



# Dr. M.G.R. EDUCATIONAL AND RESEARCH INSTITUTE DEEMED TO BE UNIVERSITY

University with Graded Autonomy Status

(An ISO 21001 : 2018 Certified Institution)

Periyar E.V.R. High Road, Maduravoyal, Chennai-95. Tamilnadu, India.



## Dr. M.G. IR OFFICE OF INTERNATIONAL RELATIONS

# INTERNATIONAL COLLABORATIVE ACTIVITIES





## FROM THE DESK OF THE PRESIDENT

### **Er. ACS Arun Kumar**

Our institution strives hard to achieve a holistic development of the students and the faculty who work tirelessly as resource persons for knowledge dissemination, As President of this Institution I have two objectives. For one, the students learning must extend beyond our university not just confined to what our teachers teach. Secondly, the teachers should be exposed to various teaching and learning practices that they could help our students academically and professionally. The various regulatory bodies of higher education, which monitor the functioning of higher educational institutes in India, especially, the University Grants Commission have given clear instructions towards this end.

The University Grants Commission has been implementing a number of schemes to strengthen the intellectual/research environment in the Universities/institutions of higher education. The locational advantages and disadvantages apart, the difficulties in the mobility of intellectual and academic community has been a matter for discussion over a period of time. The Student and Faculty exchange Programs of Dr MGR Educational and Research Institute (University with Graded Autonomy Status) are open to the academic community across the world to indulge in the sharing of knowledge and skills to build a global community that will prove “shared knowledge is knowledge invented”.







## FROM THE DESK OF VICE-CHANCELLOR

### **Dr.S. Geethalakshmi**

As an academician and a professional doctor with specialization, I have had the opportunity to go abroad and got exposed to the theoretical and practical aspect of medical education abroad. When I reminisce, I remember the differences in the teaching methodology, that my professors in India were using and those of the expert teachers abroad. The power to realise the difference comes naturally with the experience. Our university also has been implementing staff and students exchange programs with various universities abroad.

With immense happiness, I place on record the great service of the University's Student and Staff Exchange programs have offered so far in a country of diverse communities of all religions and languages that beautifully get expressed in various cultures and traditions. Our programs have established constant interaction and exchange of ideas between the faculty working in Universities and scientists/researchers in other institutions like National Laboratories / Autonomous Institutions and Industrial R & D Laboratories. I am sure this kind of activities are constant moral booster to the faculty and students in creating a bridge between the portals of learning and making particular and localised practice into one of Universal Practice for a sustained Global economy and prosperity.





FROM THE DESK OF  
PROVOST

## Dr. G. Gopalakrishnan

It is immensely gratifying to note our University's contribution to the welfare of our students. Youth is the best time of one's lifetime. The way in which the students utilize this period will decide the nature of coming years that lie ahead of them. If they wish to achieve greatness, their efforts have to be persistent and sustained over a long time. The university's mammoth effort to help students pursue course in another university for a semester and accepting the credits earned there towards their credits in the subject definitely motivates our young and enthusiastic students to utilise the opportunity to shape their future. The university provides financial assistance also to the deserving and meritorious students to participate in such programs. The students are given opportunities to spend short periods either during summer or winter. Both are welcome to students for the great exposure that they have in another university abroad and for the change in the cultural environment that they experience. The opportunity for the faculty to get exposed to the academic activities of universities abroad is commendable.

I congratulate the Faculty-in-charge of International Relations, for their efforts in organising Staff and Students Exchange Programs.





FROM THE DESK OF  
RECTOR

## **Prof. Dr. D. Viswanathan**

I am glad to know that the Centre for International Relation is bringing out a report on the Activities of Student and Faculty Exchange Program. Faculties will have an opportunity to teach or conduct research in the overseas Universities and benefit from exposure to a culturally varied and diverse faculty make-up with an opportunity to exchange ideas and observe a variety of Styles. Students will have the opportunity to learn concepts and ideas presented in an entirely new and different manner.

Our faculties and Students will have an opportunity to learn and interact in the fields of advanced technologies like Artificial Intelligence, IOT, Nanotechnology etc. By means of Collaboration, team work is accomplished with equal opportunities to participate, communicate their ideas, Sharing knowledge, communicating with peers, will be evenly distributed chances to work with different people with diverse perspectives there by enhancing the quality of the work. Twinning Programmes, Workshops, Conferences, Seminars, Joint Research etc., can be organized.





FROM THE DESK OF  
PRO VICE CHANCELLOR

## **Dr.M.Ravichandran**

Dr. M.G.R. Educational and Research Institute has well defined vision and mission that it is acknowledged as a trend setter in the higher education sector of India. As for its commitment to the welfare of its stakeholders, both the teachers and students, it offers innumerable opportunities for their holistic development as professionals. We have clear goals in terms of offering international standards of education at affordable costs to students, from diverse culture and different linguistic states of India. Our staff and students exchange programs under MOU with different universities is a two way process that includes both teachers and students of our university as well as those of other university with which the MOU is signed.

These Exchange Programs have also been an excellent means for the sustained professional growth of faculty at different levels of professional hierarchy. Staff and students can enjoy the global connectivity and the other benefits like exposure to the currency of different countries and their cultures. This experience brings satisfaction to our teachers that they could handle foreign currencies and different bureaucratic systems ultimately, they inform their colleagues for a positive vibe in the department.

I hereby congratulate the Office of International Relations for bringing out a book of this kind to showcase our university's commitment to Staff and student community.







FROM THE DESK OF  
REGISTRAR

## **Prof. Dr. C.B. Palanivelu**

It is overwhelming to take note that the Office of International Relations of our University is releasing a Booklet containing the documents created during the conduct of the various activities performed over the period of last four (4) years under the aegis of our University.

These documents speak on how our University has successfully offered the much scalable and sustainable quality in both Teaching and Learning experiences to our Students / Teachers.

The various MOUs signed with the best Universities around the world has facilitated in establishing linkages and has provided the connectivity to our Students / Teachers with their peers across National Borders. The Student / Teacher exchange programmes have enhanced and strengthened the competencies and confidence levels of our Students / Teachers.

This Booklet will well serve as a showcase not only to our other Students / Teachers who will be encouraged to develop their relationships with other Universities in the world, but also remain as a memoir for those who have participated in these International Academic related activities.

The University will feel proud to display and exhibit these achievements gathered in this Booklet.

While congratulating those faculties who have been responsible in bringing this Booklet, I also wish the Department carries on with the work that shall bring much more glories to the University.





FROM THE DESK OF  
**ADDL.REGISTRAR**

## **Dr. P.Kalidoss**

It gives me great pleasure to note that our university has had global connections with universities and research laboratories in Defence and Public sector of different countries signing MoUs for various Student and Faculty exchange programs. These exchange programs not only increase the students' chances of employability, but also help them gain skills for their future jobs. The multiple opportunities for exchange programs exist globally, and it is our duty to help our students and teachers grab them to get exposed to different educational systems and practices that our own practices adapt them to serve the diverse global community of students. Further, these exchange programs make our students and faculty more globally aware and adaptable to the workings of academic communities in deciding the future of younger generations.

The collaborative and active learning environment that the students carry back to our university after successful exchange programs not only make us feel proud, but instils a sense of responsibility to sustain the initiatives and attainments in a shrunk global economy. The students' improved motivation to learn apart, their creative and research acumen need to be channelised for effective pattern productions and collaboration with our national defence and civil projects. In such a context, the book which has stored the achievements of students and teachers is a welcome necessity; I congratulate the faculty involved in such a task.





FROM THE DESK OF  
**JOINT REGISTRAR**  
(Academic & Administration)

## **Dr. V. Cyril Raj**

Our university's mission is to encourage students from all disciplines to pursue a semester in any reputed international universities abroad and the credits earned are transferred. The university provides financial assistance to the deserving and meritorious students to participate in such programs. The students are also given opportunities to spend short periods either during summer or winter. Both are welcome to students and faculty.

It is my privilege and duty to congratulate the faculty who strive hard to make international agreements with other universities, based on specific courses to bring in the connection between our university and other universities abroad by way of students and faculty exchange programs. These international exchange programs enhance the scope for our students' global employability and adaptability while making our faculty strengthen their teaching skills and knowledge that they develop as resource persons in their discipline. In the context of the shrinking distance between nations due to technological advancements, online connectivity with universities abroad may be a welcome prelude to the full-fledged-exchange programs of the days to come.





FROM THE DESK OF  
**JOINT REGISTRAR**  
(HUMANITIES & SCIENCES)

## **Dr. Malini Pande**

Dr. MGR Educational & Research Institute has always believed in keeping pace with the paradigm shift in education sector. We strongly believe that integrating an international, intercultural, or global dimension into the vision & delivery of our education eco-system is imperative as the boundaries between national and global are becoming blurred. The current scenario requires career competencies and a rapidly growing vocabulary of skills to empower students to be part of the global workforce. It is the responsibility of higher education institutions to provide those skills which constitute work-preparedness and the way to achieve this is through internationalization of higher education. Trans-national corporations are moving up the global value chain and internationalization is crucial to the attainment of global career competencies. Also, successful steps towards internationalisation helps in training students to approach their own cultures and traditions in different ways and provide a unique & fresh perspective to young minds, making them more adaptable as part of the global work force.

Keeping that in perspective an exclusive “Office of International Relations” was set up in the University. The office has made tireless efforts to further the cause of internationalisation of higher education by creating enduring processes and systems to establish connections with the international community of academicians, students, and research organizations. This connect with international students enables our young minds to understand the world from vantage points beyond their own backgrounds, thus giving the student community an opportunity to learn about new cultures and countries. The Office of International Relations has initiated academic partnerships with global institutes of repute, twinning academic programs, students & faculty exchange, collaborative agreements, international research partnerships etc. They have made efforts to offer our students the best of both the worlds by internationalising higher education and making our students & academia contribute to the world, while also being shaped by it.

I convey my appreciation and congratulations to the Office of International Relations for releasing this Booklet and commend their hard work, dedication & enthusiasm in leading this University for a very pertinent cause. I applaud them for all their initiatives. All the best!!!







FROM THE DESK OF  
DEAN E&T

## Dr. Sendil Velan

Dr. M.G.R. Educational and Research Institute has been a trend setter in the higher education sector of India. We have clear cut goals in terms of offering international standards of education at afford-able cast to students, from diverse culture and different linguistic states of India. We also have taken note of the growing interest of students to study abroad and seek job opportunities in numerous countries abroad. It is a two way process that includes both teachers and students as stakeholders of the university.

The university students and Faculty exchange programs have confirmed our university's commitment to the academic development of students under different disciplines of study. These programs require students to be in the host university for a semester or one year abroad and away from their home university, sometimes with funding available. They have also been an excellent means for the sustained professional growth of faculty at different levels of professional hierarchy. Staff and students do enjoy the global connectivity and the other benefits like exposure to the currency of different countries and their cultures. This experience brings small practicalities such as dealing with foreign currencies and different bureaucratic systems that they inform their colleagues for a positive vibe in the department.





FROM THE DESK OF  
DEAN EPA

## Dr.L.Ramesh

It is my privilege and honour to appreciate the sustained efforts of the Office of International Relations in providing Faculty and Students Exchange Program with different universities abroad. The power of choice is the greatest power that we have, and when the university is offering such opportunities for exposure in a different country, you have to decide what your highest priorities are and you must have the courage to say 'no' to other things. The ability to say yes to what is important and the courage to say no comes only when you have a burning passion inside your heart for all things good and essential for your growth. Achieving success is not a cakewalk but treading on an unsupportive plain with a focus to win. With our university's encouragement, our students and teachers would definitely be focussed to earn laurels and keep our university on the limelight of success.





## FROM THE DESK OF DEAN STUDENT AFFAIRS

### **Dr.T.Felix kala**

As a person associated with the welfare of students, I feel elated to work for our institution, to create a sense of belonging, togetherness among the students and help them realize their responsibility in their autonomous growth. They should realize that we, the academics of this noble and great university, create not just their future but craft their future for great achievements. There are strong challenges to such great efforts. Never the less, it is the great effort that bears the sweetest fruits of success. Amidst great challenges like COVID-19 and its associated Lockdown, the International Relationship department has done a marvellous work in the direction of students and staff exchange program.

Apart from exposure to foreign currency and culture, the interaction with the faculty and students of another university has improved our student' confidence level and in fact motivated them for a study abroad after the completion of their current program.

I thank our Founder Chairman and President for their thoughtful implementation of various programs for the enlightenment and uplift of the student community. My congratulations to the Office of International Relations for bringing out this mammoth book.



## TABLE OF CONTENTS

CHAPTERS						Pg. No
1	OVERVIEW, VISION, MISSION & OBJECTIVES					1
2	INTERNATIONAL STUDENT AND FACULTY EXCHANGE PROGRAMS					
Ch. No.	Academic Year & Duration	Name of the Program	University, Country	Number of Participants	Name of the Participants	
2.1	27 <sup>th</sup> October to 29 <sup>th</sup> October 2017	Mozilla festival 2017	Ravensbourne University, UK	3 - Students	1) Gowtham 2) M. Jaya Preethi 3) LikithaReddy Nalubolu	2
				2 - Faculty	1) Mrs. U. Indumathi 2) Dr. P.S. Rajakumar	
2.2	11 <sup>th</sup> to 22 <sup>nd</sup> December 2017	Artificial Intelligence in Biomedical Big Data Analytics	Taipei Medical University, Taiwan	6 - Students	1) K. Muges 2) P. Suganthi 3) Mohammed Nafeel 4) A. RamyaarulRose 5) J. P. Sweatha 6) R. Sonali	8
				1 - Faculty	1) Dr. G. kalpana	
2.3	2 <sup>nd</sup> June to 4 <sup>th</sup> August 2018	Research Internship	University of North Dakota, USA	2 - Students	1) M. Jaya Preethi 2) M. Jaya Balaji	16
2.4	16 <sup>th</sup> July to 20 <sup>th</sup> July 2018	Asia Student Summit	Asia Student Summit, Seoul, South Korea	3 - Students	1) MD Jaffar Hussian 2) Kajol S Khanna 3) Mohana Preethi	19
				1 - Faculty	1)J. Sowmiya	
2.5	25 <sup>th</sup> to 30 <sup>th</sup> July 2018	Intelligent Ironman Creativity Contest 2018	National Pingtung University of science and Technology, Taipei, Taiwan	6 - Students	1)M. Shahid Modi 2)Swajay Jayanth Chaudhary 3)SathishkumarSubendran 4)Aakash Reddy Murugadasan 5) Madheshwaran.L 6)MelwinKingsly.J	22
				2 - Faculty	1) Dr.Rajeswary Hari 2) Dr. J. Arun Kumar	
2.6	29 <sup>th</sup> July to 12 <sup>th</sup> August 2018	Delightful Istanbul Summer School Program “Genetics Working with DNA”	Istanbul Ayidin University, Turkey	5 - Students	1) Mohammed Hamza.N 2) Atchaya. K 3) Kaavya.P 4) Saravanan. M 5) Prathiksha Prabhakar	27
				1 – Faculty	1)Dr.K.G. Purushotham	
2.7	26 <sup>th</sup> to 28 <sup>th</sup> October 2018	Mozilla Festival 2018	Ravensbourne University, UK	7 - Students	1)Nikita Singh 2)Nali Tejaswi 3)Sakthi Anand 4)Gokul Krishnan	31



					5)Saichaithanya Raju 6)Prasanth 7)Thomas Wilson	
				1- Faculty	1)Dr. Kanya	
2.8	18 <sup>th</sup> to 26 <sup>th</sup> January 2019	Theory and practice in Transmission and Scanning Electron Microscopy	Universiti Di Pisa, Italy	7 - Students	1) T. Shriram 2) G. Zainaf Nisha 3) Pooja pushkarani.P 4) Sarah. A.H 5) Nithya Shree.H 6) V. Dhivya 7) Raghavi Suresh	41
				1- Faculty	1) Dr. K. Gomathi	
2.9	18 <sup>th</sup> January to 1 <sup>st</sup> February 2019	BIM Technologies and Energy Efficient Buildings	St. Petersburg Polytechnic University, Russia	7-Students	1) P. Sandhya 2) E, Vignesh Kumar 3) R. Rahul 4) Mohammed Muzzamil Ahmed 5) Ajay Kumar 6) Giresht.T 7) Ramesh Gnaneswari	59
				1- Faculty	1)Dr. T. Felix Kala	
2.10	7 <sup>th</sup> February to 1 <sup>st</sup> April 2019	Artificial Intelligence Project in Connection with AI Nexus Ltd. (London)	Sheffield Hallam University, UK	4-Students	1) Mr. Charan Singh. R 2) Mr. Vijayakumar. A 3) Ms. Sadia Afreen. A 4) Ms. Akshaya.B	84
				2 - Faculty	1) Dr.T.V. Ananthan 2) Dr. T. Godhavari	
2.11	17 <sup>th</sup> to 24 <sup>th</sup> February 2019	Data Analysis and Applications using Python, Signals and Systems	Yuan Ze University, Taiwan	6 - Students	1) K. Sriram Sachin 2) C. V. Yogalakshmi 3) Suriya Prakash Rajan 4) S. P. Suresh Raj 5) P. Mathuri 6) K.S. Supraja	89
				1 - Faculty	1) Dr. Fareeza Fayaz	
2.12	26 <sup>th</sup> to 24 <sup>th</sup> July 2019	International Summer Semester Program on Artificial Intelligence	Sung KyunKwan University, South Korea	1 - Student	Mr. Edwin George Cherin	97
2.13	8 <sup>th</sup> to 30 <sup>th</sup> July 2019	Web Design	Asia University, Taiwan	4- Students	1)Arul Ganesh. R 2)Praveen Raj 3)Mohammed Aslam. I 4)Pavithran. T	100
				1 - Faculty	1)Dhanush Ram. T.P	

2.14	15 <sup>th</sup> to 26 <sup>th</sup> July 2019	Fin Tech	Asia University, Taiwan	6 - Students	1) Johnson 2) Monohar. H.G 3) Hari Prakash. A 4) Ali Asgar Khandwawala 5) Mathew Branesh. A 6) Arun . T Sojan	107
				1 - Faculty	1)Devendran . A	
2.15	16 <sup>th</sup> to 29 <sup>th</sup> July 2019	Artificial Intelligence	Asia University, Taiwan	5 - Students	1)C. N. Sakthi Gana Sundar 2)Saravana Balaji. S 3)P. Harish 4)Kundan Roy 5)V. Devendhiran	122
				1 - Faculty	1)Dr. M. Anand	
2.16	29 <sup>th</sup> July to 29 <sup>th</sup> September 2019	Research Internship in Communication Electronics Technology	Huayin Institute of Technology, China	3 - Students	1) Sai Kiran 2) Venkatraman.S 3) A. Praveen Kumar	135
2.17	1 <sup>st</sup> August to 1 <sup>st</sup> October 2019	Internship Training Course at the Faculty of Science and Marine Environment	Universiti Malaysia Terangganu, Malaysia	3 - Students	1) PruthivRajan 2) Yogesh. R 3) J. Joel	
2.18	24 <sup>th</sup> August to 16 <sup>th</sup> September 2019	Design Collaborative Summer School Program	South Ural State University, Russia	10 - Students	1) Swethaa Sri 2) A. Swetha Joseline 3) Soundharya.S 4) Antony Joe.V 5) Dhinakar. R 6) Akhilandeswari .S 7) Dhassanth. S.D 8) Hemalatha. G 9) Sharon Rose Aishwariya. J 10) Sivapathi. G. A.	139
				1- Faculty	1)Ar.Mookambika. BA	
2.19	25 <sup>th</sup> to 27 <sup>th</sup> October 2019	Mozilla Festival 2019	Ravensbourne University, UK	4 - Students	1) Sakthi anand. P 2) Vishal Kumar Pandey 3) Sahil Kumar 4) Yash Chaubey	149
2.20	13 <sup>th</sup> to 24 <sup>th</sup> January 2020	Sustainable Waste Management Including Landfill and Landfill Mining	University of Texas, Arlington, USA	4 - Students	1) U. Sathish 2) R. Rahul 3) Mohammed Muzamil Ahmed 4) E. Vigneshkumar	155
				1- Faculty	1) Dr. Edwin Thangam	
2.21	27 <sup>th</sup> January to 7 <sup>th</sup> February 2020	Winter School Program on Turbo machinery	St. Petersburg Polytechnic University, Russia	7 - Students	1)Rajeswari 2)Abishek Joshua 3)Ragul.B 4)Srinivas.R.S 5)Dependu 6)Pravesh.U 7)Sabinathan	159

				1 - Faculty	1)Bhagyalakshmi.P	
<b>3</b>	<b>SEMINAR</b>					
Ch. No.	Date	Title of the Program	Name Of Delegates / Designation	Foreign University / Institute	Country	Pg.No.
3.1	27/01/2018	Interaction with Our Students	Ms. Shruth Jaggi	Nottingham Trent University	UK	175
3.2	29/06/2018	Seminar On Information System	Dr. Pamela Abbott Senior Lecturer	University of Sheffield	UK	175
3.3	26/07/2018	Seminar on Forensic Accounting	Ms. Christina Phillipou, Director – Accounting and Financial Management	University of Portsmouth	UK	176
3.4	30/07/2018	Seminar on Complex Systems Beyond the Metaphors	Atulya K.Nagar	Liverpool Hope University	UK	176
3.5	05/09/2018	Seminar	Mrs. Denissza Blamar, International Director	Budapest Metropolitan University	Hungary	177
3.6	12/09/2018	Technical Talk on Parkinsons Disease	Technical Talk By David.P.Smith	Sheffield Hallam University	UK	177
3.7	28/11/2018	Seminar	Prof. John Lee, President and his Regional Director	Kyundong University	South Korea	178
3.8	04/12/2018	Seminar	Ms. Anna Toyne, Asia regional head	Sheffield Hallam University	UK	178
3.9	14/12/2018	Seminar	Dr. Brayan Gardiner, Ms. Lesana Hraskowa – Regional Manager and Mr. Selvan David Noel, Country Manager	Ulster University	UK	179
3.10	07/02/2019	Seminar	Prof. Antonino German - vice Rector Internationalization and Francesca Scribano - International Head	University Of Messina	Italy	179
3.11	13/02/2019	Seminar	Dr. Prakash Ranganathan, Director of cyber Security	University of North Dakota	USA	180
3.12	16/02/2019	Seminar	Associate Professor Jens Bo Holm-Nielsen	Aalborg University	Denmark	180
3.13	18/02/2019	Seminar	Ms. Dawn day, International Admission Counselor	Oklahoma University	USA	181
3.14	19/02/2019	Seminar	1) Prof.Chang hsueh-wei, Dean College of Life Science and 2) Prof.Sodio HSU, Chih-Neng - Chairman along with Thirteen Professors from various departments of KMU and	1) Kaohsiung Medical University 2) Kaohsiung Medical University 3) Taipei Economic and Cultural Centre	1) Taiwan 2) Taiwan 3)Chennai	181

			3) Mr. Charles Li , Director General			
3.15	19/02/2019	Seminar by Byju's	Mr. Nandha kumar Manager	BYJU's app	Chennai	182
3.16	20/02/2019	IDP	Higher Education Opportunities in Us	Canada, UK and Australia	Chennai	182
3.17	22/02/2019	Seminar	Paul Hannais	Ulster University	UK	183
3.18	26/02/2019	International Seminar	Dr. Lynda partridge, Dr.Pattanathu Rahman	University of Sheffield, Teesside University,	UK	183
3.19	13/03/2019	Video Conference	Dr. Julian Coleman	University of Bolton	UK	184
3.20	10/04/2019	International Seminar	Associate Professor Fulvio Mastrogiovanni (Automation and Robotics) then it was contained by Laura Barrago Head of International Activities	Università degli Studi di Genova	Italy	184
3.21	24/04/2019	AICTE Indian Taiwan Seminar	Dr. Neetu Bhagat – Deputy Director	Policy & Academic Planning Bureau, AICTE	Delhi	185
3.22	30/04/2019	International Seminar	Dr. ANNA ESAKI, Smith Director, International Student Recruitment & Partnership Development	University of California	Berkley	185
3.23	12/06/2019	Seminar	Lecture on applied Energy to Solve Real World Energy Problems by Dr. Abhishek Asthana -Director of Hallam Energy	Sheffield Hallam University	UK	186
3.24	28/06/2019	International Seminar	Dr. JOANNE CLARKE, Lecturer- Collaborative course leader SHAPE,	Sheffield Hallam University	UK	186
3.25	07/08/19	International Seminar on Global Innovation and IP Commercialization	Mr. Kameshwar Eranki is Founder & CEO	Vajra Soft Incorporated Company	USA	187
3.26	27/09/2019	MOU Signing and International Seminar by the Delegates of Huaiyin Institute of Technology, China	Mr. XU Xiaomei- Director of International Cooperation and Exchange office	Huaiyin Institute of Technology	China	187
3.27	12/10/2019	International Science Expo	Mr. Gennady Rogalev, Director Russian Centre of Science	Russian Centre of science and culture	Chennai	188
3.28	13/02/2020	Network Meeting	Dr. Jerome Bove	France Universities, Hyatt Regency, Teynampet,	Chennai	189
3.29	26/02/2020	Seminar	Prof.Tim Senden, Australasian national university and Brendan smith, Commissioner for International Engagement, Tim Beresford, Global	Australian High Commission	Mumbai	189



			client services, Australian trade and investment commission, Peter Coleman, trade commissioner, Australian government, Lawrence Pratchett, university of Canberra , prof. Mathew Gillespie, Vice Provost, Monash university.			
3.30	14/04/2020	Premedical and Health Studies	Mr. Christina Cormier, Associate Director	MCPHS	USA	190
3.31	12/05/2020	Artificial Intelligence in Autonomous Mobile Robotics	Dr. Masoumeh Mansouri	University of Birmingham	UK	190
3.32	13/05/2020	International Webinar on Microelectronics	Dr. Rishad Sheik	Newcastle university	UK	191
3.33	14/05/2020	International Webinar on Hunger Cycle by	Ms. DharshiniRaju	University of Camerino	Italy	191
3.34	09/06/2020 to 13/06/20	<b>Multi Dimensional Scaling From Science to Technology</b>				
		3.34.1 Research & Academic Opportunities in KMU, Taiwan	Dr. Vinoth Kumar	KMU	Taiwan	192
		3.34.2 Mentoring Students towards higher studies, Research and Entrepreneurship	Dr. Harshan Namboothiri, Happiens Digitals	Happiens Digitals	USA	
		3.34.3 Applying Artificial Intelligence and Machine Learning to MMA	Dr. N. Krishna Kumar Silicon Valley, USA	Silicon Valley	USA	
		3.34.4 Leveraging cloud computing Technologies to Multi Messenger Astronomy	Mr. Rajesh Kumar, Oracle Finance Service	Oracle Finance Service	Bangalor	
		3.34.5 Recent Advancement in Deep Learning Research	Dr. K. Bhanuprakash, Research Group head, KL University	KL University	Guntur	
3.35	26/06/2020	International webinar on “Research Route from Vertical Aligned Nano Composites to Nanoporous Fibres”	Dr. Lee Oon Jew – Associate Professor faculty of Science and Marine Environment	Universiti, Terengganu Malaysia	Malaysia	194
3.36	01/07/2020 to 05/07/2020	<b>International Webinar Series on “Futuristic Trends in Engineering and Its Evolving Career Prospects”</b>				
		3.36.1 Design of next gen Tissue Engineering Application using Bacterial Plastic	Dr. Vigneswari, Faculty of Science & Marine Environment	Universiti Malaysia Terengganu	Malaysia	193
		3.36.2 Variations in PCR	Ms. Kavitha Annaimallur Mani, Dept of Bio Tech	University of Houston Clear Lake	Texas	
		3.36.3 IN Vehicle CAN Bus/ LIN Bus	Dr. Jing Jon Tang & Dr. B. V. Prasad, Dept of Electrical Engg	Taiwan University of Science and Technology	Taiwan	

