

A DAILY NEWSLETTER

Editor in Chief

Editors

Dr. Srinivasan Alavandar Principal, ACT

Ms N Dhivya, AP - S&H Ms S Archana AP - EEE Mr V Kothantapani - EEE II Year



PLACEMENT NEWS





Jasmine Infotech Conducted an Off-Campus Placement Drive for our students on 7th March 2024. Established in 1998, Jasmin Infotech is a Pure Play Embedded Solutions Partner. Jasmin Infotech has extensive core experience in the automotive, smart audio, connectivity, and testing domains.





PLACEMENT NEWS









Final year students from the departments of Computer Science ,Electronics and Communication & Electrical and Electronics Engineering attended the Assessment test Conducted by Jasmine Infotech Pvt. Ltd., on 7th March 2024





TRAINING AND SKILL DEVELOPMENT

Detailed Schedule of Proposed Mock Placement Drive:

Placement Round	Date	Time	Department	Venue	Pattern	Invigilators / Evaluators
Round 1 (Aptitude)	6 th Mar 2024 (Wednesday)	8:15-10:00 AM	CSE – A & B (97)	Seminar Hall	50 MCQs (Pen & Paper)	Ms. Geetha / AIDS Ms. Amala / AIDS
		10:15-11:45 AM	IT & AIDS (94)	Seminar Hall		Ms. Nithya /BME Ms. Ambika / ECE
		10:15-11:45 AM	BME (27)	Bosch Lab		Mr. Rahul /AIDS
		10:15-11:45 AM	ECE & EEE (50)	Texas Lab		Ms. Aishwarya / BME
Round 2 (Coding)	6 th Mar 2024 (Wednesday)	10:15-11:45 AM	CSE - A & B (97)	C1,C2,C3,C4	5 coding questions / student (write/compile)	C1 – Ms. Leonila / IT C2 – Ms. Pooja / IT C3 – Ms. Nivi / IT C4 – Ms. Dhanabhavithra /AIDS
		8:15-10:00 AM	IT & AIDS (94)	C1,C2,C3,C4		C1 – Dr. Meena Devi / CSE C2 – Ms. Pooja / IT C3 – Ms. Aishwarya / CSE C4 – Ms. Dhanabhavithra /AIDS
		8:15-10:00 AM	ECE & EEE (50)	Bosch & C5 Lab		Bosch Lab – Ms. Nivi / IT C5 – Ms. Leonila / IT
Round 2 (Technical)		8:15-10:00 AM	BME (27)	Texas Lab	20 questions Pen & Paper	Ms. Archana / EEE
Round 3 (GD)			AIDS (1-15)	Bosch Lab		Dr. Radhika / EEE
	6 th Mar 2024 (Wednesday)	12:30-12:50 PM	AIDS (16-30)	Texas Lab	20-30 minutes / panel (15-20	Dr. Ratheesh / ECE
			AIDS (31-44)	C1		Ms. Bilna / BME
			BME (1-15)	C2		Mr. Praveen Kumar / CSE
			BME (16-27)	C3		Ms. Lakshmi Priya / IT
			ECE (1-15)	C4	students)	Ms. Aishwarya / BME
			ECE (16-30)	C5		Ms. Pooja / IT
		12:30-1:00 PM	ECE (31-37) EEE (1-13)	Seminar Hall		Ms. Aishwarya / CSE

A mock placement drive for third year (sixth semester) students of the AIDS/BME/CSE/ECE/IT departments commenced on March 6, 2024. Three rounds of mock drive which included aptitude, coding, and group discussion, were completed for 240 students. A personal interview was conducted for all students by the heads of departments and divisions. All students attended the mock placement drive in proper dress code at the scheduled time.







GALLERY





FACULTY ACHIEVEMENT



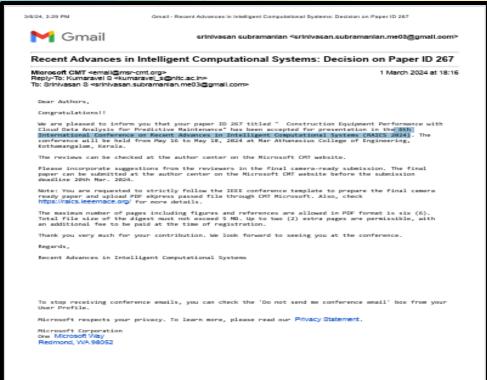
Dr. Srinivasan Alavandar, Principal, has been granted a patent titled "An improvised scooter boot space for organ/drug transportation based on Peltier modules" on 04-03-2024 for a period of 20 years by the Patent Office, Government of India.





