



**Vel Tech**  
Rangarajan Dr. Sagunthala  
R&D Institute of Science and Technology  
(Deemed to be University Estd. u/s 3 of UGC Act, 1956)



Office of Industry Relations (DIND)

# NEWSLETTER

Quarter 3 (JULY – SEPTEMBER)



**Col. Prof. Vel. Dr. R. Rangarajan**  
Founder President & Chancellor  
**Dr. Sagunthala Rangarajan**  
Foundress President



# INTRODUCTION

## Office of Industry Relations

- ▶ Provides an excellent platform for both the students as well as the faculty members to be aware of industry expectations and enables faculty to prepare the students industry ready.
- ▶ Facilitates the faculty to work with industries on specific problem statements as student projects, providing a stepping stone to leap into research/consultancy with the industries.
- ▶ Enables better interaction with industries leading to the subsequent placement of these young graduating engineers in various industries across the globe.
- ▶ Promotes industry experts to continuously partake in curriculum design and career development programs which play a significant role in honing the skill set of the students.
- ▶ Provides ample industrial exposure to the faculty members to enhance the Teaching Learning Process and enable the Institution to produce quality students, towards up scaling the academia in the Global knowledge index.
- ▶ Facilitates students to participate in industry related contests, both nationally and internationally. Our students have won many laurels in Hackathons and Coding contests.
- ▶ Sets up center of excellence facilities in emerging areas/technologies and enables acquaintance of advanced skill sets by Students and Faculty members.
- ▶ Enables our faculty to become trainers and conduct Training Programmed for employees of industries in niche areas.

## ICA Corporate Talk



**Corporate Talk and Corporate Tour arranged for Freshman Engineers**

**HEARTY WELCOME TO THE INDUSTRY EXPERTS**

List of Corporate Tour Arranged							
 Dr. R. Shankar Assistant General Manager – E Vehicles Switch Mobility	 Mr. R. Baskaran Vice President Zifen Technologies Pvt Ltd	 Mr. K. Baskaran CEO Aarth Industries Ltd	 G. Senthil Kumar Group Captain Air Force	 Dr. N. Puviarasan Director, Sc. E Regional Meteorological Centre	 Dr. R. Gayathri Deputy Manager – Talent Acquisition KONE Elevators	 Mr. S. Kulasekaran GM-Operation Numeric UPS	 Mr. M. Venkatesh Assistant General Manager – MSC-Operations Rane NSW Steering Systems Pvt Ltd
 Mr. V. Ravindran Principal Engineer R&D IATC	 Dr. N. Saravanan Technology Innovation and Sustainability Mahindra & Mahindra Limited	 Mr. Ganesh Prabhu Principal Engineer NXP Semiconductors	 Mr. N. Rathna Kumar Head Operation (Rtd) Ameo Batteries	 Mr. G. Ramprasad New business Development Product Management KONE Elevators	 Mrs. Tamilarasi Balaji DGM HR Hella-Manado Automotive	 Dr. Tata Sudhakar Head Ocean Electronic NOD	 Mr. R. Jeyakumar Managing Director Rajgarh Constructions



We arranged ICA corporate talk by the following date from 08<sup>th</sup> – 17<sup>th</sup> August 2023, by inviting industry experts from reputed companies/MNCs to share their experience and expectations right from first year onwards. This is organized right from the first date the students join our institution.

Such exposure / interaction with industry experts at an early stage itself makes the student more confident of what they are going to learn in the subsequent years.

# Glimpses of ICA Corporate Talk



**Dr. N. Puviarasan,**  
Scientist, Regional Meteorological  
Centre



**Mr. G. Senthil Kumar,**  
Group Captain,  
Indian Air Force



**Mr. S. Kulasekaran,**  
Manager, Numeric Controls



**Mr. R. Basakaran**  
Vice President, Zirlen Technologies



**Mrs. Tamilarasi Balaji**  
DGM HR, Hella Manado Automotive



**Mr. K. Baskaran**  
CEO, Aarthi Industries Ltd



**Dr. R. Gayathri**  
Talent Management  
KONE Elevators



**Dr. R. Shankar**  
AGM - Operations, Switch Mobility  
Automotive Limited



**Dr. Tata Sudhakar**  
Head Ocean Electronic, NIOT

## 1.2 ICA CORPORATE TOUR

ICA Corporate visit on 18th & 19th of August 2023 to reputed companies right from the first day of student joining in our institution. this enables them to get acquainted with the best practices and trends.



