NRCM

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ABOUT ECE

The Department of ECE was started in the year 2007 with an intake of 60 students. The intake was increased to 120 students from 2008 and 180 students from 2012 The B. Tech Program in ECE has been accredited twice by National Board of Accreditation (NBA), The department has good infrastructural facilities and is equipped with full-fledged laboratories. The curriculum of the program is designed to equip students with the knowledge and skills necessary to address complex problems in the rapidly evolving Global Technology.

Mother Teresa Block

VISION

ToEmergeas a Centre of excellence in Electronics and Communication Engineering by nurturing skilled professionals through innovative teaching and research, contributing to industry and societal needs with a strong focus on ethics, sustainability, and environmental consciousness.

MISSION

M1:Adopt innovative teaching methods and advanced infrastructure to foster creativity and Innovation. Transform students into skilled professionals and entrepreneurs who drive socio-economic growth

M2: Foster an innovative ecosystem in Electronics and Communication Engineering through collaboration with academia, industry, experts, and government. Promoting research and development among students and faculty

M3: Offer advanced programs that foster research, higher education and ethical values, encouraging students to apply their knowledge and skills for national development and societal benefit

Read More

Workshop Organized

The Department of electronics and Communication engineering in Association With CSI profession society organized a workshop on "5G Mobile Communication" on 31/01/2024 to provide the participants with modern technology advancements in wireless communication. The Aim of the workshop is to provide the participants understanding 5G mobile Communication technology.

The workshop on "Edge computing and IOT Smart Applications" organized by the ECE department in association CSI student chapter Hyderabad to provide students and professionals with a comprehensive understanding of emerging technologies that enable real-time data processing, intelligent decision-making, and smart automation. The session enhanced the importance of collaboration of IOT devices with edge computing platforms to develop efficient, scalable, and secure smart solutions across various domains.

NARASIMHA REDDY ENGINEERING COLLEGE
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Welcome to
A Two-Day Workshop on "Edge Computing and IOT for Smart Applications"
20th March 2024

Chief Guest
Dr J Krishna Chaithanya
Associate Professor
VCE ,Hyderabad

Organized By Department of ECE
IN Technical Association with Computer Society of India Hyderabad Chapter

Date & Venue : 20/3/2024 MT Block Seminar Hall

The Student Activity center of NRCM organized the UTKRIST 2024 .A sports meet plays an important role in the overall development of students and participants. It is not just about competition—it promotes physical fitness, teamwork, discipline, and a healthy lifestyle.

International Yoga Day Celebrations on 21st June, 2024 at NRCM Campus in association with NSS Cell .Celebrating the International Day of Yoga highlights the importance of maintaining a healthy body and a peaceful mind. Yoga promotes physical fitness, mental clarity, emotional balance, and overall well-being. It helps reduce stress, improve concentration, and enhance flexibility and strength. The Yoga Day also encourages Students and faculty to adopt a disciplined and healthy lifestyle by practicing mindfulness, breathing techniques, and regular physical activity. It serves as a reminder of the holistic benefits of yoga and its role in creating harmony between body and mind.

- Neelam Pavithra Assistant Professor ECE department has been recognized as an NPTEL Discipline Star for the January–April 2024 session in the Computer Science and Engineering domain. This prestigious recognition by NPTEL is awarded to learners who demonstrate exceptional consistency, dedication, and disciplined engagement in their academic pursuits. Earning the Discipline Star distinction reflects commitment to regular learning, timely completion of coursework, and outstanding performance in NPTEL certification programs. His perseverance, strong work ethic, and passion for continuous self-improvement exemplify the true spirit of disciplined learning

Faculty Achievement - NPTEL Elite (silver) Certification

N Pavithra, Assistant Professor in the ECE Department, has been awarded the NPTEL Elite (Silver) certification in the January–April 2024 session of the NPTEL Online Certification Examinations. She successfully completed advanced courses in Digital Design with Verilog, Python for Data Science, and Cloud Computing.This achievement reflects her dedication to continuous learning and professional excellence across emerging and multidisciplinary technologies. Her accomplishment strengthens academic enrichment and inspires students to pursue excellence in technical education and skill development

Patents

Mr A Srinivas , Assistnat Professor ,ECE Department has filed a patent titled "Biometric Authorized Secure Vehicle Ignition Control With Smart Alert- The Patent Registration Number : 202441031081A and it was filed on 18/04/2024

(12) PATENT APPLICATION PUBLICATION　　　　(21) Application No.202441031081 A
(19) INDIA
(22) Date of filing of Application :18/04/2024　　　　(43) Publication Date : 26/04/2024

(54) Title of the invention : BIOMETRIC AUTHORIZED SECURE VEHICLE IGNITION CONTROL WITH SMART ALERT

(51) International classification	:G07C0009000000, B60R0025102000, B60R0025100000, G07C0009250000, B60R0025200000	(71)Name of Applicant : 1)John Jayaraj Address of Applicant :University of Technology and Applied Sciences-Muscat ----------- ------------ 2)Gujjula Ramya 3)Gabbeta Ramesh 4)Dr. Shankar D. Chavan 5)Amgoth Srinivas 6)Dr. A.K. Samal 7)Dr. Ch. Asha Immanuel Raju 8)M Rohitha 9)G. Udayasri Name of Applicant : NA Address of Applicant : NA
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)John Jayaraj Address of Applicant :University of Technology and Applied Sciences-Muscat ----------- ------------
(87) International Publication No	: NA	2)Gujjula Ramya Address of Applicant :Vallurupalli Nageswara Rao Vignana Jyothi Institute of Engineering &Technology, Hyderabad, Telangana ----------- -----------
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Filing Date	:NA	

Faculty Publication

- Mr. A Srinivas, Assistant Professor in the ECE Department, has published a paper titled "IoT-Based Child Safety Monitoring System Using Arduino and Raspberry Pi" in the Journal of Non-Linear Analysis and Optimization in March 2024.

