



## BULLETIN

### DIRECTORATE OF INTERNATIONAL RELATIONS



12 Students of 3rd Year has been selected for 2020 MITACS Globalink Research Internship. More details at Pg. 24

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Dear all,

Greeting from Directorate of International Relations!!!

It gives us immense pleasure to connect with you through this Bulletin, Issue 7. This Bulletin summarises the activities of the Directorate from October 2019 to March 2020.

This seventh issue features various regular activities such as Student Mobility, Specialised Courses by International Visiting Faculty, New **MoU's signed, Vel Tech delegations abroad and Events organized.** Among them, 12 students of Vel Tech had been selected for MITACS Globalink Research Internship & one student had been selected by CERN (European Organization for Nuclear Research) for pursuing research work under the supervision of Eminent Researchers.

We invite you to join us with your inputs for strengthening the activities.

Thank You

Vel Tech - Team International

## Short Term - Student Mobility (Incoming)

Opportunities for Short Term / Long Term Student Mobility (15 days to 2 Semesters) to the students from Universities Abroad for course works and / or for Project / Research work.

The Institution regularly hosts students from Partner Universities for their Project Work / Course Work. Vel Tech has excellent facilities for accommodation.

Chennai is a friendly city with nice tourist spots nearby for spending weekends. More than 100 Students were hosted by the University for taking up Projects works and / or Courses from UPM - Malaysia, INSA - France, University of Orleans - France, University of Tours - France, Tamkang University - Taiwan, ESTACA - France etc.,

Scholarships also available to the Incoming Students from Partner Universities towards covering entire living expenses.

For more details, please write to [dint@veltech.edu.in](mailto:dint@veltech.edu.in)



Project List for Incoming Students



Online Application Incoming Students

### Team International

Dr. S. Sivaperumal  
Director for International Relations

Mr. R. Prabhakar  
Advisor - Europe Relations

Mr. G.A. Tamilazhagan  
In-Charge of Student Mobility  
(Outgoing & Incoming)

Mr. T. Rameshkumar  
In-Charge of Faculty Mobility and  
Joint Programmes

Mr. V. Sethuram  
In-Charge of Research Internships, International  
Delegations Management and Publications

Mr. C. Ashok Kumar  
In-Charge of Communications, Office  
Management & International Students Support

Mr. D. Selva Vishnu  
Administrative Assistant

### Invitation for International Visiting Faculty Members

The objectives of this Visiting Faculty programme is to offer short course (s) towards exposing the students to new topics / latest technologies in Engineering & Technology and also to identify areas of possible joint research through interaction with Vel Tech researchers.

The course may be for the duration of **15 hours to 45 hours**. Credit will be awarded based on the assessment by the Visiting Faculty. Minimum 30 hours of teaching expected. Two independent 15 hours courses are preferred.

The course topics are expected to be in Emerging Areas under the broad streams of Engineering such as Mechanical (including Materials), Aeronautical, Electrical, Automobile, Electronics & Communication, Computer Science, Civil, Information Technology, Bio-Technology and Bio-Medical. The exact topic of the short course may be mutually decided.

Period: At least one week during  
**January - April (or) July - October**

Entitlements:

- Travel by economy class to Chennai & back
- Hospitality at Chennai including stay at Vel Tech Guest House, food arrangements, and internal travel at Chennai.
- Honorarium

## Founder's Foreign Scholarship for Student Mobility & Higher Studies

For Higher Studies Abroad

1. Mr. Mastan Raja Papanaboina  
(Aero, 2013-2017)
2. Mr. Ramanuja Sreaus. R. S.  
(Aero, 2015-2019)

Apply for

**Founder's Foreign Scholarship**



Mr. Mastan Raja Papanaboina, VTU 4385, 2013-2017 batch of Aeronautical Engineering Dept. & Mr. Ramanuja Sreaus. R.S, VTU 5887, 2015-2019 batch of Mechanical Engineering Dept. receives Founder Foreign Scholarship for Higher Studies from Dean - School of Mechanical and Construction & HoD - Aeronautical Engineering on 13rd Feb., 2020. Mr. Mastan has got admission for Doctoral Program in **Electrical and Electronic Engineering at Kaunas University of Technology, Lithuania with the scholarship of 722 Euro's per month for 1st year and 836 Euro's per month from 2nd to 4th year from the Government of Lithuania.** Mr. Ramanuja has got admission for **M.Eng in Engineering and Technology Management - Mobility and Automotive Management at SRH Berlin University of Applied Sciences, Germany.** Prof. Feng Tyan, Professor - Dept. of Aerospace Engineering, Tamkang University, Taiwan graced the event and inspired the students to **take the alumni's path. Both the alumni's shared their experiences & motivated their juniors to pursue higher studies in their relevant fields.**

### For Internships & Semester Abroad Programmes (2019-20)

- |  |  |
|--|--|
| 1. Mr. Vishal Chauhan (IT)                   | 22. Mr. Sivanjaneya Reddy Yelugoti (Mech)  |
| 2. Ms. Nikhitha Divi (CSE)                   | 23. Mr. Ramkumar Niluroutu (Mech)          |
| 3. Mr. Hema Teja Reddy Puthalapattu (Mech)   | 24. Mr. Venkata Subba Sai Jayanth G (Mech) |
| 4. Mr. Ganesh Shankar Putta (Mech)           | 25. Mr. Santhosh Reddy Lingala (Mech)      |
| 5. Mr. Chakradhar Kalle (Mech)               | 26. Mr. Harsha Vardhan Reddy T (Mech)      |
| 6. Mr. Damodar Reddy Sirammagari (Mech)      | 27. Mr. Vamsidhar Reddy Rajoli (Mech)      |
| 7. Mr. Anand Ratna Kumar Gantyada (Mech)     | 28. Mr. K. Durga Srikanth (ECE)            |
| 8. Mr. Sai Kumar Reddy Bodaddala (Mech)      | 29. Mr. Shiva Reddy (ECE)                  |
| 9. Mr. Anil Kumar Palagiri (Mech)            | 30. Mr. Venkatesh Dasari (ECE)             |
| 10. Mr. Siva Durga Manikanta Gurajala (Mech) | 31. Mr. Sahadasan Khute (Aero)             |
| 11. Mr. Sayed Yakub Pasha (Civil)            | 32. Mr. Harish Reyya (Mech)                |
| 12. Ms. Ajjarapu Sai Sahithi (Civil)         | 33. Mr. Praveen Reddy Bobbali (Mech)       |
| 13. Mr. Grandhi Rama Raju (Aero)             | 34. Mr. Mahesh Naga Sai Kondapalli (Aero)  |
| 14. Mr. Bala Syam Kumar Karuparthi (Aero)    | 35. Ms. Yuvaja karnam (Aero)               |
| 15. Mr. Vinay Kumar Bandarla (Mech)          | 36. Mr. Ekanshu Khurana (Aero)             |
| 16. Mr. Sai Venkata Raju Mullapaku (Mech)    | 37. Mr. Srichandan Yerragudi (Aero)        |
| 17. Mr. B. S. Venkatesh Siva Kumar R (Mech)  | 38. Mr. Yogesh Kumar (Aero)                |
| 18. Mr. Chakravarthy Dumpala (Mech)          | 39. Mr. Reetesh Tiwari (Mech)              |
| 19. Mr. Neethish Kumar Unnam (Mech)          | 40. Mr. Bansharai Khardewsaw (CSE)         |
| 20. Ms. Sahithi Rayidi (CSE)                 | 41. Mr. Manoj Uddanti (Mech)               |
| 21. Ms. Sahithya Chavvamaremmagari (Civil)   | 42. Ms. Jyoshnavi Akiri (ECE)              |

