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

Bullettin »»»»»

OFFICE OF INTERNATIONAL RELATIONS

Issue 10
July to December 2022

Contents

Message from Dean International Relations

Dear all,

As a Dean of International Relations, it gives me immense pleasure to reach you all through the Tenth edition of this newsletter. I am happy to share that several students got opportunities at universities abroad in diverse categories viz semester abroad program, research internships at renowned institutes, research laboratories, and higher study opportunities through an exchange program.

This edition highlights a few achievements of our students, especially 6 of our students completed Internship through MITACS Global link Research internship under the supervision of eminent professors from top Canadian universities. Likewise, in total 46 students have taken up their semester abroad program at our partner universities.

Our department organized a series of events for the students, faculty members, and research scholars to fulfil their aspiration of abroad studies with the help of our partner universities, educational representatives, and language partners.

Vel Tech has entered a new collaboration to extend its horizon further with top universities. On this occasion I urge you to read this news letter to get more insights of our programs and our success stories. I would like to render my heartiest thanks to our management, all the renowned partners, supporters, well-wishers for their timely support.

*** "Embrace the power of reading, for it has the capacity to illuminate minds, broaden horizons, and inspire a lifetime of learning." ***

Dr. Suresh Ponnan
Dean - Office of International Relations, Vel Tech

Team Members of The Office of International Relations

Dr. P. Suresh
Dean International Relations & HRDC
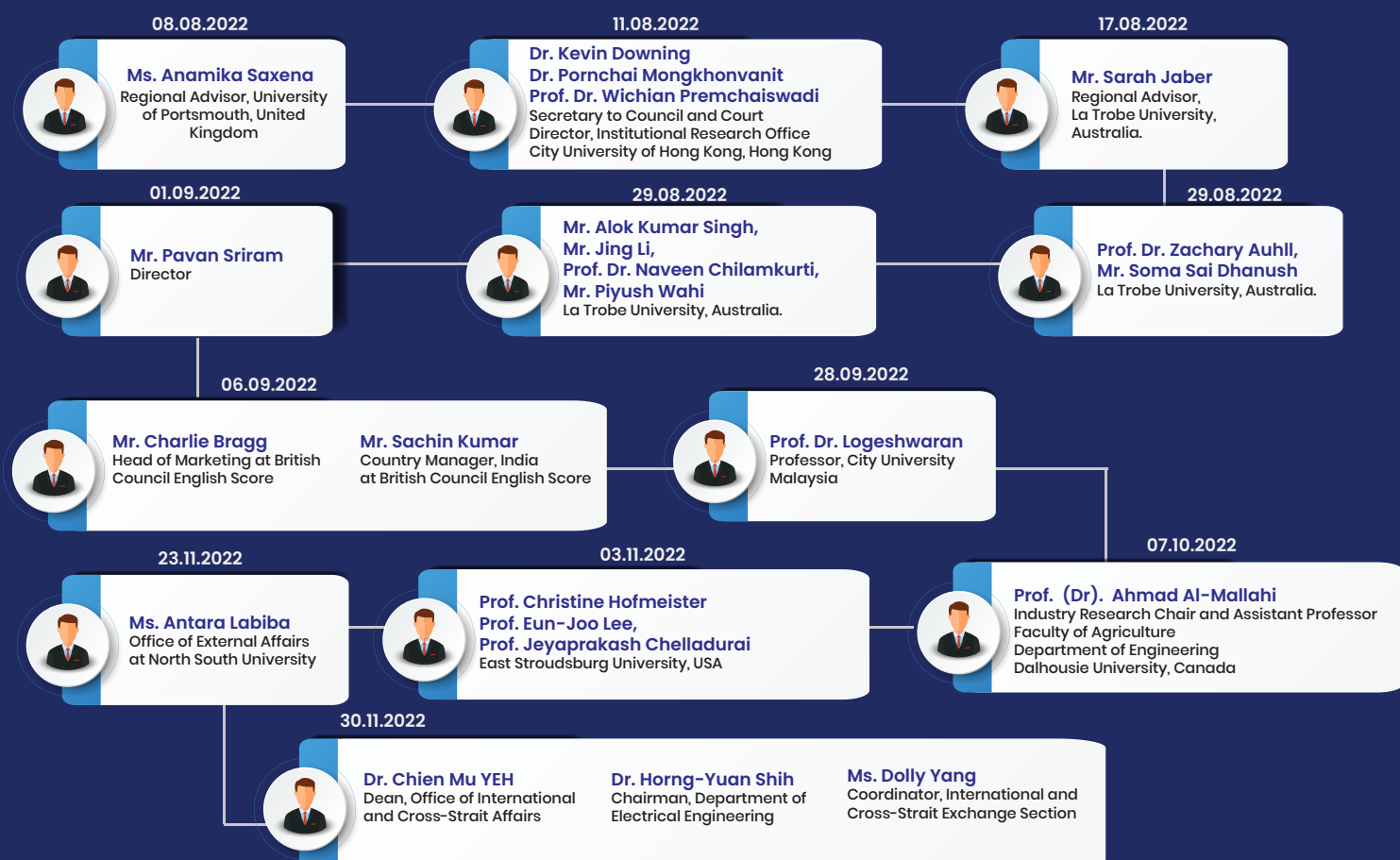
Mr. T. Rameshkumar
Faculty Mobility & Joint Programmes

Mr. M. Manikandan
3+2, Master Progression Programme & MoU

Mr. J. Dinesh
Executive Assistant

Mrs. P. Kameshwari
International Student Support

Ms. A. G. Vaishnavi
Student Mobility & Research Internship

Department IR Coordinators
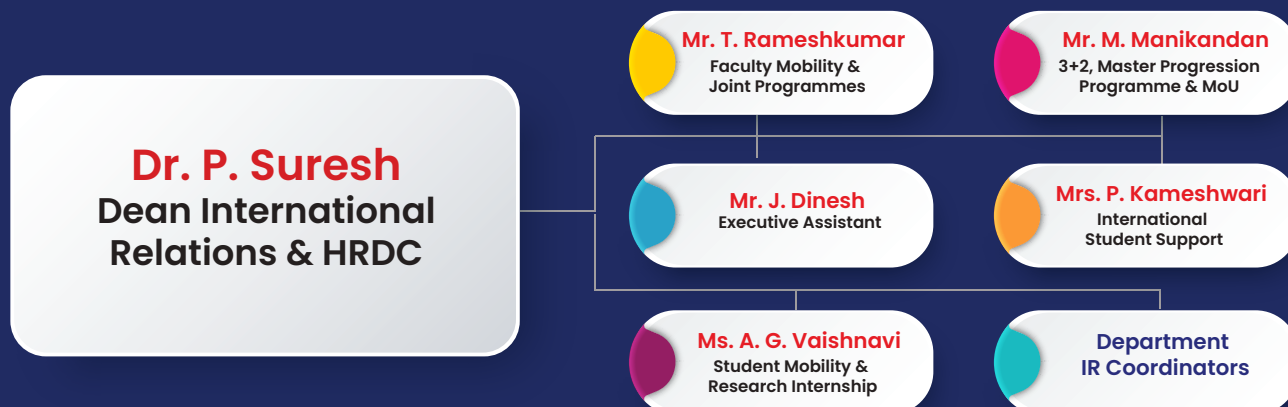
Meetings with International Universities, Research Organizations, and Industries

Meeting with universities and research laboratories in abroad has been held during the period from July 2022 to Dec 2022 in Virtual and physical mode for developing a **"Memorandum of Understanding"** for various collaborative activities like student Exchange, faculty exchange, Credits transfer, Joint Research Collaboration, research facilities establishment through funded projects, joint degree, dual degree, etc,. The discussion about the ranking, accreditation process, higher study opportunities, language proficiency and its requirements, research and project collaboration in the thrust areas like IoT, Real time sensing, data management techniques, Data science and data mining, Iot for agriculture, etc have been discussed.

