



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 5

October 2018 to
March 2019

BULLETIN

DIRECTORATE OF INTERNATIONAL RELATIONS



All International Students of Vel Tech with Founder and Foundress President at Inaugural Edition of International Students Meet at Vel Tech

SNEEK PEEK

1. Students awarded Founder's Foreign Scholarship
2. Delegation to Taiwan & Singapore
3. Cultural Events & Participation
 - * International Russian Cultural Festival
 - * Chinese New Year Celebrations
 - * Cultural Exploration & Inter-University Chinese Language Competition
 - * International Student's Meet
4. International Promotion and Awareness Activities
 - * French Info Day
 - * Info Session on International Opportunities
5. Alumni Meets Abroad
6. Courses by International Visiting Faculty
7. Memorandum of Understandings (MoUs) signed
8. International Delegates visit to Vel Tech
9. Student Mobility [Outgoing & Incoming]

Dear all,

Greeting from Directorate of International Relations!!!

It gives us immense pleasure to connect you through this Bulletin, Issue 5. This Bulletin summarises the activities of the Directorate from October 2018 to March 2019.

This fifth 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 the events organized, "International Students Meet" was the huge successful event since it has gathered all International Students of Vel Tech under a roof, also first of its kind in Vel Tech.

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

Thank You

Vel Tech—Team International

SHORT TERM STUDENT MOBILITY (INCOMING)

Opportunities for Short Term Mobility (minimum of 15 days) / Long Term Students Mobility (1 or 2 Semesters) to the students from Universities Abroad for both course works and/or for Project / Research work.

The Institution regularly hosts students from Partnering Organisations 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 75 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 etc.,

VEL TECH INVITES INTERNATIONAL VISITING FACULTY MEMBERS TO OFFER SHORTER COURSE

The course objective is to expose the students and faculty to new topics / latest technologies in Engineering and also to identify areas of possible joint Research by interaction with Vel Tech researchers and we will feel more privileged if you could accept our invitation.

The course may be for the duration of 15 hours to 45 hours. Depending on the Course Title, awarding of credit may be decided. Minimum 30 hours of teaching expected. Preferably two 15 hours courses.

The course topic may fall under the broad streams of Engineering such as Mechanical Engineering (including Materials), Aeronautical Engineering, Automobile Engineering, Electrical Engineering, Electronics & Communication Engineering, Computer Science & Engineering and Civil Engineering. The exact topic may be mutually decided.

Students: From Undergraduate or Masters, based on the topic.

Evaluation: An examination to be conducted at the end and credits to be evaluated.

Course Material: To be made available to students in English.

Period: At least One week during January – March or July – October

Entitlements:

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

Team International

Dr. S. Sivaperumal, Director for International Relations

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

Mr. T. Rameshkumar, In-Charge – Visiting Faculty Programmes and Collaborations

Mr. V. Sethuram, In-Charge – Student Research Internships

Mr. C. Ashok Kumar, Executive

Students Awarded Founder's Foreign Scholarship



Ms. Shikha Kalesh, VTU 6383, 2014-2018 batch of Automobile Engineering Department receives Founder Foreign Scholarship for Higher Studies from Dean – School of Mechanical & Construction and Head of the Department – Automobile Engineering on 26th Mar., 2019. Ms. Shikha Kalesh have got admission for Masters in Automotive Production Engineering at Technical University Ingolstadt, Germany.

Founder's Foreign Scholarship for Student Mobility and Higher Studies Abroad (2018 – 2019)

Internships & Semester Abroad Programmes

1. K Mayan (Mech)
2. Sirigireddy Manjith Kumar Reddy (Auto)
3. Aman Kumar Arya (Auto)
4. Vikash Goyal (Auto)
5. Pagadala Pavansai (Mech)
6. Reggalla Eswar Reddy (ECE)
7. Amit Kumar Gope (Aero)
8. Akash Pandey (Mech)
9. Manshika Vicario D. Sangma (Civil)
10. Gaddipati Poojitha (ECE)
11. Kelper Singh Okram (EEE)
12. Mukesh Kumar Badigineni (ECE)
13. Mohammed Ashique (Civil)
14. Afaroj Ahamad (EEE)
15. Amit Singh (Mech)
16. Pyreddy Kalyan Ashok Kumar Reddy (ECE)
17. Mallu Nagendra Reddy (ECE)
18. Ganji Siva Manikanta (Mech)
19. Kadali Venkata Surya Sairam (Mech)
20. Sahukara Krishna Sai (CSE)

For Higher Studies

1. Manohar Kosaraju (Aero)
2. Anvesh Katta (Aero)
3. Gunti Sai Mounik (Civil)
4. Shikha Kalesh (Auto)

HIGHLIGHTS

**Working relations
with 509 Institutions
across
56 Countries**

VICE PRESIDENT AND DIRECTOR FOR INTERNATIONAL RELATIONS VISIT TO TAIWAN & SINGAPORE ON NOV 2018

Mr. K.V.D. Kishore Kumar, Vice-President and Dr. S. Sivaperumal, Director for International Relations visited Universities in Taiwan and Singapore towards exploring the possible academic & research cooperation and strengthening the existing. As part of the visit, the delegation visited 16 universities during 19th to 29th Nov., 2018.



At National University of Singapore, Singapore



At Southern Taiwan University of Science & Technology, Tainan, Taiwan



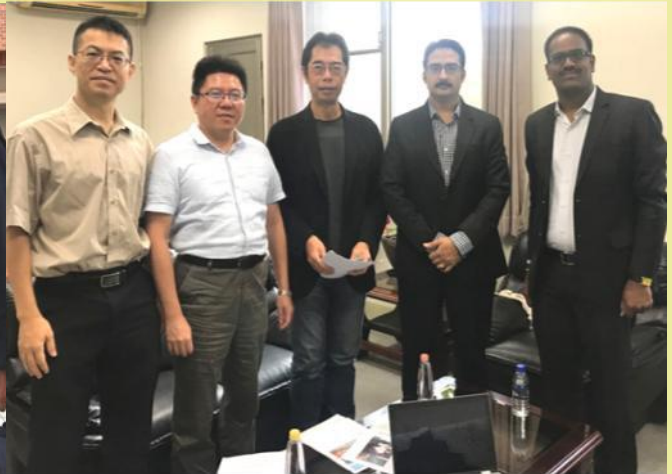
At National Kaohsiung Normal University, Kaohsiung, Taiwan



At National Sun Yat-Sen University, Kaohsiung, Taiwan

HIGHLIGHTS

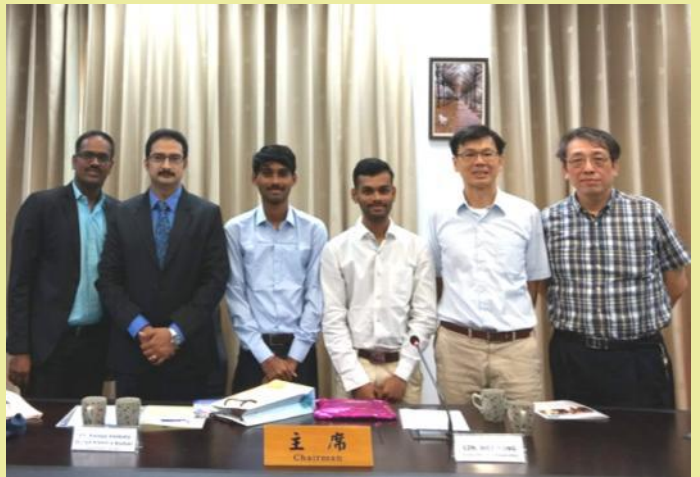
MoU with 27 Taiwan Universities and about more than 150 Students went to Taiwan Universities under Student Mobility and TEEP



