Velalar College of Engineering and Technology, Erode
Department of AI&DS
News letter October– December 2023

1. Academic Conclaves in VCET

Association Activities

On behalf of Association of AI Engineers – ASPYRA, conducted a A Technical Seminar on the topic "**Python Libraries For Data Science**" on **09.10.2023** by **Mr. Dhakshinamoorthi**, Managing Director, ZENITECH PARK, Erode.

Organized a Hands on Training on the topic "**Quick Calculations: Enhancing Speed Math Skills**" on **27.10.2023** by **mr. Thiagarman Thirunavukkarasu**, Director, T.I.M.E., Erode.

Conducted Hands on workshop on the topic "**Big Data Engineering and Cloud Database**" on **04.11.2023** by **Mr.Gowtham .S.B**, Data Engineer at Data Dotz.

A guest lecture on the topic "Data Structures Using Python" was conducted on 18.1 1.2023.Mr. Dinesh Kumar - QA Engineer at Grab Taxi Holdings,Singapore was the chief guest and he also shared his knowledge and experiences in the field.

A Seminar on the topic "Importance of JAVA in IT Sector" was conducted on **18.11.2023 and 09.12.2023** by **Ms. Pavithra**, Senior Software Engineer at Ford Motors, Chennai

An Interdepartmental activity **"Code Conflux"** has been organized by our students on 29.11.2023.

A Seminar on the topic "**Startup Opportunities in Cyber Security**" was conducted on **16.12.2023** by **Mr. Deepak Chinnaraj**, Manager at Comcast, Chennai.

Workshop on the topic "**Innovation & Creativity Enhancement for Students**" was conducted on **22-12-2023** by **Mr.K.Manoj Kumar,** Expert Mentor, Data Science & AI, Boston Institute of Analytics, Coimbatore.

A Seminar on the topic "**Carrier Opportunities in IT Sector**" was conducted on **28.12.2023** by **Mr. Muraleesh Duraisamy,** General Manager at Schneider.

Students Activities (NPTEL / Seminars / Internships / Paper Presentations / Sports / Prize Winners))

NPTEL

13 students have cleared the NPTEL Exam "Software Engineering" during October 2023.

Technical Event

1. 3 Students of Second AI&DS participated in Two days DRDO Sponsored National level Seminar on Navigating Cyber Security challenges and safeguarding data privacy in the digital age from 2.11.23 to 3.11.23 at Kongu Engineering College, Erode.
2. 5 Students has participated in National Level Technical symposium – IGNIS'23 held on 05.12.2023 and 06.12.2023 at Bannari Amman Institute of Technology, Sathy.
3. 18 Students have participated and presented their Innovation Ideas for 'Dark Patterns Buster Hackathon' held at Velalar College of Engineering and Technology on 29.12.2023.

Workshop
- ✓ 4 Students have attended National level Workshop on "Skills needed for Full stack Developer" on 13.10.2023 at KSR College of Engineering.
- ✓ 2 Students attended Tinkathon Workshop organized by PALS in MAM College of Engineering and Technology, Trichy on 28.11.2023.
- ✓ 5 students has attended Workshop under the topic 'Arduino Robotics', held at SNS College of Technology on 04.12.2023.

Internship

- ✓ 1 student has successfully completed four weeks virtual internship program in Data Science from 05.12.2023 to 05.01.2024

2. Faculty Achievements
(Conferences / Workshops / Seminars / FDPs Attended / Papers Presented / Lectures / Key Note Address Delivered / NPTEL Programs Attended)

Journals

- ✓ Dr.S.Sadesh published paper titled "Prediction of Weather Forecasting with Long Short-Term Memory using Deep Learning" on 16.10.2023 at 4th International Conference on Smart Electronics and Communication (ICOSEC) .

FDP Attended

- ✓ Dr.S.Sadesh and Mr.V.Manoj Praveen has attended the Two days National Seminar on 'Research Challenges and Applications of Deep learning in Nuclear Medicine' by Department of Computer Science and Engineering, Karpagam college of Engineering and Technology from 11.10.2023 to 12.10.2023.
- ✓ Dr.S.Sadesh has attended the online lecture series on 'Emerging Technologies and Real world Applications' conducted by PALS with support from leading Industry Experts, from 12.10.2023 to 26.10.2023.
- ✓ Mr.V.Manoj Praveen has attended the Faculty Development Program on "VIRTUAL LABS", held virtually between 16th – 18th October 2023 as part of the PALS VLAB 2023 – 24 Initiative with NITK Surathkal.

- ✓ Mr.V.Manoj Praveen has Participated in 2 days Faculty Development Program On "Applications of Generative AI" Conducted by GUVI, Naan Mudhalvan and Anna University on 03.11.2023 & 04.11.2023.
- ✓ Dr.S.Sadesh, Mr.V.Manoj Praveen K.Keerthana and Ms.ThivyaRajkumar has attended the 10 Hours National Faculty Development Program on 'Machine Learning and Artificial Intelligence organized by Andhra Pradesh State Skill Development Corporation (APSSDC) in Collaboration with ExcelR Edtech Pvt. Ltd on 13.11.2023 to 17.11.2023.