08.08.2022
Ms. Anamika Saxena
Regional Advisor, University of Portsmouth, United Kingdom

11.08.2022
Dr. Kevin Downing
Dr. Pornchai Mongkhonvanit
Prof. Dr. Wichian Premchaiswadi
Secretary to Council and Court
Director, Institutional Research Office
City University of Hong Kong, Hong Kong

17.08.2022
Mr. Sarah Jaber
Regional Advisor, La Trobe University, Australia.

01.09.2022
Mr. Pavan Sriram
Director

29.08.2022
Mr. Alok Kumar Singh,
Mr. Jing Li,
Prof. Dr. Naveen Chilamkurti,
Mr. Piyush Wahi
La Trobe University, Australia.

29.08.2022
Prof. Dr. Zachary Auhll,
Mr. Soma Sai Dhanush
La Trobe University, Australia.

06.09.2022
Mr. Charlie Bragg
Head of Marketing at British Council English Score

Mr. Sachin Kumar
Country Manager, India at British Council English Score

28.09.2022
Prof. Dr. Logeshwaran
Professor, City University Malaysia

07.10.2022
Prof. (Dr). Ahmad Al-Mallahi
Industry Research Chair and Assistant Professor
Faculty of Agriculture
Department of Engineering
Dalhousie University, Canada

23.11.2022
Ms. Antara Labiba
Office of External Affairs at North South University

03.11.2022
Prof. Christine Hofmeister
Prof. Eun-Joo Lee,
Prof. Jeyaprakash Chelladurai
East Stroudsburg University, USA

30.11.2022
Dr. Chien Mu YEH
Dean, Office of International and Cross-Strait Affairs

Dr. Horng-Yuan Shih
Chairman, Department of Electrical Engineering

Ms. Dolly Yang
Coordinator, International and Cross-Strait Exchange Section

Delegates Visit to Vel Tech

The delegations from France visited Vel Tech on November 24, 2022, and discussed the possibilities of future collaborations. The visit was coordinated by Campus France

- **Pr. Luigi Agrofoglio**, Vice-Président in charge of International Relations, University Orléans
- **Dr. Jennifer Le Coz**, Director of International Relations, University of Orléans
- **Pr. Christine Rousselle**, Director of international development - Polytech Orléans
- **Dr. Aurélien Montagu,** Scientific Coordinator – le Studium, Orléans
  Delegations from Campus France
  -Mr. Ajitkumar Rajkumar   -Ms. Shruthi Miriam Joseph

Memorandum of Understanding (MoU)

Université François-Rabelais de Tours, France [July'22]

The Université François-Rabelais de Tours, also known as the University of Tours, is a public research university located in Tours, France. It was founded in 1969 and is named after the famous French Renaissance writer François Rabelais, who was born in the region. The university offers a wide range of academic programs across various disciplines, including humanities, social sciences, natural sciences, law, economics, health sciences, and engineering. It is organized into several faculties and schools, each specializing in different fields of study. Some of the prominent faculties and schools include the Faculty of Arts and Humanities, the Faculty of Sciences and Techniques, the Faculty of Law, Economics, and Social Sciences, the Faculty of Medicine, and the Polytech Tours School of Engineering.

The general objective of this Agreement is long-term educational collaboration in fields which are compatible with the orientation of each university, and which are relevant to the industrial, scientific, social, and cultural interests and needs of the countries wherein the parties are respectively located. This agreement is valid for 5 years.The general objective of this Agreement is long-term educational collaboration in fields which are compatible with the orientation of each university, and which are relevant to the industrial, scientific, social, and cultural interests and needs of the countries wherein the parties are respectively located. This agreement is valid for 5 years.

National Tsing Hua University, Taiwan [July'22]

National Tsing Hua University was first founded in Beijing. After the Chinese Civil War, the then-president of the university, Mei Yiqi, and other major academics fled to Taiwan with the retreating Nationalist government. In 1956, they reinstalled National Tsing Hua University in Hsinchu, Taiwan, which has since remained independent and distinct from the Tsinghua University in Beijing. National Tsing Hua University was selected as one of the seven national research universities in Taiwan and is consistently ranked among the top three best universities in Taiwan in world university rankings. In the 2022 QS World University Rankings, it is ranked within the top 200 universities in the world and the top 50 universities in Asia.

The purpose of this MOU is to promote academic and educational cooperation and is based upon the principle or respect for each other's independence and mutual benefits, the two institutions will carry out the following activities: Joint research activities, Exchange of faculties, Exchange of students, Exchange of scientific materials, publications, and information. This MoU will valid up to 5 years.

Quilmes National University, Argentina [Aug'22]

Quilmes National University, also known as Universidad Nacional de Quilmes (UNQ), is a public university located in Bernal, Buenos Aires, Argentina. It was established in 1989 and is named after the city of Quilmes, where it is situated. UNQ offers undergraduate and postgraduate programs across various disciplines, including humanities, social sciences, natural sciences, engineering, and technology. The university's main objective is to promote scientific and technological research, as well as to provide high-quality education to its students.

Vel Tech and UNQ hereby agree to encourage academic cooperation through research and study in furtherance of the advancement of learning as stated below: a) To encourage visits by faculty from one university to the other for the purpose of engaging in teaching and research; b) To facilitate the exchange of qualified students from one university to the other for the purpose of enrolling in undergraduate and graduate programs as non-degree seeking exchange students; To foster the exchange of academic publications and scholarly information; d) To promote other academic activities which enhance the aforementioned goal.

City University, Malaysia [Oct'22]

City University Malaysia is a private university established in Selangor, Malaysia in April 1984. City University is accredited by the Malaysian Qualifications Agency. Under a Sino-Malaysian bilateral agreement in 2009, City University's degrees are acknowledged by the Chinese Ministry of Education. According to the Malaysian government's official SETARA ratings of Malaysian universities, CityU is rated as 4-Star or "Very Good". City University Press publishes the CUeJAR, a double-blind peer reviewed quarterly international open access e-journal. As a research university, CityU offers five MQA-accredited doctoral programs in the fields of business, information technology, design, and education.

This Memorandum of Understanding relates to academic and cultural links between both Institutions, collaborating in the following areas: Identifying potential progression pathway for students at both universities, at undergraduate, postgraduate and research level. Undergraduate and Postgraduate (i) Semester Abroad Programme, (ii) Twinning Programme (3+1 or 2+2 for 4 Years

Programmes, 1+1 for 2 years programmes and 2+1 for 3 years programmes, (iii) Major Project Dissertation, (iv) Internship for students Potentially developing a partnership to offer dual award or double degree within both Institutions. Student Exchange and Staff Exchange Acceptance of Credits Earned Joint Research Collaboration Extending research facilities to students and faculties.

Taylors University, Malaysia [Sep'22]

Taylor's University (commonly referred to as Taylor's) is a private university in Subang Jaya, Selangor, Malaysia. It is often regarded as Malaysia's top private university in Malaysia based on the QS World University Rankings. It was founded in 1969 as a college, was awarded university college status in 2006, and university status in 2010. Taylor's University is a member of the Taylor's Education Group, which also includes British University Vietnam, Taylor's College, Garden International School, Nexus International School, Australian International School Malaysia, and Taylor's International School. In 2006, Taylor's was granted 'University College' status, which resulted in two distinct identities under the tertiary arm of the brand – Taylor's College and Taylor's University College. Work commenced to build the RM450 million Taylor's University Lakeside Campus, in Subang Jaya, in early 2007 and was completed in January 2010. Officially awarded as a full-fledged university status in September 2010 by the Ministry of Higher Education Malaysia, Taylor's is now one of the nation's leading private higher education institutions.

This Memorandum of Understanding (MOU) presents the framework for a cooperative relationship between TU and (Partner Name) that aims to develop and foster academic links between the two institutions. This MOU is not intended to constitute a legally binding contract and does not create any partnership or joint venture or obligate either party to commit financially in any way. Notwithstanding the non-binding nature of this MOU, each of the Parties acknowledges that it enters this MOU in good faith and with a high level of commitment towards finding areas of cooperation and collaboration.

University of Chemistry and Technology, Prague [Oct'22]

The University of Chemistry and Technology, Prague is a natural centre of first-rate study and research in the area of chemistry in Czechia and is one of the country's largest educational and research institutions focused on technical chemistry, chemical and biochemical technologies, material

and chemical engineering, food chemistry, and environmental studies. According to the prestigious Times Higher Education rankings, UCT Prague, one of five Czech universities, ranks among the 4% of the best world universities. The school has also dominated the rankings of the Education Policy Centre of Charles University in the category "Emphasis on Science, Research and Creativity" category.