At National Cheng-Kung University, Tainan,
Taiwan



At National Formosa University,
Huwei, Taiwan



At National Chung Cheng University,
Minhsiung, Taiwan



At National Chung Hsing University,
Taichung, Taiwan



At Feng Chia University, Taichung,
Taiwan



At National United University,
Miaoli, Taiwan



At National Taiwan University of Science &
Technology, Taiwan



At Tamkang University, Taipei, Taiwan



At National Chiao Tung University,
HsinChu, Taiwan



At National Yang Ming University,
Taipei, Taiwan

International Russian Cultural Festival



Directorate of International Relations, Vel Tech has organized the 2nd edition of “Russian Cultural Festival” on 28th Jan., 2019 with the support of “Russian Cultural Centre in Chennai” and “Indo Russian Chamber of Commerce and Industries”. A group of 14 Russian Artists from “Orchid” group led by choreographer Ms. Elena Plyukhina performed 28 Performances in 100 Minutes. More than 2500 students and faculty members attended this festival.

Chinese New year Celebrations

Vel Tech has long standing partnerships with Taiwan Universities and their Professors. Many successful stories of Vel Tech students started with Exchanges between Taiwan counterparts. Directorate of International Relations, Vel Tech has celebrated the 2019 Chinese New Year (Year of the Pig) as a goodwill gesture at International Relations office on 05th Feb., 2019. Prof. L. J. Yang with 4 Intern Students from Tamkang University - Taiwan, Prof. Yu-Wen Shou, Associate Professor — ECE, Vel Tech and Ms. Ling Ling Wu - Mandarin Tutor of Vel Tech had a surprise celebration and expressed that they felt like at their home country and thanked Directorate of International Relations for the warm surprise.



Cultural Exploration & Inter-University Chinese Language Competition



As part of the 2019 Chinese New Year Celebrations, Taiwan Education Centre in India has organized a “Cultural Exploration & Inter-University Chinese Language Competition” at SRM Institute of Science and Technology, Chennai. A group of 11 Vel Tech students accompanied by the Mandarin Trainer Ms. Ling-Ling Wu participated in the competition and won exciting prizes in various activities. Mr. Charles Li - Director General of TECC, Chennai graced the special event and encouraged all the students to learn Chinese Language to build a cultural foundation between India and Taiwan.



International Student's Meet



Directorate of International Relations at Vel Tech has organized an “International Students Meet” on 11th Feb., 2019. A first of its kind in Vel Tech. The meet was inaugurated by Founder President Dr.R.Rangarajan & Madam President Dr.Sakunthala Rangarajan and special address by Vice-President Mr. K.V.D Kishore Kumar. The meet was organized with an objective to break the cultural barriers and build a strong friendly relationship among all the International students. All 158 International Students from 8 countries had attended the meet. Students from Nepal, Ethiopia, Nigeria and Bangladesh had performed their traditional cultural dances and Our Founder President awarded all participants of cultural events with the cash prize and also had a good time with the International Students.





A total of 10 performances were performed by the International Students which also includes their Traditional Cultural Dances



International Promotion and Awareness Activities

French Info Day



Awareness Programme on “Opportunities at France” (French Info Day) was organized & conducted by Campus France Chennai, Embassy of France in India & Directorate of International Relations, Vel Tech on 28th Jan., 2019. Ms. Krusha Kakhar, Manager – Campus France, Bangalore, Embassy of France in India was the resource person and she made elaborate presentation about various opportunities at France. More than 140 students and faculty members got benefitted from this session.

International Info Session

Directorate of International Relations, Vel Tech organized the “Information Session on International Opportunities” on 7th February 2019 about the international opportunities for Vel Tech students. The session was organized with an objective to explain various opportunities abroad with possible funding support and its procedures. Dr.S.Sivaperumal, Director for International Relations gave a detailed presentation. Also Professors, who were teaching courses at Vel Tech as Visiting Faculty, from Czech Republic, Croatia, Taiwan and USA addressed to the students and made an elaborate presentation to the students about their Masters course and other opportunities at their country and University. Students interacted with the professors and also clarified their doubts through Q&A session. The Info session was attended by more than 250 students.



International Alumni Meet

Taiwan Alumni Meet



Alumni Office at Vel Tech organized an “International Alumni Meet” at Taiwan on 24th Nov., 2018. The event was presided by Vice-President Mr. K.V.D Kishore Kumar and Director for International Relations Dr.S.Sivaperumal. Students who are currently working and doing their Masters & PhD in Taiwan was gathered at Taichung, Taiwan. More than 45 Alumni attended the event and had a brief interaction and good time with Vel Tech delegates.

France Alumni Meet



Alumni Office at Vel Tech organized an “International Alumni Meet” at Paris, France on 30th Mar., 2019. The event was presided by Vice-President Mr. K.V.D Kishore Kumar and Director for International Relations Dr.S.Sivaperumal. More than 15 Alumni who are working / studying at France attended this meet at Paris, France.

Specialised Courses by International Visiting Faculty

Prof. Andrejs Romanovs, Associate Professor, Senior Researcher, Institute of Information Technology, Head of the Department of Modelling and Simulation and Prof. Jurijs Merkurjevs, Professor - Institute of Information Technology, Dept. of Modelling and Simulation, Full Member of the Latvian Academy of Sciences from Riga Technical University, Latvia visited Vel Tech during 4th – 8th Dec., 2018 to deliver a Lecture Series on "Logistics and Supply Chain Management 4.0" under Erasmus funding. The lecture was attended by 48 students of 1st year Master of Business Administration.



Prof. Dr. R. Logeswaran, Professor in Computing & Engineering, Asia Pacific University of Technology & Innovation, Malaysia visited Vel Tech during 26th - 31st Dec., 2018 to deliver a short course on "Concepts & Future Trends in Big Data & Data Science" to 2nd, 3rd & final year Computer Science & Engineering Students. The course was offered with credits to the students and around 41 students attended the course.

Students were generally good and well behaved. Very good experience at Vel Tech & enjoyed the weekend sightseeing that was kindly organized. I am happy with the way I have been treated at Vel Tech. It is always a pleasure to visit Vel Tech again and conduct course here. I am impressed by the emphasis given for students to gain international exposure.

-Prof. Logeswaran



Prof. Dr. R. Logeswaran, Professor in Computing & Engineering, Asia Pacific University of Technology & Innovation, Malaysia visited Vel Tech during 26th - 31st Dec., 2018 to deliver a short Course on "Data Compression Strategies" to 2nd, 3rd & final year Computer Science & Engineering Students. The course was offered with credits to the students and around 36 students attended the course.

Prof. Dr. Naveen Chilamkurti, Associate Professor - Department of Computer Science and Information Technology, School of Engineering and Mathematical Sciences, La Trobe University, Australia visited Vel Tech during 27th Dec., 2018 – 2nd Jan., 2019 to deliver a short Course on "Ethical Hacking and Pen Testing" to 2nd, 3rd year Undergraduate & Postgraduate students of Computer Science & Engineering. The course was offered with credits to the students and around 40 students attended the course.



