SENSETRONICS NEWSLETTER

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

VOLUME 13 ISUUE-3 DEC-FEB 2023-24

NBA Accreditation

ADITYA ENLIGHTENS THE NESCIENCE

ACCREDITED WITH GRADE A++ NAAC

ADITYA ENGINEERING COLLEGE(A)

APPROVED BY AICTE,PERMANENTLY AFFILIATED TO JNTUK, ACCREDITED BY NBA & NAAC 'A++' Recognized by UGC under section 2(f) and 12(b) of UGC act,1956 Aditya Nagar, ADB Road,Surampalem 533437,Kakinada Dist.

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ABOUT THE DEPARTMENT

The Department of Electronics and Communication Engineering (ECE) was established with the inception of the college in 2001, initially admitting 60 students. Over time, it has expanded to accommodate 240 students. Additionally, it offers a Master's program in VLSI Design with a current intake of 12 students. The department boasts dedicated faculty and well-equipped laboratories such as Electronic Devices and Circuits lab, Microwave Engineering and Optical Communication Lab, Digital Signal Processing lab, Project lab, etc., providing a robust platform for practical learning.

Furthermore, the Department of ECE hosts an IETE student forum, organizing professional activities like guest lectures, workshops, seminars, and technical festivals like SPARK under the umbrella of VEDA, aimed at enriching students' knowledge. To enhance placement opportunities, there's a strong technical team (Technical hub) dedicated to training students in coding practices and problem-solving skills.

The department has also signed MOUs with companies like Electropro Pvt. Ltd, Edgate Technologies & Texas Instruments, and Tessolve Semiconductor Pvt. Ltd. Moreover, the college has established MOUs with Andhra Pradesh State Skill Development Centre (APSSDC), Applied Robot Control (ARC), AWS Educate, Ui Path, CISCO, Salesforce, Oracle Academy, etc. It's worth mentioning that a significant number of students have undergone training and received certification in various cutting-edge technologies and industry trends starting from their first year. We are delighted to announce that many of our students have been placed, with the highest package reaching 12 lakhs.

VISION OF THE DEPARTMENT

To establish itself as a center of excellence in the field of Electronics and Communication Engineering, the department aims to cultivate technological prowess, foster professional commitment, and uphold social responsibility.

MISSION OF THE DEPARTMENT

M1: Provide quality education, well-equipped laboratory facilities and industry collaboration.

M2: Promote cutting edge technologies to serve the needs of the society and industry through innovative
research

M3: Inculcate professional ethics and personality development skills

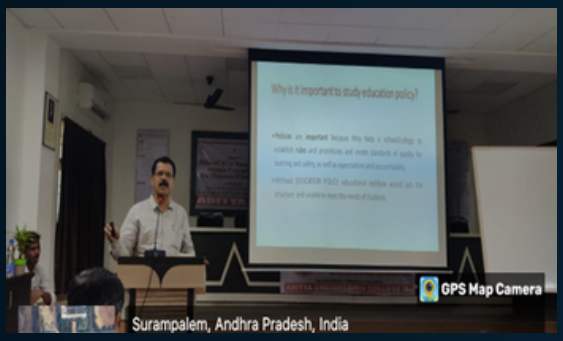
F.D.P ORGANIZED

A one-week Faculty Development Program (FDP) on the Role of AI SPEECH and Image Processing for Disease Prediction conducted from February 5th to 10th, 2024. This program aims to ensure excellence in innovation with a focus on technical aspects

DAY 1

DAY 2

DAY 3



DAY 4

DAY 5

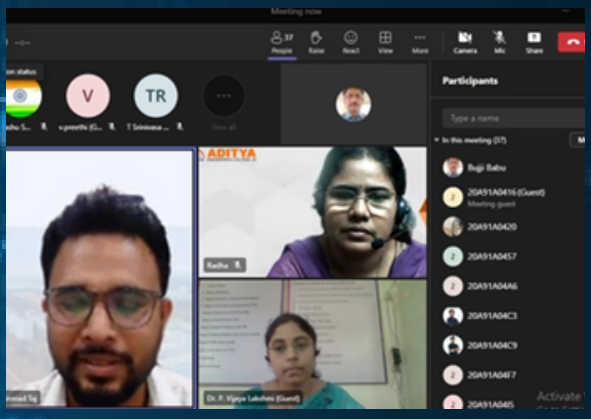
DAY 6

visited Medicover Hospital in Kakinada, where revolutionized Automatic Speech Recognition (ASR) and Text-to-Speech (TTS) synthesis have shown promising results in disease diagnosis and treatment planning. Additionally, advancements in deep learning, particularly in TTS models like WaveNet and Tacotron, have achieved remarkable naturalness in synthesized speech. Current research aims to enhance the robustness of these models to handle various accents, languages, and noisy environments. Furthermore, the integration of image and speech processing will be explored for multimodal learning, leading to significant advancements in healthcare systems.

An online Faculty Development Program (FDP) on Recent Advancements in Nanoelectronics & Its Applications ran from January 2nd to 6th, 2024. Its goal was to enhance faculty knowledge and provide a platform for researchers, academics, industry professionals, and students to deepen their understanding of nanoelectronics. The program offered insights into recent advancements and applications, fostering research and collaboration among participants. Expert-led talks and sessions covered various topics in the field.