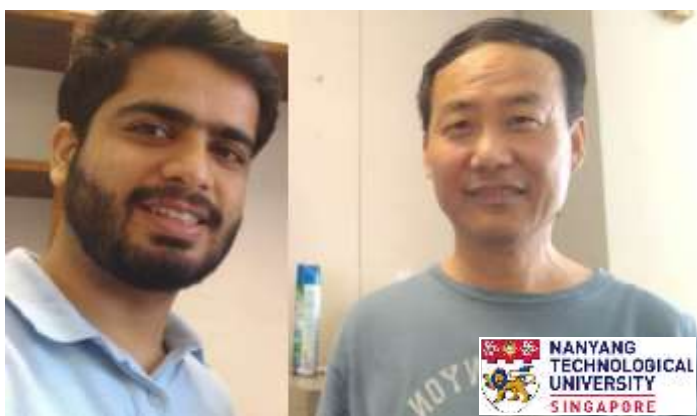
## Student Mobility (Outgoing & Incoming)

### Student Mobility Outgoing

32 students got opportunity to complete their Project Work abroad under Exchange / Internship during Winter Semester 2019-2020

#### Nanyang Technological University, Singapore

Mr. Ekanshu Khurana (Aero) got selected for NTU-India Connect Research Internship Programme & did his final semester project work at Nanyang Technological University, Singapore under the guidance of Associate Professor Dr. Jian-Jun Shu in the project titled **“Riemann Zeta function”** with partial funding support provided by Vel Tech.



#### Kumamoto University, Japan

Mr. Reetesh Tiwari (Mech) did his final semester project work at Kumamoto University, Japan under the guidance of **Professor Shuichi Torii** in the project titled **“Heat Transfer enhancement in heat pipe using copper porous microstructure”** with partial funding support provided by Kumamoto University and Vel Tech.



#### University of Applied Sciences Düsseldorf, Germany

Mr. Praveen Reddy Bobbali (Mech) is did his final semester project work under student exchange programme at University of Applied Sciences Düsseldorf (Hochschule Dusseldorf), Germany under the guidance of Professor Dr. Andreas Jahr in the project titled **“Simulation and Validation of a Double Blade Mover with Oscillating Mechanism”** with partial funding support provided by Vel Tech.



#### National Chiao Tung University, Taiwan

Four Students did their final semester project work at National Chiao Tung University, Taiwan with funding support of 15000 NTD/36000 INR per month under Taiwan Experience Education Program (TEEP).

Mr. Manideep Reddy Nanabolu (CSE), Mr. Prem Ajith Varma Penumatcha (CSE), Ms. Nikita (IT) and Ms. Shalini Tomar (IT), **were worked on the project titled “Smart glasses for visually challenged using image processing techniques”** under the guidance of Professor Hank Huang.



## Tamkang University, Taiwan



Three Students did their final semester project under student exchange programme at Tamkang University, Taiwan with partial support from Vel Tech.

Mr. Praneeth Kumar Pinninti, Mr. Rajveer Geetha Venkatajalapathy and Ms. Mahima Kuna were worked on the project titled **"Fabrication and Design Analysis of Autonomous UAV"** under the guidance of Professor Prof. Fu-Yuen Hsiao.



Two Students did their final semester project at Tamkang University, Taiwan with funding support of NTD 13000 / INR 30000 per Month under Taiwan Experience Education Program (TEEP). Ms. Alekya Potnuru (Aero) & Mr. Balaji Vasantha Vada (Aero) were worked on the project titled **"Concept Unsteady CFD of Mav's And CMOS Flow Sensor"** under the guidance of Prof. Dr. Lung-Jieh Yang.

## Universiti Kuala Lumpur, Malaysia



Mr. Manoj Uddanti (Mech) did his final semester project work under student exchange programme at Universiti Kuala Lumpur, Malaysia under the guidance of Professor Dr. Muhamad Husaini Abu Bakar in the project titled **"Design and CFD Analysis of thermoelectric cooling system"** with partial funding support provided by Vel Tech.

## National Cheng Kung University, Taiwan

Two students did their final semester project work under student exchange programme in Department of Aeronautics and Astronautics at National Cheng Kung University, Taiwan with partial funding support from Vel Tech.

Ms. Yuva karnam (Aero) worked on the project titled **"Payload Dropping Mechanism for Solar Powered Unmanned Aerial Vehicle"** under the guidance of Prof. Lai, Ying Chih.

Mr. Mahesh Naga Sai Kondapalli (Aero) worked on the project titled **"Optimal Path for Solar Powered Unmanned Aerial Vehicle"** under the guidance of Prof. Lai, Ying Chih.



## HIGHLIGHTS

Working relations with 526  
Institutions across 56 Countries

## National Chin Yi University of Technology, Taiwan

Ten students did their final semester project work at National Chin Yi University of Technology (NCUT), Taiwan with funding support of 30000 NTD / 73000 INR to each student for the entire duration under Taiwan Experience Education Program (TEEP).



Mr. Gowtham Reddy Bonala (ECE) worked on the project titled **"Implementation of Agriculture Technology on Wireless Sensor Network"** under the guidance of Prof. Dr. Tsunami-Hung-Lin.



Mr. Hemanth kumar Burrumsetty (ECE) worked on the project titled **"Multiple DI Mini Configuration of Smart Home Automation"** under the guidance of Prof. Jan-Dong Tseng.



Mr. Venkata Sunil Kumar Vegilisetty (EEE) worked on the project titled **"Novel Optimization Approach in Ultrasonic Machining Unilateral Compensation for Resonant Vibration in Primary Side"** under the guidance of Prof. Her Terng Yau.

Mr. Ashok Kumar Gurram (ECE) worked on the project titled **"Real time logo detection via yolo"** under the guidance of Prof. Dr. Chuin-Mu Wang.

Mr. Raveendra Muddineni (ECE) worked on the project titled **"Design of synchronized large-scale chaotic random number generators and its applications to secure communication"** under the guidance of Prof. Dr. Prof. Jun-Juh Yan.

Mr. Elangovan Chelliah (ECE) worked on the project titled **"Development of Intelligent Bike Front Fork Suspension System"** under the guidance of Prof. Dr. Hsiung-Cheng Lin.

Mr. Venkata Manish Chatakondur (ECE) worked on the project titled **"Study of Mini Self Driving Car Deep Image Analysis Based on Architecture of AIOT"** under the guidance of Prof. Dr. Wen T-Sai Sung.

Mr. Mahendra Reddy Bogireddy (ECE) worked on the project titled **"Optimization of Moment of Dobot"** under the guidance of Prof. Dr. R.M. Chen.

Mr. Anirudh kopparapu (EEE) worked on the project titled **"Field Programmable Gate Array Based on Linear Shaft Motor Drive System In Terms of Trapezoidal Velocity Profile Consideration"** under the guidance of Prof. Dr. Chiu-Keng Lai.

Mr. Narasimha Rao Chepuri (EEE) worked on the project titled **"Solar Monitoring System"** under the guidance of Prof. Dr. Meng Hui Wang.

## National Sun Yat-sen University, Taiwan

Ms. Jyosnavi Akiri (ECE) did her final semester project work under student exchange programme at National Sun Yat-sen University (NSYSU), Taiwan under the guidance of Prof. Dr. Chua Chin Wang in the project titled **“Missing Person Tracking System”** with partial funding support provided by Vel Tech.



## Asia University, Taiwan

Mr. Bansharai Khardewsaw (CSE) did his final semester project work under student exchange programme at Asia University, Taiwan under the guidance of Prof. Yuan Ho in the project titled **“AIOT creates smart factory”** with partial funding support provided by Vel Tech.



## Polytech Orleans, France

Three students did their final semester project work under student exchange programme at Polytech Orleans, France with partial funding support from Vel Tech.

Mr. Omer Ahmed Khan (Auto) worked on the project titled **“Designing a Power train Test Bench for Electric Vehicles”** under the guidance of Prof. Dr. Alain Charlet.

Mr. Srichandan Yerragudi (Aero) worked on the project titled **“Developing a new prototype "Urban Concept" for Shell Eco Mar-athon (aerodynamics of the vehicle)”** under the guidance of Prof. Dr. Pierre Brequigny.