Excellent coordination, Students are really interested in the course and Faculty are encouraging student to participate. Lab facilities are good and lab Staff are also very helpful, All in all very good arrangement & coordination. Excellent experience at Vel Tech. Students participated well in all activities and transportation is well coordinated. I would like to visit Vel Tech again. Excellent coordination and well organized.

-Prof. Dr. Naveen Chilamkurti

Prof. Dr. Naveen Chilamkurti, Associate Professor - Department of Computer Science and Information Technology, School of Engineering and Mathematical Sciences, La Trobe University, Australia visited Vel Tech during 7th Jan., 2019 – 10th Jan., 2019 to deliver a short Course on "Block Chain and Smart Contract" to 2nd, 3rd & final year Computer Science & Engineering Students. The course was offered with credits to the students and around 30 students attended the course.



Prof. Keshav Dahal, Chair in Intelligent Systems and Research Lead of AVCN Research Centre, School of Engineering and Computing, University of the West Scotland, Scotland, UK visited Vel Tech during 8th – 10th Jan., 2019 to deliver a short course on "Applied Artificial Intelligence and Intelligence Systems" to 2nd & 3rd year Computer Science & Engineering Students. The course was offered with credits to the students and around 27 students attended the course.



I am very impressed with the Vel Tech for providing a wide international exposure to its students in its premises. I have had good time at Vel Tech interacting with motivational students, staffs in the international office. Thanks for the great hospitality at International Guest House. Some of students are very talented and I would love to be in touch with them for their future carrier progression.

I like to come back to Vel Tech again as I Enjoyed teaching students, which provides a learning experience for me too in a different environment. Some of students are very good and would be happy to supervise their research work in future and I like to develop research collaboration with faculties.

-Prof. Keshav Dahal



Prof. Saad Mekhilef, Power Electronics and Renewable Energy Research Laboratory (PEARL), Dept. of Electrical Engineering, University of Malaya, Malaysia visited Vel Tech during 9th – 11th Jan., 2019 to deliver a short course on "Power Electronics Applications" to 2nd year Electrical and Electronics Engineering students. The course was offered with credits to the students and around 12 students attended the course.

The arrangements were very good by EEE dept and the International office. I really enjoyed teaching the students. It was excellent experience for me to visit Vel Tech.

I have enjoyed my stay and had the experience to attend the Pongal celebrations with students and staff. Also visited research labs to discuss possible collaborations with researchers from Vel Tech.

-Prof. Saad Mekhilef

Prof. Dr. Suzanne Kieffer, Associate Professor, Usability & UX Practitioner, Strategic Usability, Usability Engineering Services, Université Catholique de Louvain, Belgium visited Vel Tech during 21st – 29th Jan., 2019 to deliver a short course on "Rapid Contextual Design: A First Hands-On Experience" to 2nd year Computer Science and Engineering students. The course was offered with credits to the students and around 20 students attended the course.



Overall Experience at Vel Tech was beyond my expectations, ranging from pragmatic aspects (accommodation, food, transfers, etc.) to interaction with people (students, faculty members, staff on campus/ at guest house).

Would like to visit Vel Tech again seeking for sustainable funding solutions to support exchange students financially, scientific collaborations: seeking for funding, publications and short course.

-Prof. Dr. Suzanne Kieffer

Prof. Lung-Jieh Yang, Professor - Department of Mechanical Engineering, Editor in Chief - Journal of Applied Sciences and Engineering, Tamkang University, Taiwan visited Vel Tech during 28th Jan., - 1st Feb., 2019 to deliver a short course on "Fundamentals of Sensors and Actuators" to 2nd, 3rd & final year Electronics and Communication Engineering students. The course was offered with credits to the students and around 35 students attended the course.

Student's participated with high heart desire and learned very hard. The facility of classroom (lecture hall) is also good.

Vel Tech in recent years endeavors on international cooperation with many partners in different countries. I believe the globalization will keep promoting the ranking of Vel Tech.

Everything here got improving all the time and we can keep cooperation about the research and faculty/student exchange.

-Prof. Lung-Jieh Yang



Prof. Lenka Svecova, Assistant Professor, Director - MIAS School of Business & Interdisciplinary Studies, Czech Technical University in Prague, Czech Republic visited Vel Tech during 4th - 8th Feb., 2019 to deliver a certificate course on "Managerial Decision Making" to 1year MBA students. The course was offered with credits to the students and around 49 students attended the course.

The Level of the students was different. There were several active students who communicated with me. Communication with school of management was perfect including their assurance & support for me. The students with previous lectorial education were more motivated & active.

Cooperation with International office was perfect. With 4 visiting professors along with me had to be very difficult for them and they managed (made it) everything. Accommodation services were pretty good. The head of guest house staff is very efficient and careful. It was a very interesting experience and I would like to visit Vel Tech again.

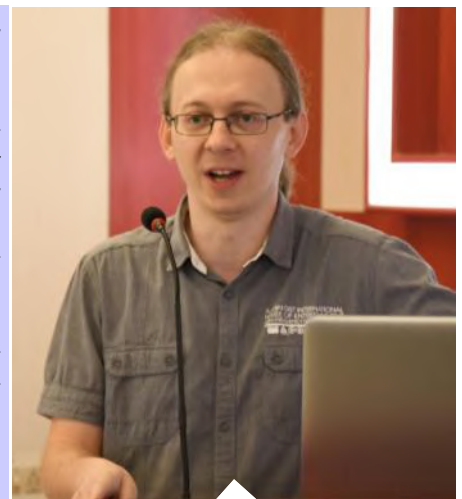
-Prof. Lenka Svecova

Prof. Israel Koren, Professor - Dept. of Electrical and Computer Engineering, University of Massachusetts, Amherst, USA visited Vel Tech during 6th - 8th Feb., 2019 to deliver a short course on "Fault Tolerant Computing" to 2nd, 3rd & final year Electronics and Communication Engineering students. The course was offered with credits to the students and around 49 students attended the course.



As far as delivering my course is concerned, I am satisfied with every aspect. Coordination between International Office and other parties was excellent. My experience at Vel Tech was great. I really enjoyed working with great professors and employees. I would like to visit Vel Tech again because it was good experience in my first visit.

-Prof. Goran Dambic



Prof. Goran Dambic, Head of the Software Engineering Department, System Architect, Lead Software Engineer, Algebra University College, Croatia visited Vel Tech during 4th - 8th Feb., 2019 to deliver a short course on "New game development paradigm with Unity ECS" to 2nd, 3rd & final year Computer Science and Engineering students. The course was offered with credits to the students and around 55 students attended the course.

Prof. Xavier Brunetaud, Associate Professor - Civil Engineering, Université d'Orléans, France visited Vel Tech during 11th - 18th Feb., 2019 to deliver a short course on "Techniques of Building Construction" to 2nd & 3rd year Civil Engineering students. The course was offered with credits to the students and around 32 students attended the course.



Vel Tech does its best to make visiting professors feel safe and comfortable. I am very thankful for that. Some students worth it and I wish I could welcome some of these students in France. Coming again in Vel Tech would be necessary to strengthen this promising relationship.

-Prof. Xavier Brunetaud

Prof. Shubiao Wu, Associate Professor, AIAS - CO-FUND Junior Fellow, Aarhus University, Denmark visited Vel Tech during 25th Feb., - 2nd Mar., 2019 to deliver a short course on "Bioremediation and Bio-waste Management" to 2nd year Bio-Technology Engineering Students. The course was offered with credits to the students and around 34 students attended the course.