		3.36.4An overview of Electronic cooling strategies	Mr. Vipin Shalom Simon, Department of Mechanical Engg	The University of Texas	Arlington	
		3.36.5 BIM & Virtual Reality in Construction	Mr. Lokesh Mani, Department of Civil Engg	The University of Texas	Arlington	
3.37	18/07/2020	International Webinar on Data Science and its uses in Life Science	Ms.Priyanka Paul	RWTH Uniklink Aachen	Germany	194
3.38	28/07/2020	National Level Webinar on Social Entrepreneurship Opportunities and Challenges	Prof. Dr.Hafeez Basha, President and CEO	BRCORP	Hyderabad	195
3.39	01/08/2020	International Webinar Automotive & Spare Parts	Mr. Georg M sehulligen	Mercedes – Benz	Germany	195
3.40	13/08/2020	International Webinar Thermal Management for Electronics	Dr. R. Panneer Selvam	University of Arkansas	USA	196
3.41	01/10/2020	Virtual Mobility and International Webinar on Photonics Devices – Linear and Nonlinear Applications	TS Dr. Fariza Hanim Binti Suhailin	Universiti Malaysia Terengganu	Malaysia	196
3.42	20/10/2020	Bio-Entrepreneurship Relationship between Science and Business	Ms. Kotagiri Venkata Sai Jyothirmai	Copenhagen business School	Denmark	197
3.43	22/10/2020	Higher Studies In UK & Ireland Post Covid 19 Pandemic	Mohammed Hashique.M,	SI-UK	Chennai	197
3.44	27/10/2020	Advanced Computing Data Science and Cyber security	Dr. Stephen Laycock and Dr. Beatriz de la Iglesia Mr. Oliver Buckley	University of East Anglia	UK	198
3.45	27/10/2020	Program of Educational Exhibition go to Russia for Education	Filonova Olga Aleksandrovna	Head of the Department for Implementation of Projects in the Sphere of Science and Education of Rossotrudnichestvo	Russia	198
3.46	12/11/2020	Panel Discussing on Atmanirbhar Bharat	1)Mr.Murugan.M 2)Mr. Hafeez Basha 3)Mr.ARSowmya 4)Narayannan 5)Mr. Nithish Raj. P	1) VST Titanium 2)Motors, Mercedes, 3)BRCORP 4) Anuman Tech 5) Invest Utilize	1)Chennai 2)Hyderabad 3)Chennai 4)Chennai 5) Chennai	199
3.47	18/11/2020	Higher Education Opportunities in Germany	Ms. Niketha Dedhia	Exponent consultancy Services	USA	199
3.48	27/11/2020	Discussing Issues Related to 12th BRICS Summit	1)Mr. A.A. Chernov 2)Air Marshal, M. Matheswaran, 3)Mr. Muthu Kumar, 4) Mr. Shri Aladiyan Manickam, 5) Mr. Manivnnan.	1)Consul of Russian Fedration in Chennai 2)The Peninsula Foundation 3)The Trinity Mirror 4)Ex-ambassador of India to Finland 5)University of Madras	1)Chennai 2)Chennai 3)Chennai 4)Chennai 5)Chennai	200
3.49	05/06/2018	International Admissions	Mr. Dilip Kumar, International Admissions Manager	Anglia Ruskin University, Chelmsford	UK	200

3.50	10/10/2018	Delegates from French Embassy	-	French Embassy	French	201
<b>4</b>	<b>MOU SIGNING CEREMONY</b>					
<b>Ch. No.</b>	<b>Date</b>	<b>Title of the Program</b>	<b>Name Of Delegates</b>	<b>Foreign University</b>	<b>Country</b>	<b>Pg.No.</b>
4.1	University of South Australia					202
4.2	University of RAK					203
4.3	26/09/2017	MOU Signing	Mr. Sunny Lee	Ming Chi University	Taiwan	204
4.4	21/11/2017	MOU Signing	Dr. Daniel Chatham - Associate Dean	Namseoul University	South Korea	204
4.5	30/11/2017	MOU Signing	Mr. M. Mayilsamy, Manager – business Development	Hiyoshi India Ecological Services Pvt. Ltd	India	205
4.6	01/03/2018	MOU Signing	Mr. Megat Nazahar – Director Business Development & International Affairs	AIMST University Malaysia	Malaysia	205
4.7	13/07/2018	MOU Signing	Mr. Austin Brown – Regional Director and Dr. Fang Cai – Deputy Dean	Anglia Ruskin University	UK	206
4.8	15/07/2018	MOU Signing	Dr. Theyvendran	MDIS	Singapore	206
4.9	27/07/2018	MOU Signing	Mr. Yinghuei Chen	Asia University	Taiwan	207
4.10	04/10/2018	MOU Signing	Delegates	Yuan ze University	Taiwan	207
4.11	17/12/2018	MOU Signing	Delegates	I-Shou University	Taiwan	208
4.12	17/12/2018	MOU Signing	Ms. Chang and Dean Mr. Chris	CTBC Bussiness School	Taiwan	208
4.13	19/02/2019	MOU Signing	1)Prof. Chang hsueh – Wei, Dean College of Life Science and 2)Prof. Sodio HSU, Chih-Neng – Chairman along with Thirteen Professors from various departments of KMU and 3)Mr. Charles Li, Director General – Taipei Economic and cultural centre	KMU	Taiwan	209
4.14	27/09/2019	MOU Signing	Xu Xiaomei –Director of International Cooperation and Exchange Office, Dr. Su – Qun Cao – Professor Dean of Electronic Information Engineering	Huaiyin Institute of Technology	China	210

4.15	20/11/2019	MOU Signing	1)Dr. Hilmi Mukhtar- Deputy Vice chancellor 2)Mr. Zaimizi Hamdani – Director of Institute of Autonomous System and Assoc.Prof. 3)Dr.Vijanth Sagayan - Director of Institute of Autonomous System	Institute of Technology Petronas,	Malaysia	211
<b>5</b>	<b>MEETING WITH DELEGATES</b>					
Ch. No.	Date	Title of the Program	Name Of Delegates	Foreign University	Country	Pg.No.
5.1	Founder Chancellor with Visiting Dignitaries to our University					212
5.2	07/09/2017	Meeting with Delegates	1)Dr. Yasuaki Maeda 2)Mr. Tadashi Suzuki – Senior Managing Director and 3)M. Mayilsamy	1) Osaka Prefecture University 2)Hiyoshi Corporation, Japan 3) Hiyoshi India	1)Japan 2)Japan 3)India	213
5.3	07/09/2017	Meeting with Delegates	Ms. Ms. Kai-Yun Peng Senior Mandarin Instructor	Taiwan Education Centre	IIT Madras	213
5.4	19/02/2018	Meeting with Delegates	Prof. Cecilia, Gayon- Area Manager	Studialis	France	214
5.5	24/02/2018	Meeting with Delegates	Ms. Sally Rumbles	University of Portsmouth	UK	214
5.6	24/02/2018	Meeting with Delegates	Ms. Michelle Duncan	Robert Gordon University	UK	215
5.7	04/05/2018	Meeting with Delegates	Mr. Halimah Yacob,	Nanyang Technological University	Singapore	215
5.8	15/05/2018	Meeting with Delegates	Dr. Stephen Kerr- Associate Dean of Pharmacy	MCPHS University	Boston	216
5.9	5/06/2018	Meeting with Delegates	Mr. Dilip Kumar	International Admissions Manager Anglia Ruskin University	Chelmsfor, UK	-
5.10	27/07/2018	Meeting with Delegates	Han-Sun Chiang – President	Fu Jen Catholic University	Taiwan	216
5.11	01/09/2018	Meeting with Delegates	Mr. Karthikeyan	Australian Embassy	Chennai	217
5.12	01/09/2018	Meeting with Delegates	Ms. Vimala	British Embassy	Chennai	217
5.13	21/09/2018	Meeting with Delegates	Professor and Director Dr. His – An Shih	National Cheng Kung, University	Taiwan	218
5.14	06/10/2018	Meeting with Delegates	Ms. Emma Bogantseva- International Development Manager	University of Hull	UK	218

5.15	08/10/2018	National Taiwan Day celebration	Mr.Charles Li -Director General	Taipei Economic and cultural centre	Chennai	219
5.16	10/10/2018	Meeting with Delegates	Delegates from French Embassy	French Embassy	Chennai	-
5.17	02/11/2018	Meeting with Our Delegates	Mr. Achim Fabig – Consulate General Germany	Federal Republic of Germany	Chennai	219
5.18	14/12/2018	Meeting with Delegates	Mr. Megatnazahar and Other Officials	AIMST University	Malaysia	220
5.19	17/12/2018	Meeting with Delegates	Mr. T.K Peng	I – Shou University	Taiwan	220
5.20	17/12/2018	Meeting with Delegates	Delegates	Tsing Hua University	Taiwan	221
5.21	16/02/2019	Meeting with Delegates	Jens Bo Holm- Nielsen	Aalborg University	Denmark	221
5.22	09/09/2019	Meeting with Delegates	Mr. Oleg N. Avdeev - Consulate General of the Russian Federation	Russia	Chennai	222
5.23	04/12/2019	Meeting with Delegates	Ms. Margaret Faux, Founder, CEO	ACHSM,	Australia	222
5.24	04/12/2020	Meeting with Delegates	Mr. Young Seup Kwon	Consul General-Korea	Chennai	223
5.25	23/12/2020	Russia – India Public diplomacy in action	Mr. Kennedy Rogalev- Director	Russian Centre Science Culture	Chennai	223

6 NATIONAL AND INTERNATIONAL CONFERENCES						
Ch. No.	Date	Title of the Program	Department	Name of Delegates	Pg.No.	
6.1	30/10/2018 to 31/10/2018	HETICON'18 – International Conference on Role of Technology in Shaping Future of Health care	Medicine, Pharmacy, Nursing, Physiotherapy, Allied health sciences and Biotechnology	1) Mr.Charles Li – Director general Taipei Economic and Cultural Centre 2) Mr.Saravanan Karthikeyan – Consul general of Malaysia and 3) Prof. J. Ranganathan Consul of Myanmar inaugurated.	224	
6.2	09/04/2018 to 10/04/2018	NCICT 2018 – National Conference on “Innovative Computing Techniques”	CSE & IT	1)Mr. Achim Fabig – Consulate General	225	
6.3	23/09/2019 to 24/09/2019	KALAM19 - National technical symposium on Cyborg	ECE	1)Mr.Oleg N Avdeev – Consul General of Russian federation 2)Mr. Gennady Rogalev – Director of Russian Centre of Science and Culture.	226	

7	AWARDS & ACHIEVEMENTS					
7.1 “Data Analysis and Applications Using Python, Signals and Systems” Yuan Zee University Taiwan						
Ch. No.	Year	Name of the Student	Department	University	Tuition Waiver Scholarship	Pg.No.
7.1.1	2019	1) Sriram Sachin .K 2) Yogalakshmi B.V. 3) Suresh Raj S P 4) Mathuri P 5) Supraja K S	EEE	Yuan Ze University	1)Sriram – 50% 2)Yogalakshmi – 50% 3)Suresh Raj – 100% 4) Mathuri – 20% 5)Supraja – 20%	227

<b>7.2 Asia Student Summit Seoul, South Korea</b>						
Ch. No.	Year	Name of the Faculty	Department	University	Award	Pg.No.
7.2.1	2018	1)MD Jaffar Hussainn 2)Kajol S Khanna 3)Mohana Preethi	MBA	Asia Student Summit Seoul , South Korea	1)Jaffer Won the Social media award. 2)Kajol Won the best presenter award 3)Mohana Preethi Won the most active delegate of the Asia Student Summit.	231

<b>7.3. Intelligent Ironman Creativity Contest – Ministry Of Education, Taiwan</b>						
Ch. No.	Year	Name of the Faculty	Department	University	Amount	Pg.No.
7.3.1	2018	1)Dr. Rajeswary Hari 2)Dr. J. Arun Kumar	Biotechnology	Intelligent Ironman Creativity Contest – Ministry of Education, Taiwan	5000 NT\$	232

<b>7.4. TECC IN INDIA &amp; Ministry of Education Taiwan Scholarship</b>						
Ch. No.	Year	Name of the Student	Department	University	Pg.No.	
7.4.1	2019	Sureshraj Sellamathu Palanisamy	Mechanical	Yuan Ze University	233	
7.4.2	2019	Satishkumar Subendran	EEE	National Cheng kung University		
7.4.3	2020	Prathiksha Prabhakar	BT	Taipei Medical University		
7.4.4	2020	Naim Sarkar	CSE	National Chiao Tung University		

<b>8</b>	<b>MEDIA</b>	236
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# INTERNATIONAL RELATIONS

## Overview

DR. MGR Educational and Research Institute, Deemed to be University, is a trendsetter in the sphere of deemed universities for setting high standards of education, exciting opportunities and excellent placement. In order to retain its national image in the educational sphere, the University has commenced an initiative for its students. This enables the students to pursue their course outside the University and also get exposure to intercultural environment.

As part of this initiative students are free to choose a minimum of two courses in a foreign university during a semester. It is also mandatory for them to choose a research topic and complete the project report and present the findings to the foreign university. The assessment provided by the foreign faculty will be added to their course credits for the award of the degree.

The advantages of this approach are:

- Opportunity to work in an intercultural environment
- Opportunity to work with a faculty in a foreign university
- Provides a launch pad for future research
- Develop personality, imbibe research and documentation skills

## Vision

Exploration gives birth to ideologies, ideologies turn into innovations, innovations made today make a better future and a comfortable life today. Our vision is to engage students in International Programs and develop them with different paradigm thought processes.

## Mission

- To reach out the corners of the World and get the most for our students to explore and learn in their field.
- To bring eminent personalities from across the Globe to interact with our students for inspiring them with ideas for their capstone project.
- To Facilitate Memoranda of Understanding (MOU) between our University and internationally institutes of excellence.

## Objectives

- Implement the Summer School, Winter School, Semester Abroad programme and twinning program.
- Facilitate Memoranda of Understanding (MoU) Between MGR and Internationally Renowned Institutes of Excellence.
- Coordinate research visits of graduate students for their project.
- Develop Bilateral Programmes Facilitating Exchange of Academic faculty abroad programs.
- Establish centre of Excellence by identifying focused area of research which are beneficial to both India and the host country.
- Evolve knowledge management repository which will aid as a reference for both students and faculty.

## STUDENT AND FACULTY EXCHANGE PROGRAMS

<b>Title of the Program</b>	Mozfest2017
<b>University and Country</b>	Ravensbourne university, London UK
<b>Date</b>	27th -29th October 2017



### **Dr. M.G.R. Mozilla ClubMGR@Mozfest2017 LONDON**

We created AR characters and developed an interactive game using the Augmented reality technology from unity. Tools in Mozilla web browsers were utilized and how to script Web Pages using the tools provided by them.

This page lists the various development tools that we operate and/or maintain here at mozilla.org. Naturally, source code for all of these tools is also available. The tools needed to build Mozilla are described on the build page for your platform.

Mozilla Source Code (Mercurial and CVS)	"Trunk" development for Gecko 1.9.1/Firefox 3.5 and beyond uses the Mercurial source code version control system. Earlier releases and other products use the CVS version control system. If you are doing active development, checking out source code from one of these is preferable to downloading an archived snapshot, as you get up-to-the-minute changes.
MXR	You can browse the up-to-the-minute latest version of the source code online through a massively-hyperlinked source code browser (based on LXR) that lets you cross-reference function and variable names.
Bonsai	Bonsai is tree control (get it?). It is our home-grown web-based tool for watching the up-to-the-minute goings-on in our CVS repository (viewing checking and log messages, reading diffs, etc.)
Tinderbox	Tinderbox is for knowing when the tree is in flames. It is our home-grown web-based tool for watching the progress of the continuous builds that we run on multiple platforms. It is how we are able to tell when a check in has broken the build on some platform, and how we know which person needs to be viciously flogged.
Bugzilla	Bugzilla is where developers can report bugs in the Mozilla source releases, and browse

Doctor

an online database of already-reported bugs.

Doctor is a web interface to CVS. It lets developers and others edit pages on the mozilla.org web site without having to use CVS. Doctor lets you edit pages in WYSIWYG mode if the pages contain the `<?doctor enable_wysiwyg_mode ?>` processing instruction. Access Doctor by clicking the "Edit this Page" link at the bottom of any mozilla.org web page.



29th September 2017

Mozilla  
441 Metal Box Factory  
30 Great Guildford Street  
London  
SE1 0HS

Subject: Confirmation letter of participation

To whom it concerns,

This letter is to certify that GOWTHAM, from Dr.M.G.R. Educational and Research Institute University is participating at Mozilla Festival 2017 in London from the 27 -29 October 2017.

The festival will take place in Ravensbourne College, 6 Penrose Way, Greenwich Peninsula, London SW10 0EW.

GOWTHAM is a valuable member of the Mozilla community and a unique contributor to the event. Their participation is essential to a successful event and we look forward to their arrival in London.

If you have any questions regarding the event or about this person's invitation, please do not hesitate to contact me on the number below.

For questions regarding the Mozilla Festival: [festival@mozilla.org](mailto:festival@mozilla.org)

Regards,

A handwritten signature in black ink, appearing to read "Sarah Allen".

Sarah Allen  
Mozilla Festival Producer  
+44 (0)77 4378 2394

Mozilla is a global, nonprofit organisation dedicated to making the Web better. We emphasise principle over profit, and believe that the Web is a shared public resource to be cared for, not

# moz://a festival

29th September 2017

Mozilla  
441 Metal Box Factory  
30 Great Guildford Street  
London  
SE1 0HS

Subject: Confirmation letter of participation

To whom it concerns,

This letter is to certify that JAYA PREETHI, from Dr.M.G.R. Educational and Research Institute University is participating at Mozilla Festival 2017 in London from the 27 -29 October 2017.

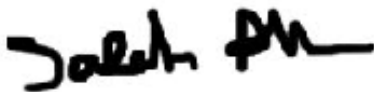
The festival will take place in Ravensbourne College, 6 Penrose Way, Greenwich Peninsula, London SW10 0EW.

JAYA PREETHI is a valuable member of the Mozilla community and a unique contributor to the event. Their participation is essential to a successful event and we look forward to their arrival in London.

If you have any questions regarding the event or about this person's invitation, please do not hesitate to contact me on the number below.

For questions regarding the Mozilla Festival: [festival@mozilla.org](mailto:festival@mozilla.org)

Regards,



Sarah Allen  
Mozilla Festival Producer  
+44 (0)77 4378 2394

Mozilla is a global, nonprofit organisation dedicated to making the Web better. We emphasise

# moz://a festival

29th September 2017

Mozilla  
441 Metal Box Factory  
30 Great Guildford Street  
London  
SE1 0HS

Subject: Confirmation letter of participation

To whom it concerns,

This letter is to certify that LIKHITHA REDDY NALUBOLU, from Dr.M.G.R. Educational and Research Institute University is participating at Mozilla Festival 2017 in London from the 27 -29 October 2017.

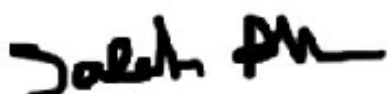
The festival will take place in Ravensbourne College, 6 Penrose Way, Greenwich Peninsula, London SW10 0EW.

LIKHITHA REDDY NALUBOLU is a valuable member of the Mozilla community and a unique contributor to the event. Their participation is essential to a successful event and we look forward to their arrival in London.

If you have any questions regarding the event or about this person's invitation, please do not hesitate to contact me on the number below.

For questions regarding the Mozilla Festival: [festival@mozilla.org](mailto:festival@mozilla.org)

Regards,



Sarah Allen  
Mozilla Festival Producer  
+44 (0)77 4378 2394

Mozilla is a global, nonprofit organisation dedicated to making the Web better. We emphasise



# moz://a festival

29th September 2017

Mozilla  
441 Metal Box Factory  
30 Great Guildford Street  
London  
SE1 0HS

Subject: Confirmation letter of participation

To whom it concerns,

This letter is to certify that INDUMATHI, from Dr.M.G.R. Educational and Research Institute University is participating at Mozilla Festival 2017 in London from the 27 -29 October 2017.

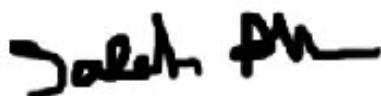
The festival will take place in Ravensbourne College, 6 Penrose Way, Greenwich Peninsula, London SW10 0EW.

INDUMATHI is a valuable member of the Mozilla community and a unique contributor to the event. Their participation is essential to a successful event and we look forward to their arrival in London.

If you have any questions regarding the event or about this person's invitation, please do not hesitate to contact me on the number below.

For questions regarding the Mozilla Festival: [festival@mozilla.org](mailto:festival@mozilla.org)

Regards,



Sarah Allen  
Mozilla Festival Producer  
+44 (0)77 4378 2394

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# moz://a festival

29th September 2017

Mozilla  
441 Metal Box Factory  
30 Great Guildford Street  
London  
SE1 0HS

Subject: Confirmation letter of participation

To whom it concerns,

This letter is to certify that PALAMADAI SUBRAMANIAN RAJAKUMAR, from Dr.M.G.R. Educational and Research Institute University is participating at Mozilla Festival 2017 in London from the 27 -29 October 2017.

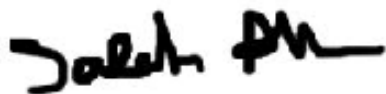
The festival will take place in Ravensbourne College, 6 Penrose Way, Greenwich Peninsula, London SW10 0EW.

PALAMADAI SUBRAMANIAN RAJAKUMAR, is a valuable member of the Mozilla community and a unique contributor to the event. Their participation is essential to a successful event and we look forward to their arrival in London.

If you have any questions regarding the event or about this person's invitation, please do not hesitate to contact me on the number below.

For questions regarding the Mozilla Festival: [festival@mozilla.org](mailto:festival@mozilla.org)

Regards,



Sarah Allen  
Mozilla Festival Producer  
+44 (0)77 4378 2394

Mozilla is a global, nonprofit organisation dedicated to making the Web better. We emphasise

## STUDENT AND FACULTY EXCHANGE PROGRAMS

<b>Title of the Program</b>	Artificial Intelligence in Biomedical Big Data Analytics
<b>University and Country</b>	Taipei Medical University, Taiwan
<b>Date</b>	11th December to 22nd 2017



### Big Data Analytics

The exponential growth in data is here to stay. Big data is not just a buzzword anymore, but a new reality of the business framework. The volume, velocity and variety of data is changing so rapidly that now uncovering actionable insights from data requires a well-planned Big Data strategy.

A well-executed Big Data program provides the opportunity to reap the benefits from analysis of information streams and a consultative approach assists businesses in:

- Uncovering hidden opportunities for selling
- Minimizing Risk
- Optimizing supply chain management
- Improving forecasting
- Tracking key performance indicators

Our training on big data will enable us to:

- Conduct workshops for assessing data management capabilities and challenges
- Define business cases and articulate business value
- Provide comprehensive understanding of Big Data and business use cases
- Conduct technology evaluation and derive Proof of Concept

Advantages

- Save Time: Technical evaluation and rapid piloting
- Save Money: Reduce cost on initial investment and maintenance on IT Infrastructure



- Improve Quality: Leverage robust infrastructure, skilled resources and solution accelerator to improve quality.





臺北醫學大學  
TAIPEI MEDICAL UNIVERSITY

證 書

茲證明 P. Suganthi 君 於民國 106 年 12 月 11 日至 12 月 22 日，參加  
臺北醫學大學所舉辦之 *International Honors Program: AI, Big Data, and  
Biomedical Technologies in Health care*，課程共計 2 週。

**Certification of Completion**

This is to certify that P. Suganthi has successfully completed *International Honors Program: AI, Big Data, and Biomedical Technologies in Health care* held by Taipei Medical University between December 11 and December 22, 2017.

臺北醫學大學國際事務處  
Office of Global Engagement  
Taipei Medical University







臺北醫學大學

TAIPEI MEDICAL UNIVERSITY

證書

茲證明 S. Mohamed Nafeel 君 於民國 106 年 12 月 11 日至 12 月 22 日，  
參加臺北醫學大學所舉辦之 *International Honors Program: AI, Big Data,*  
*and Biomedical Technologies in Health care*，課程共計 2 週。

**Certification of Completion**

This is to certify that S. Mohamed Nafeel has successfully completed  
*International Honors Program: AI, Big Data, and Biomedical Technologies in*  
*Health care* held by Taipei Medical University between December 11 and  
December 22, 2017.

臺北醫學大學國際事務處  
Office of Global Engagement  
Taipei Medical University







# 臺北醫學大學 TAIPEI MEDICAL UNIVERSITY

## 證書

茲證明 A. Ramyaarul rose 君 於民國 106 年 12 月 11 日至 12 月 22 日，  
參加臺北醫學大學所舉辦之 *International Honors Program: AI, Big Data,  
and Biomedical Technologies in Health care*，課程共計 2 週。

## Certification of Completion

This is to certify that A. Ramyaarul rose has successfully completed  
*International Honors Program: AI, Big Data, and Biomedical Technologies in  
Health care* held by Taipei Medical University between December 11 and  
December 22, 2017.

臺北醫學大學國際事務處  
Office of Global Engagement  
Taipei Medical University





# 臺北醫學大學 TAIPEI MEDICAL UNIVERSITY

## 證 書

茲證明 J.P. Sweatha 君 於民國 106 年 12 月 11 日至 12 月 22 日，參加  
臺北醫學大學所舉辦之 *International Honors Program: AI, Big Data, and  
Biomedical Technologies in Health care*，課程共計 2 週。

## Certification of Completion

This is to certify that J.P. Sweatha has successfully completed *International Honors Program: AI, Big Data, and Biomedical Technologies in Health care* held by Taipei Medical University between December 11 and December 22, 2017.

臺北醫學大學國際事務處  
Office of Global Engagement  
Taipei Medical University







# 臺北醫學大學 TAIPEI MEDICAL UNIVERSITY

## 證書

茲證明 R.Sonali 君 於民國 106 年 12 月 11 日至 12 月 22 日，參加臺北醫學大學所舉辦之 *International Honors Program: AI, Big Data, and Biomedical Technologies in Health care*，課程共計 2 週。

### Certification of Completion

This is to certify that R.Sonali has successfully completed *International Honors Program: AI, Big Data, and Biomedical Technologies in Health care* held by Taipei Medical University between December 11 and December 22, 2017.