The cooperation between Vel Tech and UCT Prague will be implemented in the following ways: Exchange of pre-graduate, graduate, and postgraduate students (Bachelor, Master, and PhD students); Exchange of teachers for short term teaching assignments; Agreements on double degree programs; Joint supervision of a doctorate; Development of joint research programs; Organization of the bilateral joint symposiums, seminars and conferences.
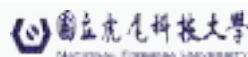
Universiti Sains Malaysia, Malaysia [Nov'22]

Universiti Sains Malaysia (USM) is a prestigious public university located in Penang, Malaysia. It was established in 1969 and is one of the oldest and most renowned universities in Malaysia. USM is known for its excellence in research and education across various disciplines. Universiti Sains Malaysia offers courses at undergraduate and postgraduate levels as well as conducting research in the fields of Pure Sciences, Applied Sciences, Pharmaceutical Sciences, Building Science and Technology, Social Sciences, Humanities and Education.

Objective of this Agreement Based upon the principles of respect for each other's independence and of mutual benefit, this Agreement aims to carry out the following activities: Exchange of students; Exchange of academic members and staff; and Exchange of scientific materials, academic publications, and scholarly information.

National Formosa University, Taiwan [Dec'22]

National Formosa University (NFU) is a university located in Huwei, Yunlin County, Taiwan. It was established in 1995 and is a comprehensive university offering undergraduate and graduate programs in various fields of study. NFU focuses on fostering practical skills and innovation in its students, aiming to produce professionals who can contribute to society. The university has seven colleges, including the College of Engineering, College of Management, College of Humanities and Social Sciences, College of Sciences, College of Environmental and Safety Engineering, College of Creative Design, and College of Tourism and Hospitality. Within these colleges, there are numerous departments and graduate institutes covering a wide range of academic disciplines.

The two universities will endeavor to co-operate in education and research areas of mutual interest. Within fields that are mutually acceptable, the following general forms of co-operation will be pursued: Faculty member and student exchange/internship programs, Joint research and development activities, Professional language teaching and cultural exchange programs, Cooperative degree, and certificate programs.

Sheffield Hallam University, United Kingdom [Dec'22]

Sheffield Hallam University is a public research university located in Sheffield, South Yorkshire, England. It is one of the largest universities in the UK, with more than 30,000 students from over 120 countries. The university traces its roots back to the Sheffield School of Design, which was established in 1843. Over the years, it went through several transformations and mergers and eventually became Sheffield Hallam University in 1992, after receiving university status. Sheffield Hallam University offers a wide range of undergraduate and postgraduate programs across various disciplines. It is known for its strong focus on applied learning, professional development, and close industry connections. The university collaborates with numerous businesses, organizations, and professional bodies to ensure its courses align with industry needs and provide students with real-world skills and experiences.

The parties propose to discuss and explore an opportunity of any of the following activities: joint research; staff and student exchange; progression and joint development of programs; any other academic and scholarly endeavors. The purpose of this MoU is to facilitate initial and non-confidential discussions in good faith between both parties in order to establish whether any of the activities comprised in the Objectives are suitable to be pursued.

Short Courses by International Visiting Faculty

Professors from International universities were invited to deliver the short courses to vel tech students under Industry/Higher Institute learning Category. Through this program students were exposed in to international way of teaching. Also through this courses students are getting opportunities to do their final semester project work and Higher education.

Prof.Dr. Celestine Iwendi,

University of Bolton, United Kingdom delivered a short course on "Artificial Intelligence for IoT" to Electronics and Communication Engineering department students by Virtual mode from July 18th to 22nd, 2022. 52 students attended the course.

Prof.Dr. Feng Tyan,

Tamkang University, Taiwan delivered a short course on "Artificial Intelligence and Machine Learning" to Aeronautical Engineering, Automobile & Civil department students on Virtual mode from July 18th to 27th, 2022. 81 students attended the course.

Prof.Dr. Sundresan Perumal

Universiti Sains Islam Malaysia., USA delivered a short course on "Digital Forensics and Incident Response" to Electronics and Communication Engineering department students on Virtual mode from August 1st to 5th, 2022. 68 students attended the course.

Prof.Dr. Saad Bin Kasheem,

AFG College with the University of Aberdeen, Qatar delivered a short course on "Mechatronics System Design" to Electronics and Communication Engineering department students on Virtual mode from August 1st to 5th, 2022. 69 students attended the course.

Prof. Dr. Ahmed Abdelgewad

Central Michigan University, USA delivered a short course on "IoT- Sensors, Communication Technology and Protocols-" to Electronics and Communication Engineering department students on Virtual mode from August 1st to 5th, 2023. 66 students attended the course.

Prof.Dr. Naveen Chilamkurti

La Trobe University, Australia delivered a short course on "Security and Privacy in 6G Networks" to Electronics and Communication Engineering department students on Virtual mode from August 1st to 3rd, 2022. 69 students attended the course.

Prof. Dr. Hee Yong Youn, from Sungkyunkwan University, South Korea delivered a short course on "Performance Modeling and Simulation" to Computer Science and Engineering department students on Campus mode during August 22nd to 31st, 2022. No. of students participated 42

Prof. Dr. Hee Yong Youn, Sungkyunkwan University, South Korea delivered a short course on "Structure and application of smart IoT" to Electronics and Communication Engineering department students by on Campus mode during September 1st to 9th, 2022. No. of students participated 60.

Prof. Dr. R. Logeswaran from City University, Malaysia, Malaysia delivered a short course on "Data Compression Strategies: The Building Blocks" to Information Technology department students on Campus mode from August 23rd to 27th, 2022. No. of students participated 32

Prof. Dr. Olivia Tan Swee Leng from Multimedia University, Malaysia delivered a short course on "Cyber Laws" to School of Law department students on Campus mode from September 5th to 11th, 2022.No. of students participated 102.

Prof. Dr. R. Logeswaran from City University, Malaysia, Malaysia delivered a short course on "Concepts and Future Trends in Big Data & Data Science" to Information Technology department students on Campus mode from August 29th to September 3rd, 2022. No. of students participated 40

Prof. Dr. Hee Yong Youn Sungkyunkwan University, South Korea delivered a short course on "Performance Theory and Evaluation" to Computer Science and Engineering department students on Campus mode from September 12th to 16th, 2022. No. of students participated 36.

Prof.Dr.Saravanan Muthaiyah, from Multimedia University, Malaysia delivered a short course on "Shaping the Future with Technology: An IR4.0 Perspective" to Information Technology department students on Campus mode from September 9th to November 16th, 2022. No. of students participated 36

Prof. Dr. Daniel Chandran, from University of Technology Sydney, Australia delivered a short course on "Design Innovation" to All Departments department students on Campus mode from September 22nd to 23rd, 2022. No. of students participated 38.

Prof. Dr. Lung- Jieh Yang, from Tamkang University, Taiwan delivered a short course on "Micro Air Vehicles" to Aeronautical Engineering department students on Virtual mode from September 19th to 23rd, 2022.No. of students participated 31.

Prof. Dr. Shridhar, from University of Michigan, Dearborn, USA delivered a short course on "Machine Learning and Deep Learning" to Electronics and Communication Engineering department students on Campus mode from October 26st to 31st, 2022. No. of students participated 56.

Prof. Dr. Shridhar from University of Michigan, Dearborn, USA delivered a short course on "Artificial Neural Networks" to Computer Science and Engineering department students by on Campus mode during October 31st to November 4th, 2022. No. of students participated 71.

Prof. Dr. Saravanan Muthaiyah from Multimedia University, Malaysia delivered a short course on "Digital Technologies for smart Cities" to Electronics & Communication Engineering department students on Campus mode from October 17th to 21st, 2022. No. of students participated 51.

Prof. Dr. Daniel Einarson from Kristianstad University, Sweden delivered a short course on "Introduction to machine learning for image processing"to Computer Science and Engineering department students on Campus mode from October 26th to 28th, 2022. No. of students participated 62.

Prof. Dr. Michael Opoku from Agyeman, University of Northampton, UK delivered a short course on "VHDL & IoT" to Electronics and Communication Engineering department students on virtual mode from October 17th to 21st, 2022. No. of students participated 55.