- Mrs. N PAvithra, Assistant Professor in the ECE Department, has published a paper titled "Electronic Warfare In Radar Systems: A Comparative Analysis Of Ecm And Eccm" in the International Journal of Data Science and IOT Management System in April 2024.

faculty Attended Conference

- Mrs G spica Sujeetha , Assistant Professor ,ECE Department Published a paper titled comapartive study of smart waste Management system Using IOT Technology in conference on cyber security -current perspectives in June 2024
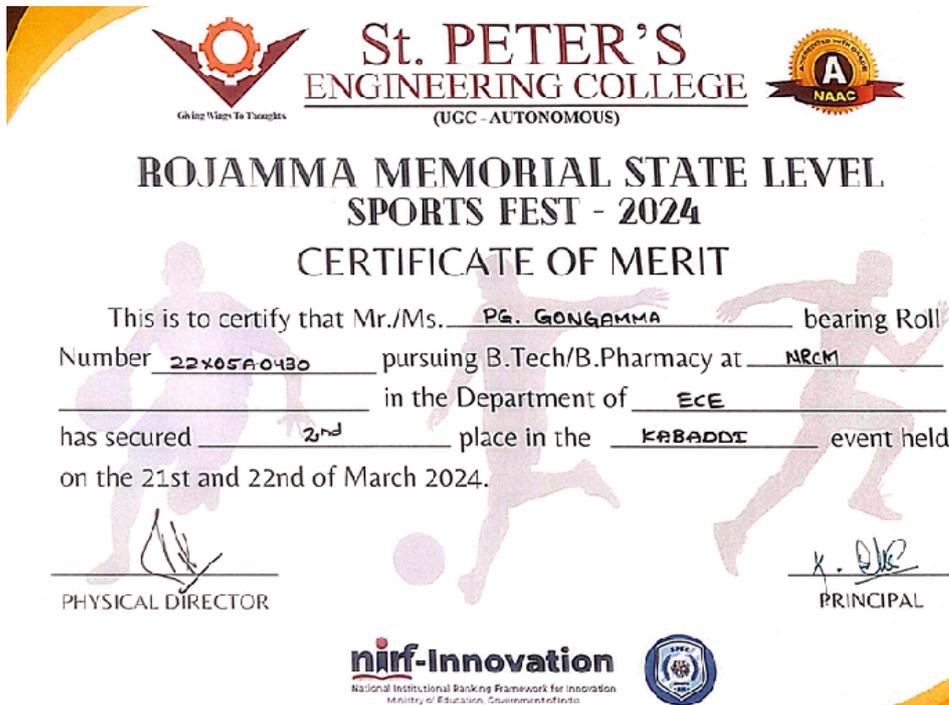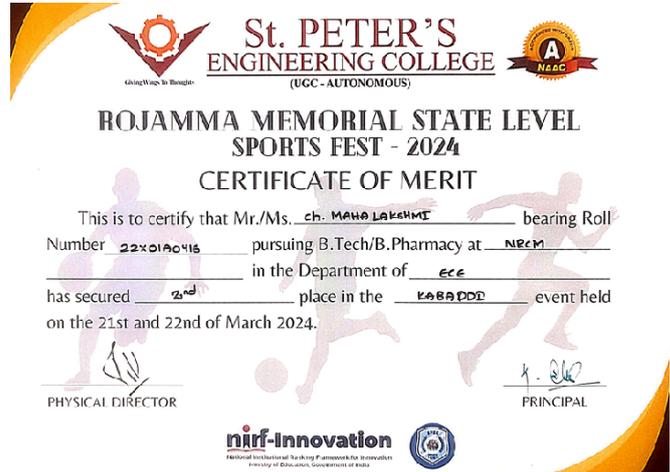

- Mrs D Yesha sree , Assistant Professor ,ECE Department Published a paper titled IOT Based Environmental Monitoring system using Cloud integration In International conference on cyber security -current perspectives in June 2024

Awards and Participation

The ECE Department students CH Mahalakshmi,E Sahithi ,Gangamma achieved second prize in

kabadi at Rojamma memorial state level sports fest 20244 conducted at st peters engineering

college on 21st to 22nd march 2024

Professor & HOD-ECE
Chief Editor

It is a pleasure to present the Electronics and Communication Engineering edition of NRCM Connect – Technical Newsletter. This issue highlights the academic achievements, research activities, and technical initiatives of our students and faculty. Through innovation, industry interaction, and continuous learning, the ECE department at NRCM strives to prepare future-ready engineers. We hope this newsletter inspires knowledge sharing and technical excellence.

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