臺北醫學大學國際事務處  
Office of Global Engagement  
Taipei Medical University





# 臺北醫學大學 TAIPEI MEDICAL UNIVERSITY

## 證 書

茲證明 Dr. G. Kalpana 君 於民國 106 年 12 月 11 日至 12 月 22 日，參加臺北醫學大學所舉辦之 *International Honors Program: AI, Big Data, and Biomedical Technologies in Health care*，課程共計 2 週。

## Certification of Completion

This is to certify that Dr. G. Kalpana has successfully completed *International Honors Program: AI, Big Data, and Biomedical Technologies in Health care* held by Taipei Medical University between December 11 and December 22, 2017.

臺北醫學大學國際事務處  
Office of Global Engagement  
Taipei Medical University





## STUDENT AND FACULTY EXCHANGE PROGRAMS

<b>Title of the Program</b>	Research Internship
<b>University and Country</b>	University of North Dakota, USA
<b>Date</b>	2nd June to 4th August 2018



### Probabilistic Graphical Method for Smart Grid sets

The Purpose of Visit to the University of North Dakota, Grand Forks, North Dakota , USA is to learn, observe, gain and work in the one of University's project which is based on the Data Science and Machine Learning using Python and R Programming. The aim of the project is to represent the Graphical Information of the Wind Generation with the datum of the major cities in USA by the Probabilistic Models using Python and R Programming. We also had a chance to explore ourselves and to represent the University of North Dakota and Dr.M.G.R Educational and Research Institute at World Computer Science Congress 2018 which was held at Hotel Luxor , Las Vegas , Nevada , USA. Paper Presentation was also done in the World Computer Science Congress 2018 under the Topic of Smart Home Vulnerabilities and Comprehensive survey on Wireless Vulnerabilities through the OSI and IEEE Model.

## Certificate of Presentation

This is to certify that

**Jaya Preethi Mohan**

has presented the paper entitled

***A Comprehensive Survey on Wireless Vulnerabilities Through the OSI and IEEE Model***

**at The 2018 International Conference on Modeling, Simulation & Visualization Methods (MSV'18)**

held simultaneously with 19 other joint conferences as part of

The 2018 World Congress in Computer Science, Computer Engineering, and Applied Computing  
(CSCE'18) at the Luxor Hotel, Las Vegas Nevada, USA  
July 30 – August 02, 2018

**Official Seal**  
*Kaveh D. Arbtan*  
Kaveh Arbtan on behalf of Steering Committee



**CSCE'18**  
July 30 - 02, 2018  
Luxor Hotel  
Las Vegas Nevada, USA  
americancse.org/events/cse2018

**UND** UNIVERSITY OF  
**NORTH DAKOTA**



## CERTIFICATE

Awarded to the Exchange Scholars from MGR University, Chennai India

**JAYA PREETHI MOHAN**

for successfully completing a Research Project titled "Probabilistic Graphical Method for Smart Grid Data Sets" during Summer 2018 at the UND campus, Grand Forks, North Dakota, USA.

*Prakash Ranganathan*

Dr. Prakash Ranganathan, Director for DECS Laboratory



ELECTRICAL ENGINEERING DEPARTMENT  
JPSON HALL II ROOM 160  
243 CENTENNIAL DRIVE STOP 7165  
GRAND FORKS, ND 58202-7165



## CERTIFICATE

Awarded to the Exchange Scholars from MGR University, Chennai India

**JAYA BALAJI MOHAN**

for successfully completing a Research Project titled " Probabilistic Graphical Method for Smart Grid Data Sets" during Summer 2018 at the UND campus, Grand Forks, North Dakota, USA.

*Prakash Ranganathan*

Dr. Prakash Ranganathan, Director for DECS Laboratory



DATA, ENERGY,  
CYBER AND SYSTEMS

DECS

ELECTRICAL ENGINEERING DEPARTMENT  
UPSON HALL B ROOM 150  
243 CENTENNIAL DRIVE STOP 706  
GRAND FORKS, ND 58202-7165

## Certificate of Presentation

This is to certify that

**Jayabalaji Mohan**

has presented the paper entitled

**Smart Home Vulnerabilities - A Survey**

at: **The 2018 International Conference on Embedded Systems, Cyber-physical Systems, & Applications (ESCS'18)**

held simultaneously with 19 other joint conferences as part of

The 2018 World Congress in Computer Science, Computer Engineering, and Applied Computing (CSCE'18) at the Laxor Hotel, Las Vegas Nevada, USA

University Conference Management  
Systems & Support

July 30 - August 02, 2018

Official Seal

*Kaveh D. Arbatan*

Kaveh Arbatan on behalf of Steering Committee



CSCE'18

July 30 - 02, 2018

Laxor Hotel

Las Vegas Nevada, USA

[www.ccs.cmu.edu/csce2018](http://www.ccs.cmu.edu/csce2018)

## STUDENT AND FACULTY EXCHANGE PROGRAMS

<b>Title of the Program</b>	Asia student summit
<b>University and Country</b>	Asia Student Summit, Seoul, South Korea
<b>Date</b>	16th July to July 20th 2018



### Asia Student Summit, Seoul South Korea

Asia Student Summit is an annual event is organized by International Global Network. This event acts as a platform for the youth across the globe to widen their perspective about education and career through study visit, company visit, and symposium. Our Dr MGR Educational and Research Institute MBA students participated in this program and won awards and laurels for our institution. MD Jaffar Hussain N won the social media award. Mohana Preethi U won the most active delegate of the Asia Student Summit award. They were in the same group together named “Lucky Stars”. Kajol.S. Khanna won the Best Presenter award and her group name was “Octten”. Among the 160 delegates from all over the world our students won the awards which are an amazing achievement. Our Honorable President Sir, Er.A.C.S.Arunkumar has been a great pillar of support to make this program a grand success.





Certificate of Appreciation  
This certificate is proudly presented to

**Md Jaffar Hussain N**

as a Delegate of

**ASIA STUDENT SUMMIT**

**"Developing The Next Generation of Leaders in Asia"**

Held on July, 16<sup>th</sup> - 20<sup>th</sup> 2018 at Seoul, South Korea

Muhammad Fahrizal  
President of International Global Network

Yolanda Normagupita  
Project Officer Asia Student Summit 2018



Certificate of Appreciation  
This certificate is proudly presented to

**Kajol Khanna**

as a Delegate of

**ASIA STUDENT SUMMIT**

**"Developing The Next Generation of Leaders in Asia"**

Held on July, 16<sup>th</sup> - 20<sup>th</sup> 2018 at Seoul, South Korea

Muhammad Fahrizal  
President of International Global Network

Yolanda Normagupita  
Project Officer Asia Student Summit 2018



Certificate of Appreciation  
This certificate is proudly presented to

**Mohana Preethi**

as a Delegate of

**ASIA STUDENT SUMMIT**  
"Developing The Next Generation of Leaders in Asia"  
Held on July, 16<sup>th</sup> - 20<sup>th</sup> 2018 at Seoul, South Korea

Muhammad Fahrizal  
President of International Global Network

Yolanda Normagupita  
Project Officer Asia Student Summit 2018



## STUDENT AND FACULTY EXCHANGE PROGRAMS

<b>Title of the Program</b>	Intelligent ironman creativity contest 2018
<b>University and Country</b>	Pingtung University of science and Technology, Taipei, Taiwan
<b>Date</b>	25th to 30th July 2018



### **International Ironman Creativity Contest (IICC) -2018** **Ministry of Education, Taiwan,** **TEAM INDIA**

On July 23rd 2018, we six students and two professors from Dr. MGR Educational & Research Institute, India, embarked on a journey to Taipei City in Taiwan. We flew to this beautiful country to participate in the Intelligent Ironman Creativity Contest (IICC) 2018. IICC 2018 was organized by the Educational Ministry of Taiwan and National Taiwan University, and hosted by Shih Hsin University. We spent eight memorable days we spent in Taipei, including our experience at IICC 2018. We were picked up by the dedicated organizers of IICC 2018 from airport and thus our adventure began. We participated in the Team Jubilation round after the opening ceremony. Our own performance was a humorous take on our journey to IICC, and we were glad to be well-received by the organizers and contestants. On the morning of July 27, the 72-hour isolation began in earnest. This is the main draw of the competition. Each team was placed in a separate room and given a space in which they were tasked to build an innovative prototype within 72 continuous hours. This format truly tests every aspect of a student – Innovation, creativity, dedication, perseverance and intelligence. The topic on which we were tasked to create our prototype was “Wings”. Our challenge was to create a flying prototype, capable of flight on its own. In order to procure materials with which to build our prototype, we had to complete ‘tasks’. This is the other important part of IICC. Each task is a completely self-contained 45-60 minute long challenge which must be completed by the whole team. Based on our performance during the tasks, we were awarded points, which we used to purchase materials for our prototype. Once such memorable task was named, “Dental Clinic”. In all, our team, MGR I3 managed to score around 10,000 points after completing many tasks. We used these points to purchase different materials such as motors, batteries and other electronic components, cardboard, charts and other art supplies. IICC really put our time management and innovation skills to the test. Our prototype was dubbed the WASP – Wilfully Autonomous Skating Plane. 72 hours passed almost instantly, and before we knew it, the time had come for the final presentation. Our presentation was divided into two parts – one based on the Human Arts,

and the other Technical. The staffs of National Taiwan University and Shih Hsin University are incredibly hard-working and magnanimous. They too, spent the 72 hours awake and working. Another memorable aspect is that most of the organization was done by college students. Their talent and dedication is something to be admired.

As a final note, we would like to thank Dr. MGR Educational and Research Institute, and our dynamic and honorable President for his constant support and patronage. We also thank Dr. Charles Li, Director General of the Taiwan Embassy for his support. We thank Professor Ko-Fei Liu of National Taiwan University for all his help before and during the contest. We shall cherish our sweet memories of Taiwan for the rest of our lives.













智慧鐵人創意競賽

INTELLIGENT IRONMAN CREATIVITY CONTEST 2018

**CERTIFICATE**  
**OF EXCELLENCE**



This is to certify that

*Melwin Kingsly J.*

of Dr. M.G.R. Educational & Research Institute, Chennai  
has attended in the  
International Intelligent Ironman Creativity Contest  
26th - 30th July 2018



教育部青年發展署

Youth Development Administration, Ministry of Education



Organized by National Taiwan University  
Supported by Ministry of Education, Taiwan

*Jiing-Yun You.*

Prof. Jiing-Yun You  
Program Organizer



## STUDENT AND FACULTY EXCHANGE PROGRAMS

<b>Title of the Program</b>	Delightful Istanbul summer school program “Genetics working with DNA”
<b>University and Country</b>	Istanbul Aydin University, Turkey
<b>Date</b>	29th July to 12th august 2018



### **Delightful Istanbul Summer School Program – 2018**

On July 28th 2018, we five students and a Professor Dr. K. G. Purushotham from the department of Biotechnology, Dr. MGR Educational and Research Institute, Chennai set out on a journey to Istanbul for delightful summer school program, Istanbul Aydin University, Istanbul, Turkey.

The students were enrolled on the course Genetics: Working with DNA, the program was filled with hands on training in the genetics laboratory and also the theory, the course consisted of two tests the mid-term and the final exam of which all of our students have passed the test securing high grades. The best part of the course was the hands on training in the laboratory with some important practices like isolation of DNA, DNA Sequencing, Electrophoresis and Polymerase Chain Reaction.

The students were also given assignments on a timely basis and for the final project each of the students were assigned a particular disease of which they had to design a primer which can be used for treating that particular genetic disease. Accordingly designs were prepared and evaluated by the Faculty of the university. Feedback was provided to the participants.












ISTANBUL AYDIN UNIVERSITY  
DELIGHTFUL ISTANBUL 2018

# Summer School Certificate

*Istanbul Aydın University has the pleasure to certify that*

**Prathiksha Prabhakar**

*attended the "Delightful Istanbul 2018 – Genetics: Working with DNA"  
International Summer School Program on between July 29<sup>th</sup> - August 12<sup>th</sup>, 2018.*

  
Prof. Dr. Yedigâr İZMİRLİ  
Istanbul Aydın University  
Rector



ISTANBUL AYDIN UNIVERSITY  
DELIGHTFUL ISTANBUL 2018

# Summer School Certificate

*Istanbul Aydın University has the pleasure to certify that*

**Dr. K.G. Purushotham**

*attended the "Delightful Istanbul 2018 – Genetics: Working with DNA"  
International Summer School Program on between July 29<sup>th</sup> - August 12<sup>th</sup>, 2018.*

  
Prof. Dr. Yedigâr İZMİRLİ  
Istanbul Aydın University  
Rector

## STUDENT AND FACULTY EXCHANGE PROGRAMS

<b>Title of the Program</b>	Mozilla Festival 2018
<b>University and Country</b>	Ravensbourne university, London UK
<b>Date</b>	26 -28 October, 2018



### Dynamic VPNs

#### Advantages of Dynamic VPNs

- Reduced security risk as users are assigned a new IP address each time they log on.
- Reduce latency as dynamic VPNs do not use NAT.
- Speeds up download by allowing incoming requests to access each of the users devices on every port.
- Cost Effective system.



By creating mesh VPN topology, the DMVPN easily connects any sites (irrespective of their location) to headquarter of any corporate sector. Thus getting connected with several sites become very easy while using this technology.

There is not any need to traverse the VPN router of the corporate headquarters while exchanging information between two remote sites by using this technology.

Accepting new spokes does not require any other specific change in the configuration of hub which makes the using procedure more convenient.

No other pre-configuration of the tunnel end-point peers (e.g. Internet Protocol Security & Internet Security Association and Key Management Protocol) is required to set up the Dynamic Multipoint VPN.

The requirement of the additional bandwidth in the headquarter VPN router gets eliminated by the deployment of the Dynamic Multipoint VPN

### **Disadvantages of Dynamic VPNs:**

- Enterprises cannot directly control the reliability and performance of Internet-based VPNs. Organizations must rely on Internet service providers that provide VPNs to ensure the operation of the service. This factor makes it important for companies to sign a service-level agreement with an Internet service provider to sign an agreement that guarantees various performance metrics.
- It is not easy for an enterprise to create and deploy a VPN line. This technology requires a high level of understanding of network and security issues and requires careful planning and configuration. Therefore, it is a good idea to choose an Internet service provider to run the VPN most of the time.
- VPN products and solutions from different vendors are always incompatible because many vendors are unwilling or unable to comply with VPN technology standards. Therefore, mixing products from different manufacturers may cause technical problems. On the other hand, using a vendor's equipment may increase costs.
- VPNs pose a security risk when using wireless devices. Roaming between access points is particularly problematic. Any solution that uses advanced encryption technology can be compromised when users roam between access points.

# moz://a festival

Mozilla  
441 Metal Box Factory  
30 Great Guildford Street  
London  
SE1 0HS

October 8, 2018

**Subject: MozFest 2018 Confirmation Letter of Participation**

To whom it concerns,

This letter is to certify that Nikita Singh is a Facilitator at Mozilla Festival 2018, taking place in London, United Kingdom from the 26 - 28 October 2018.

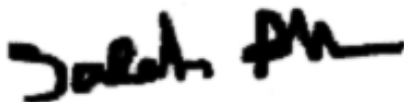
The festival will take place at Ravensbourne University London located at 6 Penrose Way, Greenwich Peninsula, London SW10 0EW.

Nikita is a valuable member of the Mozilla community and a unique contributor to the event. Their participation is essential to a successful event and we look forward to their arrival in London.

If you have any questions regarding the event or about this person's invitation, please do not hesitate to contact me on the number below.

For general questions regarding the Mozilla Festival please contact: [festival@mozilla.org](mailto:festival@mozilla.org)

Regards,



Sarah Allen  
Mozilla Festival Executive Director  
+44 (0)77 4378 2394

*Mozilla is a global, nonprofit organisation dedicated to making the Web better. We emphasise principle over profit, and believe that the Web is a shared public resource to be cared for, not a commodity to be sold. We work with a worldwide community to create open source products like Mozilla Firefox, and to innovate for the benefit of the individual and the betterment of the Web. The result is great products built by passionate people and better choices for everyone.*

# moz://a festival

Mozilla  
441 Metal Box Factory  
30 Great Guildford Street  
London  
SE1 0HS

October 5, 2018

**Subject: MozFest 2018 Confirmation Letter of Participation**

To whom it concerns,

This letter is to certify that TEJASWI NALI is a ticket holder to Mozilla Festival 2018, taking place in London, United Kingdom from the 26 - 28 October 2018.

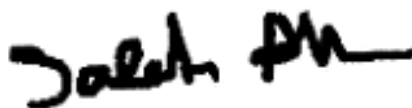
The festival will take place at Ravensbourne University London located at 6 Penrose Way, Greenwich Peninsula, London SW10 0EW.

TEJASWI is a valuable member of the Mozilla community and a unique contributor to the event. Their participation is essential to a successful event and we look forward to their arrival in London.

If you have any questions regarding the event or about this person's invitation, please do not hesitate to contact me on the number below.

For general questions regarding the Mozilla Festival please contact: [festival@mozilla.org](mailto:festival@mozilla.org)

Regards,



Sarah Allen  
Mozilla Festival Executive Director  
+44 (0)77 4378 2394

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# moz://a festival

Mozilla  
441 Metal Box Factory  
30 Great Guildford Street  
London  
SE1 0HS

October 5, 2018

**Subject: MozFest 2018 Confirmation Letter of Participation**

To whom it concerns,

This letter is to certify that SAKTHI ANAND PRABAKARAN is a ticket holder to Mozilla Festival 2018, taking place in London, United Kingdom from the 26 - 28 October 2018.

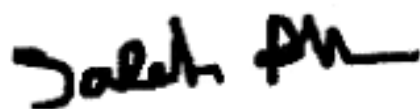
The festival will take place at Ravensbourne University London located at 6 Penrose Way, Greenwich Peninsula, London SW10 0EW.

SAKTHI is a valuable member of the Mozilla community and a unique contributor to the event. Their participation is essential to a successful event and we look forward to their arrival in London.

If you have any questions regarding the event or about this person's invitation, please do not hesitate to contact me on the number below.

For general questions regarding the Mozilla Festival please contact: [festival@mozilla.org](mailto:festival@mozilla.org)

Regards,



Sarah Allen  
Mozilla Festival Executive Director  
+44 (0)77 4378 2394

*Mozilla is a global, nonprofit organisation dedicated to making the Web better. We emphasise principle over profit, and believe that the Web is a shared public resource to be cared for, not a commodity to be sold. We work with a worldwide community to create open source products like Mozilla Firefox, and to innovate for the benefit of the individual and the betterment of the Web. The result is great products built by passionate people and better choices for everyone.*

# moz://a festival

Mozilla  
441 Metal Box Factory  
30 Great Guildford Street  
London  
SE1 0HS

October 5, 2018

**Subject: MozFest 2018 Confirmation Letter of Participation**

To whom it concerns,

This letter is to certify that GOKULA KRISHNAN VASUDEVAN SRIKANCHANA is a ticket holder to Mozilla Festival 2018, taking place in London, United Kingdom from the 26 - 28 October 2018.

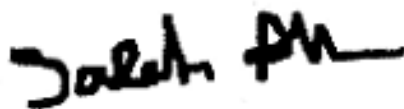
The festival will take place at Ravensbourne University London located at 6 Penrose Way, Greenwich Peninsula, London SW10 0EW.

GOKULA KRISHNAN is a valuable member of the Mozilla community and a unique contributor to the event. Their participation is essential to a successful event and we look forward to their arrival in London.

If you have any questions regarding the event or about this person's invitation, please do not hesitate to contact me on the number below.

For general questions regarding the Mozilla Festival please contact: [festival@mozilla.org](mailto:festival@mozilla.org)

Regards,



Sarah Allen  
Mozilla Festival Executive Director  
+44 (0)77 4378 2394

*Mozilla is a global, nonprofit organisation dedicated to making the Web better. We emphasise principle over profit, and believe that the Web is a shared public resource to be cared for, not a commodity to be sold. We work with a worldwide community to create open source products like Mozilla Firefox, and to innovate for the benefit of the individual and the betterment of the Web. The result is great products*

# moz://a festival

Mozilla  
441 Metal Box Factory  
30 Great Guildford Street  
London  
SE1 0HS

October 5, 2018

**Subject: MozFest 2018 Confirmation Letter of Participation**

To whom it concerns,

This letter is to certify that SAICHAITHANYA RAJU GADIRAJU is a ticket holder to Mozilla Festival 2018, taking place in London, United Kingdom from the 26 - 28 October 2018.

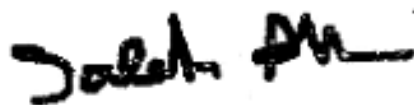
The festival will take place at Ravensbourne University London located at 6 Penrose Way, Greenwich Peninsula, London SW10 0EW.

SAICHAITHANYA is a valuable member of the Mozilla community and a unique contributor to the event. Their participation is essential to a successful event and we look forward to their arrival in London.

If you have any questions regarding the event or about this person's invitation, please do not hesitate to contact me on the number below.

For general questions regarding the Mozilla Festival please contact: [festival@mozilla.org](mailto:festival@mozilla.org)

Regards,



Sarah Allen  
Mozilla Festival Executive Director  
+44 (0)77 4378 2394

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# moz://a festival

Mozilla  
441 Metal Box Factory  
30 Great Guildford Street  
London  
SE1 0HS

October 8, 2018

**Subject: MozFest 2018 Confirmation Letter of Participation**

To whom it concerns,

This letter is to certify that PRASHANTH DAMODARAN is a Facilitator at Mozilla Festival 2018, taking place in London, United Kingdom from the 26 - 28 October 2018.

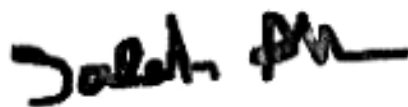
The festival will take place at Ravensbourne University London located at 6 Penrose Way, Greenwich Peninsula, London SW10 0EW.

PRASHANTH is a valuable member of the Mozilla community and a unique contributor to the event. Their participation is essential to a successful event and we look forward to their arrival in London.

If you have any questions regarding the event or about this person's invitation, please do not hesitate to contact me on the number below.

For general questions regarding the Mozilla Festival please contact: [festival@mozilla.org](mailto:festival@mozilla.org)

Regards,



Sarah Allen  
Mozilla Festival Executive Director  
+44 (0)77 4378 2394

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# moz://a festival

Mozilla  
441 Metal Box Factory  
30 Great Guildford Street  
London  
SE1 0HS

October 8, 2018

**Subject: MozFest 2018 Confirmation Letter of Participation**

To whom it concerns,

This letter is to certify that THOMAS WILSON MARIYA ARUL NATHAN is a Facilitator at Mozilla Festival 2018, taking place in London, United Kingdom from the 26 - 28 October 2018.

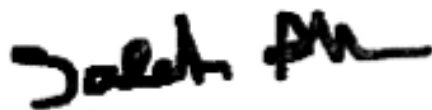
The festival will take place at Ravensbourne University London located at 6 Penrose Way, Greenwich Peninsula, London SW10 0EW.

THOMAS WILSON is a valuable member of the Mozilla community and a unique contributor to the event. Their participation is essential to a successful event and we look forward to their arrival in London.

If you have any questions regarding the event or about this person's invitation, please do not hesitate to contact me on the number below.

For general questions regarding the Mozilla Festival please contact: [festival@mozilla.org](mailto:festival@mozilla.org)

Regards,



Sarah Allen  
Mozilla Festival Executive Director  
+44 (0)77 4378 2394

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# moz://a festival

Mozilla  
441 Metal Box Factory  
30 Great Guildford Street  
London  
SE1 0HS

October 15, 2018

**Subject: MozFest 2018 Confirmation Letter of Participation**

To whom it concerns,

This letter is to certify that KANYA NATARAJ is participating at Mozilla Festival 2018, taking place in London, United Kingdom from the 26 - 28 October 2018.

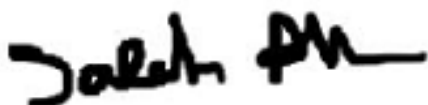
The festival will take place at Ravensbourne University London located at 6 Penrose Way, Greenwich Peninsula, London SW10 0EW.

KANYA is a valuable member of the Mozilla community and a unique contributor to the event. Their participation is essential to a successful event and we look forward to their arrival in London.

If you have any questions regarding the event or about this person's invitation, please do not hesitate to contact me on the number below.

For general questions regarding the Mozilla Festival please contact: [festival@mozilla.org](mailto:festival@mozilla.org)

Regards,



Sarah Allen  
Mozilla Festival Executive Director  
+44 (0)77 4378 2394

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## STUDENT AND FACULTY EXCHANGE PROGRAMS

<b>Title of the Program</b>	Theory and practice in Transmission and scanning Electron Microscopy
<b>University and Country</b>	Universiti Di Pisa, Italy
<b>Date</b>	18thjan to 26th January 2019



### **Theory and Practice in Transmission and Scanning Electron Microscopy**

On January 13th 2019, we seven students and the associate professor from Dr. MGR Educational & Research Institute, India, embarked on a journey to the city of Pisa in Europe. We flew to this beautiful country to participate in the International winter school program 2019. This program is conducted by Universita di Pisa, Italy. The course director professor Paola Lenzi gave a warm welcome to us and she also briefed about the course module. Following this, for the next nine days we had theory as well as practice session on both scanning and transmission electron microscopy under the guidance of prof.Alessandra Falleni and A. salvetti. We had the opportunity to visit the beautiful botanical garden at the university of Pisa and also we went on an astonishing guided tour to the Anatomy Museum “Filippo Civinini” of University of Pisa which comprises around 3400 anatomical findings. On the day of course completion day we had our final evaluation test and received our certificates from the course director Prof. PaolaLenzi.





UNIVERSITÀ DI PISA  
Department of Biology  
Department of Clinical and Experimental Medicine  
Department of Translational Research and New Technologies in Medicine in Medicine and Surgery

Pisa, 26<sup>th</sup> January 2019

To whom it may concern

This letter is to confirm the attendance of **Shriram Tharakaram** from the Dr MGR Educational Research Institute & University at the course "*Theory and practice in transmission and scanning electron microscopy*", held in Pisa from 18<sup>th</sup> to 26<sup>th</sup> January 2019.

The Director of the Course  
Prof. Paola Lenzi



*Paola Lenzi*



## UNIVERSITÀ DI PISA

Student n. 590804

Certificate n. 20183878649

Mr THARAKARAM SHRIRAM  
born in CHENNAI - India - on November the 11th 1997,  
enrolled in November the 24th 2018 in the programme: Winter School Theory and practice in transmission and  
scanning electron microscopy  
for the academic year 2019/2020  
and passes the following exams

26/01/2019 SUMMER SCHOOL - THEORY AND PRACTICE IN  
TRANSMISSION AND SCANNING ELECTRON  
MICROSCOPY

27/30

12

\*\*\*\*\*

The student has earned a total of 12 credits (CFU/ECTS).

Pisa, April 9th 2019

The Manager of the Office  
Dott.ssa Cristina ORSINI



UNIVERSITÀ DI PISA  
Department of Biology  
Department of Clinical and Experimental Medicine  
Department of Translational Research and New Technologies in Medicine in Medicine and Surgery

Pisa, 26<sup>th</sup> January 2019

To whom it may concern

This letter is to confirm the attendance of **Zainaf Nisha Gani Baksh** from the Dr MGR Educational Research Institute & University at the course "*Theory and practice in transmission and scanning electron microscopy*", held in Pisa from 18<sup>th</sup> to 26<sup>th</sup> January 2019.