Prof.Dr.Saravanan Muthaiyah, from Multimedia University, Malaysia delivered a short course on "Blockchain Cryptocurencies and Smart Contracts" to Computer Science and Engineering department students on Campus mode from October 31st to November 4th, 2022. No. of students participated 60.

Prof. Dr. Daniel Einarson, from Kristianstad University, Sweden delivered a short course on "Computer Science for Sustainable Development" to Computer Science and Engineering department students on Campus mode from October 17th to 21st, 2022. No. of students participated 55.

Prof. Dr. Saravanan Muthaiyah, from Multimedia University, Malaysia delivered a short course on "Introduction to IoT & Applications" to Computer Science and Engineering department students on Campus mode from October 31st to November 4th, 2022. No. of students participated 62.

Prof. Dr. Jabed choudhury, from La Trobe University, Australia delivered a short course on "Security and Privacy in 6G NeTworks" to Electrical and Electronics Engineeirng department students on Virtual mode fromOctober 31st to November 4th, 2022. No. of students participated 24.


Prof. Dr. Shridhar, from University of Michigan, Dearborn, USA delivered the short course on "Pattern Recognition" to Computer Science and Engineering department students on Campus mode from October 31st to November 4th, 2022. No. of students participated 58.

Prof. Dr. Raju Aedla, from Kumamoto University, Japan delivered a short course on "Satellite Digital Image analysis" to Electronics and Communication Engineering department students on Campus mode from October 31st to November 2nd, 2022. No. of students participated 60.

Prof.Dr. Sundresan Perumal, from Universiti Sains Islam Malaysia, USA delivered a short course on "Digital Forensics and Incident Response" to Electronics and Communication Engineering department students on Virtual mode from October 31st to November 7th, 2022. No. of students participated 64.
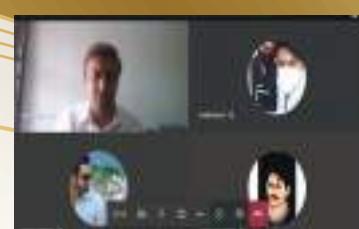
Prof. Dr. Kapil Gupta, The University of Johannesburg, South Africa delivered a short course on "Advanced Manufacturing Technologies" to Mechanical Engineering department students by Virtual mode during October 31st to November 4th, 2022. No. of students participated 60.

International Professor Interaction with Faculty Members

Prof. Dr. Hee Yong Youn from Sungkyunkwan University, South Korea invited as the chief guest and delivered the Keynote talk on the International Conference organized by the Department of Information Technology and Also interacted with faculty members from CSE, ECE, IT department and research professors for mutual collaborations and syllabus revision.

Prof. Dr. R. Logeswaran from City University, Malaysia delivered the Keynote talk on the International Conference organized by Department of Information Technology and also interacted with faculty members from ECE and IT department for mutual collaborations

Prof. Dr. Tan Swen Lee from Multimedia University, Malaysia interacted with faculty members from School of Law, CSE and research professors.

Prof. Dr. Saravanan Muthaiyah from Multimedia University, Malaysia delivered the Keynote talk on the International Conference organized by Department of Information Technology and interacted with faculty members from CSE, ECE, Bio Tech and IT department and research professors for mutual collaborations and syllabus.

Prof. Dr. Shridhar from University of Michigan, Dearborn, USA members from CSE, ECE and Bio Tech department and research professors for mutual collaborations and syllabus revision.

Prof. Dr. Raju Aedla from Kumamoto University, Japan interacted with students working under him for the final year project and also interacted with faculty members from the ECE and Biomedical department.

Prof. Dr. Naveen Chilamkurti from La Trobe University, Australia Interacted with ECE faculty members.

Prof. Dr. Vipul Patel from Senior Lecture, La Trobe Univeristy, Australia Interacted with Civil faculty members and students.

Prof. Dr. Aron O'Cass from Dean, La Trobe Business School, Melbourne, Australia interacted with the Dean School of Management Dr. M. S. R. Mariyappan, Head of the department Dr. Jayaprabha and the faculty members of Management and Commerce curriculum enhancement and the teaching methodologies were discussed.

Student Mobility

Mitacs is jointly funded by the federal and provincial Canadian governments, academic partners and research partners. Between 2006 and 2015, the organization received $128 million in investments from the federal government. In 2015, the federal government pledged $56.4 million over four years (starting in 2016) to Mitacs in support of graduate-level research and development internships

École Polytechnique de Montréal

Mr. Sanjeev Kumar G (VTU 14058 | Biotech) has successfully completed his Research Internship work titled "Bioprocess development (Mammalian Cell Culture)" under the supervision of **Prof. Dr. Olivier Henry** from 15th July 2022 to 7th October 2022 at École Polytechnique de Montréal,Canada.

Abstract: Mammalian cell cultures are widely and increasingly being used for the production of many valuable biotherapeutics including antibodies and vaccines. Cell culture process development aims at achieving high product titers and quality in a timely and cost-effective manner. Due to the typically low product yields and maximum cell densities reached in batch cultures, fed-batch is preferred. In addition, Perfusion was performed to achieve a high titre.

Thompson Rivers University

Mr. Issac Kondreddy G (VTU 14974 | ECE) has successfully completed his Research Internship titled "A metaheuristic Algorithm for Breast Cancer Classification and Diagnosis" under the supervision of **Prof. Dr. Mohamed Tawhid** from 25th July 2022 to 15th October 2022 at Thompson Rivers University, Canada.

Abstract: This Project proposed a Combination of Hunger Games Search Optimization Algorithm and Ensemble Learning to predict the Cancer Classes. This project begins with the collection of Recent Metaheuristic Algorithms and with noted parameters testing those Metaheuristic Algorithms on 2013 CEC Benchmark Functions and a few Cancer Databases at the same time, and then performing a Statistical test" Friedman Test" to rank them and taking the common high ranked Metaheuristic Algorithm.

Carleton University

Mr. Palivela Venkata Naga Ravi Teja G (VTU 12958 | ECE) has successfully completed his Research work titled "RSMA-enabled THz HAPS Communications using Ultra-massive MIMO Antennas" under the supervision of **Prof. Dr. Halim Yani komeroglu** from 27th July 2022 to 18th October 2022 at Carleton University, Canada.

Abstract: The project is about Compact coplanar waveguide (CPW) technique based on multi-input multiple output (MIMO) antennas that have been presented in this article. An impedance bandwidth ranging from 2.26 GHz to 11 GHz is one of the design's distinguishing features (8.4 GHz). The MIMO antenna measures 46 x 46S mm2 (0.73 x 0.73 λ @ 2.26GHz) and the substrate is 1.6 mm thick. The suggested MIMO antenna design has truncated edged radiating slotted patch with modified ground plane for ultra-wideband performance.

Mr. Saranraj S G (VTU 11356 | CSE) has successfully completed his Research work titled "Haptic Devices in Multi-User VR" under the supervision of **Prof. Dr. Robert Teather** at Carleton University, Canada from 27th July 2022 to 18th October 2022.

Abstract: The project is about Cybersickness in virtual reality (VR) is an ongoing problem, despite recent advances in head-mounted displays (HMDs). Discrete viewpoint control techniques have been recently used by some VR developers to combat cybersickness. Discrete viewpoint techniques rely on reducing optic flow via inconsistent displacement, to reduce cybersickness when using stationary HMD-based VR systems.

Athabasca University

Mr. Suraj Van Verma (VTU 11803 | CSE) has successfully completed his Research Internship under the supervision of **Prof. Dr. Maiga Chang** this project titled "Chatbot for Language Learning " from 27th July 2022 to 18th October 2022.

Abstract: The project is about Chatbots are a powerful tool for training, and they are often used as automated first-level support. However, to use chatbots, you need to learn their language, including the syntax, semantics, and other details.

Université Laval

Mr. Raju Ghimire (VTU 16242 | Civil) has successfully completed his Research work titled "Effect of Soil-Structure Interaction on the Seismic Design of Geo Structures" under the supervision of **Prof. Dr. Charles-Darwin Annan** from 29th July 2022 to 20th October 2022 at Université Laval ,Canada.

