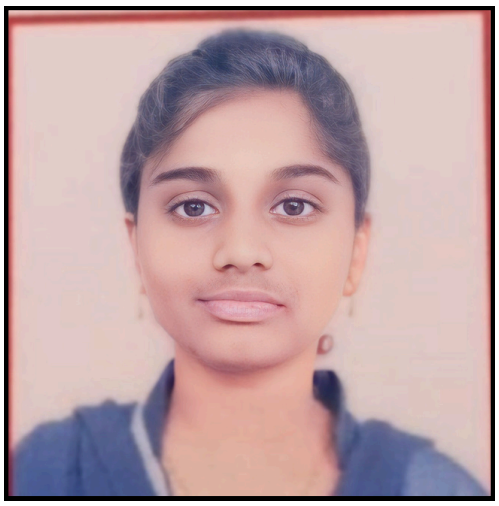






STUDENT ACHIEVEMENTS

ACADEMIC TOPPERS OF IV B.TECH



Ms. Pilli Neelima
22KT1A4918
8.74 CGPA



Ms. Parasa Lavanya
22KT1A4917
8.35 CGPA



Ms. Badam Poorna Pujitha
22KT1A4902
8.22 CGPA



Mr. Muvvala Durga Praneeth
22KT1A4940
8.22 CGPA

STUDENT ACHIEVEMENTS

STUDENT PLACEMENTS

Name of the Company	No.of Students Selected	Package
RFLY Innovations	1	5.5 LPA
Mindexor PVT Ltd	1	4 LPA
ETHNUS	1	2.4 LPA

STUDENT PARTICIPATIONS

Students of III CSO, **Mr.A.Hrudaya Raj Akhil (23KT1A4902)** and **Ms.P.Thanuja (23KT1A4934),** won at Lakshya 2K26 conducted by Lakireddy Bali Reddy College of Engineering on 3rd January 2026.



Students receiving appreciation for winning in Lakshya

Students of III CSO has been awarded On the occasion of National Youth Day, Democratic PRTU Andhra Pradesh honoured **Mr.Rtr. Devi Shashank Narukula**, President – Rotaract Club of PSCMRCET, with the **Youth Icon Award,** presented by Sri A. Md. Imtiaz, Ex-IAS, for his exemplary leadership and impactful community service at a young age.



The student has been awarded on the occasion of National Youth Day

STUDENT PARTICIPATIONS

Ms.Y.Sri Yasaswi (23KT1A4962) actively participated in the **Srujana (Paper Presentation)** event at LAKSHYA 2K26 conducted by Lakireddy Bali Reddy College of Engineering on 3rd January 2026.



Mr.M.Gana Sai (24KT1A4934) received the Certificate of Participation for participating in **XINNO Summit 2026**, Andhra's largest rural innovation summit organized by SPARC Org in collaboration with Grove Growth. The summit was held on 25th January 2026 at Yeleswaram, Kakinada District, Andhra Pradesh, recognizing the participant's commitment to innovation, emerging technologies, and future-ready leadership under the theme "From Rural Minds to Global Innovation."



STUDENT PARTICIPATIONS

S. No	Course / Program / Event	No. of Students
	Certifications of III CSO	
1	Wadhwani Foundation Employability / Entrepreneurship Program	1
2	Infosys Springboard	2
3	IntelliPaat Course Compeltion	2
	Certifications of II CSO	
1	Wadhwani Foundation Employability / Entrepreneurship Program	7
2	Sololearn	1
3	Code Signal	1
4	Entreprenureship & skill development progamme	2

EVENTS AND WORKSHOPS

Workshop on MERN Technology

The Department of Placement & Training Conducted Workshop on “MERN Technology” for the students of III CSE (IoT) from 29th December 2025 to 6th January 2026. by the resource person Mrs.Raja Meenakshi ,an online training sessions in Classroom from 11:15AM to 1:15PM.