Mr. Yogesh Kumar (Aero) worked on the project titled **“Numerical study of the interaction of space debris during atmospheric re-entry”** under the guidance of Prof. Ivan Fedioun. Mr. Yogesh was awarded with scholarship of 1500 Euros for the entire duration financed by the Région Centre-Val de Loire.



## Polytech Tours, France



Two students did their final semester project work under student exchange programme at Polytech Tours, France with partial funding support from Vel Tech. Mr. Sahadasan Khute (Aero) & Mr. Harish Reyya (Mech) worked on the project titled **“Thermal Cycle Simulation on Millingu Surface Tool under Minimum Quantity Lubrication (MQL)”**

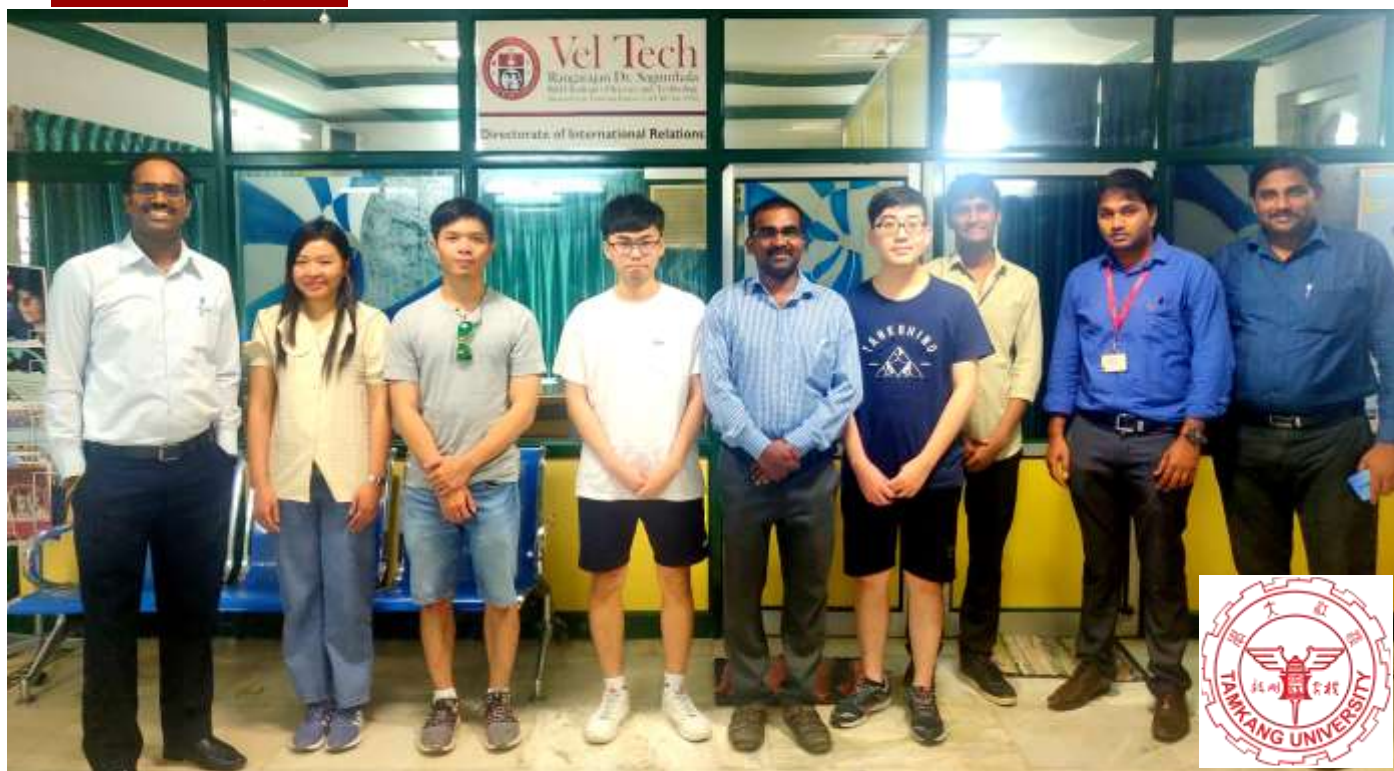
under the guidance of Prof. M. Arnaud Duchosa.

## HIGHLIGHTS

In last 3 years, 20 Vel Tech students were awarded Ministry of Education (MoE), Taiwan Scholarships for Higher Studies (100% Tuition fee waiver & Monthly stipend of NTD 20,000 / ~ INR 45,000)

## Student Mobility Incoming

5 Students from Tamkang University, Taiwan have completed their short term mobility experience at Vel Tech during 29th Jan., to 11th Feb., 2020.



Under the supervision of Prof. Lung-Jieh Yang from the Mechanical and Electromechanical Engineering, Tamkang University, Taiwan, 5 students namely Ms. Reshmi Waikhom (Doctoral program), Mr. Saravana Kompala (**Master's program**), Mr. Kai-Jie Mo (Under graduate), Mr. Yu-Chang Chiu (Under graduate), Mr. I-Hung Liu (Under graduate) have successfully completed the short term mobility experience at Vel Tech during 29th Jan., to 11th Feb., 2020. The students had visited, "**Centre for Autonomonous System Research Lab**" and learnt about the projects & research work carried out by their team and discussed with Dr. E. Balasubramanian. The students also visited other labs in the university and learned their working operation. All 5 students had interacted with the Vel Tech students and explained the benefits of studying and opportunities in Taiwan.

## Visit to Taipei Economic and Cultural Centre (TECC) in Chennai



Dr. S. Sivaperumal, Director of International Relations met Mr. Ben Wang, Director-General of Taipei Economic and Cultural Centre (TECC) in Chennai on 11th Feb., 2020. Mr. Wang has taken charge as Director General of TECC Chennai recently after Mr. Charles Li completed his tenure. During the formal meet, both had discussed about the fruitful and longstanding relationships between Vel Tech and universities in Taiwan and had further discussion in the areas of mutual interest. Dr. S. Sivaperumal also extended a cordial invitation for Director-General to visit Vel Tech.

## Visit to Taiwan Universities

Director for International Relations visit to Universities in Taiwan during Dec. 2019.



Dr. S. Sivaperumal, Director for International Relations at Vel Tech invited to deliver a keynote talk in “2019 International Symposium on Novel Sustainable Technology” at Southern Taiwan University of Science and Technology (STUST), Taiwan during Dec., 12 - 13, 2019.

Dr. S. Sivaperumal, Director for International Relations at Vel Tech visited universities in Taiwan during 12 - 17 Dec., 2019 and gave a keynote talk in a conference held at STUST, Taiwan. As part of the Taiwan visit, he visited Southern Taiwan University of Science and Technology, National Cheng Kung University & Tamkang University and met the faculties, higher officials towards exploring the possible academic & research cooperation and strengthening the existing relationships.



With Prof. Chin-Hsiang Cheng,  
Professor - Dept. of Aeronautics and Astronautics,  
National Cheng Kung University, Taiwan



With Dr. Jing-Jou Tang, Professor, Dept. of Electrical Engineering, Research Center for Vehicle Electronic, Taiwan Vehicle Electronic Consortium, Southern Taiwan University of Science and Technology, Taiwan



With Dr. Kaocheng Wang, Vice President for International Affairs, Dean of College of International Affairs, Professor - Graduate Institute of International Affairs & Strategic Studies, Tamkang University, Taiwan.



With **Dr. Tzung-Hang Lee**, Professor & Dean of the College of Engineering, Tamkang University, Taiwan



With **Dr. Shung-Wen Kang**, Professor & **Dr. Lung-Jieh Yang**, Professor of Department of Mechanical and Electro-Mechanical Engineering, Tamkang University, Taiwan

## DAAD Chennai Meetings

DAAD Information Center Chennai invited the partner Institutes for the meeting on 11th December 2019. Officials at DAAD explained the higher studies and research opportunities with funding in Germany. Mr. T. Rameshkumar & Mr. G. A. Tamilazhagan from Directorate of International Relations at Vel Tech participated in the event and shared the relationship of Vel Tech with German Universities and Research Centers.