The course was coordinated very well. The students participated in the course are very active and performed well. Beside, the teaching room facilities are well prepared. Vel Tech takes good care, including travelling, food accommodation in the guest house. Vel Tech is a nice University and I have a good experience here.

-Prof. Shubiao Wu

Prof. Dawit Almaw Mengistu, Assistant Professor - Department of Design and Computer Science, Kristianstad University, Sweden visited Vel Tech during 18th - 22nd Feb., 2019 to deliver a Short course on "Algorithms, Tools and Platforms for Data Mining" to 2nd, 3rd year, final year Undergrad & Postgrad Students of Computer Science Engineering. The course was offered with credits to the students and around 56 students attended the course.



Student Participation was good and labs were also good. Excellent experience at Vel Tech, everything went very well from the accommodation Practicalities to academic activities. I would like to visit Vel Tech again. I have quite positive experience and I can see that there are possibilities for partnership in education and research.

-Prof. Dawit Mengistu



Prof. Dawit Almaw Mengistu, Assistant Professor - Department of Design and Computer Science, Kristianstad University, Sweden visited Vel Tech during 25th Feb., - 1st Mar., 2019 to deliver a Short course on "Service Models and Applications in Cloud Computing" to 2nd, 3rd year, final year Undergrad & Postgrad Students of Computer Science Engineering. The course was offered with credits to the students and around 35 students attended the course.

HIGHLIGHTS

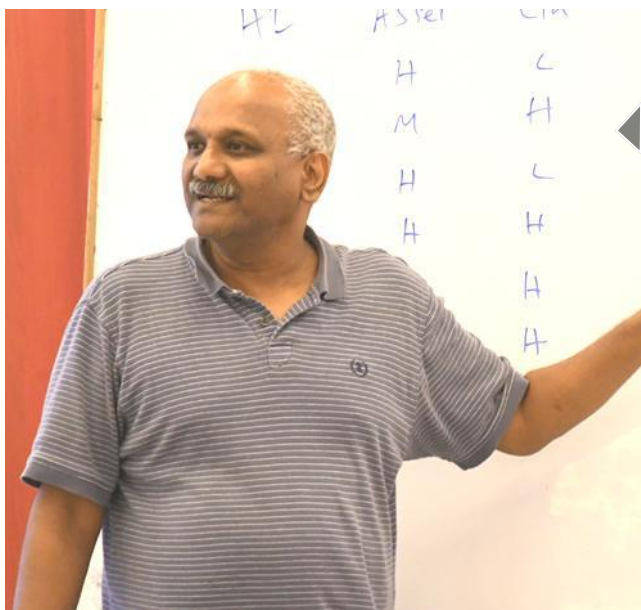
**MoU with 138
Institutions across
33 countries**

Prof. Ahmed Abdelgawad, Associate Professor - Computer Engineering, School of Engineering & Technology, Central Michigan University, USA visited Vel Tech during 4th – 6th Mar., 2019 to deliver a short course on "Internet of Things" to 2nd, 3rd & final year Electronics and Communication Engineering students. The course was offered with credits to the students and around 54 students attended the course.



The student's level was good. I had a very useful discussion with most of the students. My overall experience was good and I had great experience with students.

-Prof. Ahmed Abdelgawad



Prof. Dr. Selwyn Piramuthu, Professor - Information Systems and Operations Management (ISOM), University of Florida, USA visited Vel Tech during 6th – 8th Mar., 2019 to deliver a short course on "Introduction to Machine Learning" to 2nd, 3rd & final year students of Computer Science engineering. The course was offered with credits to the students and around 30 students attended the course.

The students seemed to be highly motivated and participated extensively in in-class discussions. The coordination of the course was done very well by all personnel involved.

This is my second time teaching course at Vel Tech. I enjoyed the process both times, thanks to the seamless way in which these courses are coordinated and the motivated students. I am quite sure that a lot of work goes on behind the scene to make all of this happen. I am very thankful to everyone at the International Programmes office for all their help with my visits. They went out of their way to ensure that everything went OK. Thank you!

-Prof. Dr. Selwyn Piramuthu

Prof. Pavel Zahradnik, Professor - Faculty of Electrical Engineering, Dept. of Telecommunication Engineering, Czech Technical University in Prague, Czech Republic visited Vel Tech during 11th – 15th, 2019 to deliver a short course on "Video Signal Processing" to 2nd, 3rd & final year Electronics and Communication Engineering students. The course was offered with credits to the students and around 44 students attended the course.



The arrangements and coordination of all activities at the Vel Tech were perfect! First, I had no information about Vel Tech prior starting our communication. I was very well surprised by Vel Tech and its activities including the thrust to improve its international positioning as well. In summary, a very nice and unexpected surprise and will be a pleasure to visit Vel Tech again.

-Prof. Pavel Zahradnik

Prof. Dr. -Ing. Andreas Gebhardt, Faculty of Mechanical Engineering and Mechatronics, Advanced Fabrication Technologies, FH Aachen University of Applied Sciences, Germany visited Vel Tech during 21st – 27th Mar., 2019 to deliver a short course on "Industry 4.0 and Digital Production" to 2nd & 3rd year Mechanical Engineering Students and the course was offered with credits to the students and around 29 students attended the course. Professor also delivered a keynote address in "International Conference on Design, Materials, Cryogenics and Constructions (ICDMC'19)" on 28th & 29th April, 2019.



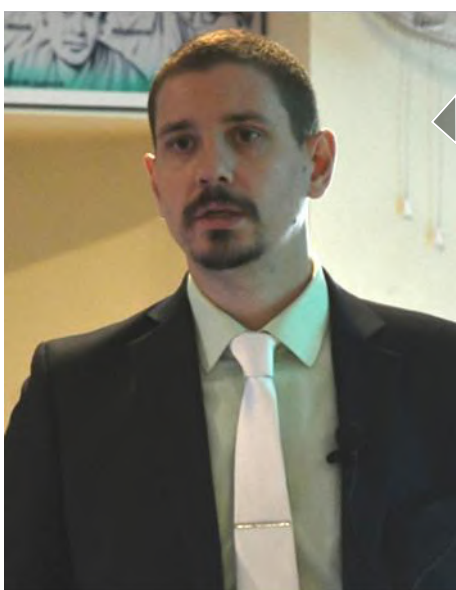
Dr. -Ing. Julia Kessler, Managing Director, Institute for Tool-less Production (IwF), Germany visited Vel Tech during 21st – 27th Mar., 2019 to deliver a short course on "Metal and Ceramic 3D Printing for Industrial Applications" to 2nd & 3rd year Mechanical Engineering Students and the course was offered with credits to the students and around 40 students attended the course. Dr. Julia also attended "International Conference on Design, Materials, Cryogenics and Constructions (ICDMC'19)" on 28th & 29th April, 2019.



The students seemed to be very interested into the topic and were open – minded. The support from dept helped everything run according to the plan. Also the coordination was well prepared.

No words to describe my experience at Vel Tech. I felt very welcome (from professors, Research Assistants and Students) at Vel Tech. Good organization in Combination with very friendly and warm people. I would love to come back to Vel Tech. I'm looking forward to a fruitful cooperation between IWF and Vel Tech.