Students attending online workshop session

STUDENT ACHIEVEMENTS

ACADEMIC TOPPERS OF IV B.TECH



Ms.P.Lavanya (22KT1A4917) was awarded the Certificate of Merit for securing **First Position** with a CGPA of 8.55 in III B.Tech



Ms.A.Tanuja (22KT1A4901) was awarded the Certificate of Merit for securing **Second Position** with a CGPA of 8.33 in III B.Tech



Ms.P.Neelima (22KT1A4918) was awarded the Certificate of Merit for securing **Third Position** with a CGPA of 8.22 in III B.Tech

STUDENT ACHIEVEMENTS

ACADEMIC TOPPERS OF III B.TECH



Mr.C.Shanmukha Sai Sriharsha (23KT1A4906) was awarded the Certificate of Merit for securing **First Position** with a CGPA of 9.38 in II B.Tech



Ms.K.Jyothsnavi (23KT1A4923) was awarded the Certificate of Merit for securing **Second Position** with a CGPA of 8.95 in II B.Tech



Ms.K. Kamakshi (23KT1A4922) was awarded the Certificate of Merit for securing **Third Position** with a CGPA of 8.87 in II B.Tech

STUDENT ACHIEVEMENTS

ACADEMIC TOPPERS OF II B.TECH



Mr.P.Vishnu Vardhan (24KT1A493) was awarded the Certificate of Merit for securing **First Position** with a CGPA of 8.61 in I B.Tech



Ms.R.Mrudula Sridevi (24KT1A4939) was awarded the Certificate of Merit for securing **Second Position** with a CGPA of 8.31 in I B.Tech



Ms.D.N.VS.S.R.Sri Harshini (24KT1A4910) was awarded the Certificate of Merit for securing **Third Position** with a CGPA of 8.27 in I B.Tech

STUDENT ACHIEVEMENTS

Mr.J.Mohan Sai (24KT1A4920) was awarded the Certificate of Merit for the **Best Male Athlete Award** in II B.Tech



Ms.SK.Sameera (24KT1A4952) was awarded the Certificate of Achievement for securing **Second Prize** in **Chess** at the 18th Annual Sports Meet held on 12th February 2026.



Mr. A. R. H. R. Akhil (23KT1A4902) was awarded the Certificate of Merit for the **"Best Master Planner Award"** in recognition of his excellent strategic thinking, outstanding planning skills, innovative ideas, and remarkable coordination in organizing and executing activities during the Academic Year 2025–26.



STUDENT ACHIEVEMENTS

Name of the Company	No.of Students Selected	Package
Bhavi creations	1	5.5 LPA

STUDENT PARTICIPATIONS

Mr. M. Durga Praneeth (22KT1A4940) & Ms.A.Tanuja (22KT1A4901) students of 4th CSO received a Certificate of Participation from Guru Nanak Institutions Technical Campus (Autonomous) for actively participating in the National Level **"Ideafusion – A Grand Ideathon"** held in February 2026. The recognition was awarded for his enthusiastic involvement, innovative thinking, and dedication during the ideathon event.





Mr.M.Gana Sai, V.Sravya Reddy received the Certificate of Participation for successfully participating in the **Residential Leadership Training Camp for Youth** organized by the Forum of Free Enterprise and M. R. Pai Foundation, Mumbai, in association with SKPVV Institutions, Vijayawada. The camp was conducted on the theme "Future – Ready: Skills, Mindset & Impact for the New Generation" from 28th January to 1st February 2026 at Vidyarthi Student Home, Vijayawada, with the objective of developing leadership qualities and promoting good citizenship among youth.