Dr. S. Sivaperumal, Director for International Relations at **Vel Tech** invited to participate in the conference, “**DIES Dialogue - Internationalisation: Strategies, Implementation and Structures Chances and Challenges for Indian Universities**” organised by **DAAD Chennai** during **Oct., 10 - 11, 2019** at IIT Madras presided by Dr. Katja Lasch, Director, DAAD Regional Office New Delhi. Delegates from other universities in India also participated in the event.



## International Promotion and Awareness Activities

### Information Session on Scholarships for Higher Studies and Research Opportunities in France



Directorate of International Relations, Vel Tech and Embassy of France in India jointly organized the **“Information Session on Scholarships for Higher Studies and Research Opportunities in France”** on 30th Jan., 2020 about the scholarship opportunities for various programmes at France. The session was organized with an objective to explain the scholarship opportunities for Internships, Master’s Programme and Students Mobility at French Universities and Organizations. A detailed presentation was also given by the Ms. Rhea Cheryl SHIVAN, Manager - Campus France, Chennai on type of scholarships for higher studies and other programmes, eligibility & guidelines for the scholarship opportunities. Ms. Rhea also explained about the job opportunities at French companies in India after the higher studies and clarified the students doubts through Q&A session. Mr. Eric Perrotel, Attache for Cooperation in French Language, French Embassy in India graced the event and interacted with the students. The French



Language Tutor of our university Mr. Jean-Baptiste Laloi also accompanied with the delegates to the session. The Info session was attended by more than 80 students.

### Information Session on Master’s Progression



Directorate of International Relations, Vel Tech organized the Information session **on Progression to Master’s Programme** at US universities on 14th Feb., 2020. The session was organized to explain in detail to the students about the process of **completing the Master’s Programme** with less tuition fees and shorter duration at our Partner Universities in USA. Dr.S.Sivaperumal, Director for International Relations explained briefly **how the Progression to Master’s works** and exclusive benefits to Vel Tech

students. The session also covered the details on eligibility criteria & admission requirements for the Master’s Programmes offered by our partner universities. The session includes individual interactions towards clarification of the students’ doubts. The session was attended by more than 100 students.

## 2020 Chinese Rat New Year Celebration at TEC - SRM



On Feb 22, 2020, the Taiwan Education Center of SRM University organized a cultural event to celebrate the “2020 Chinese Rat New Year Celebration” with cultural activities and competitions which was attended by Vel Tech, SRM and IIT Madras, where a total of 40 students participated in the event. Mandarin Teacher of Vel Tech - Ms. Ling-Ling Wu along

with 12 students had participated in the Celebrations. Students are divided into groups and indulged in various activities such as Making Momo's, Vocabulary Competition and other activities. Students expressed their happiness and interest to participate in the future activities organized by the Taiwan Education Center for better understanding of Taiwan culture. Vel Tech students exchanged their greetings to other students from SRM and IIT-Madras during the competition.

## MITACS Internship - Final Interview (Skype) Guidance Session



Directorate of International Relations, Vel Tech organized a guidance session to 30 students who got shortlisted for the Skype Interview in MITACS - Globalink Research Internship at International Relations Office on 27th Jan., 2020. Prof. M. Shridhar, Professor, University of Michigan-Dearborn, USA and Prof. Naveen Chilamkurti, Associate Professor, La Trobe University, Australia had given a

brief guidance on how to approach & interact with the professor and to make a good impression. Both the professor's stressed the students to be confident in their talks while speaking to the Canadian Professors. Prof. Shridhar also explained about the climate & living conditions in Canada and asked the students to prepared for the Canadian lifestyle. Students clarified their doubts with both the professors and had a individual interaction with the professors later.

## Participation in Study in India Partner Institute Workshop

Dr. S Sivaperumal, Director of International Relations, Vel Tech had participated in “Study in India” Partner Institute Workshop on 10th February, 2020 at New Delhi and discussed about admission process for the academic cycle of 2020 - 2021. Vel Tech is an authorised partner institute of “Study in India” - an initiative by the Ministry of Human Resource Development (MHRD), Government of India.

### About - Study in India (SII)

Study in India, a unique initiative of the Government of India will help facilitate the student fraternity from all across the globe to come and experience the best of academic learning from the top institutions in India which would help accommodate the growing quality educational needs of students across the world. Launched in April, 2018 the initiative is helmed by EdCIL (Educational Consultants of India), under the Ministry of Human Resource Development (MHRD), Government of India. The Study in India, initiative aims to make India a preferred education hub for students all across the globe, by elevating its position in the global educational landscape.

Vel Tech is proud to be part of



### HIGHLIGHTS

For the past 3 years, 24 students admitted to Vel Tech for various programs under “Study in India”.



## Short Courses by International Visiting Faculty

Prof. Daniel Chandran, Program Lead - Stanford University Innovation Fellows, School of Professional Practice and Leadership, Faculty of Engineering and Information Technology, University of Technology Sydney, Australia was invited to Vel Tech to deliver a Faculty Development Programme on "Teaching and Learning Studio: Design Thinking" during 14th & 15th Oct., 2019 to 29 faculties of School of Electrical and Communication & School of Mechanical and Construction. Prof. Daniel Chandran also delivered a short course on "Design Innovation" during 16th - 18th Oct., 2019 to students of School of Mechanical and Construction & Electronics and Communication Engineering Students. 33 students got benefitted through this Hands-on experimental course.



*Students & Staff's were awesome and interacted throughout the program. They were attentive, quick in decision making at every stage. Students & staff's were fully immersed in the short course & workshop respectively and demonstrated the innovative products they developed. Arrangements are excellent. International team & the departments coordinated the program extremely well. Well done. I would like to visit Vel Tech again.*

**- Prof. Daniel Chandran**



Prof. Rishi Gupta, Associate Professor - Department of Civil Engineering, Director of Undergraduate Program, University of Victoria, Canada was invited to Vel Tech to deliver a short course on "Advanced Construction Technologies with Low Carbon Footprint" during 16th - 18th Oct., 2019 to Civil Engineering students. 44 students got benefitted through this course.

*The course was kindly organized and I know this requires a lot of coordination. I noticed that many of them were involved in extra curricular activity and had very good background knowledge for the course. It is always a pleasure to visit Vel Tech again. Like always, Vel Tech does a great job at coordinating travel, accommodation, food etc., Well done!*

**- Prof. Rishi Gupta**

Prof. Biju Bajracharya, Assistant Professor - Computer Technology, Dept. of Info Systems & Operations Management, Ball State University, USA was invited to Vel Tech during 26th Dec., 2019 - 03rd Jan., 2020 to deliver two short courses to Computer Science and Engineering students on "Essential Tools and Techniques of Hacking" were attended by 17 students & 27 faculty members and short course on "Security Essentials for Cyber Attacker" were attended by 14 students & 27 faculty members.

*The course was conducted successfully. I feel so privileged to offer a course to the students and faculty members at Vel Tech. I was so impressed by the student engagement and curiosity of learning the practical aspects of this course on cyber security.*



*The environment of the class was very positive & engaging from the start, and I am very much impressed by all the arrangements, coordination done by the Vel Tech to successfully deliver the course content. I look forward to offering the new courses in the future.*

**- Prof. Biju**

## HIGHLIGHTS

In the last 3 years, 73 students completed their final semester project at Universities in Taiwan with monthly funding support under Taiwan Experience Education Program (TEEP).

Prof. Jey Chelladurai, Assistant Professor - Computer Science Department, East Stroudsburg University, USA was invited to Vel Tech to deliver three short courses to Computer Science and Engineering students during 26th - 31st Dec., 2019 on "Mobile Game Development" were attended by 36 students and 15 faculty members, during 02nd - 06th Jan., 2020 on "Introduction to Data Science" were attended by 52 students and during 07th - 10th Jan., 2020 on "Introduction to Visual Effects" were attended by 44 students.