**Tvs Brakes India, Padi**



**R. Stahl Private Limited,  
Maraimalai Nagar**



**Ticel Bio Park Ltd, Taramani**



**SSS Auto Suspension,  
Mathur**



**Delphi TVS, Mannur**



**Tidel Park, Chennai**



**Hella Manado Automotive,  
Oragadam**



**Roop Automotive, Chennai**



## 1.1 Corporate Tour for Higher semester

Vel Tech University Organized Industry Visit for Department of Civil Engineering students to the M/s. Cybercity Builders and Developers Pvt Ltd, Chennai, on 2<sup>nd</sup> September 2023, to learn about the development of construction technologies, high-rise residential gated community and also a real-time exposure with the builders.



## 1.2 Specialized Credit Course

We invite industry experts to give credit course of not less than 15 hours on the emerging technologies and topics. Industry experts impart education at a scale that is the same or better quality as on-job training. This adds value to the skill sets of the students thus making them industry ready with advanced skill sets. This provides educational opportunities to students at all stages that can leverage to thrive in an increasingly complex and technologically advanced world covering all advanced skills in disciplines from data science to marketing.

### A. Specialized Credit Course CSE



*Agile Methodology*  
By: Mr. Anil Kumar,  
Associate Director - IT/Cloud Consulting,  
Kyndryl (IBM Spinoff)

*Augmented and Virtual Reality*  
By: Mr. Sridhar V,  
Associate Vice President, Global Logic



*IOS Application Creation*  
By: Mr. Narendh Subramani,  
Senior App developer, Capgemini

*Vulnerability analysis & penetration testing*  
By: Mr. Saravanan Govindan,  
Director/IT and Network Trainer,  
GMAC



## B. Specialized Credit Course ECE

Course on IOT, Expert Name:  
Dr. Aravind  
Industry: Ashok Leyland



Course on SOC Design Flow, Students  
Expert Name: Mr. Ganesh  
Industry: NXP, Principal Engineer

## C. Specialized Credit Course EEE

Course on Wind Energy Technology,  
Expert Name: Dr. Kumaravel,  
Managing Director,  
Industry: Wind guard India.



## D. Specialized Credit Course Civil

Course Name: Foundation marking and layout  
preparation for buildings,  
Expert Name: Mr. Selvaraj and Team,  
Managing Director,  
Industry: Athira Geo Spatial Services Private  
Limited, Chennai.



## 1.3 One-Day Special Talk for Students



Mr. Balaji Venkateshwar, Chief mentor-Cyber defense to ECE students.

## I.4 Value Added Course -MBA



Value Added Course on Python for Machine Learning to MBA Students by expert Ms.S.Niranjana, AssociateManager, Accenture



5 Days Value Added Course on Python for Machine Learning in the month of September 2023 by Hello AI Pvt. Ltd.

5 Days Value Added Course on Real time applications using LabVIEW in the month of September 2023 by Dr. K. Yavanarani, Scientist E, CVRDE, DRDO (Rtd.)





## 1.5 Faculty Industry Interaction

Organized a visit cum interaction with Industry Professionals for all the Faculty members of Mech in the both facilities of Wheels India Limited at Padi and Thervoy Kandigai, Thiruvallur. Mr. Ramesh, HR Manager and Mr. Madhan organized the visit in the most professional manner. The reception by wheels India during the whole visit was overwhelming. At the end of the visit Hr. Head, Mr. Venkatasamibabu chaired the session. Vel Tech requested Wheels India to explore and identify contemporary areas of interest and give an opportunity to prove the capability of Vel Tech Professors/ students in areas such as IoT/Industry 4.0 where we can work together. We sought their permission to use their Lab facilities for specific research work by our Doctorates. We also gave ref to our strength in Friction welding/safety etc. to explore.



*15.7.23: Felicitations by Mr. Venkatasamibabu, Head HR, Wheels India, Padi.*



*Visit to Wheels India Limited - CAW - ThervoyKandigai*



Dr. Sham Sundar, Professor of Practice at Vel Tech, gave Training to our college Mechanical Department and Science and Humanities Faculties.