-Dr. -Ing. Julia Kessler



Prof. Dr. -Ing. Nicolas Gascoin, Head of Pyrolysis & Propulsion Group, INSA Centre Val de Loire, France visited Vel Tech during 25th – 28th Mar., 2019 to deliver a short course on "Introduction to Multiphysics" to 2nd & 3rd year Aeronautical Engineering Students. The course was offered with credits to the students and around 63 students attended the course. Prof. Gascoin also delivered a keynote address in "International Conference on Design, Materials, Cryogenics and Constructions (ICDMC'19)" on 28th & 29th April, 2019.

Experience at Vel Tech is incredibly good, extremely warm welcome at Vel Tech & Guest house, spirit of friendship. All staff from top director to cooker were all very helpful and careful. The conditions of welcoming in organization are of top world leading Universities. The food is delicious. The sanitary conditions are excellent. The technical level of installation is really good, the help for understanding Chennai and managing side-life (Visits, Sim card, etc) are on top.

It would be a pleasure to come again to Vel Tech and improve my talk based on student comments. Coming back should be an opportunity to dedicate operational time for not only teaching but joint research. I could serve also to link with Indonesian experts to contribute to Vel Tech research.

-Prof. Dr. -Ing. Nicolas Gascoin

Assoc Prof. Po-Ming Lee, Associate Professor - Electrical Engineering, Southern Taiwan University of Science and Technology (STUST), Taiwan visited Vel Tech during 28th – 30th Mar., 2019 to deliver a short course on "Introduction to Animation and Video Editing" to 2nd & 3rd year Computer Science Engineering Students. The course was offered with credits to the students and around 34 students attended the course. Prof. Lee will also deliver a keynote address in International Conference on "Frontiers in Smart System Technologies" on 3rd to 5th April, 2019.



I like the students here. They are very active in the class. Vel Tech provides a strong support to help the class run smooth.

My overall experience is I like this school and definitely I will return again. I also enjoy Indian food.

-Prof. Po-Ming Lee

The arrangement and coordination of the course is great. Students are really enthusiastic in the course. It was a fantastic experience at Vel Tech. I would like to visit Vel Tech again. I think the Vel Tech team is awesome regarding the arrangement.

-Prof. Chua-Chin Wang



Prof. Chua-Chin Wang, Chair & Distinguished Professor - Dept. of Electrical Engineering, VLSI Design Lab, IET Fellow, National Sun Yat-sen University, Taiwan visited Vel Tech during 28th Mar., - 2nd Apr., 2019 to deliver a short course on "Integrated Circuit Design using CMOS Technology" to 2nd & 3rd year Electronics & Communication Engineering Students. The course was offered with credits to the students and around 63 students attended the course. Prof. Wang will also deliver a keynote address in International Conference on "Frontiers in Smart System Technologies" on 3rd to 5th April, 2019.

Memorandum of Understandings (MoUs) Signed

Polonia University, Poland [September' 18]



Polonia University, Established in 1992 is a private higher education institution located in the urban setting of the small city of Czeszochowa in Poland. MoU is signed for the period of 5 years to cooperate in Student Exchange; Academic and administrative staff exchange; Exchange of scientific and didactic materials, experience and ideas; Joint research and educational activities; Cooperation

within the framework of the European Union and institution programmes; Realization of the "Dual Degree" programme; Realization of "Joint Studies" programme; Joint publications in the scientific journal of Polonia University (PNAP) as well as in the scientific journal of Vel Tech.

Muhammadiyah University of Tasikmalaya, Indonesia [December' 18]



Muhammadiyah University of Tasikmalaya, Established

in 2014 is a private higher education institution located in West Java, Indonesia. MoU is signed for the period of 5 years to cooperate in Student & Faculty Mobility; Teaching and Learning; Research and Development; Joint Conference Organizing and Any areas of co-operation which may mutually agreed.

National Yang-Ming University, Taiwan [January' 19]



National Yang-Ming University, Established in 1975 is a

research university located in Taipei, Taiwan. NYMU has seven schools with 11 undergraduate programs, 34 master programs and 28 PhD programs. In addition, NYMU has more than 20 research centers with emphasis on cancer and immunology, brain research, biophotonics, aging and health, and biomedical engineering. MoU is signed for the period of 5 years for Exchange of staff and researchers; Exchange of students; Conducting collaborative research projects; Conducting lectures and organizing symposia; Exchange of academic information and materials and Promoting other academic cooperation as mutually agreed.

Feng Chia University, Taiwan [January' 19]



Feng Chia University, Established in 1961 is recognized as one of the leading private research universities and only CDIO member in Taiwan. FCU offers 57 degree programs of Bachelor, 76 degree programs of Master, and 14 doctoral degree programs and 37 specialized research centers on campus. MoU is signed for the period of 10 years for

Cooperation in Faculty members of both universities, upon invitation, will lecture & conduct seminars or research in the host institution; Student exchange in advanced studies and research; Exchange of publications, academic thesis and information in the field of interest. Feng Chia University is ranked at QS WR: #801-1000; QS Asia: #178, THE WR: #1000+, THE Asia: #201-250.

National Cheng Kung University, Dept. of Electrical Engineering [January' 19]

National Cheng Kung University, Established in 1931 is a public research intensive university located in Tainan, Taiwan. NCKU considered as one of the top ranked uni-

versities in Asia comprises 9 colleges, 43 departments, and 39 institutes. The university is best known for its engineering, computer science, medicine, and planning and design.



MoU is signed between Department of Electrical Engineering for the period of 3 years for Exchange of students, faculty, scholars and staffs; Development of Joint Curriculum, including dual degree programmes; Research collaborations in the

fields of mutual interest; Exchange and sharing of teaching and academic materials, publications, reference and other pertinent information; Co-advisor lecturers and students, share the research output results for both sides. NCKU is ranked at QS WR: #234, QS Asia: #37, THE WR: #501-600, THE Asia: #58.

University of Notre Dame, Indiana, USA [January' 19]



University of Notre Dame du Lac, established in 1842 is a private research university in Notre Dame, Indiana, USA. Notre Dame is consistently recognized as one of

the top universities in the United States, in particular for its undergraduate education. The aerodynamics of glider flight, the transmission of wireless messages, and the formulae for synthetic rubber were pioneered at the University and about 70 percent of the teaching and research faculty in science and engineering are principal investigators on sponsored research projects. MoU is one of the outcomes of NAFSA 2018 and is signed for the period of 3 years for Study Abroad opportunities at Notre Dame for full-time undergraduate students of Vel Tech in "American Semester Abroad Program" (ASAP) in Engineering and Architecture fields. University of Notre Dame is ranked at QS WR: #212, THE WR: #173; THE Country #26.

Duy Tan University, Vietnam [March'19]



Duy Tân University is the first and largest private university in Central Vietnam, was established in 1994. Duy Tan University offers a wide range of academic programs in undergraduate & graduate studies. Duy Tan University has expanded partnerships with many well-known universities around the world by laying a sound foundation for DTU students to gain more impressive achievements in education and research. MoU is signed for the period of 5 years for Exchange of Students; Visiting Professor/Expert; Joint R&D Proposals in academic areas of mutual interest.

Dalian Neusoft University of Information, China [March' 19]



Dalian Neusoft University of Information, established in 2000 is a private university institution in China, specializing on information technology. Currently there are more than 14,000 full-time students and nearly 800 full-time teaching and administrative staff, with 13 teaching institutions, five disciplines of engineering, science, management, arts and literature, and 28 undergraduate programs. DNUI is

in the core area of Dalian Software Park. MoU is signed for the period of 5 years for Exchange of undergraduate and/or graduate students, Exchange of faculty members and/or research scholars, Conduct of joint research, publication and symposia, Exchange of information for education and research purposes, sharing of other activities and programs in areas of mutual interest.