*Student participation is excellent. Class coordinator & International team were good in making necessary arrangements and coordination. I will visit again due to the quality of students & excellent arrangement made by International Office.*

**- Prof. Jey**



Prof. Keshav Dahal, Chair in Intelligent Systems and Research Lead of AVCN Research Centre, School of Engineering and Computing, University of the West of Scotland, United Kingdom was invited to Vel Tech during 30th Dec., 2019 - 03rd Jan., 2020 to deliver two short courses to Computer Science and Engineering students on "Applied Artificial Intelligence and Intelligence Systems" were attended by 20 students and 16 faculty members and short course on "Financial Technology" were attended by 15 students and 16 faculty members.

*The courses were conducted in a well-equipped lecture room with audio & video facilities. The students and faculties fully participated in the learning activities and were interactive and alert despite of the long*

*teaching hours. The level of students were appropriate to the course offered.*

*It is an excellent idea to give exposure of international professors to students. This provides an opportunity for students and faculty to see different practice and state-of-art in specialized field. This is my third visit to Vel Tech. Overall I had a very good experience of visiting Vel Tech. I had a good opportunity to interacting good students from different parts of India during the delivering the course. The international office has been in contact all the times to support my visit & coordinated the activities well without any problems.*

**- Prof. Keshav Dahal**

Prof. Raju Aedla, Research Scientist (Remote Sensing), Global Center for Natural Resources Sciences, Kumamoto University, Japan was invited to Vel Tech during 02nd - 03rd Jan., 2020 to deliver a short course on "Remote Sensing and Digital Image Processing Techniques" to Electronics and Communication Engineering students. 40 students got benefitted through this course.

*The student participation was good and shown very much interested to learn the course. The interaction of the students with innovative ideas was excited. The students were well disciplined and the understanding levels were excellent. The support from the faculty members were greatly appreciated during the course.*

*I really enjoyed my stay in Vel Tech. The arrangements and continuous assistance from International Relations Office were excellent and my visit to Vel Tech was fruitful by meeting eminent faculty members in various departments for research collaborations.*

**- Prof. Raju Aedla**



## HIGHLIGHTS

44 specialized short courses were offered by 26 International Visiting Professors from 11 countries during AY 2019-20. 1708 Students and 156 Faculties were benefited through International Visiting Faculty Courses.



Prof. Haklin Alex Kim, Professor - Computer Science Department, East Stroudsburg University, USA was invited to Vel Tech during 02nd - 10th Jan., 2020 to deliver a Elective Course on "Multiprocessor Programming" to Computer Science and Engineering students. 29 students got benefitted through this course.

*It was pleasant for me teaching a good number of students, who are disciplined well. Everything was well cared and felt always that I am in good hands.*

*All the staff members in International office were very helpful and organized in taking care of me. I would love to visit again because Vel Tech personals and students were very kindly open to the visitors that I had known during my stay.*

**- Prof. Haklin Kim**



Prof. M. Shridhar, Professor - Electrical and Computer Engineering, Associate Provost - Academic Affairs, University of Michigan-Dearborn, USA was invited to Vel Tech during 20th Jan. - 20th Apr., 2020 to deliver a Elective Course on "Pattern Recognition" to Computer Science and Engineering students. 46 students got benefitted through this course.

*Students understood the basic concepts of the "Pattern Recognition". My overall experience has been very positive due to the help I received from the International Office, HoD & faculty members of CSE. If I have to pick one important attribute of Vel Tech, it is the helpful nature of all faculty, staff and administrators including students. This will be the pleasant memory that I will retain for a long time.*

**- Prof. M. Shridhar**

Prof. Feng Tyan, Professor - Dept. of Aerospace Engineering, Tamkang University, Taiwan was invited to Vel Tech during 20th Jan. - 14th Feb., 2020 for teaching a Program Core Course on "Airplane Stability Control" to Aeronautical Engineering students. 60 students got benefitted through this course.

*The environment in Vel Tech is friendly and the students are nice & polite. All of the assistance and coordination offered by colleagues of the aero department and hospitality from International Relations office is great and warm. I really appreciate their support and help.*

*It was a wonderful experience at Vel Tech again.*

**- Prof. Feng**



Prof. Naveen Chilamkurti, Associate Professor - Dept. of Computer Science & Information Technology, School of Engineering and Mathematical Sciences, La Trobe University, Australia was invited to Vel Tech to deliver two short courses to Computer Science and Engineering students during 20th - 22nd Jan., 2020 on "Block Chain and Smart Contract" were attended by 59 students and a Elective Course during 23rd - 28th Jan., 2020 on "IoT Networking Technologies" were attended by 70 students.

*The students are very interactive & well engaged and I always enjoy teaching for engaged students.*

*The Arrangement is really good, especially the new lab is working well*

*and staff's are very co-operative in organizing lab & lectures. I am happy with the quality of students were engaged and were actively doing lab & asking questions in the lecture and lab.*

**- Prof. Naveen Chilamkurti**

Prof. Takashi Watanabe, Professor, Eco-Frontier Center Chief of Medicinal Resources and Prof. Raju Aedla, Research Scientist (Remote Sensing), Global Center for Natural Resources Sciences of Kumamoto University, Japan was invited to Vel Tech during 27th - 29th Jan., 2020 to deliver a short course on "Plant Biodiversity, Bioprospecting and the Sustainable Development Goals (SDG's)" to the students of Bio-Medical Engineering, Bio-Technology and Civil Engineering departments. 74 students got benefitted through this course.



*The course was well arranged and the students understanding levels are simply superb. The student's interaction with innovative ideas are good. The faculty coordination throughout the course was excellent. Really enjoyed the course and facilities at Vel Tech. The international office staff and arrangements were really impressed us to visit Vel Tech again.*

*- Prof. Takashi Watanabe*



Prof. Shuvra Das, Professor - Mechanical Engineering, Director - International Programs in E&S, University of Detroit Mercy, USA was invited to Vel Tech during 27th - 31st Jan., 2020 to deliver two short courses on "Modeling and Simulation of Mechatronic Systems" to Mechanical Engineering students & were attended by 45 students and a short course on "Modeling and Simulation of Electric and Hybrid Electric Vehicles" to Automobile Engineering students. 50 students got benefitted through this course.

*I had a very good experience teaching here two courses. Interacting with the students was the best part. Many students were very engaged with the hands-on modeling work that we were doing. Also I would especially like to thank the professors & international office*

*staff for all the help & support I received. I am working forward to coming back again.*

*- Prof. Shuvra Das*

Prof. Jordi Petit Silvestre, Associate Professor - Department of Computer Science, Universitat Politècnica de Catalunya, Spain was invited to Vel Tech during 27th - 31st Jan., 2020 to deliver a short course on "Introduction to Competitive Programming with C++" to 2 Batches of students in Computer Science Engineering. 56 students got benefitted through this course from both the batches.

*The resources for the course were nice. I found that students had a more background and were more proficient in their work. Once again, I had a very pleasant at Vel Tech, and all the staff helped in every aspect. I would like to visit again as this gives me the opportunity to share my knowledge outside my comfort zone, this is something that helps me to improve a lot.*

*- Prof. Jordi Petit*



Prof. Goran Dambic, Head of the Software Engineering Dept., System Architect, Lead Software Engineer, Algebra University College, Croatia was invited to Vel Tech during 03rd - 07th Feb., 2020 to deliver a Elective Course on "New Game Development Paradigm with Unity" to Computer Science and Engineering students. 66 students got benefitted through this course.

*I had enjoyed the teaching because the students were great. Many students were interested & wanted to create computer games themselves. Coordination between international office and other parties was excellent. My experience at Vel Tech was great. I would like to visit again.*

*- Prof. Goran Dambic*

Prof. Dhananjay Singh, Associate Professor - Department of Electronics Engineering, Hankuk University of Foreign Studies, South Korea was invited to Vel Tech to deliver two short courses to Electronics and Communication Engineering students during 05th - 08th Feb., 2020 on "Machine to Machine Communication for IoT" were attended by 43 students and during 10th - 13th Feb., 2020 on "IoT Technology for Autonomous Vehicles & Smart City Services" were attended by 37 students.