The Director of the Course "  
Prof. Paola Lenzi







## UNIVERSITÀ DI PISA

Student n. 590808

Certificate n. 20183878617

Ms GANI BAKSH ZAINAF NISHA  
born in Chennai - India - on June the 28th 1999,  
enrolled in November the 24th 2018 in the programme: Winter School Theory and practice in transmission and  
scanning electron microscopy  
for the academic year 2019/2020  
and passes the following exams

26/01/2019 SUMMER SCHOOL - THEORY AND PRACTICE IN  
TRANSMISSION AND SCANNING ELECTRON  
MICROSCOPY

27/30

12

\*\*\*\*\*

The student has earned a total of 12 credits (CFU/ECTS).

Pisa, April 9th 2019

The Manager of the Office  
Dott.ssa Cristina ORSINI



UNIVERSITÀ DI PISA

Department of Biology

Department of Clinical and Experimental Medicine

Department of Translational Research and New Technologies in Medicine in Medicine and Surgery

Pisa, 26<sup>th</sup> January 2019

To whom it may concern

This letter is to confirm the attendance of **Pooja Pushkarni Pannir Chaluvan** from the Dr MGR Educational Research Institute & University at the course "*Theory and practice in transmission and scanning electron microscopy*", held in Pisa from 18<sup>th</sup> to 26<sup>th</sup> January 2019.

The Director of the Course  
Prof. Paola Lenzi





## UNIVERSITÀ DI PISA

Certificate n. 20183882595

Student n. 590810

Ms PANNIR CHALUVAM POOJA PUSHKARNI  
born in CHENNAI - India - on April the 24th 1998,  
enrolled in November the 24th 2018 in the programme: Winter School Theory and practice in transmission and  
scanning electron microscopy  
for the academic year 2019/2020  
and passes the following exams

26/01/2019 SUMMER SCHOOL - THEORY AND PRACTICE IN  
TRANSMISSION AND SCANNING ELECTRON  
MICROSCOPY

27/30

12

\*\*\*\*\*

The student has earned a total of 12 credits (CFU/ECTS).

Pisa, April 15th 2019

The Manager of the Office  
Dott.ssa Cristina ORSINI

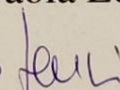
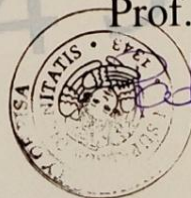


Pisa, 26<sup>th</sup> January 2019

To whom it may concern

This letter is to confirm the attendance of **Sarah Majeed Abdul Huq** from the Dr MGR Educational Research Institute & University at the course "*Theory and practice in transmission and scanning electron microscopy*", held in Pisa from 18<sup>th</sup> to 26<sup>th</sup> January 2019.

The Director of the Course  
Prof. Paola Lenzi





## UNIVERSITÀ DI PISA

Student n. 590809

Certificate n. 20183878615

Ms MAJEED ABDUL HUQ RIJWANA SARAH  
born in Bahrain - Bahrain - on November the 14th 1998,  
enrolled in November the 24th 2018 in the programme: Winter School Theory and practice in transmission and  
scanning electron microscopy  
for the academic year 2019/2020  
and passes the following exams

26/01/2019 SUMMER SCHOOL - THEORY AND PRACTICE IN TRANSMISSION AND SCANNING ELECTRON MICROSCOPY	27/30	12
*****		

The student has earned a total of 12 credits (CFU/ECTS).

Pisa, April 9th 2019

The Manager of the Office  
Dott.ssa Cristina ORSINI

Pisa, 26<sup>th</sup> January 2019

To whom it may concern

This letter is to confirm the attendance of **Nithya Shree Harikumar** from the Dr MGR Educational Research Institute & University at the course "*Theory and practice in transmission and scanning electron microscopy*", held in Pisa from 18<sup>th</sup> to 26<sup>th</sup> January 2019.

The Director of the Course  
Prof. Paola Lenzi



*Paola Lenzi*





Certificate n. 20183878618

MS. ANITHA SURESH DANKKESAN  
born in Chennai, India on June the 28th 1999,  
enrolled in November the 24th 2018 in the programme: Winter School Theory and practice in transmission and  
scanning electron microscopy  
for the academic year 2019/2020  
and passes the following exams

12

The Manager of the Office  
Dott.ssa Cristina ORSINI



UNIVERSITÀ DI PISA

Department of Biology

Department of Clinical and Experimental Medicine

Department of Translational Research and New Technologies in Medicine in Medicine and Surgery

Pisa, 26<sup>th</sup> January 2019

To whom it may concern

This letter is to confirm the attendance of **Dhivya Viswanathan** from the Dr MGR Educational Research Institute & University at the course "*Theory and practice in transmission and scanning electron microscopy*", held in Pisa from 18<sup>th</sup> to 26<sup>th</sup> January 2019.

The Director of the Course  
Prof. Paola Lenzi





## UNIVERSITÀ DI PISA

Certificate n. 20183878654

Student n. 590782

Ms VISWANATHAN DHIVYA

born in Ambattur - India - on August the 11th 1998,  
enrolled in November the 23rd 2018 in the programme: Winter School Theory and practice in transmission and  
scanning electron microscopy  
for the academic year 2019/2020  
and passes the following exams

26/01/2019 SUMMER SCHOOL - THEORY AND PRACTICE IN  
TRANSMISSION AND SCANNING ELECTRON  
MICROSCOPY

27/30

12

\*\*\*\*\*

The student has earned a total of 12 credits (CFU/ECTS).

Pisa, April 9th 2019

The Manager of the Office  
Dott.ssa Cristina ORSINI





UNIVERSITÀ DI PISA

Department of Biology

Department of Clinical and Experimental Medicine

Department of Translational Research and New Technologies in Medicine in Medicine and Surgery

Pisa, 26<sup>th</sup> January 2019

To whom it may concern

This letter is to confirm the attendance of **Raghavi Suresh** from the Dr. MGR Educational Research Institute & University at the course "*Theory and practice in transmission and scanning electron microscopy*", held in Pisa from 18<sup>th</sup> to 26<sup>th</sup> January 2019.

The Director of the Course

Prof. Paola Lenzi



Paola Lenzi



## UNIVERSITÀ DI PISA

Certificate n. 20183879223

Student n. 590863

Ms SURESH BALASUBRAMANIAN RAGHAVI  
born in CHENNAI - India - on November the 19th 1998,  
enrolled in November the 27th 2018 in the programme: Winter School Theory and practice in transmission and  
scanning electron microscopy  
for the academic year 2019/2020  
and passes the following exams

26/01/2019 SUMMER SCHOOL - THEORY AND PRACTICE IN  
TRANSMISSION AND SCANNING ELECTRON  
MICROSCOPY

27/30

12

\*\*\*\*\*

The student has earned a total of 12 credits (CFU/ECTS).

Pisa, April 9th 2019

The Manager of the Office  
Dott.ssa Cristina ORSINI



UNIVERSITÀ DI PISA

Department of Biology

Department of Clinical and Experimental Medicine

Department of Translational Research and New Technologies in Medicine in Medicine and Surgery

Pisa, 26<sup>th</sup> January 2019

To whom it may concern

This letter is to confirm that Dr **Gomathi Kannayiram** from the Dr MGR Educational Research Institute & University participated as Mentor at the course "*Theory and practice in transmission and scanning electron microscopy*", held in Pisa from 18<sup>th</sup> to 26<sup>th</sup> January 2019.

The Director of the Course  
Prof. Paola Lenzi



*Paola Lenzi*





Department of Biology  
Department of Clinical and Experimental Medicine  
Department of Translational Research and New Technologies in Medicine in Medicine and Surgery

Pisa, 26<sup>th</sup> January 2019

To whom it may concern,

This is to certify that Gomathi Kannayiram, during the *Winter School* “*Theory and practice in transmission and scanning electron microscopy*” held in Pisa from Friday 18<sup>th</sup> to Saturday 26<sup>th</sup> January 2019, has performed the following techniques and experimental approaches:

-processing of samples for transmission electron microscopy (TEM):

- i) fixation, dehydration, infiltration, embedding
- ii) sectioning of resin blocks with the ultramicrotome
- iii) observation of grids under transmission electron microscope

-processing of samples for scanning electron microscopy (SEM):

- i) fixation, dehydration, Critical Point Drying, metal coating
- ii) observation of samples under scanning electron microscope

The director of the course  
Prof. Paolo Lenzi





## UNIVERSITÀ DI PISA

Certificate n. 20183878539

Student n. 590807

Ms KANNAYIRAM GOMATHI

born in CHENNAI - India - on May the 1st 1979,  
enrolled in November the 24th 2018 in the programme: Winter School Theory and practice in transmission and  
scanning electron microscopy  
for the academic year 2019/2020  
and passes the following exams

26/01/2019 SUMMER SCHOOL - THEORY AND PRACTICE IN  
TRANSMISSION AND SCANNING ELECTRON  
MICROSCOPY

30/30

12

\*\*\*\*\*

The student has earned a total of 12 credits (CFU/ECTS).

Pisa, April 9th 2019

The Manager of the Office  
Dott.ssa Cristina ORSINI

## STUDENT AND FACULTY EXCHANGE PROGRAMS

**Title of the Program**

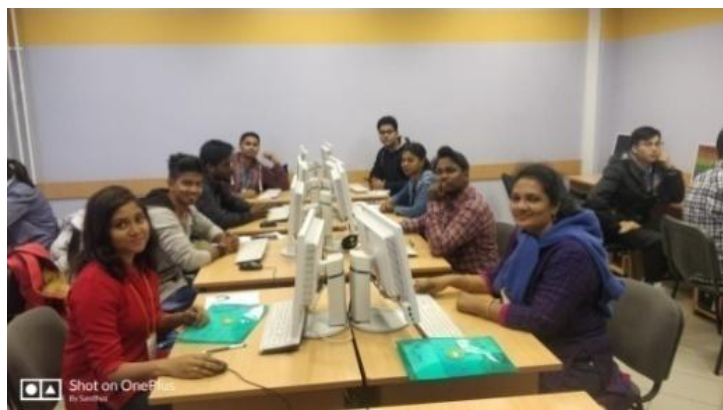
BIM Technologies and Energy Efficient Buildings

**University and Country**

St. Petersburg Polytechnic University, Russia

**Date**

18th January to 1st February 2019



### Building Information Modelling, Energy Efficiency of the Buildings and Russian Civilization

- **BUILDING INFORMATION MODELLING (BIM):** The course introduces the basics of BIM (Building Information Modelling). The course focused on basic concepts, software required and the usage of technology. This course discusses how BIM provides contractors with the benefit of improved visualization of a construction project through the use of a 3D virtual model, establish a base knowledge of BIM terminology and look at the benefits of BIM and case studies showing implementation before encouraging participants to study how they could implement BIM.



Students not only acquire a profound professional and methodical education but also the communication skills and cross-cultural experience necessary for future career growth. BIM program focused not only on general concepts, but also its challenges, solutions, usage and comparison with other software. Hands on training was provided using Autodesk Revit – world-leading BIM platform, allowing to create and manage projects faster and more economically.

- **ENERGY EFFICIENCY OF THE BUILDINGS:** The concept of energy saving in and its application in civil engineering has high utility value. The Energy consumption in the residential sector, thermal loss of buildings and the concept of heat and moisture transfer in enclosing structures, types and classification of environmentally friendly building materials were taught. Students were taught how to determine the energy efficiency classes of buildings, basic indicators of energy consumption. Other factors include economic and environmental aspects in the field of energy-saving, major green building rating systems like LEED and BREAM. Practical calculations were taught using Building Information Modelling.
- **RUSSIAN CIVILIZATION:** The course introduces the history of building of St. Petersburg, the main architectural styles, outstanding architectural objects and their architects. The coverage includes basic geological, hydrological and geopolitical terms and preconditions for the construction of St. Petersburg, main building stages - the city basis, the first buildings, building periods. There was also a discussion on contemporary issues of historic buildings.



# СЕРТИФИКАТ CERTIFICATE

Настоящий сертификат выдан в том, что

This is to certify that

**ПАВАЛАВАННАН Сандхна**

(фамилия, имя, отчество)

**PAVALAVANNAN Sandhya**

(full name)

**08.02.1998**

(дата рождения) / (date of birth)

успешно завершил(а) курс обучения  
по международной образовательной программе  
**Международная политехническая зимняя школа**  
**«Гражданское строительство»**  
has successfully completed the course  
on international educational program

**International Polytechnic Winter School**  
**“Civil Engineering”**

в федеральном государственном автономном  
образовательном учреждении  
высшего образования  
**«Санкт-Петербургский**  
**политехнический университет Петра Великого»**  
(наименование учебного заведения)

at Peter the Great St. Petersburg  
Polytechnic University  
(name of the institution)

поступил(а) / from

**21.01.2019**

(дата) / (date)

завершил(а) / to

**21.02.2019**

(дата) / (date)

РОССИЙСКАЯ  
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федеральное государственное  
автономное образовательное  
учреждение высшего образования  
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**политехнический университет**  
**Петра Великого»**  
(ФГАОУ ВО «СПбПУ»)

**«Peter the Great St. Petersburg**  
**Polytechnic University»**



Регистрационный номер  
Registration number

**7957/19**

Дата выдачи / Date of issue

**21.02.2019**

Ректор/Rector

Руководитель программы

Program Manager

Секретарь/Secretary





За время обучения сдал(а) зачеты, промежуточные и итоговые экзамены по следующим дисциплинам:  
During the study program tests, intermediate and final examinations in the following subjects were passed:

Наименование дисциплины <b>Course title</b>	Общее количество часов <b>Total Hours</b>	Кредиты <b>Credits (ECTS)</b>	Итоговая оценка <b>Final Grade</b>
<b>Building Information Modeling /</b> Технологии информационного моделирования		2.5	A (100%) / отл.
<b>Energy Efficiency of the Buildings /</b> Энергоэффективность зданий		1.5	passed / зачет
<b>Russian Civilization and Architecture /</b> Русская цивилизация и архитектура		1.0	A (95%) / отл.
<b>Russian Language Survival Course /</b> Вводный курс русского языка		0.5	passed / зачет
Partially funded by Dr. M.G.R Educational and Research Institute, University / Софинансировано Dr. M.G.R Educational and Research Institute, University			

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In Russian Federation (RF) the study workload is evaluated in akademicheskie chasy-academic hours or AH. 1AH=45 minutes. 1 RF Unit = 36 academic hours or 27 astronomical hours. 1 week of full-time study = 54 AH = 1,5 RFU. 1 RF Unit equals to 1 ECTS credit.



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SANDHYA VANNAN		
NAME		
BIM: GENERAL IDEAS AND PROBLEMS		REVIT 2019
COURSE TITLE		PRODUCT
ALEXANDER VYSOTSKIY	21/01/2019	17-24 HOURS
INSTRUCTOR	COURSE DATE	COURSE DURATION
000 "VYSOTSKY CONSULTING"		
AUTODESK AUTHORIZED ACADEMIC PARTNER		

Certificate No. EM30340809859974418386

2018

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**ЭЛУМАЛАИ Вигнеш Кумар**

(фамилия, имя, отчество)

**ELUMALAI Vignesh Kumar**

(full name)

**05.06.1999**

(дата рождения) / (date of birth)

успешно завершил(а) курс обучения  
по международной образовательной программе  
**Международная политехническая зимняя школа**  
**«Гражданское строительство»**  
has successfully completed the course  
on international educational program

**International Polytechnic Winter School**  
**“Civil Engineering”**

в федеральном государственном автономном  
образовательном учреждении  
высшего образования  
**«Санкт-Петербургский**  
**политехнический университет Петра Великого»**  
(наименование учебного заведения)

at Peter the Great St. Petersburg  
Polytechnic University  
(name of the institution)

поступил(а) / from

**21.01.2019**

(дата) / (date)

завершил(а) / to

**21.02.2019**

(дата) / (date)

РОССИЙСКАЯ  
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федеральное государственное  
автономное образовательное  
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**Петра Великого»**  
(ФГАОУ ВО «СПбПУ»)

**«Peter the Great St. Petersburg**  
**Polytechnic University»**



Регистрационный номер  
Registration number

**7959/19**

Дата выдачи / Date of issue

**21.02.2019**

Ректор/Rector

Руководитель программы

Program Manager

Секретарь/Secretary





За время обучения сдал(а) зачеты, промежуточные и итоговые экзамены по следующим дисциплинам.  
During the study program tests, intermediate and final examinations in the following subjects were passed:

Наименование дисциплины <b>Course title</b>	Общее количество часов <b>Total Hours</b>	Кредиты <b>Credits (ECTS)</b>	Итоговая оценка <b>Final Grade</b>
<b>Building Information Modeling /</b> Технологии информационного моделирования		<b>2.5</b>	<b>A (100%) / отл.</b>
<b>Energy Efficiency of the Buildings /</b> Энергоэффективность зданий		<b>1.5</b>	<b>passed / зачет</b>
<b>Russian Civilization and Architecture /</b> Русская цивилизация и архитектура		<b>1.0</b>	<b>A (95%) / отл.</b>
<b>Russian Language Survival Course /</b> Вводный курс русского языка		<b>0.5</b>	<b>passed / зачет</b>
Partially funded by Dr. M.G.R Educational and Research Institute, University / Софинансировано Dr. M.G.R Educational and Research Institute, University			

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In Russian Federation (RF) the study workload is evaluated in academicheskies chasy-academic hours or AH. 1AH=45 minutes. 1 RF Unit = 36 academic hours or 27 astronomical hours. 1 week of full-time study = 54 AH = 1,5 RFU. 1 RF Unit equals to 1 ECTS credit.



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VIGNESH KUMAR

NAME

BIM: GENERAL IDEAS AND PROBLEMS

REVIT 2019

COURSE TITLE

PRODUCT

ALEXANDER VYSOTSKIY

21/01/2019

17-24 HOURS

INSTRUCTOR

COURSE DATE

COURSE DURATION

000 "VYSOTSKY CONSULTING"

AUTODESK AUTHORIZED ACADEMIC PARTNER

Certificate No. EM30340809859974418438

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# СЕРТИФИКАТ CERTIFICATE

Настоящий сертификат выдан в том, что

This is to certify that

**РАМУ Рахул**

(фамилия, имя, отчество)

**RAMU Rahul**

(full name)

**27.12.1998**

(дата рождения) / (date of birth)

успешно завершил(а) курс обучения  
по международной образовательной программе  
**Международная политехническая зимняя школа**  
**«Гражданское строительство»**  
has successfully completed the course  
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**International Polytechnic Winter School**  
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в федеральном государственном автономном  
образовательном учреждении  
высшего образования  
**«Санкт-Петербургский**  
**политехнический университет Петра Великого»**  
(наименование учебного заведения)

at Peter the Great St. Petersburg  
Polytechnic University  
(name of the institution)

поступил(а) / from

**21.01.2019**

(дата) / (date)

завершил(а) / to

**21.02.2019**

(дата) / (date)

РОССИЙСКАЯ  
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федеральное государственное  
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**политехнический университет**  
**Петра Великого»**  
(ФГАОУ ВО «СПбПУ»)

«Peter the Great St. Petersburg  
Polytechnic University»



Регистрационный номер  
Registration number

**7958/19**

Дата выдачи / Date of issue

**21.02.2019**

Ректор/Rector

Руководитель программы  
Program Manager

Секретарь/Secretary





За время обучения сдал(а) зачеты, промежуточные и итоговые экзамены по следующим дисциплинам:  
During the study program tests, intermediate and final examinations in the following subjects were passed:

Наименование дисциплины Course title	Общее количество часов Total Hours	Кредиты Credits (ECTS)	Итоговая оценка Final Grade
Building Information Modeling / Технологии информационного моделирования		2.5	A (100%) / отл.
Energy Efficiency of the Buildings / Энергоэффективность зданий		1.5	passed / зачет
Russian Civilization and Architecture / Русская цивилизация и архитектура		1.0	B (85%) / отл.
Russian Language Survival Course / Вводный курс русского языка		0.5	passed / зачет
Partially funded by Dr. M.G.R Educational and Research Institute, University / Софинансировано Dr. M.G.R Educational and Research Institute, University			

В Российской Федерации учебная нагрузка измеряется в академических часах (АЧ) и зачетных единицах (ЗЕ). 1 АЧ = 45 минут. 1 ЗЕ = 36 академическим часам или 27 астрономическим часам. 1 учебная неделя = 54 АЧ = 1,5 ЗЕ. 1 ЗЕ соответствует 1 ECTS credit.

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RAMU RAHUL

NAME

BIM: GENERAL IDEAS AND PROBLEMS

REVIT 2019

COURSE TITLE

PRODUCT

ALEXANDER VYSOTSKIY

21/01/2019

17-24 HOURS

INSTRUCTOR

COURSE DATE

COURSE DURATION

000 "VYSOTSKY CONSULTING"

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2018

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**Мохаммед Муззаммил Ахмед**  
(фамилия, имя, отчество)

**Mohammed Muzzammil Ahmed**  
(full name)

**16.10.1996**  
(дата рождения) / (date of birth)

успешно завершил(а) курс обучения  
по международной образовательной программе  
**Международная политехническая зимняя школа**  
**«Гражданское строительство»**  
has successfully completed the course  
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<b>Russian Civilization and Architecture /</b> Русская цивилизация и архитектура		1.0	A (95%) / отл.
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NAME

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REVIT 2019

COURSE TITLE

ALEXANDER VYSOTSKIY

21/01/2019

PRODUCT

17-24 HOURS

INSTRUCTOR

COURSE DATE

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**ARULKUMAR Ajaykumar**  
(full name)

**01.12.1996**  
(дата рождения) / (date of birth)

успешно завершил(а) курс обучения  
по международной образовательной программе  
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**NAME**

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**REVIT 2019**

**COURSE TITLE**

**PRODUCT**

**ALEXANDER VYSOTSKIY**

**21/01/2019**

**17-24 HOURS**

**INSTRUCTOR**

**COURSE DATE**

**COURSE DURATION**

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**TILARAM Giresh**  
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**07.11.1997**  
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**PRODUCT**

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**21/01/2019**

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**RAMESH Gnaneswari**

(full name)

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<b>Russian Civilization and Architecture /</b> Русская цивилизация и архитектура		<b>1.0</b>	<b>A (95%) / отл.</b>
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21/01/2019

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(full name)

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(дата рождения) / (date of birth)

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## STUDENT AND FACULTY EXCHANGE PROGRAMS

<b>Title of the Program</b>	Artificial Intelligence project in connection with AI Nexus Ltd.(London)
<b>University and Country</b>	Sheffield Hallam University, UK
<b>Date</b>	7th February to 1st April 2019



### Identification Object Using Machine Learning Technique

Sheffield Hallam University , UK

Prof.Terrence and Prof Marcos Rodrigues welcomed our team and had an introductory session about the Sheffield Hallam University and Dr.M.G.R. Educational and Research Institute.Prof Marcos Rodrigues briefly explained about the project on image processing in real world AI (Artificial Intelligence) and the importance of machine learning.In the first week of February, Prof Marcos gave insights on AI and its stages with relevant videos.In the second week of February,Prof Marcos had a deep discussion on training the neural networks for deep learning in image processing.Hegave insights about Generative Adversarial Networks, Image-to-Image Translation and Nouvelle AI. Our students presented about artificial intelligence learning algorithm and activation functions.

Prof Marcos arranged for a visit to Material and Engineering Research Institute. We had an interactive session with Dr.Nick Farmilo, he briefed on research infrastructure, polymer, nano technology, nano visible telescope, latest electron microscope machines used for testing the bridges, concretes and metal, chemical viscosity and 3D printing.

In the third week of February, student team were introduced to Deep learning on python language,architecture of Tensor flow and torch library. Students gave the presentation about their understanding and then they were collecting images of vehicles, animals and objects in various dimensions for better understanding on image processing and how to train neural network to learn about objects in different directions. With the help of tensor flow library the computational graphs are formed.

Prof Marcos arranged for a visit to Centre for Automation and Robotics Research. In CARR Dr.Lyuba Alboul M.Sc, Ph.D, Senior Research Fellow and her team members explained about variety of robot arms and mobile robots. The centre is having large space for testing mobile robot systems and equipped with different types of cameras and sensors for data recording. Research Students gave details on actions typically performed by robots ranging from large to medium and small sized mobile robots and they demonstrated the human machine interactions by robots and sensors. Nanorobotics is other major area of research in the centre. Professor Terrence arranged for a visit to flight simulation lab and student conference labs.

Finally, students team gave presentation on their understanding with sample program execution for classifying images with convolutional networks using tensor flow and pytorch tools. Our students executed their project by giving own data set as input to Python programming and got results of 98% accuracy. Professor Terrence arranged a sendoff meeting and presented a memento as the conclusion of the international learning experience.



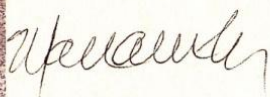


## Certificate of Participation

**MR VIJAYAKUMAR ASOKAN**

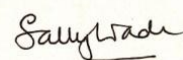
This is to confirm that the above individual has successfully contributed to the development of Artificial Intelligence based solutions for industrial in connection with AI NEXUS Ltd (London) within the Department of Engineering and Mathematics at Sheffield Hallam University from 01 February to 30 March 2019.

Prof Marcos Rodrigues  
Project Supervisor



Faculty of Science, Technology & Arts  
Sheffield Hallam University, United Kingdom

Prof Sally Wade  
Deputy Dean

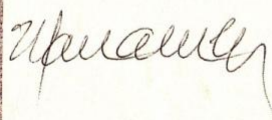


## Certificate of Participation

**MISS SADIA AFREEN ASIF**

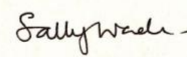
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Prof Marcos Rodrigues  
Project Supervisor



Faculty of Science, Technology & Arts  
Sheffield Hallam University, United Kingdom

Prof Sally Wade  
Deputy Dean



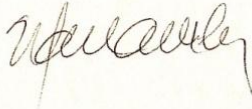


## Certificate of Participation

**MISS AKSHAYA BABUJI**

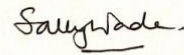
This is to confirm that the above individual has successfully contributed to the development of Artificial Intelligence based solutions for industry in connection with AI NEXUS Ltd (London) within the Department of Engineering and Mathematics at Sheffield Hallam University from 01 February to 30 March 2019.

Prof Marcos Rodrigues  
Project Supervisor



Faculty of Science, Technology & Arts  
Sheffield Hallam University, United Kingdom

Prof Sally Wade  
Deputy Dean

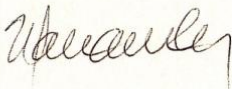


## Certificate of Participation

**DR THURAYUR VANATHAN ANANTHAN**

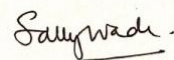
This is to confirm that the above individual has successfully contributed to the development of Artificial Intelligence based solutions for industry in connection with AI NEXUS Ltd (London) within the Department of Engineering and Mathematics at Sheffield Hallam University from 01 February to 30 March 2019.