HIGHLIGHTS

272 Students of Vel Tech went to abroad Universities under Mobility / Exchange / Internship

International Delegates Visit to Vel Tech

Delegation from IIK Dusseldorf, Germany

Mr. Matthias Burger, Director of studies, German as a foreign language program Dusseldorf, Institute for International Communication E.V., Germany Visited Vel Tech on 22nd Oct., 2018 regarding summer language programme to IGCHE students.

Delegation from Moldex3D, Taiwan



Mr. Allen Peng, Managing Director - Asia Pacific and Mr. Nick Chang, Country Manager - Asia Pacific of Moldex3D, Taiwan visited Vel Tech on 23rd Oct., 2018 for initial level discussions regarding Training, Internships and Placements for Vel Tech Students at Taiwan Industries and met university higher officials for further discussions.

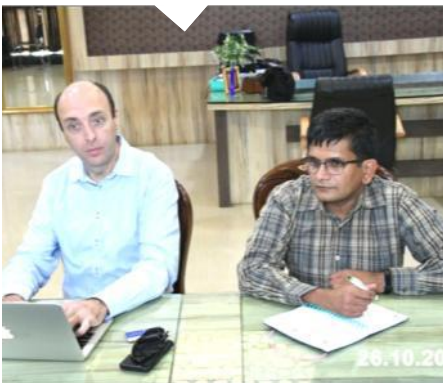
Delegation from TAITRA, India

Mr. Christian Li, Manager, TAITRA (Taiwan External Trade Development Council), India visited Vel Tech on 23rd Oct., 2018 for initial level discussions regarding Industrial Tie-ups for Training and placements for Vel Tech students and also met university higher officials for further discussions.



Delegation from Carleton University, Canada

Prof. Yvan Labiche, Associate Professor & Department Chair - Systems and Computer Engineering and Dr. Sreeraman Rajan, Associate Professor, Systems and Computer Engineering of Carleton University, Canada visited Vel Tech on 26th Oct., 2018 to discuss possible areas for collaboration and to explore the possibilities of student mobility and also to discuss the pathway programmes for Vel Tech UG students for doing masters at Carleton University. Delegates also met university higher officials for further discussions.



Delegation from MBIEN Consultants, UK

Mr. Joy Jyoti Nandi, Director, MBIEN Consultants, UK visited Vel Tech on Jan., 04, 2019 for discussions regarding collaborations with Coventry University, UK.

Delegation from Concordia University, Canada

Dr. Muthukumaran Packirisamy, Professor & Concordia Research Chair, Optical-Bio Microsystems Laboratory & ConSiM (Concordia Silicon Microfabrication facility) of Concordia University, Canada visited Vel Tech on 5th Jan., 2019 for collaborations and research discussions. He addressed the research faculty members about the possible research cooperation in the area of MEMS. He shared the details of projects for students.



Delegation from University of Manitoba, Canada

Dr. Subramaniam Balakrishnan, Professor, University of Manitoba, Canada visited Vel Tech on 5th Jan., 2019 for discussing the possibility of offering course during the next semester under Programme Elective - Integrated Course. He also came for GIAN course to two institutions.



Delegation from Soochow University, Taiwan

Prof. Chung-Tzer Liu - Associate Dean - School of Business, Professor of Business Administration, Dr. Fu-Sheng Shih - Director - International Affairs Center, Assistant Professor - Dept. of Sociology, Prof. Shih-Ho Wang - Dean - Professor of Japanese Language and Culture, Office of International & Cross-Strait Academic Exchange, Prof. Rhein Li - Chinese Overseas & International Students Coordinator of Soochow University, Taiwan visited Vel Tech on 8th Jan., 2019 to discuss the possibilities of collaboration in the areas of student & faculty mobility and also research collaborations in mutual areas. Soochow delegates also met university higher officials for further discussions.



Delegation from National Formosa University, Taiwan

Prof. Shouyin (Ian) Yang, Dean - Office of International Affairs, Professor - Dept. of Power Mechanical Engineering & Ms. Jiang, Pei-Rong, Project Coordinator, Division of Academic Relations, Office of International Affairs from National Formosa University, Taiwan visited Vel Tech during 15th Feb., 2019 for strengthening the ties and to discuss the exchanges of students in the upcoming semester.

Delegation from FH Münster University of Applied Sciences, Germany

Prof. Dr. Phil. Susanne MaaB-Sagolla, Intercultural Communication & Counselling, Institute for Business Administration & Engineering, Muenster Centre for Interdisciplinarity (MCI) and Prof. Ruth Kühn, Scientific Assistant, Institute of Technical Business Administration from FH Münster University of Applied Sciences, Germany visited Vel Tech during 21st & 22nd Mar., 2019 to discuss the possibilities of collaborations and further areas to be discussed during Vel Tech visit to FH Münster in April, 2019.

Delegation from Coventry University, UK

Prof. Richard Dahwood, Deputy Vice Chancellor - Research, Professor - Engineering Materials and Prof. Carl Perrin, CEO - Institute for Future Transport & Cities (FTC), Director - Institute for Advanced Manufacturing and Engineering (AME) from Coventry University, UK visited Vel Tech on 14th Mar., 2019 for explore the potential possibilities in research and academic exchanges. They also met university higher officials for further discussions.



Delegation from California State University, Los Angeles, USA

Dr. Eric Bullard, Associate Vice President of International Programs and Global Engagement, Dean of the College of Professional and Global Education and Mr. Lawrence Aldava, Director of Marketing & Communications College of Professional & Global Education from California State University, Los Angeles, USA visited Vel Tech on 29th Mar., 2019 to discuss the possibilities of collaborations and further discussion on strengthening the ties in areas of mutual interest.



Student Mobility - Outgoing & Incoming

Student Mobility Outgoing

**28 students are got their final semester project at
Abroad Universities under Exchange during Winter Semester 2018–19**

Polytech Orleans, France



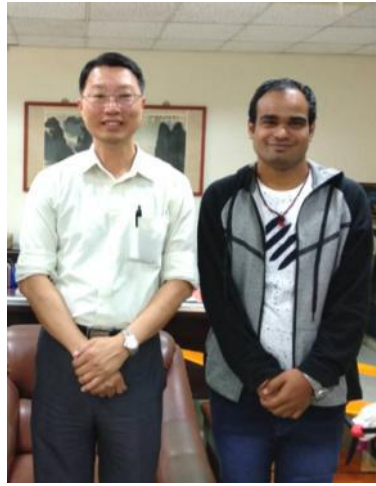
Three students from Vel Tech are currently doing their Final semester project work at Polytech Orleans, France with partial funding support from Vel Tech under Exchange.



Mr. Vikash Goyal (Auto), Mr. Manjith Kumar Reddy Sirigireddy (Auto) and Mr. Aman Kumar Arya (Auto) are working on the project Titled “Numerical Approaches for Spray Propagation and Thermodynamic Study” under the guidance of Professor Camille.

National Cheng Kung University, Taiwan

Mr. Amit Kumar Gope (Aero) from Vel Tech is doing his final semester project at National Cheng Kung University, Taiwan under the guidance of Professor Wei-Hsiang, Lai in the Project Titled “Performance Analysis of Francis Turbine” with partial funding support provided by Vel Tech under exchange.