*I thoroughly enjoyed creative teaching in this short term course. I found students were very happy to discuss their idea and enthusiastic to develop new technologies. It was great to get support from the faculty members during the session. I am 100% satisfied with hospitality and cooperation of the Vel Tech staffs. The strongest thing was the student interest. Everything was really nice and well organized. My experience in Vel Tech was very enriching.* - **Prof. Dhananjay Singh**



Prof. Heesam Ghasemnejad, Senior Lecturer in Structures, Centre for Structures, Assembly and Intelligent Automation, Cranefield University, United Kingdom was invited to Vel Tech during 06th - 15th Feb., 2020 to deliver a Elective Course on "Advanced Light-weight & Composite Structures" to Aeronautical Engg students. 13 students & 2 faculties got benefitted through this course.

*The course was well organized with appropriate level of supports by the academic staff. The level of participation was sound & students had an outstanding performance during the course. Very promising, hopefully we expand our collaboration in near future.* - **Prof. Heesam**

Prof. Hee Yong Youn, Professor & Director - Mobile Computing Laboratory, School of Information and Communication Engineering, Ubiquitous Computing Technology Research Institute, Sungkyunkwan University was invited to Vel Tech to deliver two short courses to Electronics and Communication Engineering students during 10th - 14th Feb., 2020 on "Structure and Application of Smart IoT" were attended by 42 students and during 17th - 21th Feb., 2020 on "Hardware and Software Components for Building Smart IoT" were attended by 21 students.



*The students seem eager to learn and were very interactive showing deep interests in the course. Everything was in order. The coordination personnel were very helpful for organizing the lectures. I noticed that Vel Tech has quite lively and animated atmosphere. I would like to visit again since I would like to interact with such motivated students and offer lectures which will be beneficial to them. It will also enable me to conduct research with the faculty member in Vel Tech.* - **Prof. Hee Yong Youn**



Prof. Chua-Chin Wang, Chair & Distinguished Professor - Dept. of Electrical Engineering, VLSI Design Lab, National Sun Yat-sen University, Taiwan was invited to Vel Tech during 17th - 25th Feb., 2020 to deliver a Short Course on "Full Custom Design for CMOS Logic Circuit" to Electronics and Communication Engineering students. 11 students and 12 faculties got benefitted through this course.

*The students and professors are really good. Vel Tech is a nice place and I'd love to visit again if there is a break in my schedule.* - **Prof. Chua-Chin Wang**

## HIGHLIGHTS

MoU with 28 Universities from 14 countries in Europe and about more than 90 students went to Europe under Student Mobility.

Prof. Daniel Einarson, Senior Lecturer in Computer Science, Head of Division of Design and Computer Science, School of Health and Society, Kristianstad University, Sweden was invited to Vel Tech to deliver two short courses to Computer Science and Engineering students during 02nd - 06th Mar., 2020 on "The Episteme, Techne, and Phronesis of Software Engineering" were attended by 31 students and during 09th - 13th Mar., 2020 on "Computer Science for Sustainable Development". 43 students got benefitted through this course.

*The course was well organized with appropriate level of supports by the academic staff. The level of participation was sound & students had an outstanding performance during the course. Very promising, hopefully we expand our collaboration in near future.*

- **Prof. Daniel Einarson**



Dr. Chao-Kang Feng, Emeritus Professor, Department of Aerospace Engineering, Tamkang University, Taiwan delivered a **Faculty Development Programme on "The Marvel and Beauty of Mathematics with Applications to Engineering Problems"** to faculties of Mathematics Department on 29th Feb., 2020. Also, Dr. Feng along with Prof. Lung-Jieh Yang, Dept. of Mechanical and Electromechanical Engineering, Tamkang University, Taiwan had a brief discussion with Director for International Relations towards the ongoing relationships & collaborations and also about the fruitful and longstanding partnerships between Tamkang University and Vel Tech.

## Faculty Mobility - Outgoing



Dr. S. Balaguru, Professor, Dept. of Mechanical Engineering at Vel Tech had been selected Under Mevlana Staff Exchange **Programme by Kocaeli University, Turkey** and delivered the course on **"Theory of Vibrations in Industrial Applications"** to the students of Mechanical Engineering during Nov., 5 - 16, 2019. The mobility program is funded by Turkish Council for Higher Education and also by Vel Tech. Dr. S. Balaguru also had a discussion with the faculties of the Kocaeli University regarding the possible research collaborations in the areas of mutual interest.

October 2019 to March 2020

## International Professor Interaction with Faculty Members

Prof. Raju Aedla, Research Scientist (Remote Sensing), Global Center for Natural Resources Sciences, Kumamoto University, Japan had an interaction with HoD & Faculties of Bio-Medical Engineering Department on Jan 03., 2020 for possible research collaborations.



Prof. Chua-Chin Wang, Chair & Distinguished Professor - Dept. of Electrical Engineering, VLSI Design Lab, National Sun Yat-sen University, Taiwan had an interaction with HoD and Faculties of Department of Electronics & Communication Engineering on Mar., 2020 regarding VLSI module design and also for possible research collaborations.



## Memorandum of Understandings (MoU's) Signed



### National Dong Hwa University, Taiwan [October' 19]

National Dong Hwa University (NDHU), founded in 1994 is a public research university located in Hualien County, Taiwan. NDHU offers the 3rd widest range of disciplines among universities in Taiwan. The University consists of 8 colleges, 38 departments, 56 graduate institutes, and research centers. Currently, NDHU has developed academic links with over 40 universities and research institutes domestically and internationally.

MoU is signed for the unlimited period to Explore possibilities of faculty and staff exchanges for research, lectures and discussions that benefit both institutions, explore the feasibility of student exchanges and study programs, seek support for projects determined to be mutually beneficial to both institutions, Joint activities and arrangements for specific visits & exchanges, Exchange of information and materials that are of mutual interest and Joint publications or research between faculty and staff. NDHU is ranked at THE World: # 801-1000, THE Asia: #195, QS Asia: #261-270.

### Westfälische Hochschule, Germany [October' 19]

Westfälische Hochschule is a university of applied sciences in North Rhine-Westphalia, Germany, founded on 1992. The university has eight departments, 25 bachelor courses and 21 master courses. It consists of 4 campuses with students from about 40 countries and co-operations with more than 60 universities worldwide.



Student Exchange Agreement is made an attachment to MoU which is signed for the period of 5 years and considered automatically renewed for exchange of students in programmes of Mechanical Engineering at each institution.



### University of Wisconsin-La Crosse, USA [October' 19]

University of Wisconsin-La Crosse is a public university in La Crosse, Wisconsin. Founded in 1909, it is a part of the University of Wisconsin System. UW-La Crosse is organized into five schools and colleges offering 100 undergraduate programs, 22 graduate programs, and 2 doctoral programs.

MoU is signed for 5 years for Scholarly Interactions, Cultural Exchanges and other forms of academic collaborations. Cooperation's in Undergraduate and/or graduate level study programs, Short-term programs, Cooperation in training and/or research projects for specified areas of development and other specific areas of cooperation shall be considered further by both the parties.

### National University of Kaohsiung, Taiwan [November' 19]

National University of Kaohsiung (NUK), founded in 2000 is a public university located in Kaohsiung, Taiwan. NUK has five colleges and twenty one departments. NUK is the only national university instituted in the millennium in Taiwan and also Taiwan's first green university.



MoU is signed for a initial period of 5 years and automatically extended each year for Exchange of students, Exchange of faculty members and staff, Exchange of scientific materials, publications and information, Joint research and research meetings and Relevant cooperation in industrial incubation.