STUDENT PARTICIPATIONS

S. No	Course / Program / Event	No. of Students
	Certifications of III CSO	
1	Wadhwani Foundation Employability / Entrepreneurship Program	1
2	Google Certification	1
3	My Bharath Online Quiz	1
4	HP Foundation course completion	1
5	Infosys Springboard	2
	Certifications of II CSO	
1	Solo learn	1

INDUSTRIAL VISIT

Educational Visit to SRI KODANDA RAMA AYURVEDA NILAYAM (SASTRY BALM)

Organized a student short visit to the Sri Kodanda Rama Ayurveda Nilayam (Sastry Balm) for II Year B.Tech IoT students on 4th February 2026 as part of the MEFA curriculum to provide practical exposure to production concepts. The visit aimed to bridge the gap between theoretical knowledge and real-time industrial practices by familiarizing students with the stages of production, procurement of raw materials, processing methods, quality control, and packaging. Through direct interaction with the production unit, students gained valuable insights into how traditional manufacturing units operate efficiently while maintaining cost control and product consistency.







Students visited SRI KODANDA RAMA AYURVEDA NILAYAM (SASTRY BALM) as part of an educational exposure

EVENTS AND WORKSHOPS

1. Workshop on Qubits and beyond: A Hands-on Quantum Computing

The Department conducted a workshop on "Qubits and Beyond: A Hands-on Quantum Computing" for the students from 23rd February 2026 to 28th February 2026. The workshop aimed to introduce students to the fundamental concepts of quantum computing, including qubits, superposition, entanglement, and quantum gates, through interactive and hands-on learning sessions. During the workshop, students explored the differences between classical and quantum computing and performed basic quantum experiments using simulators and practical tools. The program helped students gain awareness of the real-world applications of quantum computing and enhanced their analytical thinking and problem-solving skills.





Students attending workshop session

2. Seminar on LinkedIN and Optimization in Cyber Security

A Seminar on LinkedIn Optimization in Cyber Security was organized on 21st February 2026 at PSCMR College of Engineering & Technology, Vijayawada, by the Department of CSE (IoT & Cyber Security Including BCT). The session was conducted by Mr. Rohit with the support of Neeraj to help students enhance their professional digital presence and align their profiles with industry requirements. The seminar covered key aspects of LinkedIn profile building, including professional headlines, summaries, skills, and showcasing certifications and technical achievements. A practical lab session also guided students in creating effective 'About' sections using AI tools and learning strategies to connect with recruiters and HR professionals, helping students prepare for internship and career opportunities in the cybersecurity field.





Mr. Rohit & Neeraj interacting with students

3. Seminar on Build Your Brand

The Rotaract Club of PSCMRCET, in collaboration with Junior Chamber International (JCI), organized an insightful session on Resume Writing and LinkedIn Optimization for IoT department students on 10th February 2026. The session was delivered by GNR Varma, who guided students on creating effective resumes, showcasing their technical skills and projects, and building a professional LinkedIn profile. He also highlighted the importance of personal branding, networking, and maintaining a strong online presence. The session provided useful insights to help students prepare for internships and future placement opportunities.





Students attending workshop

EVENTS AND WORKSHOPS

1. Workshop on Qubits and beyond: A Hands-on Quantum Computing

The Department conducted a workshop on "Qubits and Beyond: A Hands-on Quantum Computing" for the students from 23rd February 2026 to 28th February 2026. The workshop aimed to introduce students to the fundamental concepts of quantum computing, including qubits, superposition, entanglement, and quantum gates, through interactive and hands-on learning sessions. During the workshop, students explored the differences between classical and quantum computing and performed basic quantum experiments using simulators and practical tools. The program helped students gain awareness of the real-world applications of quantum computing and enhanced their analytical thinking and problem-solving skills.





Students attending workshop session

2. Hands-on Implementation of Zabbix Monitoring System

A Hands-on Implementation of Zabbix Monitoring System activity was conducted from 23rd to 25th February 2026 at PSCMR College of Engineering & Technology, Vijayawada as part of an industry-oriented initiative. Sri Bhanu Prakash Reddy, Assistant Commissioner of Police (ACP) assigned practical tasks to third-year students in IoT monitoring using Zabbix, web application development, and cybersecurity. Students implemented a real-time IoT monitoring system, developed web-based prototypes for police-related services, and analyzed phishing and cybersecurity threats, gaining valuable hands-on experience and practical exposure to real-world technologies.