Abstract: The project is about Understanding the mechanics and modeling of these interfaces is an important step towards a safe and effective design and analysis of SSI problems. The interface as a transition medium could present different complex behaviors under various loading conditions.

Nanyang Technological University

Ms. Ruksana Nazeer K (VTU 11950 | Aero) has successfully completed her Research work titled "Elastic-plastic Fracture and Fatigue study for New Alloys made by Additive Manufacturing (AM) methods" under the supervision of **Assoc Prof. Xiao Zhongmin Annan** from 3rd August 2022 to 31st December 2022 at Nanyang Technological University, Singapore.

Abstract: To analyze the microstructural phenomena and understand the hardness and tensile properties, three samples made of dissimilar metals were fabricated additively via Selective Laser Melting (SLM) which is one of the Laser Power Bed Fusion processes.

Hochschule Düsseldorf - University of Applied Sciences

Mr. Kannam Sree Pranay Chowdary (VTU 15779 | Mech) completed his one-year program titled "Experimental and cfd Analysis of Convective heat flow through Smooth surfaces" under the supervision of **Prof.Dr.-Ing.Habil Ali Cemal Benim** from 1st September 2022 to 31st August 2023 at Hochschule Düsseldorf - University of Applied Sciences, Germany.

Abstract: Heat transfer by definition is given out as a discipline of thermal engineering which is responsible for the exchange of thermal energy between various physical systems. Heat transfer is further grouped into various mechanisms, named as thermal conduction, thermal convection, thermal radiation, and transfer of energy by various phase changes occurred. The flow behaviors over a heated surface dictates about the convective heat transfer characteristics.

University of Orléans

Mr. Vikas Kiran M (VTU 13571 | Aero) and **Mr. Thummaluru Vishnu Vardhan Reddy (13079 | Aero)** Completed there project work titled "Study of Aerodynamics on Road Vehicle" under the Supervision of **Prof. Dr. Nicolas Mazellier** from 1st September 2022 to 25th May 2023 at University of Orléans, France.

Abstract: Aerodynamics studies the relationship between moving objects and fluid, impacting fuel consumption, speed, and visual design. The drag coefficient measures the resistance between a body and surrounding fluid, with lower values improving road vehicle performance in terms of fuel economy and speed. Pressure drag formation behind a moving vehicle is a major concern, influenced by factors such as body profile, velocity, and proximity to other vehicles.

The National Ilan University

Mr. Mukundan B (VTU 10942 | CSE) and Mr. Rohit Kumar (VTU 15145 | CSE) completed their project work titled "Effective machine learning-based skin disease diagnosis using pytorch" from 17th September 2022 to 17th February 2023 under the supervision of Prof. Dr. Hwang-Cheng Wang at The National Ilan University, Taiwan.

Abstract: The application of machine learning in medical diagnosis has become a trend in research. Skin infection is one of the most seen diseases and one of the world's most infectious diseases, influencing people of all ages. The reason for the explicit attention of the research is in skin detection is due to the reason that skin disease is more visible compared to any other disease. In the past, varied methods have been proposed, which have rendered remarkable results.

The National Changhua University of Education
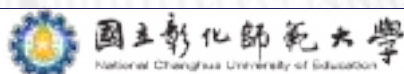
Mr. Nagi Siva Kumar (VTU 15523 | ECE) and Mr. Rajan Kumar Mahato (VTU 16223 | ECE) completed their project work titled "Wavelet- Neural Network for Image Recognition Application - Wafer defect defection" from 1st September 2022 to 28th February 2023 under the supervision of Prof. Dr. Wen-Ren Yang at The National Changhua University of Education, Taiwan.

Abstract : Wafer defect detection is an important step in the semiconductor manuracturing process because it ensures the final product's quality and reliability. Traditional wafer defect detection methods can be slow and error-prone, and they may be incapable of detecting small or complex defects. Machine learning algorithms such as convolutional neural networks (CNNs) have been used to detect wafer defects with promising results in recent years.

Chang Gung University

Ms. Pathi Manaswini (VTU 12721 | ECE), Ms. Yeddula Srilekha (VTU 16010 | ECE) and Mr. Velicheti Sravan Kumar (VTU 13226 | ECE) completed their project work titled "Condition monitoring and management maintenance in self-driving car" from 1st September 2022 to 13th January 2023 under the supervision of Prof. Dr. Cher-Ming Tan at Chang Gung University, Taiwan.

Abstract: A self-driving car can travel without human input. Self-driving cars use sensors to observe their surroundings, such as cameras, radar, LIDAR, ultrasonic sensors, and sonar. As the system works on its own, it is difficult to identify the fault in the car, wise condition monitoring comes into play. Condition monitoring (CM) is the method of monitoring a particular condition in a car to identify changes that could indicate a developing fault.

National Chung Cheng University

Mr. Ajay Kumar (VTU 11968 | Mech) completed his project work titled "Effect of phosphoric acid loading in the catalyst layer of a high temperature proton exchange membrane fuel cell" from 17th September 2022 to 12th March 2023 under the supervision of Prof. Dr. Yong-Song Chen at National Chung Cheng University, Taiwan.

Abstract: This thesis focuses on the investigation of High-Temperature Proton Exchange Membrane Fuel Cells (HT-PEMFC), which are considered a promising alternative to traditional low-temperature fuel cells due to their high is efficiency and improved tolerance to impurities in fuel The performance of HT-PEMFCs depends on the membrane electrode assemblies (MEAs) that consist of a membrane, gas diffusion layers (GDLs), and catalyst layers (CLs).

National Chung Hsing University

Mr. Battini Nuthansai (VTU 13427 | Mech), Mr. Kiruthick Raghav S (VTU 11509 | Mech) and Mr. Sridev G (VTU 11491 | Mech) completed their research work titled "public transit system using LTO battery with a range extending Zn-Air battery-Part 1: Optimization and battery configuration" from 15th September 2022 to 15th January 2023 under the supervision of **Prof. Dr. Vincentius Surya Kurnia Adi** at National Chung Hsing University, Taiwan.

Abstract: Several countries believe that electric vehicles are the way of the future. EV sales have increased dramatically over the last decade. To aid this cause, several governments have set a goal of zero emissions by 2050. Public transportation is a promising market for all-electric vehicles. Nickel Manganese Cobalt (NMC) batteries, which are commonly used in electric buses, necessitate cobalt mining, which has serious environmental and socioeconomic implications.

Tamkang University

Mr. Suryawanshi Sanket Shivaji (VTU 11924 | Aero) and **Mr. Mukesh S (VTU 13004 | Aero)** completed their research work titled "Design and development of CMOS based MEMS piezoresistive pressure sensor" from 15th September 2022 to 15th January 2023 under the supervision of **Prof. Dr. Lung-Jieh Yang** at Tamkang University, Taiwan.

Abstract: The reported project work is on the Micro Electromechanical Systems (MEMS) based Piezoresistive Pressure Sensor for Aerospace Applications. The sensor is tested firstly in COMSOL Multiphysics Simulation software at a range of 0 to 1 atmospheric pressure (0 to 100 kPa) to get the voltage output and its sensitivity. The sensor consists of a p-type silicon diaphragm with 8 piezo resistors connected in full Wheatstone's bridge configuration. The diaphragm is of the dimension of 1mm x 1mm with a total thickness of 11 μm (micrometers).

Yuan Ze University

Mr. Ashish Kumar Kewat (VTU 16193 | CSE) and **Mr. Saurav Kumar Gupta (VTU 11817 | CSE)** has completed there research work titled "Few Shot Learning on Medical Images" under the supervision of **Prof. Dr. Chih Ya Lin** from November 2022 to February 2023 at Yuan Ze University, Taiwan.

Abstract: Image fusion is the process of combining two or more images of the same scene or object to create a new image that contains more information than any of the individual images. The resulting image is often called a fused image or composite image. There are several techniques for image fusion, and the choice of technique will depend on the type of images being fused and the desired outcome. Some of the techniques are pixels-level image fusion, features-level image fusion, multi-resolution image fusion and deep learning-based image fusion.