12.09.23 ECE Faculty Interaction with Shri. Balaji Venkateshwar on Cyber Defense.



22.09.23 ECE faculty interaction with K7 Cybersecurity Mr. R. Ram Prasad on curriculum and ToT for training students.



26.07.23 Meeting with Mr. Baskar, BIT Inspection Technology to explore on NDT Facilities and connected courses.

21.08.23 Meeting by Civil department with CREDAI officials, namely, Dr. Arul and Mr. Raj Paris.





05.09.23 Vel Tech team visited Ashok Leyland Technical Training Centre (Mr.Sundaresan Vice-President, EV & eMobility Solutions) for discussion on Electric Vehicle Course for EEE.



11.07.23: Vel Tech Team along with Dr. R. Shankar, AGM - Operations, Switch Mobility Automotive Limited, Exploring on Curriculum on Electric Vehicles & Executive Development Programs.

11.07.23: Meeting with Dr. R. Shankar, AGM Electric Vehicle Operations, M/s. Switch Mobility, Chennai along with Electrical & Electronic department for discussion on Electric Vehicle Course and Setting up of lab requirements.



## 1.6 New MoU's Signed



05.07.23 MoU with M/s.ImmuGenix Bioscience Pvt Ltd, Chennai for Department of Biotechnology Engineering to convert the classroom learning into solving the industrial demands in Strain Engineering and Product development aspects.



MoU with Wheels India for Mechanical department signed in the presence of Mr. Ramesh HR and Mr. Ramadhan (HR), Wheels India Ltd.



01.09.23 MoU with M/s Delphi TVS Technologies for Short Term Training, Credit Course and Projects for Mechanical & allied department. MoU Signed in Presence of Mr. K. Balaji, Vice President - People & Culture, Mr. Ram Kumar, DGM HR, & Mr. M. Saravanan, Human Resources Department.



22.09.23 MoU with M/s. Digimonk Agency Coimbatore Short Term Training, Specialized Course and Projects for Department of Management Studies on Digital Marketing. MoU Signed in the Presence of Mr. Saravanan T, Founder & CEO.



# Executive

## Development Program for Employees in emerging areas/trends

We identify niche areas where training is required for employees by close interaction with industries. We set up Centre of Excellence facilities, enable our faculty to become trainers and conduct executive development Programmed in niche areas.



14.09.23: Executive Development Programmed for Employees of Delphi TVS on "Introduction to AI with No Code Environment.



14.09.23 to 16.09.23 - 3 days Executive Development Programmed for Employees of ZF Commercial Vehicle Control Systems Ltd on" Three day's Workshop on IoT (ESP32)"



14.09.23 to 16.9.23 - 3 days Executive Development Programmed for Employees of ZF Commercial Vehicle Control Systems Ltd on" Three day's Workshop on IoT (ESP32)"



07.09.23 to 09.09.23: Three days Hands on Training on ArcGIS



## I.8 Other Institute Student Visit



95 students and 5 faculty members from Vel Tech Rangarajan Dr. Sagunthala R&D Institute of Science & Technology attended the Intellectual Property (IP) Festival as part of the AKAM campaign, focused on Intellectual Property Rights (IPR) aligned to the thematic objective of ATMANIRBHAR BHARAT by CSIR-CLRI. Also, an Industrial visit to CLRI arranged. We're proud to support our students in their pursuit of knowledge and innovation.



National Intellectual Property Festival jointly organized by CSIR-Central Leather Research Institute (CSIR-CLRI), & CSIR-Structural Engineering Research Centre & CSIR Madras Complex (CSIR-CMC). CLRI - Senior Principal Scientists, Dr Srinivasan K & Dr. Tamilselvi A, - Dr. Nithiyanantha Vasagam S, Dr Ravikumar B, & Dr. Subhendu Chakrabarti, Head-KPMD handled the session on "Mind to Market - A Focus on IPR Interface". Around 350 students from School of Electrical and Communication participated.

## I.9 Internal Hackathon 2023



102 students from Electronics branch of B. Tech program participated in the DRDO Exhibition under Azadi Ka Amrit Mahotsav (AKAM) campaign held at CVRDE on 21 & 22 July 2023 and had a great learning on the Growth of Defense R&D Ecosystem. Two projects were displayed by the Aero and Auto department at the exhibition venue.