Prof Marcos Rodrigues  
Project Supervisor



Faculty of Science, Technology & Arts  
Sheffield Hallam University, United Kingdom

Prof Sally Wade  
Deputy Dean

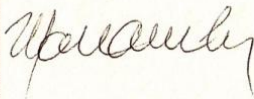


## Certificate of Participation

**DR GODHAVARI THIYAGARAJAN**

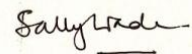
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Prof Marcos Rodrigues  
Project Supervisor



Faculty of Science, Technology & Arts  
Sheffield Hallam University, United Kingdom

Prof Sally Wade  
Deputy Dean





## STUDENT AND FACULTY EXCHANGE PROGRAMS

**Title of the Program** Data Analysis and Applications using Python, Signals and Systems

**University and Country** Yuan Ze University, Taiwan

**Date** 17th February to 24th February 2019



Our march, holding the pride of Dr. M.G.R. Educational and Research Institute from Chennai towards Taiwan began on 16th Feb 2019. We reached Taiwan the next day and got ourselves settled and relaxed exploring the neighborhood. The following day we visited the Global Affairs Office on the University campus. Few other representatives of other colleges joined me and together started the introductory session. There we were introduced to the Yuan Ze University (Host). Followed by the host introduction, we got the opportunity to introduce our institute as well as represent Paavai Institute- Namakkal, Ramachandra College of Engineering- Nellore, and G Pulla College of Engineering and Technology- Kurnool. My opportunity of representing the other college of South India as mentioned above empowered the value of our Institute at the session. With the introduction of other institutions, the day came to an end. The next day, the first day of the main program dated 19th Feb 2019, began with a visit to Chung Tai Resource Tech. Chung Tai Resource Tech is an industry where old mercury lamps and fluorescent lamps are recycled. This enables safe and reduced pollution. It also safeguards the nature from the adverse effects of mercury of discarded lamps. From there we reached a food industry, where beauty enriching drink, health-improving medications et cetera. This industry also holds a legacy of 50 years with units spread out across various places including Shanghai, Taiwan, Japan, and the United States of America. After a tiring day visiting two significant industries day we called it a day off. The next day we got an opportunity to explore Taiwan. we visited the Shinem Reservoir, Dahan River, and Northern Taoyuan City. This reservoir serves water for irrigation and everyday usage to the city for the past 50 years. The next day our class started at 9 a.m and went on till noon on the topic Management Information system. Followed by that I and our students interacted with the Head of Electrical and Electronics Department. Later at night during the dinner session, representatives of Yuan Ze University gave scholarships to our students. Suresh Raj was awarded a 100% tuition fee waiver, Sriram Sachin and Yogalakshmi received a 50% tuition fee waiver, and Mathura and Supraja received a tuition fee waiver of 20%, to pursue their Graduate Program at Yuan Ze University. Along with the scholarships they also received their Pre-Admission notice. Finally, on our last day at Yuan Ze University, we attended a seminar on Taoyoun Cultures by



Dr. Li Hsiao Ching. After the session, we visited Chintan Park along with Dr. Li Hsiao Ching and enjoyed the chilly climate. Later we explored the neighborhood and visited the Tu Di Gong Cultural Museum, where we learned about Tu Di Gong. After the fun and an enlightening trip, we went back to the University and presented the farewell presentation. Finally received the certificates and left the institute with our Pride flattering high. The next day after a great experience we boarded our flight back to Chennai. Touched down Chennai on 25th Feb 2019 after stacking up bundles of learning, fun, and Achievements.



## Certificate

23<sup>rd</sup> February 2019

GAOS-320180200019

This is to certify that **SRI RAM SACHIN, KATHIRESAN** (Date of birth:1996/11/20) from Dr.M.G.R Educational and Research Institute has completed the 2019 YZU Short-Term Exchange Program at Yuan Ze University from 17-23 of February 2019.

Chief of Global Affairs Office  
Yuan Ze University



## Certificate

23<sup>rd</sup> February 2019

GAOS-320180200020

This is to certify that **YOGALAKSHMI, CALPAKKAM VENKATESH**  
(Date of birth:1998/06/11) from Dr.M.G.R Educational and Research  
Institute has completed the 2019 YZU Short-Term Exchange Program at  
Yuan Ze University from 17-23 of February 2019.

Chief of Global Affairs Office  
Yuan Ze University





## Certificate

23<sup>rd</sup> February 2019

GAOS-320180200021

This is to certify that **SURIYA PRAKASH, RAJAN** (Date of birth:1999/05/27) from Dr.M.G.R Educational and Research Institute has completed the 2019 YZU Short-Term Exchange Program at Yuan Ze University from 17-23 of February 2019.

Chief of Global Affairs Office  
Yuan Ze University



## Certificate

23<sup>rd</sup> February 2019

GAOS-320180200022

This is to certify that **SURESHRAJ, SELLAMATHU PALANISAMY**  
(Date of birth: 1996/11/23) from Dr.M.G.R Educational and Research  
Institute has completed the 2019 YZU Short-Term Exchange Program at  
Yuan Ze University from 17-23 of February 2019.

Chief of Global Affairs Office  
Yuan Ze University





## Certificate

23<sup>rd</sup> February 2019

GAOS-320180200023

This is to certify that **MATHURI, PRITHVIRAJ** (Date of birth:1996/03/04) from Dr.M.G.R Educational and Research Institute has completed the 2019 YZU Short-Term Exchange Program at Yuan Ze University from 17-23 of February 2019.

Chief of Global Affairs Office  
Yuan Ze University



## Certificate

23<sup>rd</sup> February 2019

GAOS-320180200024

This is to certify that **SUPRAJA, KAMALADEVI SARAVANAN** (Date of birth:1997/06/20) from Dr.M.G.R Educational and Research Institute has completed the 2019 YZU Short-Term Exchange Program at Yuan Ze University from 17-23 of February 2019.

Chief of Global Affairs Office  
Yuan Ze University





## Certificate

23<sup>rd</sup> February 2019  
GAOS-320180200025

This is to certify that **FAREEZA, FAYAZ** (Date of birth:1983/10/22) from Dr.M.G.R Educational and Research Institute has completed the 2019 YZU Short-Term Exchange Program at Yuan Ze University from 17-23 of February 2019.

Chief of Global Affairs Office  
Yuan Ze University

## STUDENT AND FACULTY EXCHANGE PROGRAMS

<b>Title of the Program</b>	International Summer Semester program on Artificial Intelligence
<b>University and Country</b>	Sung Kyun Kwan University, South Korea
<b>Date</b>	26th June to 24th July 2019



### Artificial Intelligence: Intelligent Agents, Search Algorithms Machine Learning, Deep Learning, Ethics

Over the course of 24 days, the classes spanned from the basic to complex aspects of Artificial Intelligence. Starting from the basic intelligent agents present in any AI related functionality, different tasks and parameters of an agent. From which we were taken through multiple search algorithm to provide efficient and concrete theoretical solutions for multiple problems and real world applications. As we moved deeper into the class Machine learning was the next main focus point, in which AL, ML, DL, linear and logistic Regression was Looked through. From the understanding we got from much of the complex topics we moved into one of the main topics in AI, Deep learning. As the complexity of Deep learning was vast we were only able to scratch the surface of it. The last topic was Ethics revolving around AI.



# Certificate of Completion



Sungkyunkwan University (SKKU) awards this certificate to

***EDWIN GEORGE CHERIAN***

In recognition of successfully completing the 2019 SKKU  
**International Summer Semester** from June 26 to July 24, 2019

July 24, 2019

*Dong Ryeol Shin*

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Dong Ryeol Shin, Ph.D.  
President

# SUNGKYUNKWAN UNIVERSITY

25-2, Sungkyunkwan-ro, Jongno-gu  
Seoul 03063, Korea

ISS Transcript Supplement

DATE : 2019/07/26

Name in Full	:	EDWIN GEORGE CHERIAN
Date of Birth	:	1994/02/14
Sex	:	MALE
Date of Admission	:	2019/06/26

Course Title	Credits	Percentage	Grade
Artificial Intelligence	3	80	P

\* End of Record \*


Remarks :

1. Hours-per-Week : one hour of class work for 1 semester makes 1 credit, two or more hours of laboratory work per week for 1 semester make 1 credit.

2. Week-per-year : 16 Weeks make 1 semester and 2 semesters make one academic year.

3. Grading System :

A+(95-100): 4.5, A(90-94): 4.0, B+(85-89): 3.5, B(80-84): 3.0, C+(75-79): 2.5, C(70-74): 2.0, D+(65-69): 1.5, D(60-64): 1.0, P: Pass, R: Repeated Course

  
**Hyun Soon Park, Ph. D.**  
Vice President of  
International  
Affairs Division

## STUDENT AND FACULTY EXCHANGE PROGRAMS

<b>Title of the Program</b>	Web Design
<b>University and Country</b>	Asia University, Taiwan
<b>Date</b>	8th July to 30th July 2019



### WEB DESIGN

Greetings to all, I am a Professor of Vis.com and Animation Department who went alongside the students to "TAIWAN" for the 2019 SUMMER ASIA UNIVERSITY, Web Designing Course, TAIWAN Program. It was an incredible chance to learn website composition, the Chinese language, a visit to their places and to taste their cooking styles. It gave us new experience on movement, food, culture, studies and individuals out there we were so energized when we entered Asia University, Prof. Dr Edgar Lin gave us a direction Programme on web designing, we had our grounds visit with the educators and group to Street shopping and investigated places close to University. It caused us to will consolidate and made some great memories with badge mates we were taken to Bali craftsmanship exhibition hall and had a decent photograph meeting, awesome 101 vivified characters were there in the display. The day finished on visiting Nova Hyper market, electronic city, Feng Chia Night Market and we found a ton there, our first authority end of the week was spent on rest and food. After the end of the week, a brilliant meeting



on spoken Chinese and we were prepared to talk some fundamental Chinese our coach helped us more on articulation.

We began our normal classes and acquainted us with CSS and bootstrap. We found the main site and their Programming code in the meeting. One of our student Arul Ganesh introduced drawing of Miauyu café shop holder and he skilled Arul Ganesh with Taiwanese tidbits. We additionally got an opportunity to play volleyball with international inmates. We used to take care of tasks with respect to the substance thought in the bootstrap in web designing which are the intriguing meetings. Alongside Professor Mr Edgar Lin around the same time we had our city visit 2.0 to sun moon lake with the badge mates. We began with our last venture for which we were isolated into five gatherings and finished a web designing. In the interest of Dr.M.G.R. College our student Arul Ganesh introduced a Portrait of Professor Pinny - a Chinese educator as a badge of affection and appreciation. Arul Ganesh and Praveen Raj got the primary prize on dynamic interest in Chinese us with little electronic devices. At long last we finished our Chinese class effectively and glad to declare Indian banged the principal prize in test meeting than different nations. Our last venture movement is going on with the soul on some time we had great social at Zhonghua night market. We were in the last class on the bootstrap and began with singular activities. We had enlightening meetings on prologue to Adobe after Effects and Illustrator by sites designer Mr Mario. On our twentieth day we visited to Taipei Skycraft, then, at that point to looming and bought electronic merchandise, the following day is to Zongxiang Dunhua market where we saw numerous night shops. We finished our last undertakings and granted course completion Certificate in the Valedictory Ceremony followed by Chinese Cuisine for Lunch. We were valued with the authentications on web designing by Professor Mr Edgar Lin. We left from Taipei on 31/07/2019 and came to Chennai on 01/08/2019. With a ton of regard and earnest because of our Honorable and Dynamic President Sir, for giving a particularly great chance to go to this Programme. I might want to thank every one of the co-facilitators, colleagues and educators for getting this going with their help. An uncommon notice to our area of expertise Head Mrs Jeevalatha mam and the division staffs for making a stage forward to make us experience a memorable journey.



亞洲大學

## Certificate of Attendance

AU 2019 Summer Programs

This is to certify that

Mr. ARUL GANESH RAJESH  
from Dr. M.G.R. Educational and Research Institute, University

has successfully completed the summer program in

## Web Design

at Asia University between the following dates

8 / July / 2019 and 30 / July / 2019  
Date Month Year Date Month Year

**College of Information and Electrical Engineering**

for a total of 60 hours. These hours of study can be transferred  
for credits by the university where the student in question comes from.

**Asia University, Taiwan**

500, Lioufeng Rd., Wufeng, Taichung 41354, Taiwan  
Tel: +886-4-23323456 Fax: +886-4-23316699







亞洲大學

## Certificate of Attendance

AU 2019 Summer Programs

This is to certify that

Mr. PRAVEEN RAJ SUNBABU  
from Dr. M.G.R. Educational and Research Institute, University

has successfully completed the summer program in

## Web Design

at Asia University between the following dates

8 / July / 2019 and 30 / July / 2019  
Date Month Year Date Month Year

**College of Information and Electrical Engineering**

for a total of 60 hours. These hours of study can be transferred  
for credits by the university where the student in question comes from.

**Asia University, Taiwan**



500, Lioufeng Rd., Wufeng, Taichung 41354, Taiwan  
Tel: +886-4-23323456 Fax: +886-4-23316699





亞洲大學

## Certificate of Attendance

AU 2019 Summer Programs

This is to certify that

Mr. MOHAMED ASLAM IQBAL  
from Dr. M.G.R. Educational and Research Institute, University

has successfully completed the summer program in

## Web Design

at Asia University between the following dates

8 / July / 2019 and 30 / July / 2019  
Date Month Year Date Month Year

**College of Information and Electrical Engineering**

for a total of 60 hours. These hours of study can be transferred

for credits by the university where the student in question comes from.

**Asia University, Taiwan**



500, Lioufeng Rd., Wufeng, Taichung 41354, Taiwan  
Tel: +886-4-23323456 Fax: +886-4-23316699



亞洲大學

## Certificate of Attendance

AU 2019 Summer Programs

This is to certify that

Mr. PAVITHRAN THAVAMANI  
from Dr. M.G.R. Educational and Research Institute, University

has successfully completed the summer program in

## Web Design

at Asia University between the following dates

8 / July / 2019 and 30 / July / 2019  
Date Month Year Date Month Year

**College of Information and Electrical Engineering**

for a total of 60 hours. These hours of study can be transferred  
for credits by the university where the student in question comes from.

**Asia University, Taiwan**

500, Lioufeng Rd., Wufeng, Taichung 41354, Taiwan  
Tel: +886-4-23323456 Fax: +886-4-23316699







亞洲大學

## Certificate of Attendance

AU 2019 Summer Programs

This is to certify that

Professor and Mentor Mr. T.P. DHANUSH RAM  
from Dr. M.G.R. Educational and Research Institute, University

has successfully completed the summer program in

## Web Design

at Asia University between the following dates

8 / July / 2019 and 30 / July / 2019  
Date Month Year Date Month Year

**College of Information and Electrical Engineering**

for a total of 60 hours. These hours of study can be transferred

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**Asia University, Taiwan**

500, Lioufeng Rd., Wufeng, Taichung 41354, Taiwan  
Tel: +886-4-23323456 Fax: +886-4-23316699





## STUDENT AND FACULTY EXCHANGE PROGRAMS

<b>Title of the Program</b>	Fin Tech
<b>University and Country</b>	Asia University, Taiwan
<b>Date</b>	8th July to 30th July 2019



### **2019 Summer Program, Fintech, Asia University, Taiwan** **Abstract on Fintech Summer**

The Faculty of Management Studies Visited between July 11 and July 27 Asia University in Taiwan. As MBA students, they come across different challenges in the corporate world. Exchange program at Asia University was an fruitful and it was a mind-blowing opportunity to enhance student knowledge. They learnt a great deal about the FinTech and its programming aspects. Also, they gained so much experience on team/group-work. Student believe most if not all students are now able to practically think and work faster. The other fundamental lesson learnt was to be more inquisitive to the lectures. Lectures were very welcoming and they taught us a lot. The program also had a specific focus on Block chain technology, financial big data analytics and financial innovations. Data analytics thinking, business problems and data science solutions but also touches on programming features ( python), and identifying different types of techniques used. For most, this is one of the most memorable trips throughout a postgraduate's lifespan as it provides an insight in to practical knowledge outside of the class-room, specially the visit to The Taiwan Stock Exchange. In addition to this, it also provided the necessary foundation to get acquainted with peers, demonstrators and the lecturers.



# 亞洲大學

## Certificate of Attendance AU 2019 Summer Programs

This is to certify that

Mr. / Ms. JOHNSON.S

from

Dr. M.G.R Educational and Research Institute, University

has successfully completed the summer program in

*Financial Technology*

at Asia University between the following dates

15	/	July	/	2019	and	26	/	July	/	2019
Date		Month		Year		Date		Month		Year

in the Colleges(s) of Management

for a total of 60 hours. These hours of study can be transferred  
for credits by the university where the student in question comes from.



**Asia University, Taiwan**

500, Lioufeng Rd., Wufeng, Taichung 41354, Taiwan

Tel: +886-4-23323456 Fax: +886-4-23316699



## ASIA UNIVERSITY OFFICIAL TRANSCRIPT

SecCOC No.2019000341

<http://www.asia.edu.tw/> Mail: [ccae@asia.edu.tw](mailto:ccae@asia.edu.tw)  
500 Lioufeng Road, Wufeng, Taichung, 41354, Taiwan  
Tel: +886-4-23323456 Fax: +886-4-23321057

NAME OF STUDENT: JOHNSON.S

PROGRAMME: NON-GRADUATING STUDENT (SUMMER PROGRAMM)

2019 - SOECIAL TERM II

Course Description	Credits	Score
<u>Financial Technology</u>	3	97

TOTAL ACADEMIC UNITS EARNED: 3

Director, Division of Continuing Education

Date of Issue: 26 JULY 2019





# 亞洲大學

## Certificate of Attendance AU 2019 Summer Programs

This is to certify that

Mr. / Ms. MANOHAR H G

from

Dr. M.G.R Educational and Research Institute, University

has successfully completed the summer program in

*Financial Technology*

at Asia University between the following dates

15 / July / 2019 and 26 / July / 2019  
Date Month Year Date Month Year

in the Colleges(s) of Management

for a total of 60 hours. These hours of study can be transferred  
for credits by the university where the student in question comes from.



**Asia University, Taiwan**

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Tel: +886-4-23323456 Fax: +886-4-23316699



## ASIA UNIVERSITY OFFICIAL TRANSCRIPT

SecCOC No.2019000342

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500 Lioufeng Road, Wufeng, Taichung, 41354, Taiwan  
Tel: +886-4-23323456 Fax: +886-4-23321057

NAME OF STUDENT: MANOHAR H G

PROGRAMME: NON-GRADUATING STUDENT (SUMMER PROGRAMM)

2019 - SOECIAL TERM II

Course Description	Credits	Score
<u>Financial Technology</u>	3	97

TOTAL ACADEMIC UNITS EARNED: 3

Director, Division of Continuing Education

Date of Issue: 26 JULY 2019





**亞洲大學**

**Certificate of Attendance  
AU 2019 Summer Programs**

This is to certify that

**Mr. / Ms. HARIPRAKASH.A**

from

**Dr. M.G.R Educational and Research Institute, University**

has successfully completed the summer program in

***Financial Technology***

at Asia University between the following dates

**15 / July / 2019 and 26 / July / 2019**  
Date Month Year Date Month Year

in the Colleges(s) of Management

for a total of 60 hours. These hours of study can be transferred  
for credits by the university where the student in question comes from.



**Asia University, Taiwan**

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Tel: +886-4-23323456 Fax: +886-4-23316699



## ASIA UNIVERSITY OFFICIAL TRANSCRIPT

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Tel: +886-4-23323456 Fax: +886-4-23321057

NAME OF STUDENT: HARIPRAKASH.A

PROGRAMME: NON-GRADUATING STUDENT (SUMMER PROGRAMM)

2019 - SOECIAL TERM II

Course Description	Credits	Score
<u>Financial Technology</u>	3	95

TOTAL ACADEMIC UNITS EARNED: 3

Director, Division of Continuing Education

Date of Issue: 26 JULY 2019



# 亞洲大學

## Certificate of Attendance AU 2019 Summer Programs

This is to certify that

Mr. / Ms. ALI ASGAR KHANDWAWALA

from

Dr. M.G.R Educational and Research Institute, University

has successfully completed the summer program in

*Financial Technology*

at Asia University between the following dates

15 / July / 2019 and 26 / July / 2019  
Date Month Year Date Month Year

in the Colleges(s) of Management

for a total of 60 hours. These hours of study can be transferred  
for credits by the university where the student in question comes from.



**Asia University, Taiwan**

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## ASIA UNIVERSITY OFFICIAL TRANSCRIPT

SecCOC No.2019000337

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Tel: +886-4-23323456 Fax: +886-4-23321057

NAME OF STUDENT: ALI ASGAR KHANDWAWALA

PROGRAMME: NON-GRADUATING STUDENT (SUMMER PROGRAMM)

2019 - SOECIAL TERM II

Course Description	Credits	Score
<u>Financial Technology</u>	3	97

TOTAL ACADEMIC UNITS EARNED: 3

Director, Division of Continuing Education

Date of Issue: 26 JULY 2019



**亞洲大學**

**Certificate of Attendance  
AU 2019 Summer Programs**

This is to certify that

**Mr. / Ms. A. MATHEW BRANESH**

from

**Dr. M.G.R Educational and Research Institute, University**

has successfully completed the summer program in

*Financial Technology*

at Asia University between the following dates

15 / July / 2019 and 26 / July / 2019  
Date Month Year Date Month Year

in the Colleges(s) of Management

for a total of 60 hours. These hours of study can be transferred  
for credits by the university where the student in question comes from.



**Asia University, Taiwan**

500, Lioufeng Rd., Wufeng, Taichung 41354, Taiwan  
Tel: +886-4-23323456 Fax: +886-4-23316699



## ASIA UNIVERSITY OFFICIAL TRANSCRIPT

SecCOC No.2019000336

<http://www.asia.edu.tw/> Mail: [ccae@asia.edu.tw](mailto:ccae@asia.edu.tw)  
500 Lioufeng Road, Wufeng, Taichung, 41354, Taiwan  
Tel: +886-4-23323456 Fax: +886-4-23321057

NAME OF STUDENT: A. MATHEW BRANESH

PROGRAMME: NON-GRADUATING STUDENT (SUMMER PROGRAMM)

2019 - SOECIAL TERM II

Course Description	Credits	Score
<u>Financial Technology</u>	3	97

TOTAL ACADEMIC UNITS EARNED: 3

Director, Division of Continuing Education

Date of Issue: 26 JULY 2019





亞洲大學

**Certificate of Attendance  
AU 2019 Summer Programs**

This is to certify that

Mr. / Ms. ARUN T SOJAN

from

Dr. M.G.R Educational and Research Institute, University

has successfully completed the summer program in

*Financial Technology*

at Asia University between the following dates

15 / July / 2019 and 26 / July / 2019  
Date Month Year Date Month Year

in the Colleges(s) of Management

for a total of 60 hours. These hours of study can be transferred  
for credits by the university where the student in question comes from.



**Asia University, Taiwan**

500, Lioufeng Rd., Wufeng, Taichung 41354, Taiwan  
Tel: +886-4-23323456 Fax: +886-4-23316699



## ASIA UNIVERSITY OFFICIAL TRANSCRIPT

SecCOC No.2019000338

<http://www.asia.edu.tw/> Mail: [ccae@asia.edu.tw](mailto:ccae@asia.edu.tw)  
500 Lioufeng Road, Wufeng, Taichung, 41354, Taiwan  
Tel: +886-4-23323456 Fax: +886-4-23321057

NAME OF STUDENT: ARUN T SOJAN

PROGRAMME: NON-GRADUATING STUDENT (SUMMER PROGRAMM)

2019 - SOECIAL TERM II

Course Description	Credits	Score
<u>Financial Technology</u>	3	95

TOTAL ACADEMIC UNITS EARNED: 3

Director, Division of Continuing Education

Date of Issue: 26 JULY 2019



# 亞洲大學

## Certificate of Attendance AU 2019 Summer Programs

This is to certify that

Mr. / Ms. DR. A. DEVENDRAN

from

Dr. M.G.R Educational and Research Institute, University

has successfully completed the summer program in

*Financial Technology*

at Asia University between the following dates

15 / July / 2019 and 26 / July / 2019  
Date Month Year Date Month Year

in the Colleges(s) of Management

for a total of 60 hours. These hours of study can be transferred  
for credits by the university where the student in question comes from.



**Asia University, Taiwan**

500, Lioufeng Rd., Wufeng, Taichung 41354, Taiwan  
Tel: +886-4-23323456 Fax: +886-4-23316699





## ASIA UNIVERSITY OFFICIAL TRANSCRIPT

SecCOC No.2019000339

<http://www.asia.edu.tw/> Mail: [cae@asia.edu.tw](mailto:cae@asia.edu.tw)  
500 Lioufeng Road, Wufeng, Taichung, 41354, Taiwan  
Tel: +886-4-23323456 Fax: +886-4-23321057

NAME OF STUDENT: DR. A. DEVENDRAN

PROGRAMME: NON-GRADUATING STUDENT (SUMMER PROGRAMM)

2019 - SOECIAL TERM II

Course Description	Credits	Score
<u>Financial Technology</u>	3	97

TOTAL ACADEMIC UNITS EARNED: 3

Director, Division of Continuing Education

Date of Issue: 26 JULY 2019

## STUDENT AND FACULTY EXCHANGE PROGRAMS

<b>Title of the Program</b>	Artificial Intelligence
<b>University and Country</b>	Asia University, Taiwan
<b>Date</b>	16th July to 29th July 2019



### Artificial Intelligence

The Students gathered the knowledge of Artificial Intelligence and how it relates to Python programming. For an advancement of IOT, the students also learned how the AI is embedded with IOT(AIOT).With regard to the applications of AI, Students learned about it's impact on virtual games, neural networks and its influences on medical science such as medical image processing,Endoscopy,Tomography,Medical resonance imaging scan and finding air content in Tumour.

For a Big data management system, Students learned about the data sciences and how to manage big data with Hadoop.The students had been taught about machine learning using Microsoft Azure, Industry 4.0 and Block chains with AI.



**Certificate of Attendance**  
**for AU 2019 Summer Programs**

This is to certify that

**Mr. CHINNAPPAMUDALIYAR NARAYANAMURTHY SAKTHI GNANA SUNDAR**

from

**Dr.M.G.R Educational and Research Institute, University**

has successfully completed the summer program in

**Artificial Intelligence**

at Asia University between the following dates

16 / July / 2019 and 29 / July / 2019

for a total of 58 hours. These hours of study can be transferred  
for credits by the university where the student in question comes from.