La Trobe University, Australia

Under the guidance of **Prof. Dr. Zachary Auhl,** a group of 9 talented students from the Department of Computer Science and Engineering successfully completed an intensive research internship titled "IoT Consensus Mechanisms" at La Trobe University, Australia. This comprehensive internship program spanned from 1st August 2022 to 1st August 2023, allowing the students to delve deep into the emerging field of Internet of Things (IoT) consensus mechanisms and gain valuable hands-on experience."

Abstract: The Internet of Things (IoT) has gained significant attention in recent years, and the use of satellite communication for IoT applications is becoming increasingly popular. However, satellite communication presents unique challenges such as low bandwidth, high latency, and the need for efficient and scalable consensus mechanisms.

Founders Foreign Studies Scholarship

SEMESTER ABROAD PROGRAM

Our Founder President and Chancellor, **Col. Vel. Prof. Dr. R. Rangarajan**, and our Foundress President, **Dr. Sagunthala Rangarajan**. The Founders Foreign Scholarship Supports the students who undertake their Semester Abroad program, Research work under the supervision of professors at Abroad Universities.

Ms. Ruksana Nazeer K
11950 / Aero
Nanyang Technological University,
Singapore

Mr. Vikas Kiran M
13571 / Aero
University of Orléans, France

Mr. Thummaluru Vishnu Vardhan Reddy
13079 / Aero
University of Orléans, France

Mr. Kannam Sree Pranay Chowdary
15779 / Mech
Hochschule Düsseldorf
University of Applied Sciences,
Germany

HIGHER STUDIES ABROAD

S. No	ID. No	DEPT	Year of Study	Name of the Student	Name of University	Course	Bon Voyage applied Date
1	VTU11370	CSE	2018-2022	Adapa Tinku Naga Sai Pavan	University of North Texas,United States	M.S. - Computer Science and Information	06.07.2022
2	VTU12294	CSE	2018-2022	Guttikonda Harsha Vardhan	Wichita State University,United States	M.S- Computer Science	07.07.2022
3	VTU14743	CSE	2018-2022	Ravella Vishnu	University of North Texas,United States	M.S- Data Science	07.07.2022
4	VTU12195	CSE	2018-2022	Kota Eswar Narashima Prasad	New Jersey Institute Of Technology,United States	M.Sc - Computer Science	15.07.2022
5	VTU12374	CSE	2018-2022	Jaya Rajya Lakshmi Kotla	University of Missouri Kansas City,United States	M.S- Data Science	18.07.2022
6	VTU14700	CSE	2018-2022	Boppana Sai Kiran	University of North Texas,United States	M.S- Data Science	18.07.2022

S. No	ID. No	DEPT	Year of Study	Name of the Student	Name of University	Course	Bon Voyage applied Date
7	VTU 14545	CSE	2018-2022	Kamani Venkata Keerthi	State Uiversity,United States	M.S -Applied Computer Science	20.07.2022
8	VTU14232	CSE	2018-2022	Bhuvanendra Jonnalagadda	State University of New York, Buffalo,United Sates	M.S - Data Science and Applications	22.07.2022
9	VTU4172	Auto	2013-2017	Pathan Saif Suleman Khan	University of Houstion,United States	M.S - Industrial Engineering	23.07.2022
10	VTU13334	ECE	2018-2022	Kandula Charitha	Northern Arizona University,United States	M.S - Computer Science	23.07.2022
11	VTU12549	ECE	2018-2022	Rakesh Jampala	University of Texas at Dallas,United States	M.Sc - Computer Science	26.07.2022
12	VTU12884	CSE	2018-2022	Abhi Patibandla	Bowling Green State University,United States	M.S - Cybersecurity and Digital Forensics	26.07.2022
13	VTU9042	Aero	2017-2021	Mallela Venkata Sumanth	University of Texas at Arlington,United States	M.E - Aerospace Engineering	26.07.2022
14	VTU11242	CSE	2018-2022	Chalasani Trinadh Venkata Phaneendrababu	Texas A&M University - Commerce,United States	M.S - Computer Science	29.07.2022
15	VTU14249	CSE	2018-2022	Rajesh Kotapati	Sacred Heart university,United States	M.S - Computer Science	30.07.2022
16	VTU11241	CSE	2018-2022	Chalasani Leelavenkata Nagendrababu	Texas A&M University - Commerce,United States	M.S - Computer Science	29.07.2022
17	VTU11346	CSE	2018-2022	Sabbisetty Venkata Nagasataya Sai Rakesh	Illinois State University,United States	M.S - Computer Science	30.07.2022
18	VTU8836	CSE	2017-2021	Yeswanth Eadara	Clark University,United States	M.S - Computer Science	01.08.2022
19	VTU14699	CSE	2018-2022	Adarsh Mandadi	University of North Texas,United States	M.S - Data Science	01.08.2022
20	VTU11585	CSE	2018-2022	Vemula Praneeth	Illinois State University,United States	M.S - Computer Science	02.08.2022
21	VTU4952	ECE	2014-2018	Adarsh Kumar Gupta Bayya	University of the Pacific San	M.S - Data Science	03.08.2022
22	VTU12283	ECE	2018-2022	Buddhavarapu Uday Kumar	Rowan University,United States	M.S- Computer Science	05.08.2022
23	VTU12911	ECE	2018-2022	Kota Sai Naveen	Rowan University,United States	M.S- Computer Science	05.08.2022
24	VTU11355	CSE	2018-2022	Sushma Mandati	University of New Haven,United States	M.S- Data Science	05.08.2022
25	VTU7800	ECE	2016-2020	Brahma Reddy Akumalla	National Central University,Taiwan	M.S- Computer Science	10.08.2022
26	VTU11270	Biotech	2018-2022	Vishnavi M Nair	Technical University of Munich,Germany	M.S- Agricultural Biosciences	19.09.2022
27	VTU14531	EEE	2018-2022	Muneer Baba Ganganapalli	University of Greenwich,United Kingdom	M.S-Electrical Power Engineering with Industrial practice	14.11.2022
28	VTU11320	Aero	2018-2022	Sreehari V	Dalhousie University,Canada	M.E- industrial Engineering	17.11.2022

S. No	ID. No	DEPT	Year of Study	Name of the Student	Name of University	Course	Bon Voyage applied Date
29	VTU14406	ECE	2018-2022	V Reethika Rao	University of Greenwich,United Kingdom	M.S- -Engineering Management with Industrial practice	29.11.2022
30	VTU11319	Mech	2018-2022	Vishnuprasad V	RMIT University,Australia	M.S-Occupational Health and Safety	29.11.2022
31	VTU14636	CSE	2018-2022	Korukonda Kishore	University of North Texas,United States	M.S-Cyber Security	05.12.2022
32	VTU12306	CSE	2018-2022	Achanta Manoj Teja	University of North Texas,United States	M.S-Cyber Security	12.12.2022

ERASMUS Award

ERASMUS

Erasmus+

tribos+
Joint European Master in Tribology of Surfaces and Interfaces
Ljubljana • Leeds • Coimbra • Luleå

Funding:

47000 Euros
Rs.42,30,613/- INR

Funded By: Erasmus Mundus

Course: MSc Joint European Master on Tribology of Surface and Interfaces - TRIBOS

Coordinating Institute: SI -university of Ljubljana
Partner University: UK - University of Leeds
PT - Univeristy of Coimbra
SE - Lulea Tekniska Universitet
Mobility Category: Joint Master Programme
Start date: 28/09/2022
End date: 27/09/2024
Period of study: 24 Month(s) on a full-time basis.