We encourage students to participate in National Competition events. We mentor the students to improve on their ideas by inviting industry experts of respective domains. 23.09.23: Internal Hackathon organized and Industry experts from respective domains are invited as juries to evaluate the students and improve upon their presentation for participation in Grand Finale of SIH 2023.

30 Best teams were identified for participation in final SIH 2023 by 8 distinguished industry experts namely, Mr. Balaji, Sr GM.(Projects/industry4.0), TVS Brakes India Ltd, Mr. Sriram, manager Regional Digitalization Leader – Operations, ZF Commercial Vehicle Control Systems India Limited. Mr.Ram Prakash, Kone Elevator's, Mr. Sundar Dandapani, Capgemini, Mr. Ravishankar, L&T EdTech, Mr. Anand, G.M.NVH, TVS Brakes, Mr. A A Gnana raj, NIOT

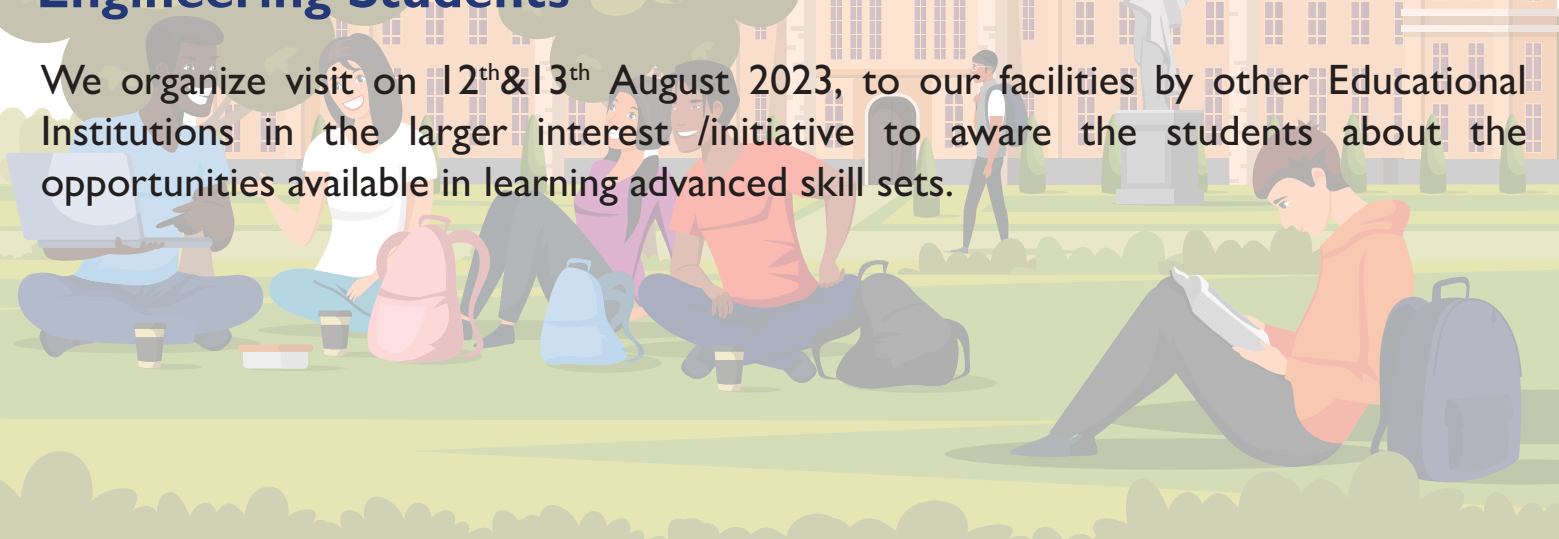




# Campus Visit

by Velammal  
Engineering Students

We organize visit on 12<sup>th</sup>&13<sup>th</sup> August 2023, to our facilities by other Educational Institutions in the larger interest /initiative to aware the students about the opportunities available in learning advanced skill sets.



Velammal Engineering Students visited the following facilities:  
CoE - Manufacturing, PCB Manufacturing & Assembly Unit, 3D Printing,  
CoE - IoT & Smart Factory Initiatives, AI Supercomputing facility, CASR lab.