### Western Illinois University, USA [December' 19]

Western Illinois University (WIU) is a public university located in Illinois, United States. It was founded in 1899. Western Illinois University is composed of four academic colleges: Arts & Sciences, Business & Technology, Education & Human Services, and Fine Arts & Communication.

MoU is signed for 3 years for Specific joint activities, Arrangements of visits, exchanges, and other forms of co-operation will be developed mutually for each specific case through an Implementing Agreement. Initiation of exchange by respective departments of Western Illinois University and Vel Tech.

### National Chin-Yi University of Technology, Taiwan [January' 20]

National Chin-Yi University of Technology (NCUT), founded in 1971 is a public university located in Taichung, Taiwan. At present, NCUT have 5 colleges including College of Engineering, College of Electrical Engineering and Information Science, College of Management, College of Humanities and Creativity, and College of General Education; 14 Academic Departments; 12 Master's Programs, and a Ph.D. Program, with a student population of about 11,547.



MoU is signed for the period of 5 years for Mutual exchange and visit of faculty members for academic activities, Mutual Exchange of graduate and undergraduate students for study and research, Joint degree programs for students at graduate and undergraduate levels, Collaborative research activities, Joint academia-industry cooperation programs.

### University of Malaya , Malaysia [January' 20]



University of Malaya (UM), founded in 1905 is the Malaysia's oldest and public research university, is situated in the southwest of Kuala Lumpur, Malaysia. It is one of the top 100 universities in the world. The university is divided into 12 faculties, 2 academies and 3 Centers. UM has more than 2500 faculty members and

about 22,000 students as of 2020.

MoU is signed for a period of 5 years for Development of collaborative research; Organization of seminars, workshops and other meetings on specific topics; Exchange of students; Exchange of research scholars and faculty members and any other mutual areas of cooperation. UM is ranked at QS World: #70, QS Asia: #13.

## HIGHLIGHTS

In the last 4 Academic Years, 235 students from Vel Tech went to 37 Universities / Research Organisations in 7 Countries under Mobility / Exchange / Internship with funding support from Vel Tech & Host universities.

8 International Visiting Professors offered specialized short courses during Dec. 2019 - Mar. 2020 agreed to take 22 students for their project and research works.

## International Delegates Visit to Vel Tech

15 International Delegates were visited Vel Tech during Oct. 2019 to Mar. 2020 for various activities including delivering a guest lecture, possibilities of collaboration, research discussions and potential scope of cooperation in mutual disciplines / areas.

### Delegation from Institute for Bioplastics and Biocomposites (IfBB), Germany

Ms. Anna Dörgens, Research Associate, Mr. Nico Becker, Research Associate, Mr. Venkateshwaran Venkatachalam, Research Associate, Life Cycle Assessment from IfBB - Institute for Bioplastics and Biocomposites at Hanover University of Applied Sciences, Germany visited Vel Tech on 17th Oct. 2019 for offering workshop & possible collaborations in the field of mutual interest especially in student related exchange programmes.



### Delegation from Southern Taiwan University of Science and Technology, Taiwan

Dr. Jing-Jou Tang, Professor and Dr. B.V.P. Prasad, Postdoctoral Researcher from Department of Electrical Engineering, Research Center for Vehicle Electronic, Taiwan Vehicle Electronic Consortium, Southern Taiwan University of Science and Technology, Taiwan visited Vel Tech on 21st Oct., 2019 to give a presentation in the field of "Vehicle Electronics" to faculty members of Electronics & Communication Engineering and had further discussions for collaborations in mutual areas.



### Delegation from Universite de Tours, France



Prof. Marc Desmet, Vice President of International Affairs, Universite de Tours, France Visited Vel Tech on 30th Oct. 2019 for further discussion on strengthening the ties in areas of mutual interest and especially in student exchange programmes.

### Delegation from Western Illinois University, USA



Prof. Kishore T. Kapale, Interim Chair, Professor and Graduate Coordinator, Department of Physics, Western Illinois University, USA visited Vel Tech during 29th Nov, 2019 to discuss the ways to be implemented upon collaboration and to explore the possibilities of Progression to Master's for Vel Tech students at WIU.

### Delegation from Governors State University, USA

Mr. Krishna Prasanth, India Country Manager, Office of International Services, Governors State University, USA visited Vel Tech on 10th Jan. 2020 to discuss the possibilities of collaborations and further discussion on strengthening the ties in areas of mutual interest. Mr. Aditya Tallapally, President - Gurukul Overseas, USA also present during the discussion.



#### Delegation from La Trobe University, Australia

Mr. Amit Malhotra, Regional Director - South Asia & Africa, La Trobe University, Australia was invited to Vel Tech during 27th Jan., 2020 for discussions to explore potential collaborations in staff, student exchanges and specific programs in mutual areas.



#### Delegation from Algebra University College, Croatia



Mr. Goran Balen, Accountant, Algebra University College, Croatia visited Vel Tech on 05th Feb., 2020 to deliver a Guest Lecture on "Servant Leadership - Leading by Serving" to MBA students. Students also had interaction towards clarification in their doubts.

#### Delegation from INP Toulouse, France

Prof. Pascal Maussion, Professor and Vice-President for International Affairs, INP Toulouse, France visited Vel Tech on 14th Feb. 2020 to discuss the possibilities of collaborations and further discussion on strengthening the ties in areas of mutual interest.



#### Delegation from Polytech Orleans, France

Prof. Christine Mounaim-Rousselle, Professor, Engineering School, PRISME Laboratory (Energy, combustion, engine team), Prof. Camille Hespel, Researcher, PRISME Laboratory and Prof. Ivan Fedioun, Director, Corporate Relations of Polytech Orleans, France visited Vel Tech for a conference and also visited Directorate of International Relations on 25th Feb., 2020 regarding the Exchange of Incoming Students from Polytech Orleans for Project & Course works and discussed towards strengthening the areas of current collaboration.

#### Delegation from Ontario Tech University, Canada

Prof. Sheldon Williamson, Professor, NSERC Canada Research Chair, Faculty of Engineering and Applied Sciences visited Vel Tech for a conference and also visited Directorate of International Relations on 25th Feb., 2020 to discuss the potential possibilities of collaboration in mutual areas. Prof. Sheldon also met a 3rd year Civil Engineering student who got selected for MITACS Globalink Research Internship at Ontario Tech, Canada and assured him of further support during the Internship.

### Achievements - Highlights

- \* 56 Students has grabbed the opportunity of pursuing Masters in the renowned universities with Tuition Fees Waiver and Monthly Stipend through Semester Abroad Programme went during 2017-2018 & 2018-2019.
- \* 45 International Visiting Faculty Courses by Professors from 12 countries were offered during AY 2018-19. 1609 Students were benefited through International Visiting Faculty Courses.
- \* 83 students from Partner Universities from France, Malaysia and Taiwan had completed their Course Work / Project Work at Vel Tech.

### Directorate of International Relations at Vel Tech Congratulates



12 Students of 3<sup>rd</sup> Year has been selected for 2020 MITACS Globalink Research Internship

About MITACS: MITACS, founded in 1999 is a nonprofit national research organization that, in partnerships with Canadian academia, private industry and government, operates research and training programs in fields related to industrial and social innovation. The Globalink Research Internship is a highly competitive initiative that attracts talented researchers to Canada. Each year, interns from select Mitacs partner countries come to Canada for 12 weeks to undertake research projects at Canadian universities. The objective of the Globalink Research Internship is to build a bridge between Canada and emerging international research talent. Globalink Research Internship alumni interested in returning to Canada for graduate studies are eligible for the Globalink Graduate Fellowship.