- ✓ Dr.S.Sadesh, K.Keerthana and Ms.ThivyaRajkumar has attended the Industry Assisted online Faculty Development Program on 'Emerging Technologies and Real world Applications' conducted by PALS from 22.11.2023 to 24.11.2023.
- ✓ Mr.V.Manoj Praveen, K.Keerthana and Ms.ThivyaRajkumar has attended the 'Proposal Writing Workshop" conducted online by PALS, on 18th December 2023.

Patent

Dr.S.Sadesh Granted a patent titled 'Solar Water Heating System' on 15.11.2023 with design number 396156-001.

Dr.S.Sadesh published a patent titled 'R-CNN based Face Recognition for Smart Office Automation' on 15.12.2023 with application number 202344073907 A, Journal No: 50/2023.

Reviewer

Dr. S. Sadesh act as reviewer for the outstanding contribution to 1st International Conference on Deep Learning, IoT, Drone Technology, Smart Cities & Application (ICDIDSA-23) held on 29-30 November 2023 and organized by the Department of Electronics and Telecommunication Engineering, Sandip Institute of Technology and Research Centre, Nashik,Maharashtra, India.
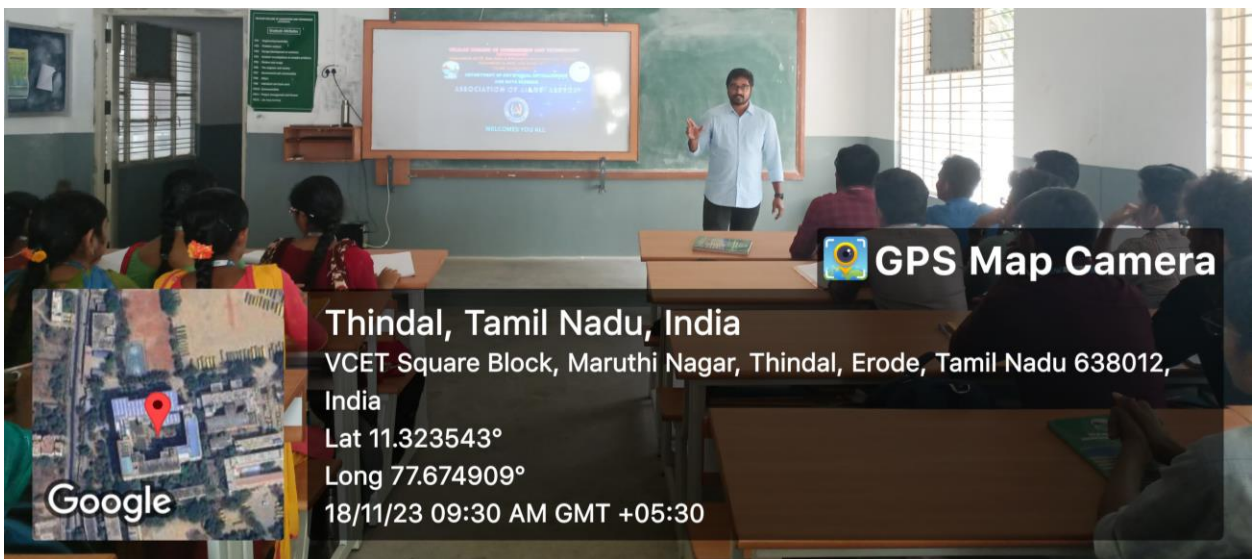
3. Glimpses of Various Activities

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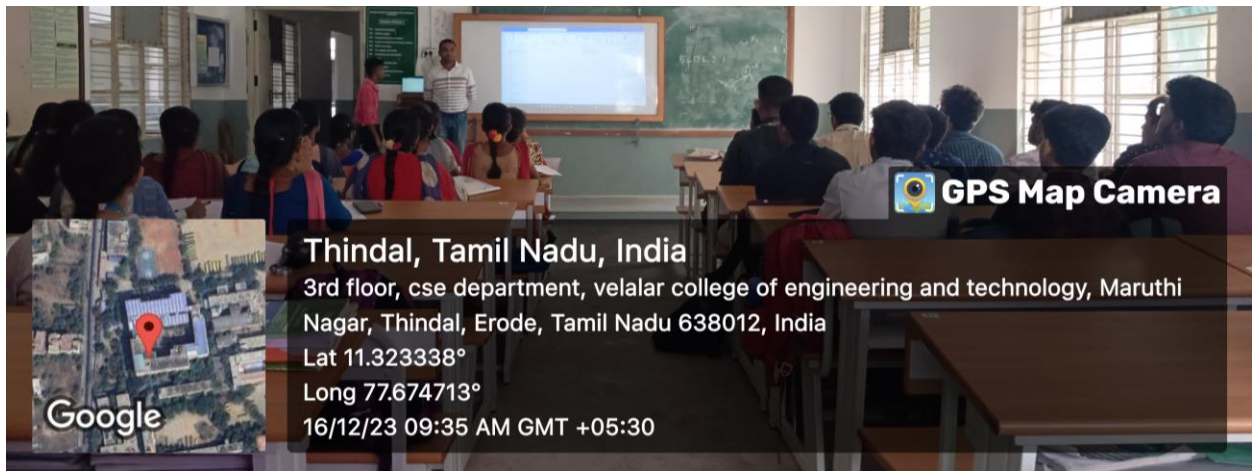
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