Semester 1 & 4 - University of Leeds, United Kingdom
Semester 2 - University of Ljubljana, Slovenia
Semester 3 a - University of Coimbra, Portugal
Semester 3 b - Lulea Tekniska Universitet, Sweden

Tsering Wangmo

VTU11705
Mechanical Engineering
Batch: 2018-2022

Higher Studies abroad with Scholarship

Sl. No.	Name of student enrolling into higher education	Dept.	Name of institution admitted to	Name of Programme admitted to	Scholarship Amount
1	Tsering Wangmo	Mech	Erasmus Mundus Joint master's degree	TRIBOS+ (Tribology of Surfaces and Interfaces)	Euro 47000
2	Pathan Saif Suleman Khan	Auto	University of Houston	M.S - Industrial Engineering	NTD: 144000
3	Bandharla Dharani	Aero	National Cheng Kung University	Master - Aeronautics and Astronautics	NTD: 284200
4	Jyothirmai Seela	CSE	University Of North Texas	MS - Information Systems and Technologies	USD: 10000
5	Vennapusa Bhanu Prakash Reddy	CSE	Northumbira University	MSc - Advanced Computer Science with Advanced Practice	USD: 1750
6	Vemula Praneeth	CSE	Illinois State University	MS - Computer science	USD: 1836
7	Akhil Vippadapu	CSE	Southeast Missouri State University	MSc - Applied Computer Science	USD: 2000
8	Mandati Sushma	CSE	University Of New Haven	MS - Data Science	USD: 20000
9	Rajesh Kotapati	CSE	Sacred Heart University	MS - Computer Science	USD: 2500
10	Karampudi Vishnu Chaithanya	CSE	University Of North Texas	Master - Computer and Information Science	USD: 3672
11	Mynampati Vishnu	CSE	Kent State University	MS - Computer Science	USD: 3672
12	Podishetti Vishnu Goud	Civil	Teesside University	MSc - Project Management (with Advanced Practice)	USD: 4000
13	Minnakanti Vinay Babu	CSE	Texas A & M University - Corpus Christi	MS - Computer Science	USD: 500
14	Nalla D N V Manikanta Manohar	Civil	University Of Houston	MS - Construction Management	USD: 5300
15	Chalasani Trinadh Venkata Phaneendrababu	CSE	Texas A&M University	MS - Computer Science	USD: 6000
16	Shanmukha Sai Reddy Manukonda	CSE	Dayton University	Master - Computer Science	USD: 7344
17	Cherukuri Chandana	CSE	University Of Memphis	MSc - Computer Science	USD: 8000
18	D.Phanindra	CSE	University Of North Texas	Master - Mathematics and Statistics	USD: 8000
19	Kattameedi Venkata Subba Reddy	CSE	University of Texas - Arlington	M.S. - Computer Science and Information	USD: 8000
20	Chakiri Yaswanth	CSE	University Of Alabama at Birmingham	MS - Computer and Information Science	USD:5300

Higher Studies abroad

Sl. No.	Name of student enrolling into higher education	Dept.	Name of institution admitted to	Name of Programme admitted to
1	Sirigiri Mouli	Aero	University Of Hertfordshire	MS - Data Science
2	Gaddam Yashwanth Reddy	Aero	The University of Texas at Arlington	MS - Aerospace Engineering
3	Solipuram Kamalakar Reddy	Aero	Teesside University	MSc - Aerospace Engineering (with Advanced Practice)
4	Borde Ganesh	Aero	Florida Institute of Technology	Master - Aerospace Engineering
5	Simron Biswas	Aero	École Centrale De Lyon	Master - Aerospace Engineering
6	Sreehari V	Aero	Dalhousie University	MS - Industrial Engineering
7	Mallela Venkata Sumanth	Aero	University of Texas at Arlington	M.E - Aerospace Engineering
8	Vaddireddy Sai Ganesh Reddy	Auto	University Of Liverpool	MSc - Advance Manufacturing Systems & Technology
9	Alapati Devi Divya Sri	BBA	University Of Central Oklahoma	MSc - Business Analytics
10	Sarikonda Jaya Prakash Raju	BBA	Adelphie University	MSc - Business Analytics
11	Sweta Jha	Bio Med	Yuan Ze University	Master - Electrical Engineering
12	Perumal D	Bio Med	Institute Of National Polytechnic Toulouse	Master - Embedded system and Electronic Communication and application
13	Vaishnavi M Nair	Biotech	Technical University of Munich	MS - Agricultural Biosciences
14	Umanandini S	Chemistry	Georgian College at Ilac	PG - Project Management
15	Ettamsetti Prasad	Civil	Coventry University	MSc Supply Chain Management and Logistics
16	Bhuvanendra Jonnalagadda	CSE	State University Of New York At Buffalo	Master - Computer and Information Science
17	Ramya Reddy Vardireddy	CSE	Texas A & M University, Kingsville	MSc - Computer Science
18	Kavuri Sowjanya Chowdary	CSE	University Of Bridgeport	MSc - Computer Science
19	Nalla Upendra	CSE	Wichita State University	Master - Computer Science
20	Guggulla Siva Sandeep Reddy	CSE	Teesside University	MSc - Computer Games Programming
21	K. Sai Pragna	CSE	New Jersey Institute of Technology	Master - Computer and Information Science
22	Korlapati Vineetha	CSE	Southeast Missouri State University	Master - Computer and Information Science
23	Goutham Reddy Enugula	CSE	State University Of New York At Buffalo	Master - Computer and Information Science
24	Jaya Rajya Lakshmi Kotla	CSE	University Of Missouri Kansas City	MS - Computer Science
25	N Dushyanth	CSE	Wichita State University	MS - Computer science
26	Dendukuri Sai Pankaj Varma	CSE	Long Island University	MS - Computer science
27	Mohan Vamsi Seelam	CSE	University Of Central Oklahoma	MS - Computer science
28	Subash J	CSE	University Of North Texas	Maser - Information Technology
29	P.Deepak Reddy	CSE	New Jersey Institute of Technology	MSc - Computer science
30	Ailuri Naveen Reddy	CSE	Texas Tech University	Master - Computer and Information Science
31	Harsha Vardhan Mandadapu	CSE	Northern Arizona University	MS - Computer science

Sl. No.	Name of student enrolling into higher education	Dept.	Name of institution admitted to	Name of Programme admitted to
32	K Lalith Teja	CSE	University Of New Haven	Master - Computer and Information Science
33	Sai Kiran Ch	CSE	University Of North Texas	MS - Business Analytics
34	Rishitha Sai Kavuru	CSE	George Mason University	MSc - Computer Science
35	Durga Chowdary Lam	CSE	Kent State University	Master - Computer Science
36	Manam Sai Sumanth	CSE	University Of Missouri Kansas City	MS - Computer Science
37	Adapa Tinku Naga Sai Pavan	CSE	University Of North Texas	MS - Cyber Security
38	Guttikonda Harshavardhan	CSE	Wichita State University	MS - Computer science
39	Prem Chand Autukuri	CSE	University Of North Carolina	MSc - Computer Science
40	Saikiran Boppana	CSE	University Of North Texas	MSC - Data Science
41	Ravella Vishnu	CSE	University Of North Texas	MS - Data Science
42	Kota Eswar Narasimha Prasad	CSE	New Jersey Institute of Technology	MSc - Computer Science
43	Venkata Nagasatya Sai Rakesh Sabbisetty	CSE	Illinois State University	Masters - Computer science
44	Bellamkonda Chandra Sekhar	CSE	University Of North Carolina At Charlotte	MSc - Computer Science
45	Kamani Venkata Keerthi	CSE	University Of North Texas	MS - Computer science
46	Mandadi Adarsh	CSE	University Of North Texas	MS - Data Science
47	Sanivarapu Narsi Reddy	CSE	University Of New Haven	MS - Computer Engineering
48	Goli Suraj Reddy	CSE	University Of New Haven	MS - Business Analytics
49	Patibandla Abhi	CSE	Bowling Green State University	MS -Computer Science Cyber Security and Digital Forensics
50	Pattem Vamsi Krishna	CSE	Wright State University	MS - Computer Science
51	Dhulipalla Krishna Vamsi	CSE	Virginia Tech	MS - Computer Science
52	Korukonda Karthik	CSE	Wichita State University	MS - Computer Science
53	Vaddireddy Vinay Reddy	CSE	Federation University	MS - Computer Science
54	Seela Akhilesh	CSE	Anglia Ruskin University	MS - Computer Science
55	Malgireddy Revanth Reddy	CSE	University Of North Texas	MS - Computer Science
56	Chinthalapally Nikhil	CSE	University Of Central Missouri	MS - Computer Science
57	Pakupatla Niranjan Reddy	CSE	Saint Peter's University	MS - Computer Science
58	Anam Anvesh Reddy	CSE	Northwest Missouri State University	MS - Computer Science
59	Degapudi Saranya	CSE	University Of New Haven	MS - Computer Science
60	Dhanunjai Sai Kumar	CSE	Monash University	Master - Cyber security
61	Anumula Jayanth Reddy	CSE	University Of North Carolina At Charlotte	MS - Computer Science
62	Chalasani Leelavenkata Nagendrababu	CSE	Texas A&M University	MS - Computer Science
63	Yeswanth Eadara	CSE	Clark University	M.S - Computer Science
64	Patnala Sri Satya Venkata Vinay Mahesh	ECE	Wright State University	MS - Computer Science
65	Rakesh Jampala	ECE	University Of Texas at Dallas	MS - Computer Science
66	Madhusudhanreddy B	ECE	Stevens Institute of Technology	ME - Computer science
67	Muvva Bhargav Kumar	ECE	Indiana State University	MS - Computer Science
68	Shaik Chandu	ECE	Wichita State University	MS - Computer Science
69	Kandula Charitha	ECE	Northern Arizona University	MS - Computer Science
70	Hemanth Mamillapalli	ECE	University Of New Haven	MS - Electrical Engineering
71	Parvathaneni Karthik	ECE	Texas A&M Corpus Christi	MSc - Computer Science
72.	Kurakula Devi	ECE	Saint Louis University	MS - Computer Science
73	A Raghavendra Reddy	ECE	Pace University	MS - Computer Science