FACULTY ACHIEVEMENT





Dr. ISHWARYA M.V., Associate Professor and Head of the Department of Artificial Intelligence and Data Science, received the email for paper acceptance titled "CONSTRUCTION EQUIPMENT PERFORMANCE WITH CLOUD DATA ANALYSIS FOR PREDICTIVE MAINTENANCE" in the 6th International Conference on Recent Advances in Intelligent Computational Systems (RAICS 2024). Indexed by Scopus.



A DAILY NEWSLETTER

FACULTY ACHIEVEMENT



SAI VIDYA INSTITUTE OF TECHNOLOGY

Approved by AICTE, New Delhi, Affiliated to VTU, Recognized by Govt. of Karnataka Accredited by NBA, New Delhi (CSE, ISE, ECE, MECH & CIVIL), NAAC 'A" Grade



3rd International Conference for Innovation in Technology (INOCON 2024)

Certificate

This is to certify that Dr./Prof./Mr./Ms. Ishwarya M.V has presented paper entitled Cloud-Based Road Safety for Real-Time Vehicle Rash Driving Alerts with Random Forest Algorithm in 2024 3rd International Conference for Innovation in Technology (INOCON), jointly organised by Departments of CSE, ISE, ECE, CSE (AI & ML), CSE (DS) at Sai Vidya Institute of Technology, Bengaluru, India held during $4^{th}-6^{th}$ March, 2024.



Dr. Shantakumar B Patil Secretary and Outreach Chair



Dr. M S Ganesha Prasad General Chair

Dr. ISHWARYA M.V., Associate Professor and Head of the **Department of Artificial Intelligence and Data Science**, has presented a paper titled "CLOUD-BASED ROAD SAFETY FOR VEHICLE RASH DRIVING ALERTS REAL-TIME RANDOM FOREST ALGORITHM" at the 3rd International Conference for Innovation in Technology (INOCON) on 4th -6th March, 2024. Indexed by Scopus.











FACULTY ACHIEVEMENT



SAI VIDYA INSTITUTE OF TECHNOLOGY Approved by AICTE, New Delhi, Affiliated to VTU, Recognized by Govt. of Karnataka Accredited by NBA, New Delhi (CSE, ISE, ECE, MECH & CIVIL), NAAC 'A" Grade RAJANUKUNTE, BENGALURU 560 064, KARNATAKA







Certificate

This is to certify that Dr./Prof./Mr./Ms. Ishwarya M.V has presented paper entitled Navigating Grid Dynamics with V2G Technology and Naive Bayes Optimization in IoT Systems in 2024 3rd International Conference for Innovation in Technology (INOCON), jointly organised by Departments of CSE, ISE, ECE, CSE (AI & ML), CSE (DS) at Sai Vidya Institute of Technology, Bengaluru, India held during 4th - 6th March, 2024.



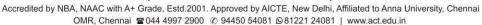
Dr. Shantakumar B Patil Secretary and Outreach Chair



Dr. M S Ganesha Prasad General Chair

Dr. ISHWARYA M.V., Associate Professor and Head of the **Department of Artificial Intelligence and Data Science**, has presented a paper titled "NAVIGATING GRID DYNAMICS TECHNOLOGY **BAYES** V2G AND **NAIVE OPTIMIZATION IN IOT SYSTEMS**" at the 3rd International Conference for Innovation in Technology (INOCON) on 4th -6th March, 2024. **Indexed by Scopus.**







FACULTY ACHIEVEMENT

Brain connectivity analysis based classification of obstructive sleep apnea using electroencephalogram signals

J. Rajeswari & M. Jagannath

Scientific Reports 14, Article number: 5561 (2024) | Cite this article

Metrics



Abstract

Obstructive sleep apnea (OSA) is a disorder which blocks the upper airway during sleep. The severity of OSA will lead heart attack, stroke and end of life. This proposed study explored the classification of OSA and healthy subjects using brain connectivity analysis from electroencephalogram (EEG) signals. Institute of System and Robotics—University of Coimbra (ISRUC) database were used for acquiring 50 EEG signals using 4 channels and noise removal has been accomplished by 50 Hz notch filter. The Institute of System and Robotics—University of Coimbra (ISRUC) database contained 50 EEG signals, with four channels, and a 50 Hz notch filter was applied to remove noise. Wavelet packet decomposition method was performing the segregation of EEG signals into five bands; Gamma (γ), beta (β), alpha (α), theta (θ) and delta

Dr. Rajeswari Jayaraj, Assistant Professor, Department of Electronics and Communication Engineering, has published a manuscript titled "Brain Connectivity Analysis Based Classification of Obstructive Sleep Apnea Using Electroencephalogram Signals" in the journal of Scientific Reports (Scopus, SCI, Annexure I) with IF: 4.6.