**College of Information and Electrical Engineering**  
**Asia University, Taiwan**

500, Lioufeng Rd., Wufeng, Taichung 41354, Taiwan  
Tel: +886-4-23323456 Fax: +886-4-23316699





# ASIA UNIVERSITY OFFICIAL TRANSCRIPT

Sec COC No.2019000185

<http://www.asia.edu.tw/> Mail: [acec@asia.edu.tw](mailto:acec@asia.edu.tw)  
500 Lioufeng Road, Wufeng, Taichung, 41354, Taiwan  
Tel: +886-4-23323456 Fax: +886-4-23321057

NAME OF STUDENT: CHINNAPPAMUDALIYAR NARAYANAMURTHY SAKTHI GNANA SUNDAR

PROGRAMME: NON-GRADUATING STUDENT (SUMMER PROGRAMME)

2019 - SPECIAL TERM II

Course Description	Credits	Score
1. Artificial Intelligence	3	91

TOTAL ACADEMIC UNITS EARNED: 3

*C. C. Chen*

REGISTRAR

Date of Issue: 29 JULY 2019

HEALTH • CARE • INNOVATION • EXCELLENCE



## **Certificate of Attendance** **for AU 2019 Summer Programs**

This is to certify that

**Mr. SARAVANA BALAJI.S**

from

**Dr.M.G.R Educational and Research Institute, University**

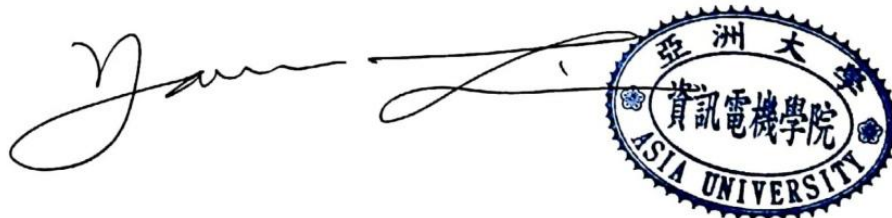
has successfully completed the summer program in

**Artificial Intelligence**

at Asia University between the following dates

16 / July / 2019 and 29 / July / 2019

for a total of 58 hours. These hours of study can be transferred  
for credits by the university where the student in question comes from.



**College of Information and Electrical Engineering**  
**Asia University, Taiwan**

500, Lioufeng Rd., Wufeng, Taichung 41354, Taiwan  
Tel: +886-4-23323456 Fax: +886-4-23316699



# ASIA UNIVERSITY

## OFFICIAL TRANSCRIPT

Sec COC No.2019000263

<http://www.asia.edu.tw/> Mail: [acec@asia.edu.tw](mailto:acec@asia.edu.tw)

500 Lioufeng Road, Wufeng, Taichung, 41354, Taiwan

Tel: +886-4-23323456 Fax: +886-4-23321057

NAME OF STUDENT: SARAVANA BALAJIS

PROGRAMME: NON-GRADUATING STUDENT (SUMMER PROGRAMME)

2019 - SPECIAL TERM II

Course Description	Credits	Score
1. Artificial Intelligence	3	90

TOTAL ACADEMIC UNITS EARNED: 3

*C. C. Chen*

REGISTRAR

Date of Issue: 29 JULY 2019

HEALTH • CARE • INNOVATION • EXCELLENCE





## **Certificate of Attendance for AU 2019 Summer Programs**

This is to certify that

**Mr. HARISH PALANI**

from

**Dr.M.G.R Educational and Research Institute, University**

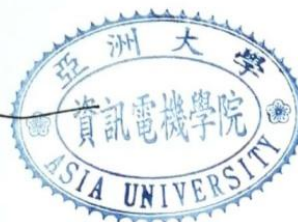
has successfully completed the summer program in

**Artificial Intelligence**

at Asia University between the following dates

16 / July / 2019 and 29 / July / 2019

for a total of 58 hours. These hours of study can be transferred  
for credits by the university where the student in question comes from.



**College of Information and Electrical Engineering  
Asia University, Taiwan**

500, Lioufeng Rd., Wufeng, Taichung 41354, Taiwan  
Tel: +886-4-23323456 Fax: +886-4-23316699



# ASIA UNIVERSITY OFFICIAL TRANSCRIPT

Sec COC No.2019000186

<http://www.asia.edu.tw/> Mail:acec@asia.edu.tw  
500 Lioufeng Road, Wufeng, Taichung, 41354, Taiwan  
Tel: +886-4-23323456 Fax: +886-4-23321057

NAME OF STUDENT: HARISH PALANI

PROGRAMME: NON-GRADUATING STUDENT (SUMMER PROGRAMME)

2019 - SPECIAL TERM II

Course Description	Credits	Score
1. Artificial Intelligence	3	85

TOTAL ACADEMIC UNITS EARNED: 3

*C. C. Chen*

REGISTRAR

Date of Issue: 29 JULY 2019

HEALTH • CARE • INNOVATION • EXCELLENCE



## **Certificate of Attendance** for AU 2019 Summer Programs

This is to certify that

**Mr. KUNDAN ROY**

from

**Dr.M.G.R Educational and Research Institute, University**

has successfully completed the summer program in

**Artificial Intelligence**

at Asia University between the following dates

16 / July / 2019 and 29 / July / 2019

for a total of 58 hours. These hours of study can be transferred

for credits by the university where the student in question comes from.



**College of Information and Electrical Engineering**  
**Asia University, Taiwan**

500, Lioufeng Rd., Wufeng, Taichung 41354, Taiwan  
Tel: +886-4-23323456 Fax: +886-4-23316699





# ASIA UNIVERSITY

## OFFICIAL TRANSCRIPT

Sec COC No.2019000262

<http://www.asia.edu.tw/> Mail: [acc@asia.edu.tw](mailto:acc@asia.edu.tw)  
500 Lioufeng Road, Wufeng, Taichung, 41354, Taiwan  
Tel: +8864-23323456 Fax: +8864-23321057

NAME OF STUDENT: KUNDAN ROY

PROGRAMME: NON-GRADUATING STUDENT (SUMMER PROGRAMME)

2019 - SPECIAL TERM II

Course Description	Credits	Score
1. Artificial Intelligence	3	90

TOTAL ACADEMIC UNITS EARNED: 3

*C. C. Chen*

REGISTRAR

Date of Issue: 29 JULY 2019

HEALTH • CARE • INNOVATION • EXCELLENCE



## **Certificate of Attendance** **for AU 2019 Summer Programs**

This is to certify that

**Mr. DEVENDHIRAN VENKATESAN**

from

**Sri Balaji Chockalingam Engineering College**

has successfully completed the summer program in

**Artificial Intelligence**

at Asia University between the following dates

16 / July / 2019 and 29 / July / 2019

for a total of 58 hours. These hours of study can be transferred

for credits by the university where the student in question comes from.



**College of Information and Electrical Engineering**  
**Asia University, Taiwan**

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# ASIA UNIVERSITY

## OFFICIAL TRANSCRIPT

See COC No.2019000187

<http://www.asia.edu.tw/> Mail: [acec@asia.edu.tw](mailto:acec@asia.edu.tw)

500 Lioufeng Road, Wufeng, Taichung, 41354, Taiwan

Tel: +886-4-23323456 Fax: +886-4-23321057

NAME OF STUDENT: DEVENDHIRAN VENKATESAN

PROGRAMME: NON-GRADUATING STUDENT (SUMMER PROGRAMME)

2019 - SPECIAL TERM II

Course Description	Credits	Score
1. Artificial Intelligence	3	85

TOTAL ACADEMIC UNITS EARNED: 3

*C. C. Chen*

REGISTRAR

Date of Issue: 29 JULY 2019

HEALTH • CARE • INNOVATION • EXCELLENCE





## Certificate of Attendance AU 2019 Summer Programs

This is to certify that

Dr. M. Anand, Professor/Mentor, ECE from  
Dr. M.G.R Educational and Research Institute, University

has successfully completed the summer program in

*Artificial Intelligence*

at Asia University between the following dates

16/ July /2019 and 29/ July / 2019

for a total of 58 hours. These hours of study can be transferred  
for credits by the university where the student in question comes from.



College of Information & Electrical Engineering

### Asia University, Taiwan

500, Lioufeng Rd., Wufeng, Taichung 41354, Taiwan  
Tel: +886-4-23323456 Fax: +886-4-23316699



# ASIA UNIVERSITY

## OFFICIAL TRANSCRIPT

Sec COC No.2019000218

<http://www.asia.edu.tw/> Mail: [acec@asia.edu.tw](mailto:acec@asia.edu.tw)  
500 Lioufeng Road, Wufeng, Taichung, 41354, Taiwan  
Tel: +886-4-23323456 Fax: +886-4-23321057

NAME OF STUDENT: MARGABANDU ANAND

PROGRAMME: NON-GRADUATING STUDENT (SUMMER PROGRAMME)

2019 - SPECIAL TERM II

Course Description	Credits	Score
1. Artificial Intelligence	3	90

TOTAL ACADEMIC UNITS EARNED: 3

*C. C. Chen*

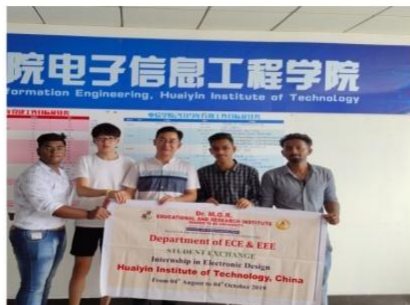
REGISTRAR

Date of Issue: 29 JULY 2019

HEALTH • CARE • INNOVATION • EXCELLENCE

## STUDENT AND FACULTY EXCHANGE PROGRAMS

<b>Title of the Program</b>	Research internship in Communication Electronics Technology
<b>University and Country</b>	Huayin Institute of Technology, China
<b>Date</b>	29th July to 29th September 2019



### Electronic Design

The project gave insights into the handling of electromagnetic gun, printed circuit boards and RFID technology. The objective of this was to understand the operations of the usage of the electromagnetic gun in different scenarios. Printed circuit boards are used in multiple applications and this will enable to understand the technology of PCB. RFID technology is used for specific purposes and knowledge gained can be utilized by the university in future projects.

PCB based applications are being used in almost all appliances and to control process parameters in chemical, petrochemical and other industries. PCB's can be designed to meet a specific requirement and can be assembled depending on the actual usage. PCB based applications are used even in medical devices where door closing / opening are controlled using programmable logic controllers (PLC) even the parameters like pressure; temperature can be controlled using PLC based application.





# 淮阴工学院

## Certificate of Participation HYIT2019 Students Exchange Research Internship

This is to certify that

Mr./Ms. SAI KIRAN DAS

from

Dr.M.G.R Educational and Research Institute, University

has successfully completed the students exchange research internship in

*Communication Electronics Technology*

at Huaiyin Institute of Technology between the following dates

4 / August / 2019 and 4 / October / 2019

Date Month Year Date Month Year

in the Faculty of Electronic Engineering Information

for a total of 160 hours. These hours of study can be transferred  
for credits by the university where the student in question comes from.

  
Sugun Cao

**Huaiyin Institute of Technology, China**

1 Meicheng Rd, Huaian 223003, Jiangsu, P.R. China

Tel:+86-517-83591070 Fax:+86-517-83524666



# 淮阴工学院

## Certificate of Participation

### HYIT 2019 Students Exchange Research Internship

This is to certify that

Mr./Ms. VENKATRAMAN SURESH

from

Dr.M.G.R Educational and Research Institute, University

has successfully completed the students exchange research internship in

*Communication Electronics Technology*

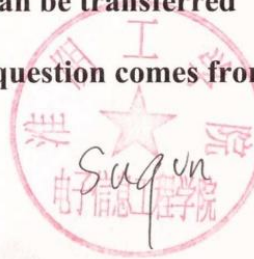
at Huaiyin Institute of Technology between the following dates

4 / August / 2019 and 4 / October / 2019

Date Month Year Date Month Year

in the Faculty of Electronic Engineering Information

for a total of 160 hours. These hours of study can be transferred  
for credits by the university where the student in question comes from.



Sugun Cao

**Huaiyin Institute of Technology, China**

1 Meicheng Rd, Huaian 223003, Jiangsu, P.R. China

Tel: +86-517-83591070 Fax: +86-517-83524666





# 淮阴工学院

## Certificate of Participation

### HYIT2019 Students Exchange Research Internship

This is to certify that

Mr./Ms. PRAVEEN KUMAR ANAND

from

Dr.M.G.R Educational and Research Institute, University

has successfully completed the students exchange research internship in

*Communication Electronics Technology*

at Huaiyin Institute of Technology between the following dates

4 / August / 2019 and 4 / October / 2019

Date Month Year Date Month Year

in the Faculty of Electronic Engineering Information

for a total of 160 hours. These hours of study can be transferred  
for credits by the university where the student in question comes from.

**Huaiyin Institute of Technology, China**

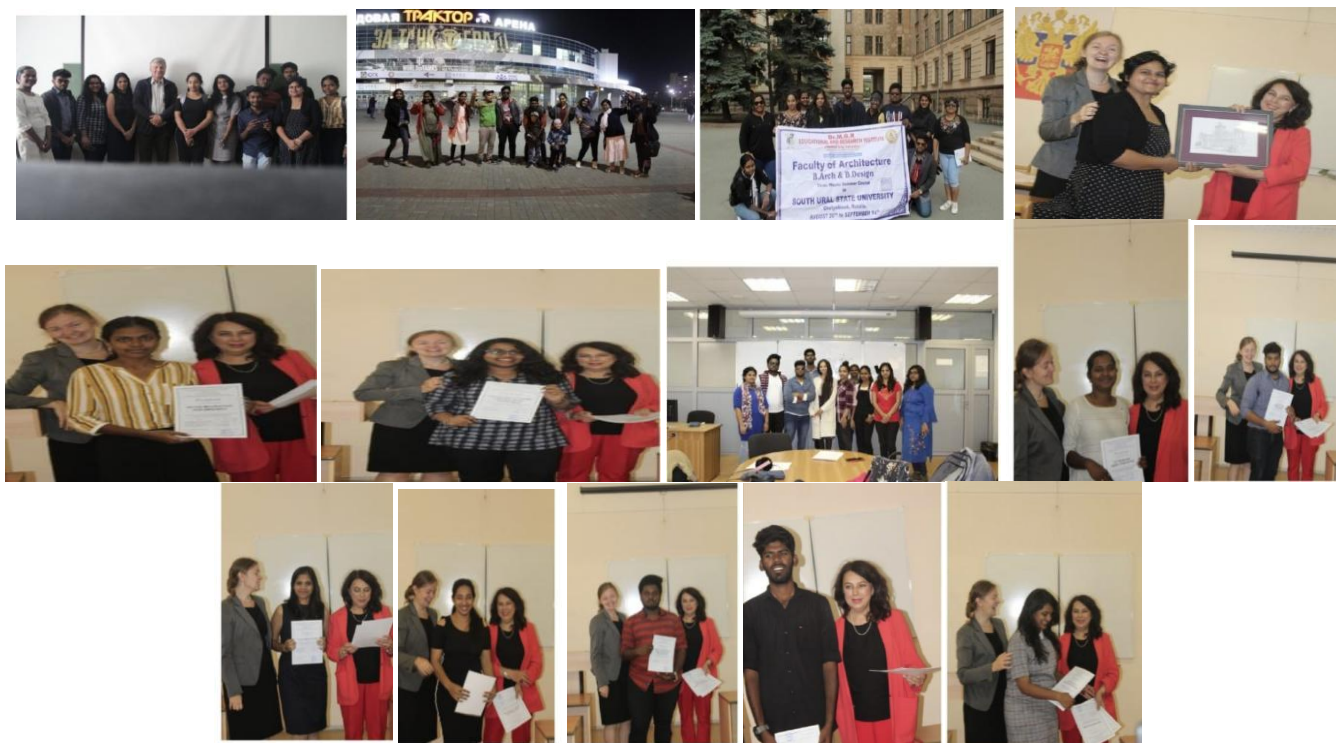
1 Meicheng Rd, Huaian 223003, Jiangsu, P.R. China

Tel:+86-517-83591070 Fax:+86-517-83524666



## STUDENT AND FACULTY EXCHANGE PROGRAMS

<b>Title of the Program</b>	Design Collaborative Summer School Program
<b>University and Country</b>	South Ural State University, Russia
<b>Date</b>	24th August 2019 to 16th September 2019



This course is customised and exclusively based on Active learning, a process whereby students engage in activities, such as reading, writing, discussing, or problem solving that promote analysis, evaluation, and creating. It moves students from passive e.g. listening to a lecture, to the active where students are engaged agents in their own learning.

The learning outcome is excellent. The usual methodology which we find it difficult to deconstruct is customised and output-oriented. Such as on how you might ignite a person's interest in the content. What types of resources do you need to explore the concepts? Make some decisions around individual or group learning and plot strategies accordingly. How will you measure students' grasp of the concepts and content? What method should you use to gain their feedback or reflection?

The Curriculum Specialists and Educational Technology Specialists provide input on instructional strategies and educational technology tools respectively to engage students' interest and abilities. The following Courses were taken by the students (ten in number), a small focused group customised specially for them.

- Architectural design
- Aesthetics of form and space
- PC Interactive design
- Furniture Design
- Construction materials

Ministry of Education and Science of the Russian Federation  
Federal State Autonomous Educational Institution  
of Higher Education  
"South Ural State University"  
(National Research University)  
Institute of Linguistics and International Communications

# Certificate

The present certificate is issued

## RAVI SWETHAA SRI

to certify that in the period since August 26th, 2019 till September 15th, 2019  
took at South Ural State University (Chelyabinsk, Russia)  
the following subjects and got the following grades:

Subject	Hours	Grade	Grade (in points)
AESTHETICS OF FORMS AND SPACE	18	Excellent	96
PC INTERACTIVE DESIGN	18	Good	75
CONSTRUCTION MATERIALS	18	Excellent	92
ARCHITECTURAL DESIGN	18	Excellent	94
FURNITURE DESIGN	18	Excellent	96

Rector of South Ural State University

 A.L. Shestakov

Director of Institute  
of architecture and construction

  
 D.V. Ulrikh



Ministry of Education and Science of the Russian Federation  
Federal State Autonomous Educational Institution  
of Higher Education  
"South Ural State University"  
(National Research University)  
Institute of Linguistics and International Communications

# Certificate

The present certificate is issued

**ANTONY SAMY  
SWEETHA JOSELINE**

to certify that in the period since August 26th, 2019 till September 15th, 2019  
took at South Ural State University (Chelyabinsk, Russia)  
the following subjects and got the following grades:

Subject	Hours	Grade	Grade (in points)
AESTHETICS OF FORMS AND SPACE	18	Excellent	96
PC INTERACTIVE DESIGN	18	Good	75
CONSTRUCTION MATERIALS	18	Excellent	92
ARCHITECTURAL DESIGN	18	Excellent	94
FURNITURE DESIGN	18	Excellent	96

Rector of South Ural State University



A.L. Shestakov

Director of Institute  
of architecture and construction



D.V. Ulrikh



Ministry of Education and Science of the Russian Federation  
Federal State Autonomous Educational Institution  
of Higher Education  
"South Ural State University"  
(National Research University)  
Institute of Linguistics and International Communications

# Certificate

The present certificate is issued

**SIVASUBRAMANIAN  
SOUNDHARYA**

to certify that in the period since August 26th, 2019 till September 15th, 2019  
took at South Ural State University (Chelyabinsk, Russia)  
the following subjects and got the following grades:

Subject	Hours	Grade	Grade (in points)
AESTHETICS OF FORMS AND SPACE	18	Excellent	96
PC INTERACTIVE DESIGN	18	Satisfactory	65
CONSTRUCTION MATERIALS	18	Excellent	93
ARCHITECTURAL DESIGN	18	Excellent	94
FURNITURE DESIGN	18	Excellent	96

Rector of South Ural State University

 A.L. Shestakov

Director of Institute  
of architecture and construction

 D.V. Ulrikh  




Ministry of Education and Science of the Russian Federation  
Federal State Autonomous Educational Institution  
of Higher Education  
"South Ural State University"  
(National Research University)  
Institute of Linguistics and International Communications

# Certificate

The present certificate is issued

**VALAN ARUL RAJA**  
**ANTONY JOE**

to certify that in the period since August 26th, 2019 till September 15th, 2019  
took at South Ural State University (Chelyabinsk, Russia)  
the following subjects and got the following grades:

Subject	Hours	Grade	Grade (in points)
AESTHETICS OF FORMS AND SPACE	18	Excellent	96
PC INTERACTIVE DESIGN	18	Satisfactory	70
CONSTRUCTION MATERIALS	18	Excellent	93
ARCHITECTURAL DESIGN	18	Excellent	94
FURNITURE DESIGN	18	Excellent	96

Rector of South Ural State University

 A.L. Shestakov

Director of Institute  
of architecture and construction

 D.V. Ulrikh  




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Institute of Linguistics and International Communications

# Certificate

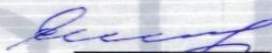
The present certificate is issued

**RAGHUPATHI  
DHINAKAR**

to certify that in the period since August 26th, 2019 till September 15th, 2019  
took at South Ural State University (Chelyabinsk, Russia)  
the following subjects and got the following grades:

Subject	Hours	Grade	Grade (in points)
AESTHETICS OF FORMS AND SPACE	18	Excellent	96
PC INTERACTIVE DESIGN	18	Good	85
CONSTRUCTION MATERIALS	18	Excellent	94
ARCHITECTURAL DESIGN	18	Excellent	94
FURNITURE DESIGN	18	Excellent	96

Rector of South Ural State University

 A.L. Shestakov

Director of Institute  
of architecture and construction

  
 D.V. Ulrikh



Ministry of Education and Science of the Russian Federation  
Federal State Autonomous Educational Institution  
of Higher Education  
"South Ural State University"  
(National Research University)  
Institute of Linguistics and International Communications

# Certificate

The present certificate is issued

**SUNDERBABU  
AKHILANDESWARI**

to certify that in the period since August 26th, 2019 till September 15th, 2019  
took at South Ural State University (Chelyabinsk, Russia)  
the following subjects and got the following grades:

Subject	Hours	Grade	Grade (in points)
AESTHETICS OF FORMS AND SPACE	18	Excellent	96
PC INTERACTIVE DESIGN	18	Excellent	90
CONSTRUCTION MATERIALS	18	Excellent	93
ARCHITECTURAL DESIGN	18	Excellent	94
FURNITURE DESIGN	18	Excellent	96

Rector of South Ural State University

 A.L. Shestakov

Director of Institute  
of architecture and construction





Ministry of Education and Science of the Russian Federation  
Federal State Autonomous Educational Institution  
of Higher Education  
"South Ural State University"  
(National Research University)  
Institute of Linguistics and International Communications

# Certificate

The present certificate is issued

**SATHYANARAYANAN  
DHANASEKARAN  
DHASSANTH**

to certify that in the period since August 26th, 2019 till September 15th, 2019  
took at South Ural State University (Chelyabinsk, Russia)  
the following subjects and got the following grades:

Subject	Hours	Grade	Grade (in points)
AESTHETICS OF FORMS AND SPACE	18	Excellent	96
PC INTERACTIVE DESIGN	18	Excellent	90
CONSTRUCTION MATERIALS	18	Excellent	94
ARCHITECTURAL DESIGN	18	Excellent	94
FURNITURE DESIGN	18	Excellent	96

Rector of South Ural State University

 A.L. Shestakov

Director of Institute  
of architecture and construction

 D.V. Ulrikh  




Ministry of Education and Science of the Russian Federation  
Federal State Autonomous Educational Institution  
of Higher Education  
"South Ural State University"  
(National Research University)  
Institute of Linguistics and International Communications

# Certificate

The present certificate is issued

## GANTA HEMALATHA


to certify that in the period since August 26th, 2019 till September 15th, 2019  
took at South Ural State University (Chelyabinsk, Russia)  
the following subjects and got the following grades:

Subject	Hours	Grade	Grade (in points)
AESTHETICS OF FORMS AND SPACE	18	Excellent	96
PC INTERACTIVE DESIGN	18	Satisfactory	70
CONSTRUCTION MATERIALS	18	Excellent	93
ARCHITECTURAL DESIGN	18	Excellent	94
FURNITURE DESIGN	18	Excellent	96

Rector of South Ural State University

 A.L. Shestakov

Director of Institute  
of architecture and construction

  
signature  
signature  
D.V. Ulrikh



Ministry of Education and Science of the Russian Federation  
Federal State Autonomous Educational Institution  
of Higher Education  
"South Ural State University"  
(National Research University)  
Institute of Linguistics and International Communications

# Certificate

The present certificate is issued

**GOVINDAN  
AMBIGAPATHI  
SIVAPATHI**



to certify that in the period since August 26th, 2019 till September 15th, 2019  
took at South Ural State University (Chelyabinsk, Russia)  
the following subjects and got the following grades:

Subject	Hours	Grade	Grade (in points)
AESTHETICS OF FORMS AND SPACE	18	Excellent	96
PC INTERACTIVE DESIGN	18	Excellent	90
CONSTRUCTION MATERIALS	18	Excellent	93
ARCHITECTURAL DESIGN	18	Excellent	94
FURNITURE DESIGN	18	Excellent	96

Rector of South Ural State University

 A.L. Shestakov

Director of Institute  
of architecture and construction

 D.V. Ulrikh  


## STUDENT AND FACULTY EXCHANGE PROGRAMS

<b>Title of the Program</b>	Mozilla Festival 2019
<b>University and Country</b>	Ravensbourne University, UK
<b>Date</b>	25th October to 27th October 2019



### **An Approach to Queer Inclusive AI**

Artificial Intelligence thinks with a hetero normative conception of gender, which in turn reinforces gender stereotypes. As Machine Learning is a sub field of AI where algorithms learn from training data to make decisions. We'll be discussing on how machine learning algorithms maybe made more inclusive of queer people. Participants will learn why diversity is to important in AI and the ways to fix it.



### **Goals of this session**

The goal of the session is to have an open discussion with the participants regarding their experiences and identify all the problems caused by this current AI technology and brainstorm possible projects to benefit queer folks.

### **NEURO-SPACE**

Neurodiversity is the idea that neurological differences like autism and ADHD are the result of normal, natural variation in the human genome. In this session, we'll discuss creating a workplace that supports Neurodiversity people and how their actions and strategies like creativity and innovation, lateral thinking, strategic analysis can benefit all the staff in the work environment. We'll also discuss the best practices to integrate Neurodiversity people into the workforce and allow them to bring their unique strengths and skills to the work environment.

### **Goals of this session**

The goal of the session is to encourage people to share their stories and learn about how they can support Neurodiversity individuals as advisors, managers, and colleagues inside and outside the firm.

### **Quantum Intelligence**

Quantum has been around for over decades but has become accessible only recently. We'll begin our session with an introduction to quantum computing and the new capabilities & improvements it brings to the scientific community. Eventually, we'll discuss the impact of quantum computing on several fields especially on Artificial Intelligence & Cryptography and how to use stronger algorithms resistant to the power of quantum. The imminent threat to quantum algorithms would be put forth along with the main aspects of a new computing model and its devastating impact in security standards.

In the hands-on session, we'll make the participants to explore the open-source tools available for quantum computing, thus showing them how to use those tools to write their own quantum programs and run them on simulators and actual quantum computers.

### **Goals of this session**

- The goal of the session is to teach the participants on how Quantum computers could solve complex tasks that are beyond the capabilities of conventional computers so as to set the way towards the next generation of artificial intelligence systems



Mozilla  
441 Metal Box Factory  
30 Great Guildford Street  
London SE1 0HS  
United Kingdom

5 Nov 2019

**Subject: Mozilla Festival 2019 Confirmation Letter of Participation**

To whom it concerns,

This letter is to certify that Sakthi Anand, from Dr. M.G.R. Educational and Research Institute, participated in Mozilla Festival 2019, that took place in London, United Kingdom from the 21st - 27th October 2019. The festival took place at Ravensbourne University London located at 6 Penrose Way, Greenwich Peninsula, London SW10 0EW.