Sl. No.	Name of student enrolling into higher education	Dept.	Name of institution admitted to	Name of Programme admitted to
74	Vadde Reethika Rao	ECE	Greenwich University Medway Campus	MSc - Engineering Management with Industrial Practice
75	Mudireddy Tharun Reddy	ECE	Saint Louis University	MS - Computer Science
76	Putchakayala Namratha	ECE	University Of Missouri-Kansas City	MS - Computer Science
77	Jayaprakash Sangem	ECE	University Of Greenwich	MSc - Electrical and Electronic Engineering with Industrial Practice
78	Kudithipudi Reethi	ECE	Murray State University	MS - Information Technology
79	Kamatham Sai Uttej	ECE	University Of Bridgeport	MS - Computer Science
80	Putta Sai Neeraj	ECE	University Of Hertfordshire	MSc - Data Science and Analytics with Sandwich Placement
81	M.Sai Pramitha	ECE	Hochschule Darmstadt University of Applied Sciences.	MSc - Electrical Engineering and IT
82	K Sai Naveen	ECE	Rowan University	MS - Computer Science
83	Buddhavarapu Uday Kumar	ECE	Rowan University	MS - Computer Science
84	Brahma Reddy Akumalla	ECE	National Central University	M.S- Computer Science
85	Adarsh Kumar Gupta Bayya	ECE	University of the Pacific San Francisco	M.S - Data Science
86	Ganganapalli Muneer Baba	EEE	University Of Greenwich	MSc - Electrical Power Engineering with Industrial Practice
87	Avula Manohar Reddy	EEE	University Of Houston-Clear Lake	MS - Computer Science
88	Bala Chandra Sekhar Reddy Bhavanam	IT	Murray State University	MSc - Information systems
89	Mandhadi Nishitha	IT	University Of North Texas	MS - Computer Science
90	Mamidala Rithik Chandra	IT	University Of North Texas	MS - Information Science
91	Aravind Sai Genikala	Mech	Conestoga College	MS - Applied Manufacturing Management - Automation
92	Joel M Devasia	Mech	Federation University	Master of Engineering Project Management
93	Aditya Vardhan Yarramsetty	Mech	Kent State University	MS - Mechatronics Engineering
94	Bathina Venkateswarlu	Mech	University Of New Haven	MS - Mechanical Engineering
95	B Sushanth Reddy	Mech	Pennsylvania State University	MS - Mechanical Engineering
96	Marati Abhishek	Mech	Middlesex University	MSc - Data Science
97	Gunneri Surendra	Mech	Southern Illinois University	MS - Industrial Engineering
98	Kaliappa Rangarajan P	Multimedia	Kingston University	MA - Computer Animation with Professional Placement

International Events and Guest Lecture Series

The office of International Relations & School of Law Jointly organized a One Week International Faculty Development Programme (IFDP) on IPR and Cyber Laws between 07th – 13th September 2022. **Prof. Dr. Olivia Tan Swee Leng** Professor at Multimedia University, Malaysia inaugurated the event and delivered a session on Recent Trends in Cyber Law.

The office of International Relations Jointly with La Trobe University, Melbourne, Australia Organized a one-day Seminar on Emerging Technologies that will Transform our World: Life in the Future. On 30th September 2023 at Vel Tech Campus.

The following delegates **Prof. Dr. Naveen Chilamkurti**, Associate Dean (International Partnerships), Head of Cybersecurity Discipline, School of Computing, Engineering and Mathematical Sciences, **Prof. Dr. Simon Egerton**, Deputy Head of Dept, Computer Science & Information Technology, and **Prof. Dr. Vipul Patel,** Senior Lecture, Department of Civil Engineering from La Trobe University, Melbourne, Australia delivered lectures during the seminar.

A one-day Seminar on Real time Sensing and Data Management Techniques with IoT for Agriculture was conducted on 20th October 2022. **Prof. Dr. Ahmad Al-Mallahi,** Industry Research Chair and Assistant Professor, Faculty of Agriculture, Department of Engineering, Dalhousie University, Canada handled the seminar.

On 03rd November 2022 **Ms. Reshmi Gera**, Head – Academics, ETS India trained our faculty members from the English Department for the TOEFL and GRE Examinations. The training was about the tricks and tactics to crack a good score in TOEFL and GRE.

Prof. Aron O'Cass, Dean, La Trobe Business School, Melbourne, Australia delivered a one-day Seminar on Rising Business Techniques that will Transform our World: Life in the Future on 24th November 2022 organized by Office of International Relations Jointly with La Trobe University, Melbourne, Australia.

Prof. Dr. Olivia Tan Swee Leng, Multimedia University, Malaysia delivered the faculty development Programme (FDP) on "Intellectual Property Rights Cyber Laws" to School of Law department students on Campus from September 5th to 11th, 2022. More than 150 participants from different region of India attended this program

Prof. Dr. Daniel Chandran, University of Technology Sydney, Australia delivered the faculty development Programme (FDP) on "Teaching & Learning: Design Studio" to All school faculty members on Campus fromSeptember 19th to 21st, 2022. From Vel Tech 38 faculties from various departments of engineering, law, management, and social sciences attended the event.

Prof. Dr. Shridhar, University of Michigan, Dearborn, USA delivered the faculty development Programme (FDP) on "Artificial Neural Networks" to CSE department faculty members on campus between November 7th to 11th, 2022 for which about 38 faculty members from CSE department attended and benefitted from the event.

International Promotion & Awareness Activities

1. Organized the awareness session on 04th September 2022 about Higher Study opportunities in German & Indo-German Centre for Higher Education [IGCHE] Program and delivered by Mr. Abhishek Mazumdar Graduate Student, Westfälische Hochschule Gelsenkirchen, Germany.

2. The awareness session was conducted on GRE and TOEFL on 29th October 2022 by Mr. Naveen, Manager, India.

3. New challenges for Higher Education and Work opportunities in UK was conducted on 19.11.2022 by Mr. Mohammed Hashique, Regional Brand Marketing Manager - SI UK, SI UK.

4. Mr. Kumaresan, Manager, Manya Princeton Review delivered a session on the topic "Study abroad for Bright Future" on 22nd November 2022.

Foreign Language Courses

The Foreign language courses are offered under the Value Education Elective of 3 credit in VTR15 Regulations and Open Elective of 2 credits in VTR21 regulations. The following foreign Language Courses were taught by the certified trainer and Native Language Speakers.

German　　　　**French**　　　　**Mandarin Chinese**

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

Issue 10

July to December 2022

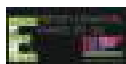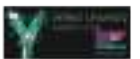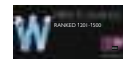**For any queries / Clarification, you may contact**

Dr. P. Suresh
Dean - International Relations
Office of International Relations
Vel Tech, Chennai
Block: 20 | Room No : 2001
M: +91 96000 40255 (whatsapp also) | E: dint@veltech.edu.in

Recognizations & Achievements

*Restricted Circulation Only

No.42, Avadi - Vel Tech Road, Vel Nagar, Avadi, Chennai - 600 062

www.veltech.edu.in   **Tollfree : 1800 212 7669**