National Chung Hsing University, Taiwan

Three students from Vel Tech are doing their final semester project work at National Chung Hsing University, Taiwan with partial funding support from Vel Tech and NCHU (4000 NTD/9000 INR per Month) under Exchange.



Mr. Sunil Patel (M.Tech - CSE, Big data Analytics) is working on the project Titled “Feature Extraction from Satellite Image” under the guidance of Professor I-En Liao.



Ms. Poojitha Gaddipati (ECE) is working on the project Titled “Agricultural products quality detection using hyperspectral image processing” under the guidance of Professor Yen cheih-ouyang.



Ms. Manshika Vicario D Sangma (Civil) is working on the project Titled “Frequency measurement for ambient vibrations of simply supported reinforced concrete (RC) beam” under the guidance of Professor Yu Chih Peng.

National University of Singapore, Singapore

Mr. Mohammed Abid (Mech) from Vel Tech is doing his final semester project at National University of Singapore, Singapore under the guidance of Prof. Manoj Gupta in the Project Titled “Investigation on interfacial shear strength with low dilution for the hard facing of Ni alloy on austenitic stainless steel component in nuclear reactor” with partial funding support provided by Vel Tech.



Mr. Mohammed Abid
Received Partial
Funding Support from
Vel Tech

HIGHLIGHTS

**76 International
Visiting Faculty
Members from 59
Universities delivered
Courses at
Vel Tech**

Southern Taiwan University of Science and Technology, Taiwan

Five students from Vel Tech are doing their final semester project work at Southern Taiwan University of Science and Technology, Taiwan with partial funding support from Vel Tech.



Mr. Yaswanth Gantyada (Mech) & Mr. Pavan Sai Pagadala (Mech) are working on the project Titled "Optimization of motor cycle intake system" under the guidance of Professor Cho-yu-lee.



Mr. Ramchandra Sharma Bholanath Sharma (Mech) & Mr. Dinesh Kuraba (Mech) are working on the project Titled "Energy Management Strategy for Light Weight NIMH Battery Car Racing in Suzuka Circuit" under the guidance of Professor Wei-Chin Chang.



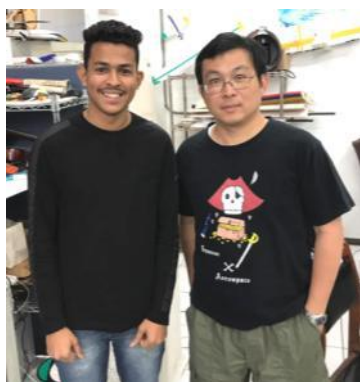
Mr. Eswar Reddy Regalla (ECE) is working on the project Titled "Blood Vessel Segmentation in Angiograms using Fuzzy Inference System and Morphological operations" under the guidance of Professor Dr. Lih-Yang Wang.



All 5 students received Partial Funding Support from Vel Tech

Tamkang University, Taiwan

Three Students from Vel Tech are doing their Final Semester Project at Tamkang University, Taiwan with funding support of NTD 13000 / INR 29000 per month and also two students doing their Final Semester Project under exchange with Partial Support from Vel Tech.

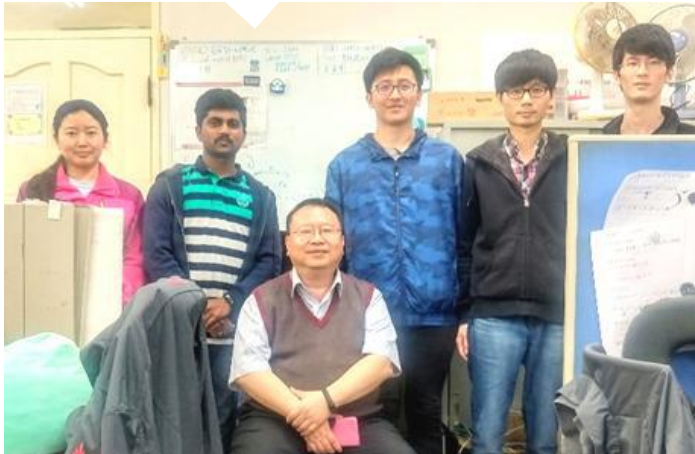


Mr. Pavan Kumar Kuttum (Mech) is working on the project Titled "Design of a Landing Gear Mechanism" under the guidance of Professor Fu-Yuen Hsiao.



Mr. Hitesh Kumar Rana (Mech) and Mr. Arindam Dutta (Mech) are working on the project Titled "Design of a variable angular mechanism for flapping wings" under the guidance of Professor Dr. Lung-Jieh Yang.

Mr. Mukesh Kumar Badigineni (ECE) is working on the project Titled “Smart Wearable Learning Device for Visually Disabled persons Using IOT & AI techniques” under the guidance of Professor Chih-Yung Chang.



Mr. Kelper Singh Okram (EEE) is working on the project Titled “Digital-LDO” under the guidance of Professor Yang wei bin.



3 students were sponsored by Tamkang University and 2 received Partial Funding Support from Vel Tech



Universiti Sains Malaysia, Malaysia

Mr. Mohammed Ashique (Civil) from Vel Tech is doing his final semester project atUniversiti Sains Malaysia, Malaysia under the guidance of Prof. Dr. Fauziah Ahmadin the Project Titled “Research on Advancing and Sustaining Soil Stability by Using Geopolymer Materials” with partial funding support provided by Vel Tech.



Mr. Mohammed Ashique Received Partial
Funding Support from Vel Tech

National United University, Taiwan

Three students from Vel Tech are doing their final semester project work at National United University, Taiwan with partial funding support from Vel Tech

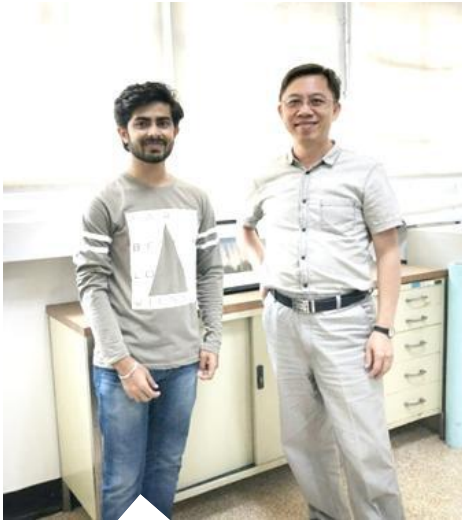
Mr. Tarun Kumar (Mech), Mr. Kushal Kumar Sarkar (Mech) and Mr. Vikas Yadav (Mech) are working on the project Titled “Study of Aluminium Surface treatment using Anodisation for Aerospace Applications” under the guidance of Professor Chien-Chon Chen.



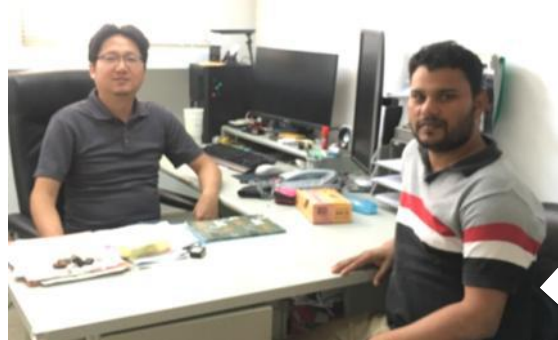
All 3 students Received
Partial Funding Support from Vel Tech

National Formosa University, Taiwan

Six students from Vel Tech are currently doing their Final Semester Project at National Formosa University, Taiwan with support of Free Flight Ticket, Accommodation and Stipend of NTD 3000/ INR 6800 per Month and partial funding support from Vel Tech.