1. Mr. Vishnusai Bhadramraju (CSE) | Host University: University of Manitoba - Winnipeg, Canada  
Project Title: Mining useful information from social networks (2020) | Supervisor: Prof. Carson Leung
2. Ms. Vidya Sri Matta (CSE) | Host University: Ryerson University - Toronto, Canada  
Project Title: Mobile Application Security | Supervisor: Prof. Manar Alalfi
3. Mr. Rishab Mahato (EEE) | Host University: University of Calgary - Calgary, Canada  
Project Title: Control of a life size humanoid robot via joysticks | Supervisor: Prof. Alejandro Ramirez-Serrano
4. Mr. Ajit Sharma (CSE) | Host University: University of Ontario Institute of Technology - Oshawa, Canada  
Project Title: Artificial Intelligence for Companion Robots | Supervisor: Prof. Miguel Vargas Martin
5. Mr. Gaddipati Lohit Chowdary (CSE) | Host University: University de Moncton - Moncton, Canada  
Project Title: Smart Crowd Sensing | Supervisor: Prof. Jalal Almhana

## Achievements - Highlights

6. Ms. Roosa Mozoomdar (CSE) | Host University: Universite Laval - Quebec, Canada  
Project Title: **Designing music learning games for a “Living Lab”** | Supervisor: Prof. Francis Dubé
7. Mr. Shivam Dwivedi (CSE) | Host University: University of New Brunswick - Fredericton, Canada  
Project Title: Automated Intelligence-driven malware detection system | Supervisor: Prof. Arash Habibi Lashkari
8. Mr. Yuvraj Tilotia (CSE) | Host University: Athabasca University - Edmonton, Canada  
Project Title: Creating an online social game for learning | Supervisor: Prof. Fuhua Lin
9. Mr. Kunal Prasad (CSE) | Host University: Simon Fraser University - Surrey, Canada  
Project Title: Supporting Rich Interactions with Digital Content in Everyday Life | Supervisor: Dr. William Odom
10. Ms. Muskan Gupta (EEE) | Host University: Université de Sherbrooke - Sherbrooke, Canada  
Project Title: Molecular communications | Supervisor: Prof. Soumaya Cherkaoui
11. Mr. Rahul Kasaudhan (Civil) | Host University: University of Ottawa - Ottawa, Canada  
Project Title: Innovation in long-term performance of concrete structures | Supervisor: Prof. Martin Noel
12. Ms. Arshiya Pathan (ECE) | Host University: Université du Québec à Chicoutimi - Chicoutimi, Canada  
Project Title: Design of Human-Robot Interaction using activities classification in the feedback loop  
Supervisor: Prof. Martin Otis

These 12 students will be doing 12 weeks Research Internship with the professors from the mentioned Universities with following benefits from MITACS.

1. A matched project with a Canadian professor and university.
2. Round-trip airfare to Canada and Transportation from airport in Canada to accommodations.
3. Stipend for housing, food, incidentals, Stipend for Student Enrollment fees upto a max of \$300 and a Student Mentor on campus in Canada.
4. Successful Globalink Interns applying for Canadian Master's program at any eligible MITACS academic partners will receive \$15,000 in financial support and many benefits towards their studies.

Due to the COVID-19, the internship had been put on hold and might be completed from abroad or postponed to a later date.



Mr. Prakhar Katyayan of B.Tech - CSE, 3<sup>rd</sup> Year, has been selected in CERN Technical Student Programme as **“an Associate Member of the Personnel”** at CERN, the European Organization for Nuclear Research. It is one of the world's largest and most respected centres for scientific research. Mr. Prakhar will pursue as Research Intern under the supervision of Dr. Sotirios BOUTAS with an allowance of 3319 CHF / INR 2.60 Lakh per month at CERN. Due to COVID-19, the internship had been put on hold and CERN will confirm the internship start date accordingly.



About CERN: CERN, founded in 1954, the CERN laboratory sits astride the Franco-Swiss border near Geneva that operates the largest particle physics laboratory in the world. It was one of Europe's first joint ventures and now has 22 **member states**. CERN is the birthplace of **“World Wide Web”**, **“Higgs Boson” (God Particle)** & several important achievements in particle physics have been made at CERN.

October 2019 to March 2020

## Achievements - Highlights

Mr. Omer Ahmed Khan of B.Tech - Automobile Engineering, Final Year, has been awarded the prestigious CHARPAK EXCHANGE SCHOLARSHIP 2020 - SPRING SESSION by Campus France, a government agency that operates under the French Ministry of External Affairs. He is one among the 20 students from India to receive this scholarship to pursue his **Semester Abroad at French University with the stipend of 700 Euro's per month**, Student visa fee waiver & Assistance in finding an affordable student accommodation. **Currently he is working on the project titled "Designing a Power train Test Bench for Electric Vehicles" under the guidance of Prof. Dr. Alain Charlet at University of Orleans, France.**



## Invitation for International Visiting Faculty - Long Term

Vel Tech is recruiting International Faculty members on Fulltime Basis / Contractual Basis for a minimum period of 1 year.

Qualification: Fresh PhD Graduates, who would like to pursue their career in Academic and Research, are preferred.

Emoluments: The Salary is not a constraint for deserving candidate.

Accommodation: University provides clean, safe and comfortable furnished accommodations.

Other Entitlements:

- **For candidates joining the Institute, Reimbursement of return economy class** airfare via shortest route subject to the condition of serving the Institute for a minimum period of 1 year.
- **30 Days of Vacation Leave per Annum.**
- **Incentives for Funded Research Projects, Consultancy Works, Research Publications and Book Publications as per University norms.**
- **Encouragement for interaction with industry, other research & professional institutions.**
- **Financial Assistance for presenting research papers in reputed Conferences.**

About the University

To Apply: Submit the detailed Profile / CV to  
Dr. S. Sivaperumal | Director - International Relations  
Email: [dint@veltech.edu.in](mailto:dint@veltech.edu.in)

About Avadi: <https://en.wikipedia.org/wiki/Avadi>



Website



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

Directorate of International Relations

LET'S PLAN OUT YOUR **DREAM**  
TO MAKE IT A **REALITY**

**STUDY** IN  
**USA** 



Dear Students,

Vel Tech has Signed an agreement for the Progression to do Masters programme with the following Universities.  
Interested students may contact immediately.

**U** UNIVERSITY OF MICHIGAN-DEARBORN

University of Michigan-Dearborn  
(UMD), USA  
(Public / 1959 Supported by Ford)

**PROGRAMME:**

- MS in Computer and Information Science
- MS in Software Engineering
- MSE in Computer Engineering
- MSE in Electrical Engineering
- MSE in Energy Systems Engineering
- MSE in Mechanical Engineering

Total Credits: 30

Transferrable: Up to 6 Credits



UNIVERSITY OF  
**DETROIT  
MERCY**  
Build A Boundless Future

University of Detroit Mercy  
(UDM), USA  
(Private / 1877)

**PROGRAMME:**

- MCE - Civil Engineering
- MSSE - Software Engineering
- ME - Electrical & Computer Engineering
- MME - Mechanical Engineering

Total Credits: 30

Transferrable: Up to 6 Credits



UNIVERSITY OF WISCONSIN  
**LA CROSSE**

University of Wisconsin-La Crosse, USA  
(Public / 1909)

**PROGRAMME:**

- MSE -Software Engineering

Total Credits: 30

Transferrable: Up to 9 Credits

**Fee waiver / Scholarship for Vel Tech Students through Partnership**

**\$18834 (~INR.13.8 Lakhs)**

**\$ 19600 (~INR.13.9 Lakhs)**

**\$ 14200 (~INR.10.00 Lakhs)**

**Admission Requirement**

**TOEFL : 84 or IELTS : 6.5**

**TOEFL : 81 or IELTS : 6.5**

**TOEFL : 79 or IELTS : 6.0**

**Interested students may register through V-LEARN**

**For more details**

**Please contact Department / Directorate of International Relations**

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For any queries / clarifications, you may contact

Dr.S.Sivaperumal

Director - International Relations

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

Toll Free  
1800 3070 6949

***Issue 7***

***October 2019 to  
March 2020***

Website  
[www.veltech.edu.in](http://www.veltech.edu.in)

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*Due to COVID19 pandemic, all the International activities from March 2020 has been put on hold.  
The period of Next Issue of Bulletin will be changed accordingly.*

***Restricted Circulation Only***