Students Engaging in Hands-on Implementation of Zabbix Monitoring System

STUDENT ACHIEVEMENTS

Our college team proudly represented the institution in the **Handball selections** held on 15th March at JNTUK, Kakinada, showcasing strong teamwork and competitive spirit. The participants demonstrated excellent sportsmanship and dedication, bringing pride to the college through their enthusiastic performance.



P. Vishnu Vardhan participated in the 24-hour Hackathon organized by **AIC ALEAP WEHUB**, held on 22nd & 23rd March 2026 at Siddhartha Hotel Management Grounds, Vijayawada. He actively showcased innovative ideas aligned with Industry 4.0 technologies, demonstrating creativity and problem-solving skills.



STUDENT ACHIEVEMENTS

The team “Binary Brain's” from the II-IoT department participated in a **48-hour National Hackathon conducted by CMR Institute of Technology (CMRIT), Hyderabad**, from 5th to 7th March 2026. The team members, **P. Vishnu Vardhan (24KT1A4937)**, **D. Ram Ganesh (24KT1A4911)**, **K. Pavan (24KT1A4928)**, and **S. Vamsi (24KT1A4944)**, secured 3rd place in the competition, showcasing their innovation, teamwork, and dedication while developing and presenting their project during the continuous 48-hour event.





EVENTS AND WORKSHOPS

A 5-Day Workshop on Agentic AI was successfully conducted for the III B.Tech CSE-IoT students during the Academic Year 2025–26 from 23rd to 28th March 2026 at the Aryabhatta Lab, PSCMRCET, Vijayawada, from 9:00 AM to 4:00 PM. The workshop focused on enhancing students' knowledge and practical skills in designing, implementing, and evaluating autonomous AI agents capable of solving real-world problems using modern AI tools and frameworks. Throughout the program, participants actively engaged in hands-on sessions, collaborative learning, and innovative problem-solving activities. By the end of the workshop, students demonstrated a clear understanding of agentic AI concepts and successfully developed basic AI agent systems, reflecting their ability to apply systematic approaches and emerging technologies in real-world scenarios.





FACULTY HIGHLIGHTS

FACULTY FDP PARTICIPATIONS

- Mr.V.S.R.K.PRASAD.G attended the one-week Faculty Development Program (FDP) on “Effective Teacher Professional Development” conducted from 8th to 12th June 2026.
- Mr.Kuchibotla Sundar Srinivas attended the one-week Faculty Development Program (FDP) on “Effective Teacher Professional Development” conducted from 8th to 12th June 2026.
- Mrs.Paruchuri Jayasri attended the one-week Faculty Development Program (FDP) on “Effective Teacher Professional Development” conducted from 8th to 12th June 2026.
- Mr.Prakhya Surya Bharath attended the one-week Faculty Development Program (FDP) on “Effective Teacher Professional Development” conducted from 8th to 12th June 2026.
- Mrs.S.Dhanunjaya attended the one-week Faculty Development Program (FDP) on “Effective Teacher Professional Development” conducted from 8th to 12th June 2026.
- Mr.V.S.R.K.PRASAD.G Successfully participated in the One-Week Faculty Development Program (FDP) on "Next-Gen Frontiers: Cyber Security, Generative AI, and Quantum Computing" organized by JNTU Kakinada in collaboration with PSCMR College of Engineering & Technology from 15-06-2026 to 19-06-2026,.
- Mr.Kuchibotla Sundar Srinivas Successfully participated in the One-Week Faculty Development Program (FDP) on "Next-Gen Frontiers: Cyber Security, Generative AI, and Quantum Computing" organized by JNTU Kakinada in collaboration with PSCMR College of Engineering & Technology from 15-06-2026 to 19-06-2026,.
- Mrs.Paruchuri Jayasri Successfully participated in the One-Week Faculty Development Program (FDP) on "Next-Gen Frontiers: Cyber Security, Generative AI, and Quantum Computing" organized by JNTU Kakinada in collaboration with PSCMR College of Engineering & Technology from 15-06-2026 to 19-06-2026,.
- Mr.Prakhya Surya Bharath Successfully participated in the One-Week Faculty Development Program (FDP) on "Next-Gen Frontiers: Cyber Security, Generative AI, and Quantum Computing" organized by JNTU Kakinada in collaboration with PSCMR College of Engineering & Technology from 15-06-2026 to 19-06-2026,.