DAY 1

DAY 2



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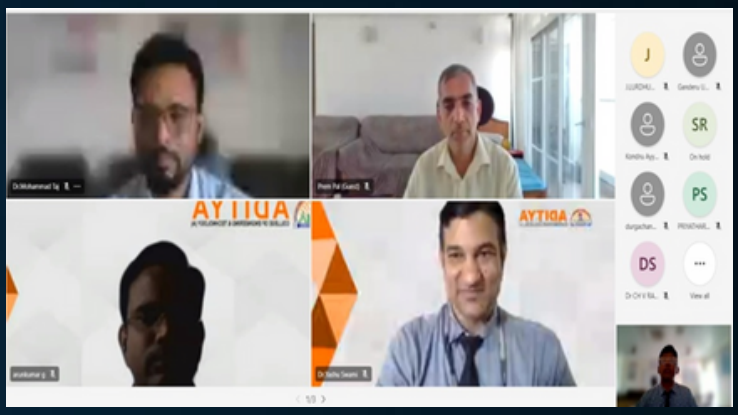

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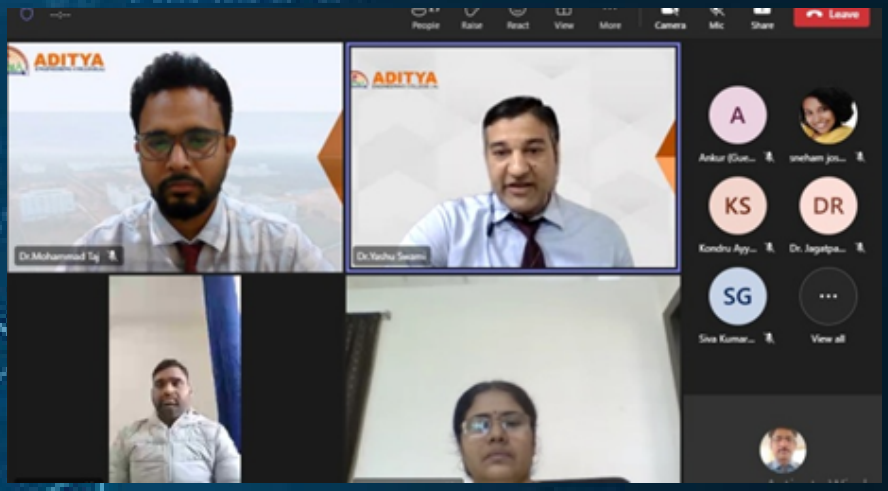
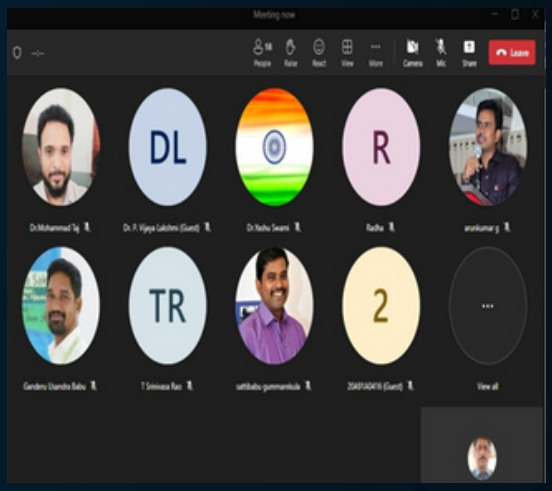


DAY 5



DAY 6

MOU SIGNING CEREMONY

An MOU was signed on January 6, 2023, between Rtech and Aditya institutions to enhance students' skills in the recent era of Embedded Systems

CAREER ENHANCING PROGRAM ON R-TECH EMBEDDED SYSTEMS

Sixteen students have enrolled in the R. Tech Embedded Systems course from the III Year ECE program.

PLACEMENTS

166 students have been placed in 17 companies with the best packages

In JMC Pvt. Ltd., 1 student was placed with a salary package of **29.54 LPA.**

In HP (Hewlett & Packard) Ltd., 3 students were placed with a salary package of **8 LPA+Rs. 50,000 Joining Bonus+$2,100 HP Equity**

In Sevitech (UST Global) ,1 student was placed with a salary package of **7.40 LPA**

In Unschool ,1 student was placed with a salary package of **5.30 LPA**

In Divami ,1 student was placed with a salary package of **5.00 LPA**

In Accenture ,9 students were placed with a salary package of **4.50 LPA**

In Vodafone ,4 students were placed with a salary package of **4.50 LPA**

In Pennant ,1 student was placed with a salary package of **4.10 LPA**

In Prolifics ,2 students were placed with a salary package of **4.00 LPA**

In Embehome Automations ,1 student was placed with a salary package of **4.00 LPA**

In Tessolve ,1 student was placed with a salary package of **4.00 LPA**

In TCS (PEGA) ,4 students were placed with a salary package of **3.86 LPA**

In Pentagon Space ,13 students were placed with a salary package of **3.50 LPA**

In Polycab India ,1 student was placed with a salary package of **3.00 LPA**

In Intellipaat Software Solutions ,1 student was placed with a salary package of **2.64 LPA**

In KYB Motorcycle India ,20 students were placed with a salary package of **2.60 LPA**

In Surya Tech Solutions ,69 students were placed with a salary package of **2.56 LPA to 4.00 LPA**

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