Sakthi co-facilitated a session with Sahil Kumar in our Openness space titled "Quantum Intelligence". You can find any notes collected and follow-up discussion from the session here:  
<https://discourse.mozilla.org/t/quantum-intelligence/46714>

If you have any questions regarding the event or about this person's participation, please do not hesitate to contact me on the number below.

For general questions regarding the Mozilla Festival please contact: [festival@mozilla.org](mailto:festival@mozilla.org)

Regards,

A handwritten signature in black ink, appearing to read 'Sarah Allen'.

**Sarah Allen**  
Executive Director, Mozilla Festival  
Mozilla Foundation

+44 7742 782394  
[sarah@mozillafoundation.org](mailto:sarah@mozillafoundation.org)

Mozilla is a global, nonprofit organisation dedicated to making the Web better. We emphasise principle over profit, and believe that the Web is a shared public resource to be cared for, not a commodity to be sold. We work with a worldwide community to create open source products like Mozilla Firefox, and to innovate for the benefit of the





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London SE1 0HS  
United Kingdom

4 Nov 2019

**Subject: Mozilla Festival 2019 Confirmation Letter of Participation**

To whom it concerns,

This letter is to certify that Vishal Kumar Pandey, from Dr. M.G.R. Educational and Research Institute, participated in Mozilla Festival 2019, that took place in London, United Kingdom from the 21st - 27th October 2019. The festival took place at Ravensbourne University London located at 6 Penrose Way, Greenwich Peninsula, London SW10 0EW.

Vishal co-facilitated a session with Yash Chaubey in our Neurodiversity space titled "Neuro-Space". You can find any notes collected and follow-up discussion from the session here:

<https://discourse.mozilla.org/t/neuro-space/46701>

If you have any questions regarding the event or about this person's participation, please do not hesitate to contact me on the number below.

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To whom it concerns,

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Yash co-facilitated a session with Vishal Kumar Pandey in our Neurodiversity space titled "Neuro-Space". You can find any notes collected and follow-up discussion from the session here:

<https://discourse.mozilla.org/t/neuro-space/46701>

If you have any questions regarding the event or about this person's participation, please do not hesitate to contact me on the number below.

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## STUDENT AND FACULTY EXCHANGE PROGRAMS

<b>Title of the Program</b>	Sustainable Waste Management Including Landfill and Landfill Mining
<b>University and Country</b>	University of Texas, USA
<b>Date</b>	13th January 2020 to 24th January 2020



### Department of Civil Engineering

#### Winter School Program in University of Texas at Arlington Landfill Design and Operations

The students got an opportunity to gain knowledge on the potential and challenges of sustainable waste management, including landfill and landfill mining.

The topic covered includes;

- Landfill siting, design and construction, and Operation
- Landfill leachate, gas management and utilization
- Sustainable waste management (including recycling, composting and waste to energy)
- Waste Economics including waste business development

The students got exposed to the methodology involved in Landfill Design Considerations which include;

- Soil Excavation Problems
- Soil Storage
- Slope Stability
- Groundwater
- Erosion Control

Special areas such as sustainable landfill, landfill design and operation and the feasibility of landfill mining, preliminary investigation and impact of landfill mining of sustainable waste management system were covered. Selected project case studies were presented and discussed to enhance learning experience. In addition field work was assigned to the students in order to get a better understanding of landfill components and landfill operations.







# *Certificate of Participation*

*Rahul Ramu*



*Has participated in the*

## **ISWA-SWIS Winter School 2020**

*on*

### ***Sustainable Waste Management Landfill & Landfill Mining***

*at*

*The University of Texas at Arlington (UTA)  
The City of Irving, The City of Grand Prairie & The City of Garland  
Texas, USA*



**January 13 - 24, 2020**



**MD. Sahadat Hossain, Ph.D., P.E.**  
Director, SWIS  
Professor of Civil Engineering at UTA

**Brenda A. Haney, P.E.**  
Director, Solid Waste  
The City of Lubbock, Texas

**Vance Kemler**  
SWIS Board Member  
Texas, USA



# *Certificate of Participation*

*Vignesh Kumar Elumalai*



*Has participated in the*

## **ISWA-SWIS Winter School 2020**

*on*

### ***Sustainable Waste Management Landfill & Landfill Mining***

*at*

*The University of Texas at Arlington (UTA)  
The City of Irving, The City of Grand Prairie & The City of Garland  
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**January 13 - 24, 2020**



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Professor of Civil Engineering at UTA

**Brenda A. Haney, P.E.**  
Director, Solid Waste  
The City of Lubbock, Texas

**Vance Kemler**  
SWIS Board Member  
Texas, USA





## STUDENT AND FACULTY EXCHANGE PROGRAMS

<b>Title of the Program</b>	Winter School Program on Turbomachinery
<b>University and Country</b>	St. Petersburg Polytechnic University, Russia
<b>Date</b>	27th January 2020 to 07th February 2020



### Department of Mechanical Engineering

#### Winter School Program in St. Petersburg Polytechnic University, Russia Turbomachinery

St.Petersburg Polytechnic University, St.Petersburg, Russia has organized a short term course on “Turbo machinery” as a part of the winter school program. Seven students from Mechanical Engineering Department along with one faculty member from Dr.M.G.R.Educational and Research Institute have attended the course for a period of 14 days (27-01-2020 to 8-02-2020).

The introductory classes were handled by Mr.Hashim, Assistant Professor and a research Scholar of St.Petersburg Polytechnic University. Concepts pertaining to Thermodynamics, heat engines, steam turbines and gas turbines were discussed

Subsequently Ms.GilevaLyubovVasilevna, Assistant Professor from the energy department, St.Petersburg University gave a lecture on turbo machines. She gave a detailed demonstration about various softwaresthat will be useful for the turbo machines and their importance. Later she gave a detailed lecture on centrifugal compressor explaining about their classification, components of centrifugal compressor, velocity diagrams etc.. Finally the session ended with the selection criteria of compressors for various applications.

Ms.Anikina Irina, Assistant Professor, Department of Institute of Energy, St.Petersburg Polytechnic University, elaborated aboutsteam turbine modeling. She dwelt on the softwaresthat are being used in the thermal power plants located in and around St.Petersburg and explained about the tools for various applications. Students had an opportunity to work with the modeling software.



# СЕРТИФИКАТ CERTIFICATE

Настоящий сертификат выдан в том, что  
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**Сараванан Раджешвари**  
(фамилия, имя, отчество)

**Saravanan Rajeshwari**  
(full name)

**22.03.1998**  
(дата рождения) / (date of birth)

**Dr. M. G. R. Educational and Research Institute,  
University, Chennai, India**  
успешно завершил(а) курс обучения  
по международной образовательной программе

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(наименование учебного заведения)

at Peter the Great St. Petersburg  
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(name of the institution)

поступил(а) / from

**27.01.2020**  
(дата) / (date)

завершил(а) / to

**07.02.2020**  
(дата) / (date)

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**07.02.2020**

Ректор/Rector

Руководитель программы  
Program Manager

Секретарь/Secretary





During the study program tests, intermediate and final examinations in the following subjects were passed:

В Российской Федерации учебная нагрузка измеряется в академических часах (АЧ) и зачетных единицах (ЗЕ). 1 АЧ = 45 минут. 1 ЗЕ = 36 академическим часам или 27 астрономическим часам. 1 учебная неделя = 54 АЧ = 1,5 ЗЕ. 1 ЗЕ соответствует 1 ECTS credit.

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This is to certify that

**Джаякумар Абишек Джошуа**  
(фамилия, имя, отчество)

**Jayakumar Abishek Joshua**  
(full name)

**03.08.1996**  
(дата рождения) / (date of birth)

**Dr. M. G. R. Educational and Research Institute,  
University, Chennai, India**  
успешно завершил(а) курс обучения  
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Program Manager

Секретарь/Secretary





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This is to certify that

**Баскар Рагул**

(фамилия, имя, отчество)

**Baskar Ragul**

(full name)

**27.02.1997**

(дата рождения) / (date of birth)

**Dr. M. G. R. Educational and Research Institute,  
University, Chennai, India**  
успешно завершил(а) курс обучения  
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(name of the institution)

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завершил(а) / to

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**07.02.2020**

Ректор/Rector

Руководитель программы  
Program Manager

Секретарь/Secretary





During the study program tests, intermediate and final examinations in the following subjects were passed:

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# СЕРТИФИКАТ CERTIFICATE

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This is to certify that

**Рамасами Суббурадж Шринивас**  
(фамилия, имя, отчество)

**Ramasamy Subburaj Srinivas**  
(full name)

**08.10.1999**  
(дата рождения) / (date of birth)

**Dr. M. G. R. Educational and Research Institute,  
University, Chennai, India**  
успешно завершил(а) курс обучения  
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**07.02.2020**

Ректор/Rector

Руководитель программы  
Program Manager

Секретарь/Secretary





За время обучения сдал(а) зачеты, промежуточные и итоговые экзамены по следующим дисциплинам:

During the study program tests, intermediate and final examinations in the following subjects were passed:

Наименование дисциплины <b>Course title</b>	Общее количество часов <b>Total Hours</b>	Кредиты <b>Credits (ECTS)</b>	Итоговая оценка <b>Final Grade</b>
Introduction to Turbomachinery / Введение в Турбомашиностроение Thermodynamics / Термодинамика Heat Engine Cycle / Цикл Теплового Двигателя Steam Turbines / Паровые Турбины Gas Turbines / Газовые Турбины Turbo Compressors / Турбокомпрессоры Steam Turbine Modeling / Моделирование Паровых Турбин Company Visits / Посещение Компании:  Power Machines / Силовые Машины  Total workload / Итоговая Учебная Нагрузка Additional Classes / Дополнительные Занятия: Russian Class / Русский Язык Guest Speakers Day / День Приглашённых Специалистов  * включая дистанционную компоненту * including online component		5 ECTS*	passed / зачтено passed / зачтено passed / зачтено passed / зачтено passed / зачтено passed / зачтено passed / зачтено

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This is to certify that

**Араветтил Дасан Депенду**  
(фамилия, имя, отчество)

**Araveettil Dasan Deependu**  
(full name)

**04.09.1997**  
(дата рождения) / (date of birth)

успешно завершил(а) курс обучения  
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at Peter the Great St. Petersburg  
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поступил(а) / from

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(дата) / (date)

завершил(а) / to

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Ректор/Rector

Руководитель программы  
Program Manager

Секретарь/Secretary





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В Российской Федерации учебная нагрузка измеряется в академических часах (АЧ) и зачетных единицах (ЗЕ). 1 АЧ = 45 минут. 1 ЗЕ = 36 академическим часам или 27 астрономическим часам. 1 учебная неделя = 54 АЧ = 1,5 ЗЕ 1 ЗЕ соответствует 1 ECTS credit.

169



# СЕРТИФИКАТ CERTIFICATE

Настоящий сертификат выдан в том, что

This is to certify that

**Умашанкар Правеш**  
(фамилия, имя, отчество)

**Umasankar Pravesh**  
(full name)

**15.10.1999**  
(дата рождения) / (date of birth)

**Dr. M. G. R. Educational and Research Institute,  
University, Chennai, India**  
успешно завершил(а) курс обучения  
по международной образовательной программе

«ТУРБОМАШИНОСТРОЕНИЕ»

has successfully completed the course  
on international educational program

“TURBOMACHINERY”

в федеральном государственном автономном  
образовательном учреждении  
высшего образования  
«Санкт-Петербургский  
политехнический университет Петра Великого»  
(наименование учебного заведения)

at Peter the Great St. Petersburg  
Polytechnic University  
(name of the institution)

поступил(а) / from

**27.01.2020**  
(дата) / (date)

завершил(а) / to

**07.02.2020**  
(дата) / (date)

РОССИЙСКАЯ  
ФЕДЕРАЦИЯ  
RUSSIAN FEDERATION

федеральное государственное  
автономное образовательное  
учреждение высшего образования  
«Санкт-Петербургский  
политехнический университет  
Петра Великого»  
(ФГАОУ ВО «СПбПУ»)

«Peter the Great St. Petersburg  
Polytechnic University»



Регистрационный номер  
Registration number

**0011/20**  
Дата выдачи / Date of issue

**07.02.2020**

Ректор/Rector

Руководитель программы  
Program Manager

Секретарь/Secretary





За время обучения сдал(а) зачеты, промежуточные и итоговые экзамены по следующим дисциплинам:  
During the study program tests, intermediate and final examinations in the following subjects were passed:

Наименование дисциплины <b>Course title</b>	Общее количество часов <b>Total Hours</b>	Кредиты <b>Credits (ECTS)</b>	Итоговая оценка <b>Final Grade</b>
Introduction to Turbomachinery / Введение в Турбомашиностроение Thermodynamics / Термодинамика Heat Engine Cycle / Цикл Теплового Двигателя Steam Turbines / Паровые Турбины Gas Turbines / Газовые Турбины Turbo Compressors / Турбокомпрессоры Steam Turbine Modeling / Моделирование Паровых Турбин Company Visits / Посещение Компаний:  Power Machines / Силовые Машины Total workload / Итоговая Учебная Нагрузка Additional Classes / Дополнительные Занятия: Russian Class / Русский Язык Guest Speakers Day / День Приглашённых Специалистов  * включая дистанционную компоненту * including online component		5 ECTS*	passed / зачтено passed / зачтено passed / зачтено passed / зачтено passed / зачтено passed / зачтено passed / зачтено

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In Russian Federation (RF) the study workload is evaluated in academicheskies chasy-academic hours or AH. 1AH=45 minutes. 1 RF Unit = 36 academic hours or 27 astronomical hours. 1 week of full-time study = 54 AH = 1,5 RFU.  
1 RF Unit equals to 1 ECTS credit.



# СЕРТИФИКАТ CERTIFICATE

Настоящий сертификат выдан в том, что

This is to certify that

**Раджендран Сабаринатан**  
(фамилия, имя, отчество)

**Rajendran Sabarinathan**  
(full name)

**22.03.1996**  
(дата рождения) / (date of birth)

**Dr. M. G. R. Educational and Research Institute,  
University, Chennai, India**  
успешно завершил(а) курс обучения  
по международной образовательной программе  
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завершил(а) / to

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ФЕДЕРАЦИЯ  
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«Peter the Great St. Petersburg  
Polytechnic University»



Регистрационный номер  
Registration number

**0009/20**  
Дата выдачи / Date of issue

**07.02.2020**

Ректор/Rector

Руководитель программы  
Program Manager

Секретарь/Secretary





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# Certificate of appreciation

presented to

*Pasam Bhagyalakshmi*

in grateful recognition of your valuable contribution to the  
International Polytechnic Winter Energy School.



POLYTECH



ENERGY  
SCHOOL

7th February 2020

**Kalutik A.A.**

Director of the Program  
Director of Higher School of  
Nuclear and Heat  
Power Engineering

## SEMINAR

3.1

<b>Title of the Program</b>	Interaction with Our Students
<b>Name Of Delegates / Designation</b>	Ms. Shruth Jaggi
<b>University &amp; Country</b>	Nottingham Trent University, UK
<b>Date</b>	27/01/2018



3.2

<b>Title of the Program</b>	Seminar On Information System
<b>Name Of Delegates / Designation</b>	Dr. Pamela Abbott, Senior Lecturer
<b>University &amp; Country</b>	University of Sheffield, UK
<b>Date</b>	29/06/2018





## SEMINAR

3.3

<b>Title of the Program</b>	Seminar on Forensic Accounting
<b>Name Of Delegates / Designation</b>	Ms. Christina Phillipou, Director – Accounting & Financial Mgmt.
<b>University &amp; Country</b>	University of Portsmouth, UK
<b>Date</b>	26/07/2018



3.4

<b>Title of the Program</b>	Seminar on Complex Systems Beyond the Metaphors
<b>Name Of Delegates / Designation</b>	Atulya K.Nagar
<b>University &amp; Country</b>	Liverpool Hope University, UK
<b>Date</b>	30/07/2018



## SEMINAR

3.5

<b>Title of the Program</b>	Seminar
<b>Name Of Delegates / Designation</b>	Mrs. Denissza Blanar, International Director
<b>University &amp; Country</b>	Budapest Metropolitan University, Hungary
<b>Date</b>	05/09/2018



3.6

<b>Title of the Program</b>	Technical Talk on Parkinsons Disease
<b>Name Of Delegates / Designation</b>	David. P.Smith
<b>University &amp; Country</b>	Sheffield Hallam University, UK
<b>Date</b>	12/09/2018





## SEMINAR

3.7

<b>Title of the Program</b>	Seminar
<b>Name Of Delegates / Designation</b>	Prof. John Lee, President & Regional Director
<b>University &amp; Country</b>	Kyundong University, South Korea
<b>Date</b>	28/11/2018



3.8

<b>Title of the Program</b>	Seminar
<b>Name Of Delegates / Designation</b>	Ms. Anna Toyne, Asia Regional Head
<b>University &amp; Country</b>	University of Sheffield, UK
<b>Date</b>	04/12/2018



## SEMINAR

3.9

<b>Title of the Program</b>	Seminar
<b>Name of Delegates / Designation</b>	Dr. Braylan Gardiner, Ms. Lesana Hraskowa – Regional Manager and Mr. Selvan David Noel, Country Manager
<b>University &amp; Country</b>	Ulster University, UK
<b>Date</b>	14/12/2018



3.10

<b>Title of the Program</b>	Seminar
<b>Name Of Delegates / Designation</b>	Prof. Antonino German - Vice Rector Internationalization and Francesca Scribano - International Head
<b>University &amp; Country</b>	University of Messina, Italy
<b>Date</b>	07/02/2019





## SEMINAR

**3.11**

<b>Title of the Program</b>	Seminar
<b>Name Of Delegates / Designation</b>	Dr. Prakash Ranganathan, Director of Cyber Security
<b>University &amp; Country</b>	University of North Dakota, USA
<b>Date</b>	13/02/2019



**3.12**

<b>Title of the Program</b>	Seminar
<b>Name Of Delegates / Designation</b>	Jens Bo Holm-Nielsen, Associate Professor
<b>University &amp; Country</b>	Aalborg University, Denmark
<b>Date</b>	16/02/2019



## SEMINAR

**3.13**

<b>Title of the Program</b>	Seminar
<b>Name Of Delegates / Designation</b>	Ms. Dawn Day, International Admission Counsellor
<b>University &amp; Country</b>	Oklahoma University, USA
<b>Date</b>	18/02/2019



**3.14**

<b>Title of the Program</b>	Seminar
<b>Name Of Delegates / Designation</b>	1) Prof. Chang hsueh-wei, Dean College of Life Science 2) Prof. Sodio HSU, Chih-Neng – Chairman 3) Mr. Charles Li , Director General
<b>University &amp; Country</b>	Kaohsiung Medical University & Taipei Economic and Cultural Centre, Taiwan & Chennai
<b>Date</b>	19/02/2019





## SEMINAR

**3.15**

<b>Title of the Program</b>	Seminar by Byju's
<b>Name Of Delegates / Designation</b>	Mr. Nandha kumar, Manager
<b>University &amp; Country</b>	BYJU's, Chennai
<b>Date</b>	19/02/2019



**3.16**

<b>Title of the Program</b>	IDP
<b>Name Of Delegates / Designation</b>	Mr. Rajesh, IDP
<b>University &amp; Country</b>	Higher Education Opportunities, Canada, UK, Australia & Chennai
<b>Date</b>	20/02/2019



## SEMINAR

3.17

<b>Title of the Program</b>	Seminar
<b>Name Of Delegates / Designation</b>	Dr. Paul Hannais, Faculty of Computing
<b>University &amp; Country</b>	Ulster University, UK
<b>Date</b>	22/02/2019



3.18

<b>Title of the Program</b>	International Seminar
<b>Name Of Delegates / Designation</b>	Dr. Lynda Partridge, Dr. Pattanathu Rahman
<b>University &amp; Country</b>	University of Sheffield, Teesside University, UK
<b>Date</b>	26/02/2019





## SEMINAR

3.19

<b>Title of the Program</b>	Video Conference
<b>Name Of Delegates / Designation</b>	Dr. Julian Coleman
<b>University &amp; Country</b>	University of Bolton, UK
<b>Date</b>	13/03/2019



3.20

<b>Title of the Program</b>	International Seminar
<b>Name Of Delegates / Designation</b>	Fulvio Mastrogiovanni, Associate Professor
<b>University &amp; Country</b>	Università degli Studi di Genova, Italy
<b>Date</b>	10/04/2019



## SEMINAR

3.21

<b>Title of the Program</b>	AICTE Indian Taiwan Seminar
<b>Name Of Delegates / Designation</b>	Dr. Neetu Bhagat – Deputy Director
<b>University &amp; Country</b>	Policy & Academic Planning Bureau, AICTE, Delhi
<b>Date</b>	24/04/2019



3.22

<b>Title of the Program</b>	International Seminar
<b>Name Of Delegates / Designation</b>	Dr. Anna Esaki, Smith Director, International Student Recruitment & Partnership Development
<b>University &amp; Country</b>	University of California, Berkley
<b>Date</b>	30/04/2019





## SEMINAR

3.23

<b>Title of the Program</b>	Lecture on Applied Energy to Solve Real World Energy Problems
<b>Name Of Delegates / Designation</b>	Dr. Abhishek Asthana - Director of Hallam Energy
<b>University &amp; Country</b>	Sheffield Hallam University, UK
<b>Date</b>	12/06/2019



3.24

<b>Title of the Program</b>	International Seminar
<b>Name Of Delegates / Designation</b>	Dr. Joanne Clarke, Lecturer- Collaborative course leader SHAPE,
<b>University &amp; Country</b>	University of Sheffield, UK
<b>Date</b>	28/06/2019



## SEMINAR

3.25

<b>Title of the Program</b>	International Seminar on Global Innovation and IP Commercialization
<b>Name Of Delegates / Designation</b>	Mr. Kameshwar Eranki is Founder & CEO
<b>University &amp; Country</b>	Vajra Soft Incorporated Company, USA
<b>Date</b>	07/08/2019



3.26

<b>Title of the Program</b>	MOU Signing and International Seminar by the Delegates of Huaiyin Institute of Technology, China
<b>Name Of Delegates / Designation</b>	Mr. XU Xiaomei- Director of International Cooperation and Exchange office
<b>University &amp; Country</b>	Huaiyin Institute of Technology, China
<b>Date</b>	27/09/2019





## SEMINAR

3.27

<b>Title of the Program</b>	International Science Expo
<b>Name Of Delegates / Designation</b>	Mr. Gennady Rogalev, Director Russian Centre of Science
<b>University &amp; Country</b>	Russian Centre of science and culture, Chennai
<b>Date</b>	12/10/2019



## SEMINAR

3.28

<b>Title of the Program</b>	Network Meeting
<b>Name Of Delegates / Designation</b>	Dr. Jerome Bove
<b>University &amp; Country</b>	France Universities, Hyatt Regency, Teynampet, Chennai
<b>Date</b>	13/02/2020



3.29

<b>Title of the Program</b>	Seminar
<b>Name Of Delegates / Designation</b>	Prof. Tim Senden, Australian national university and Brendan smith, Commissioner for International Engagement
<b>University &amp; Country</b>	Australian High Commission, Mumbai
<b>Date</b>	26/02/2020

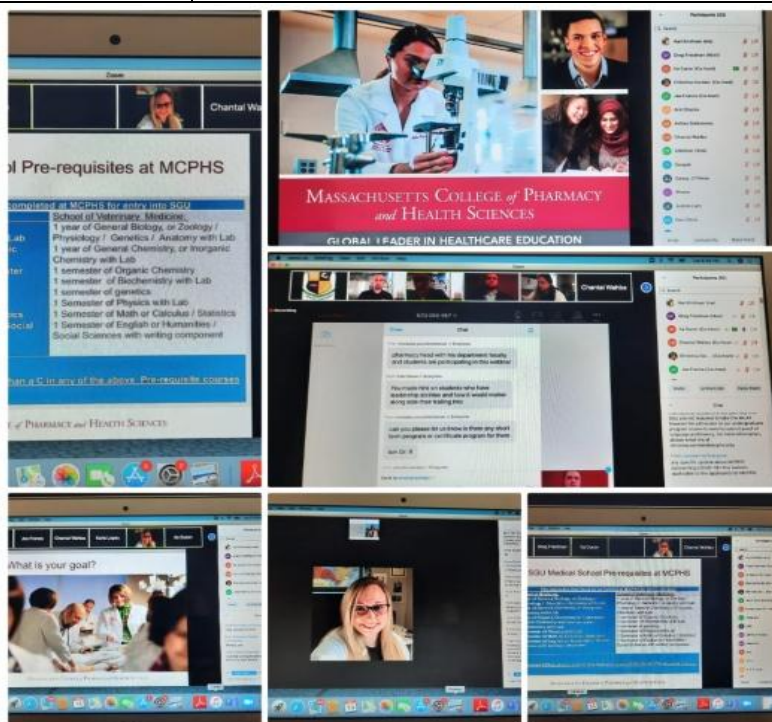




## SEMINAR

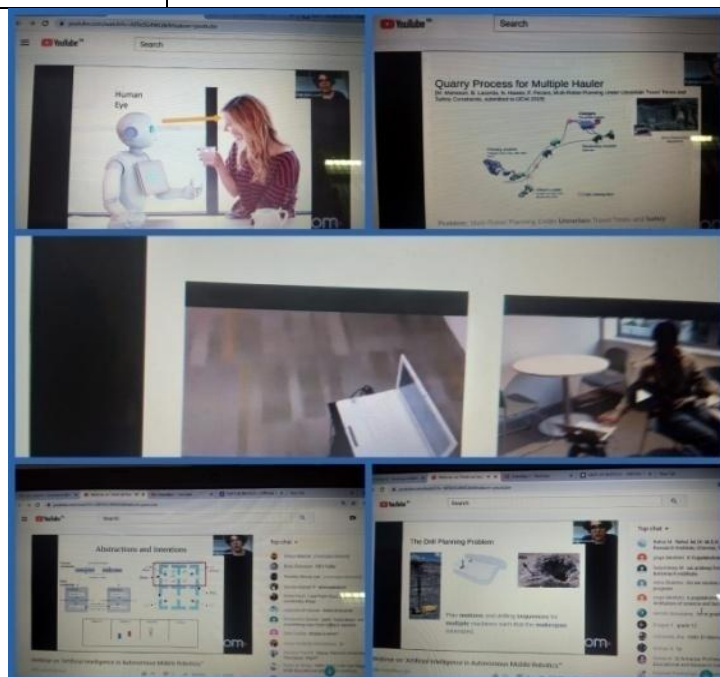
3.30

<b>Title of the Program</b>	Premedical and Health Studies
<b>Name Of Delegates / Designation</b>	Mr. Christina Cormier, Associate Director
<b>University &amp; Country</b>	MCPHS, USA
<b>Date</b>	14/04/2020