FACULTY HIGHLIGHTS

- Mrs.S.Dhanunjaya Successfully participated in the One-Week Faculty Development Program (FDP) on "Next-Gen Frontiers: Cyber Security, Generative AI, and Quantum Computing" organized by JNTU Kakinada in collaboration with PSCMR College of Engineering & Technology from 15-06-2026 to 19-06-2026,.

- Mr.V.S.R.K.PRASAD.G participated in the one-week Online Faculty Development Program (FDP) centered on "Evolution of Language Models: N-Gram based LM to LLM" which took place from June 1st to June 5th, 2026. The rigorous program was organized by the Department of CSE in coordination with the Centre for Excellence in Teaching, Learning and Innovation (CETLI) at Sreenidhi University, Hyderabad.

FACULTY PARTICIPATIONS

- Mr.V.S.R.K.PRASAD.G participated in the Global International Conference on paper titled as “IOT BASED STUDENT EMOTION DETECTION SYSTEM USING SVM” in Global Challenges & AI-Driven Solutions for Sustainable Development (GCAISD 2026), organized by PSCMR College of Engineering and Technology.
- Mrs.S.Dhanunjaya participated in the Global International Conference on paper titled as “Water Surface Waste Detection, Collection and Environmental Monitoring Using a Vision-Based Autonomous Robotic System” in Global Challenges & AI-Driven Solutions for Sustainable Development (GCAISD 2026), organized by PSCMR College of Engineering and Technology.
- Mr.V.S.R.K.PRASAD.G has successfully published a new research paper titled “AI-Based Women Health Risk Prediction And Secure Medical Record System Using Random Forest Classifier”.

FACULTY HIGHLIGHTS

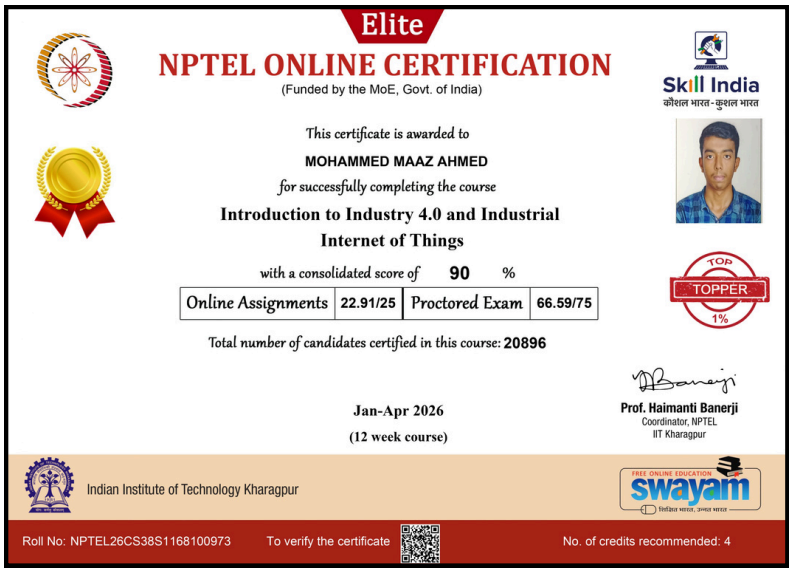


- **Mr.Kuchibotla Sundar Srinivas has** successfully **published a textbook titled "PULSE AND DIGITAL CIRCUITS" on Amazon.** This achievement reflects the department's commitment to research, innovation, and academic excellence.

FACULTY PATENT PUBLISHED

- **Mr. N. P. Surya Bharath has successfully published a patent titled "DECLARATION AS TO INVENTORSHIP"**, showcasing his contribution to innovation and intellectual property development.