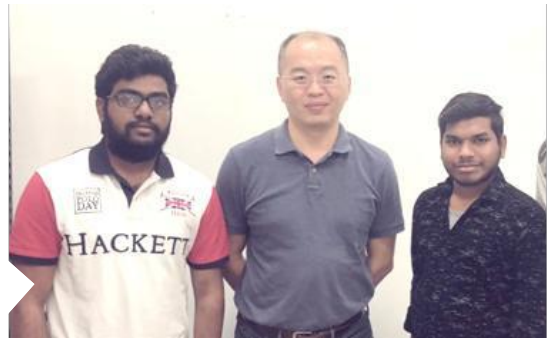


Mr. Amit Singh (Mech) is working on Project Titled “Manufacturing and Synthesis of a Hard Ceramic Coating on Metallic Tools” under the guidance of Professor Yin-Yu Chang



Mr. Afaroj Ahamad (M.Tech - EEE, Measurement and Control) is working on the project Titled “Machine Learning of FPGA” under the guidance of Professor Dr. -Ing. Chi-Chia Sun.

Mr. Siva Manikanta Ganji (Mech) and Mr. Venkata Surya Sairam Kadali (Mech) are working on Project Titled “Spray Combustion characteristics of Diesel Blended with water” under the guidance of Professor Shouyin Ian Yang.



Mr. Kalyan Ashok Kumar Reddy Pyreddy (ECE) and Mr. Nagendra Reddy Mallu (ECE) are working on Project Titled “Indoor Positioning System in Hospital Instrument management” under the guidance of Professor Hui-Kai-Su.



All 6 Received Partial funding support from
Vel Tech and National Formosa University

IIK, Dusseldorf, Germany

Mr. Krishna Sai Sahukara (CSE) currently undertaking Intensive Language Training as part of IGCHE programme to clear Test DAF Levels at IIK, Dusseldorf, Germany. On his clearance with Test DAF levels, the student will continue final year at Zittau/Görlitz University of Applied Sciences, Germany .



Student Mobility Incoming

Tamkang University, Taiwan



4 Student from Tamkang University, Taiwan has successfully completed project work titled "Flight Power Calculation and Image Processing of Micro Air Vehicles (MAVs)" under the guidance of Dr. E. Balasubramanian as well as short term mobility at Vel Tech during 21st Jan., to 11th Feb., 2019

1. Mr. Tsai I.I.
2. Mr. Hsu Kuang-Chun
3. Mr. Lin Wei-Han
4. Mr. Chen Cheng-Bin

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

Qualification: Fresh Ph.D 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:

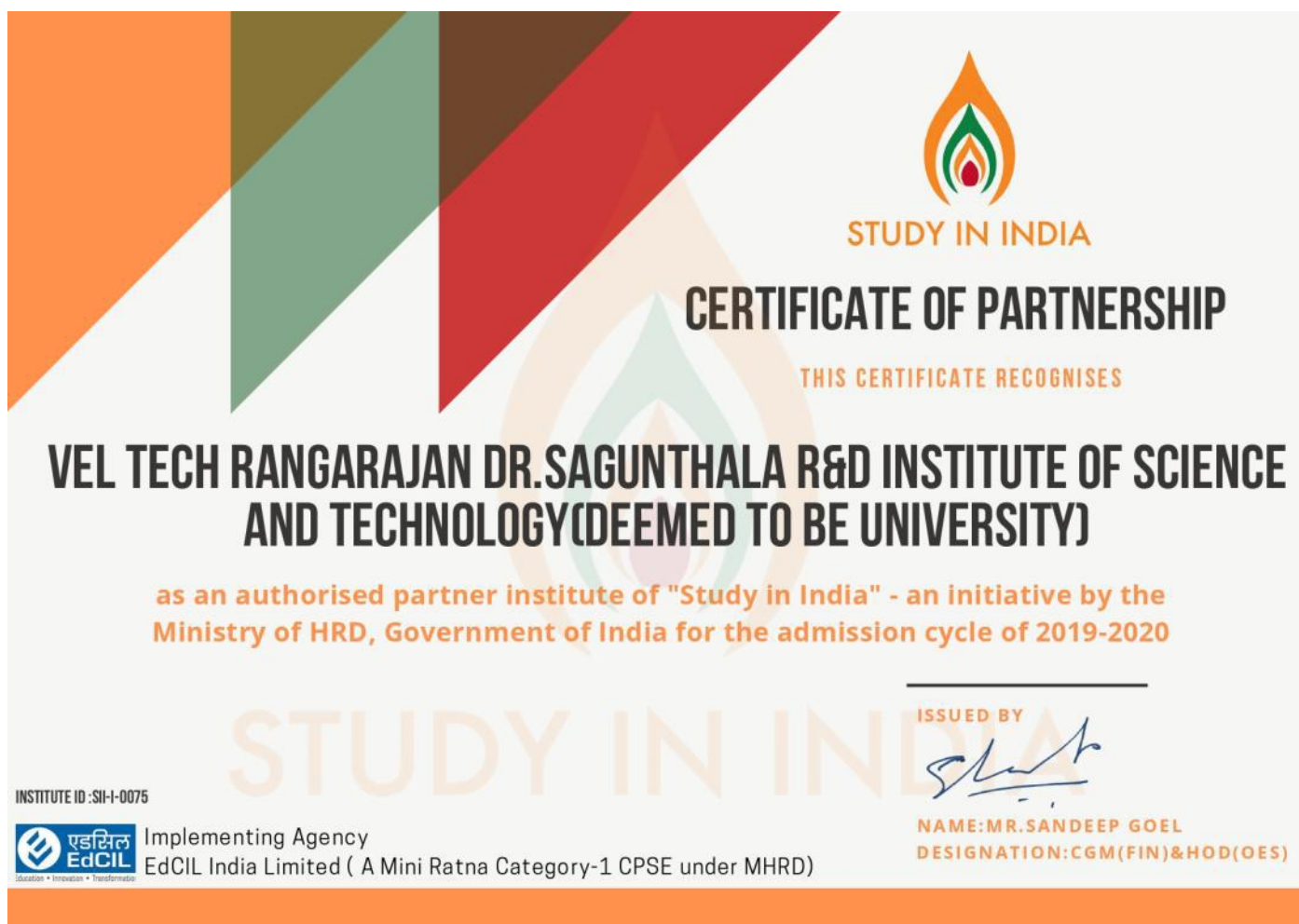
- For candidates joining the Institute, Reimbursement of return economy class airfare via shortest route subject to the condition of serving the Institute for a minimum period of 1 year.
- 30 Days of Vacation Leave per Annum.
- Incentives for Funded Research Projects, Consultancy Works, Research Publications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

About the University: www.veltech.edu.in

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

HOW TO APPLY?

Submit the detailed Profile / CV at
dint@veltech.edu.in



Accreditation and Ranking





Vice-Chancellor and Chairperson & Managing Trustee of Vel Tech receives QS I-GUAGE [Diamond] Rating Certificate from Founder and CEO of QS - Quacquarelli Symonds.



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

For any queries / clarifications, you may contact

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