FACULTY PARTICIPATION

Certificate Number: ISO3D4091

LEARN DELTA

Certificate of Completion

THIS IS TO CERTIFY THAT



has successfully completed



and scored an 'A' Grade in the prescribed final examination conducted by Institute on <u>06th March 2024</u>

Anjanega Pali

DIRECTOR SIGN







Mr. Ganesh Kumar K., Assistant Professor in the Department of Mechatronics Engineering, has successfully completed AutoCAD and attained an A Grade in the online Certified Program conducted by LEARN DELTA on March 6th, 2024.





FACULTY PARTICIPATION



Dr. S. Sundramoorthy, Assistant Professor, Department of Science and Humanities (Physics), has participated in the **National Seminar on Applications of Nanoscience and Nanotechnology** organized by Post Graduates, Department of Physics, Devchand College, Arjunnagar, Maharashtra, from 26th February to 2nd March 2024.

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FACULTY PARTICIPATION



Dr. P. Balakrishnan, Assistant Professor, Department of Science and Humanities (Physics), has participated in the National Seminar **Applications Nanoscience** and Nanotechnology organized by Post Graduate, Department of Physics, Devchand College, Arjunnagar, Maharashtra, from 26th February to 2nd March 2024.



STUDENT ACHIEVEMENT



Saminathan, III Year Student, Department of Electronics and Communication Engineering, has won the "Honeywell India Youth Teckathon 2023-BOT Building Competition," powered by UI Path Academic Alliance and ICT Academy.







STUDENT ACHIEVEMENT

CERTIFICATE

OF ACHIEVEMENT

This certificate is presented to

Nanthini Priya.R

for successfully completing a Course about

Intermediate Python OOP Concepts

Course Start Date: 2024-03-01

Certified No.

16708187830









2024-03-04

Date

Nanthini Priya R., III Year Student, Department Information Technology, has completed a course "Intermediate Python OOP Concepts" organised by Mind Luster on March 04, 2024.



STUDENT ACHIEVEMENT





K. Arul Kumar, II Year, Department of Electrical and Electronics Engineering, has completed an online certification course on the topics "Project Management" & " Product Management" on the Great Learning Platform on 07-03-2024.





INDUSTRIAL VISIT



III Year & II Year students, Department of Biomedical Engineering, had their Industrial Visit at "Sri Ramachandra Institute of Higher Education & Research", Porur on 05th February, 2024.



STUDENT PARTICIPATION



R. B. Archana (CSE), I year student in the Department of Science and Humanities, has participated in the Singing Competition, Intercollege Cultural Meet – Festaverse, organized by Mohamed Sathak A. J. College of Engineering, Chennai, on 6th March 2024.







STUDENT PARTICIPATION









CERTIFICATE

This is to certify that

Harshnee

has successfully participated in the

QUALITY AND STANDARDS 2.0'.

We appreciate your enthusiasm and commendable efforts to participate.

Bureau of Indian Standards

Harshee, II year student in the Department of Computer Science and Engineering, has participated in "Quiz on Quality Standards 2.0," organized by the Bureau of Indian Standard on 6th March, 2024.









STUDENT PARTICIPATION









CERTIFICATE

OF PARTICIPATION

This is to certify that

Joel Jacob B

has successfully participated in the

QUALITY AND STANDARDS 2.0'.

We appreciate your enthusiasm and commendable efforts to participate.

Bureau of Indian Standards

Joel Jacob B., II year student in the Department of Computer Science and Engineering, has participated in "Quiz on Quality Standards 2.0," organized by the Bureau of Indian Standard on 6th March, 2024.









SENIOR INTERACTION



Final-year students from the Department of Computer Science and Engineering, interacted with second-year students. They conducted knowledge-transferring sessions on algorithms, and the students received essential placement guidance from them.



DEPARTMENT MEETING



The Department of Electrical and Electronics Engineering has conducted a Department Meeting at the Power Electronics Laboratory. The status of NBA pre-qualifiers & NBA files, the conduct of academics, and lab classes for I & II years were the agenda of the meeting.