STUDENT ACHIEVEMENTS



Mr.MOHAMMED MAAZ AHMED has **successfully earned an elite NPTEL Certification from IIT Kharagpur after completing a 12-week course in Introduction to Industry 4.0 and Industrial Internet of Things.** He achieved a stellar consolidated score of 90%, outstandingly clearing the proctored exam and assignments alongside 20,896 certified candidates nationwide.



Mr.Mandalapudi Sudanva successfully earned **certificate of Achievement in the AI and Data scientist skill** , India's largest career aptitude test conducted by oneRoadmap, showcasing commitment to career growth and skill development.

STUDENT ACHIEVEMENTS

INTERNSHIP OFFER

NPTEL (IIT Madras) of Mr.MOHAMMED MAAZ AHMED for a 12-week in-person internship under Prof. Sudip Misra, **with stipend: ₹15,000 per week** upon successful completionopen to top-performing learners of selected NPTEL courses.

INTERNSHIP COMPLETED

- A total of 10 students successfully completed their internship at Purple Technologies.
- 8 students successfully completed their internship at Quantum Valley.
- The internships provided students with practical industry exposure, enabling them to enhance their technical knowledge, professional skills, and real-world experience.

STUDENT PARTICIPATIONS

Students Course Completion

- 7 students successfully completed the IoT Platforms Overview course through Infosys Springboard.
- 4 students completed The Complete Guide to Building Scalable AI APIs – Quiz offered by Analytics Vidhya.
- 3 students completed LLMOps in Action: Build, Deploy & Scale RAG-Powered AI Systems through Analytics Vidhya.
- 2 students completed the Mastering Claude Cowork course on Analytics Vidhya.
- 3 students completed the IoT and Electronics course through Infosys Springboard.
- 3 students completed Getting Started with Flutter & Dart on Coursera.
- 4 students completed AI Fundamentals through Coursera.
- 7 students completed Deep Learning with Python: CNN, ANN & RNN on Coursera.
- 3 students completed Introduction to Generative AI – Artificial Intelligence and Machine Learning through Skill India Digital Hub.
- 4 students completed Data Science & AI Masters 2026 – From Python to Gen AI on Udemy.
- 4 students completed FinOps for GenAI & Cloud Computing through Udemy.
- 4 students completed the Machine Learning Certification Course for Beginners on Analytics Vidhya.
- 1 student completed the Web Developer Intern program offered by CODEC Technologies.
- 1 student completed the Artificial Intelligence Intern program offered by CODEC Technologies.

EVENTS AND WORKSHOPS

1.IOT Hardware Design, PCB Layout, and Prototyping using KiCad Workshop

Mr.Prakhya Surya acted as a Resource Person for the 5-Day Hands-on Workshop on IoT Hardware Design, PCB Layout, and Prototyping using KiCad, conducted from 22nd June 2026 to 27th June 2026. The workshop focused on schematic design, PCB layout, routing, prototyping, fabrication, and testing using KiCad.



On hand PCB designing with the students

2.Workshop on MERN Technology

All the students attended for the **"Hand's on workshop on MERN Technology"** from 22 June 2026 to 27 June 2026 conducted by **Dr.P.S.Silpa** in Srinivasa Ramanujan lab. Students actively engaged in hands-on sessions and developed simple web applications using the latest technologies



Students attending workshop session

EVENTS AND WORKSHOPS

3.Community Service Project Survey

As part of the Unnat Bharat Abhiyan, students participated in a Community Service Project (CSP) conducted at Agiripalli and Paidurupadu villages on 16th and 17th June 2026, with Mr.Kuchibotla Sundar Srinivas serving as the Coordinator. The initiative focused on community engagement, rural development, and experiential learning, enabling participants to understand local challenges and contribute towards sustainable community development.





PSCMR

COLLEGE OF ENGINEERING & TECHNOLOGY

(AUTONOMOUS)

Door No 7-3-6/1, Raghava Reddy Street, Kothapet,
Vijayawada-520001, AP