3.31

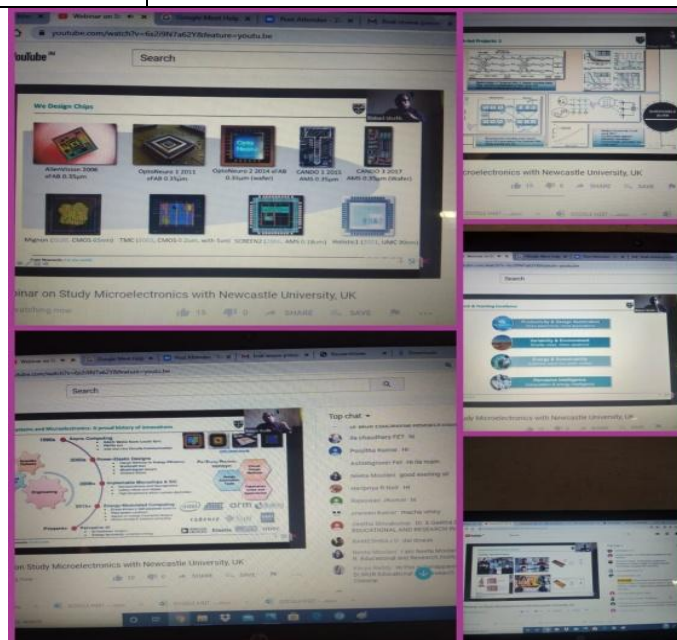
<b>Title of the Program</b>	Artificial Intelligence in Autonomous Mobile Robotics
<b>Name Of Delegates / Designation</b>	Dr. Masoumeh Mansouri
<b>University &amp; Country</b>	University of Birmingham, UK
<b>Date</b>	12/05/2020



## SEMINAR

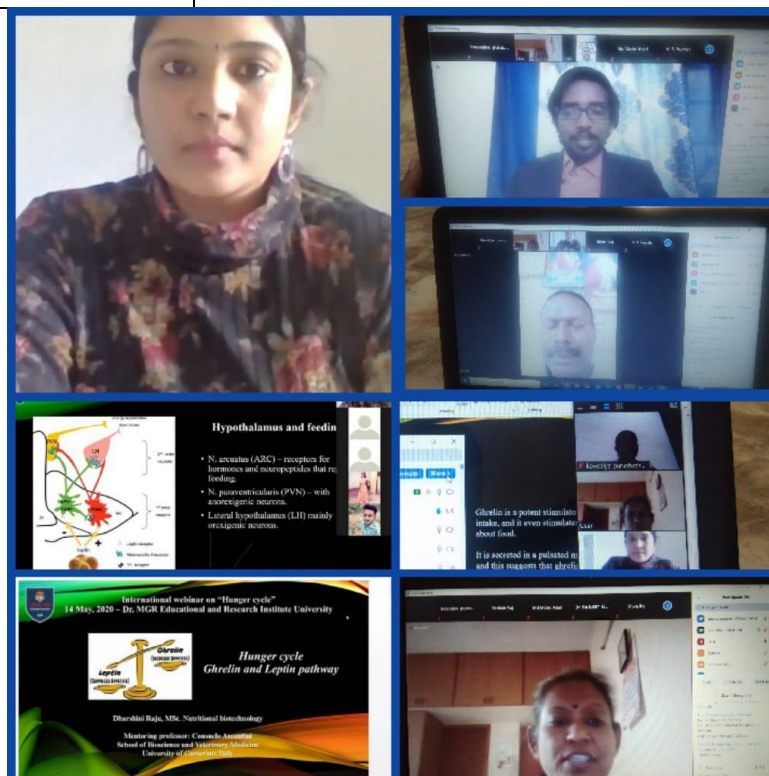
3.32

<b>Title of the Program</b>	International Webinar on Microelectronics
<b>Name Of Delegates / Designation</b>	Dr. Rishad Sheik
<b>University &amp; Country</b>	Newcastle university, UK
<b>Date</b>	13/05/2020



3.33

<b>Title of the Program</b>	International Webinar on Hunger Cycle
<b>Name Of Delegates / Designation</b>	Ms. DharshiniRaju
<b>University &amp; Country</b>	University of Camerino, Italy
<b>Date</b>	14/05/2020





## SEMINAR

### Multi Dimensional Scaling From Science to Technology

3.34	09/06/2020 to 13/06/2020	3.34.1 Research & Academic Opportunities in KMU, Taiwan	Dr. Vinoth Kumar	KMU	Taiwan
		3.34.2 Mentoring Students towards higher studies, Research and Entrepreneurship	Dr. Harshan Namboothiri, Happiens Digitals	Happiens Digitals	USA
		3.34.3 Applying Artificial Intelligence and Machine Learning to MMA	Dr. N. Krishna Kumar Silicon Valley, USA	Silicon Valley	USA
		3.34.4 Leveraging cloud computing Technologies to Multi Messenger Astronomy	Mr. Rajesh Kumar, Oracle Finance Service	Oracle Finance Service	Bangalor
		3.34.5 Recent Advancement in Deep Learning Research	Dr. K. Bhanuprakash, Research Group head, KL University	KL University	Guntur

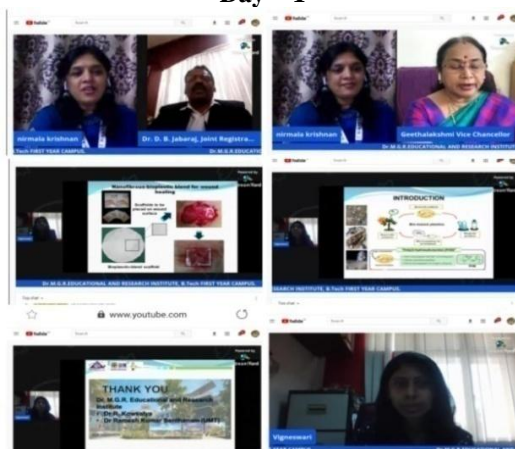


# SEMINAR

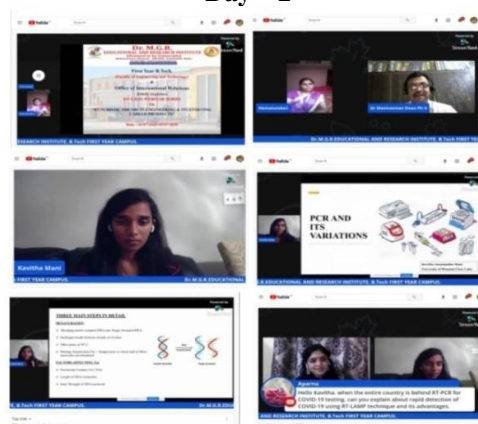
## International Webinar Series on “Futuristic Trends in Engineering and Its Evolving Career Prospects”

3.36	01/07/2020 to 05/07/2020	3.36.1 Design of next gen Tissue Engineering Application using Bacterial Plastic	Dr. Vigneswari, Faculty of Science & Marine Environment	Universiti Malaysia Terengganu	Malaysia
		3.36.2 Variations in PCR	Ms. Kavitha Annaimallur Mani, Dept of Bio Tech	University of Houston Clear Lake	Texas
		3.36.3 IN Vehicle CAN Bus/ LIN Bus	Dr. Jing Jon Tang & Dr. B. V. Prasad, Dept of Electrical Engg	Taiwan University of Science and Technology	Taiwan
		3.36.4 An overview of Electronic cooling strategies	Mr. Vipin Shalom Simon, Department of Mechanical Engg	The University of Texas	Arlington
		3.36.5 BIM & Virtual Reality in Construction	Mr. Lokesh Mani, Department of Civil Engg	The University of Texas	Arlington

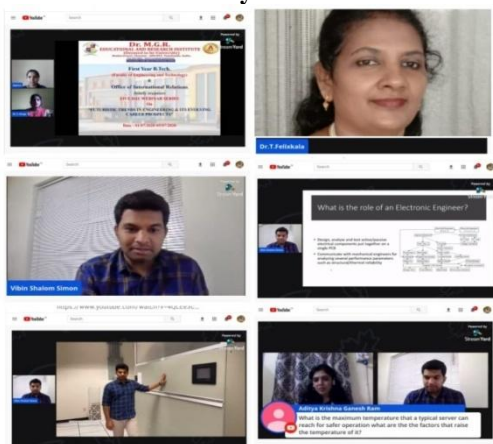
### Day – 1



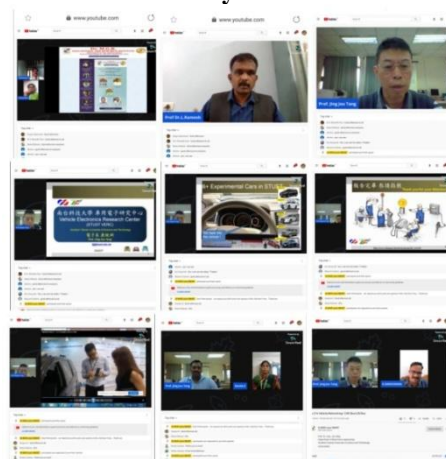
### Day – 2



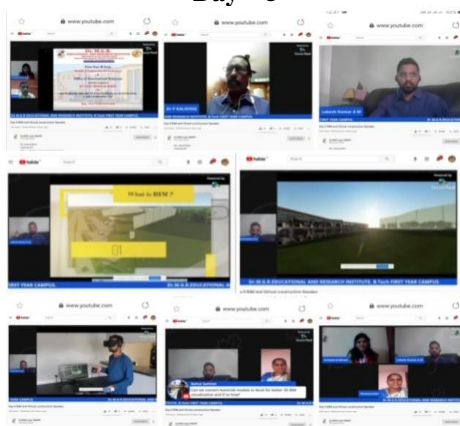
### Day – 3



### Day – 4



### Day – 5





## SEMINAR

3.35

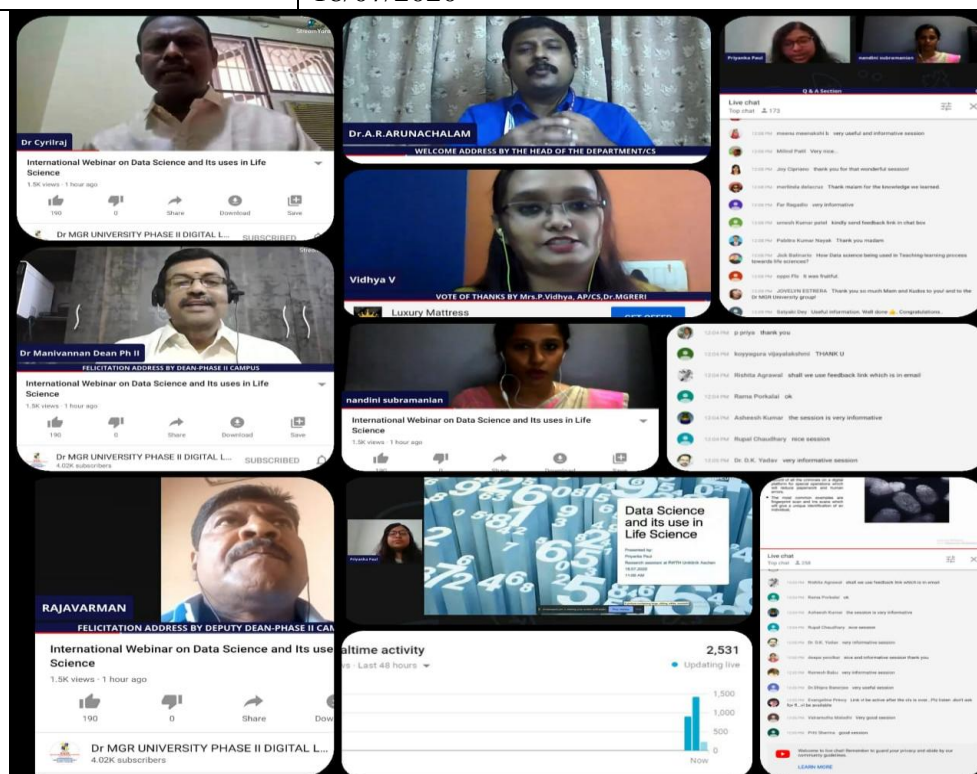
<b>Title of the Program</b>	International webinar on “Research Route from Vertical Aligned Nano Composites to Nanoporous Fibres”
<b>Name Of Delegates / Designation</b>	Dr. Lee Oon Jew – Associate Professor faculty of Science and Marine Environment
<b>University &amp; Country</b>	Universiti, Terngganu Malaysia
<b>Date</b>	26/06/2020





3.37

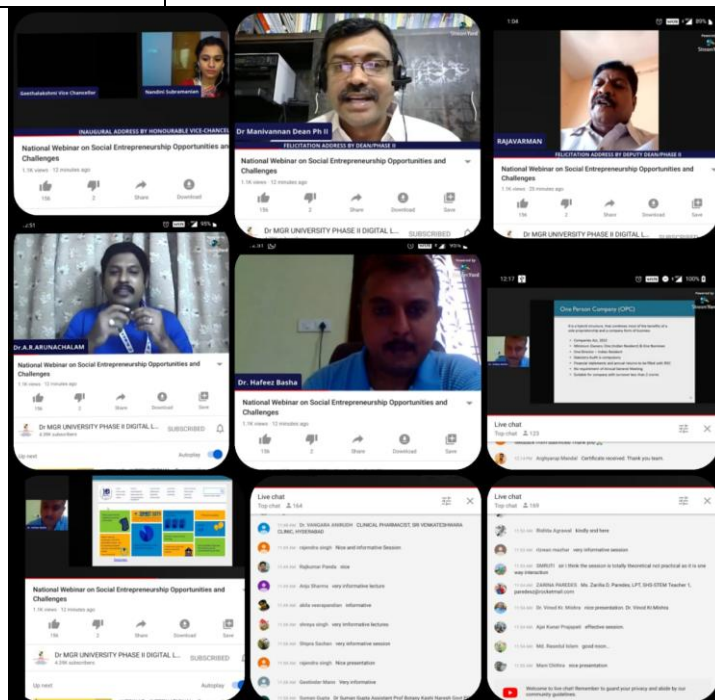
<b>Title of the Program</b>	International Webinar on Data Science and its uses in Life Science
<b>Name Of Delegates / Designation</b>	Ms.Priyanka Paul
<b>University &amp; Country</b>	RWTH Uniklink Aachen, Germany
<b>Date</b>	18/07/2020



## SEMINAR

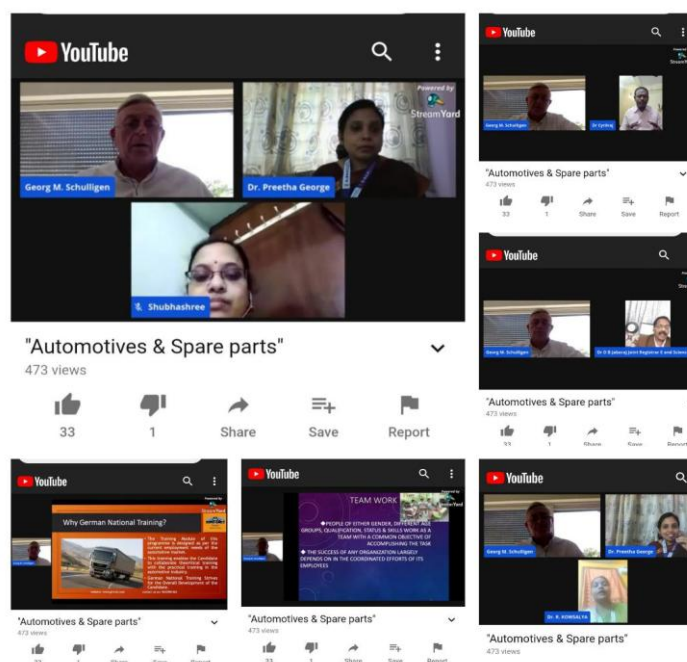
3.38

<b>Title of the Program</b>	National Level Webinar on Social Entrepreneurship Opportunities and Challenges
<b>Name Of Delegates / Designation</b>	Prof. Dr.Hafeez Basha, President and CEO
<b>University &amp; Country</b>	BRCORP, Hyderabad
<b>Date</b>	28/07/2020



3.39

<b>Title of the Program</b>	International Webinar Automotive & Spare Parts
<b>Name Of Delegates / Designation</b>	Mr. Georg M schulligen
<b>University &amp; Country</b>	Mercedes – Benz, Germany
<b>Date</b>	01/08/2020



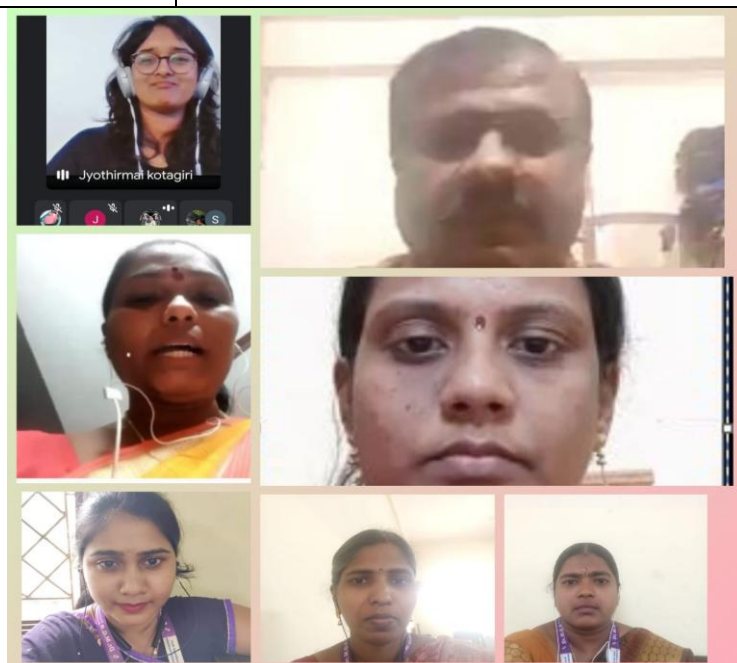




## SEMINAR

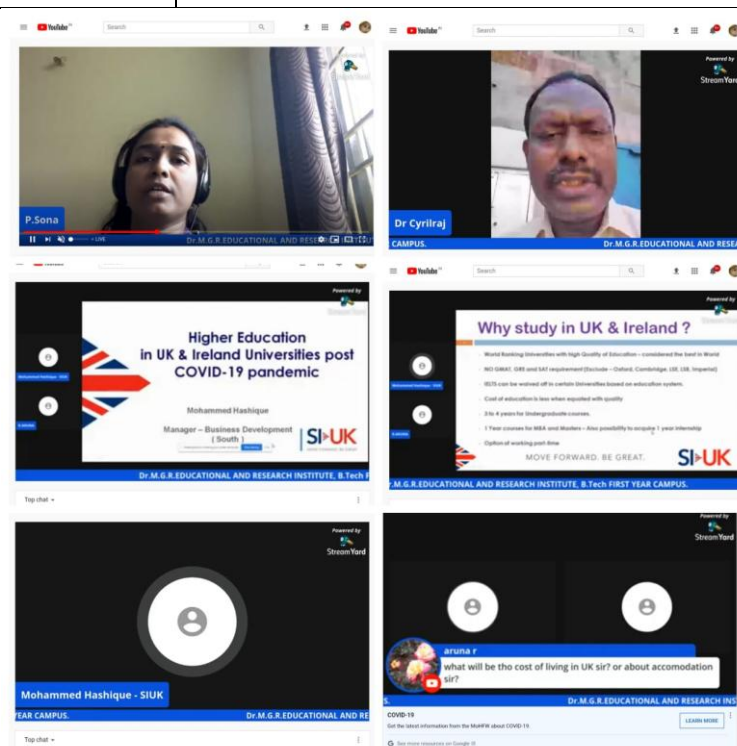
3.42

<b>Title of the Program</b>	Bio-Entrepreneurship Relationship between Science and Business
<b>Name Of Delegates / Designation</b>	Ms. Kotagiri Venkata Sai Jyothirmmai
<b>University &amp; Country</b>	Copenhagen business School, Denmark
<b>Date</b>	20/10/2020



3.43

<b>Title of the Program</b>	Higher Studies In UK & Ireland Post Covid 19 Pandemic
<b>Name Of Delegates / Designation</b>	Mohammed Hashique.M
<b>University &amp; Country</b>	SI-UK, Chennai
<b>Date</b>	22/10/2020

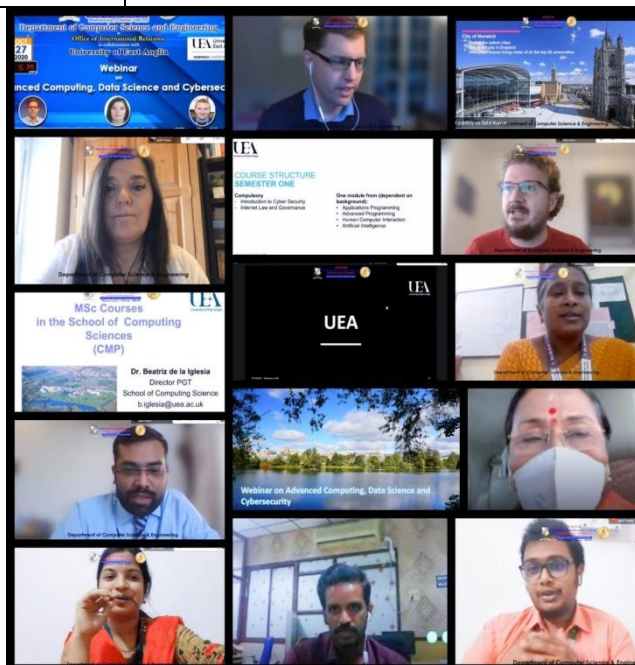




## SEMINAR

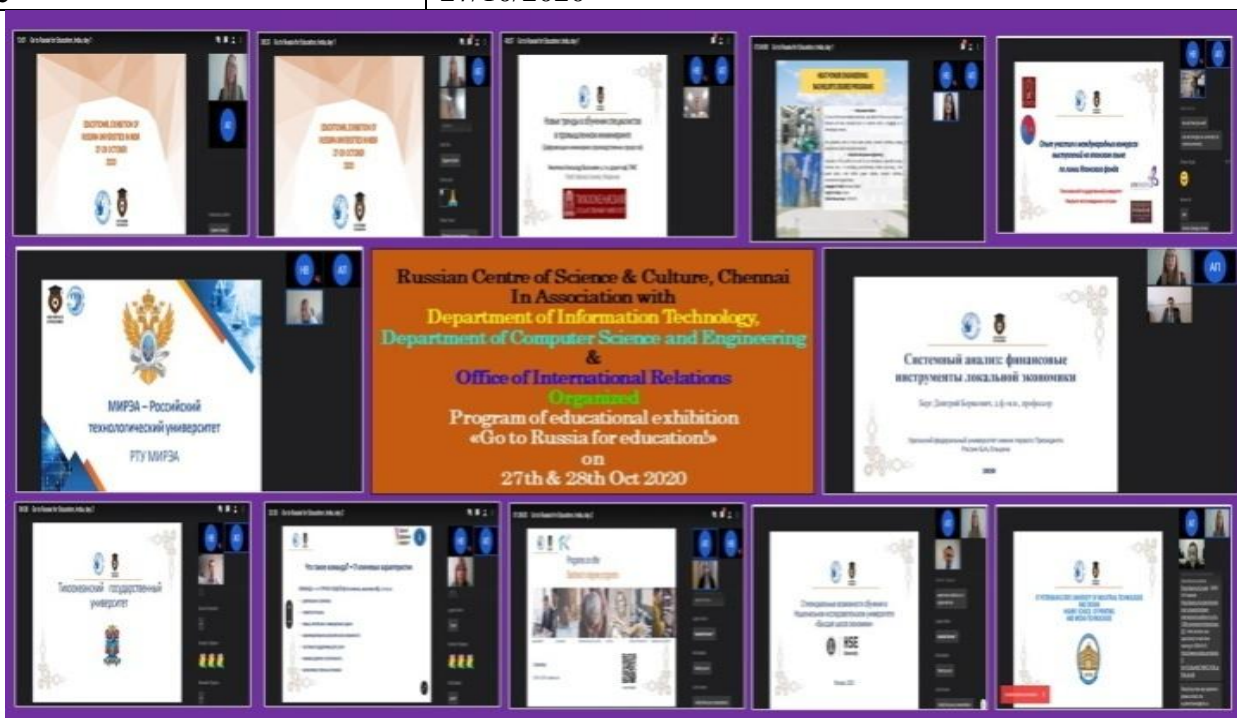
3.44

<b>Title of the Program</b>	Advanced Computing Data Science and Cyber security
<b>Name Of Delegates / Designation</b>	Dr. Stephen Laycock, Dr. Beatriz de la Iglesia & Mr. Oliver Buckley
<b>University &amp; Country</b>	University of East Anglia, UK
<b>Date</b>	27/10/2020



3.45

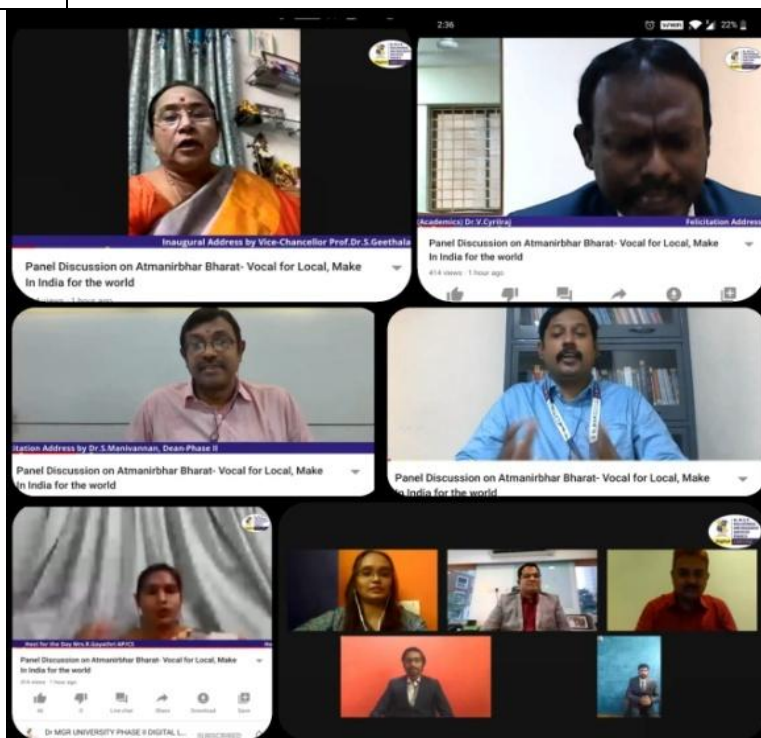
<b>Title of the Program</b>	Program of Educational Exhibition go to Russia for Education
<b>Name Of Delegates / Designation</b>	Filonova Olga Aleksandrovna, Head of the Department for Implementation of Projects
<b>University &amp; Country</b>	Sphere of Science and Education of Rossotrudnichestvo, Russia
<b>Date</b>	27/10/2020



## SEMINAR

3.46

<b>Title of the Program</b>	Panel Discussing on Atmanirbhar Bharat		
<b>Name Of Delegates / Designation</b>	1) Mr.Murugan.M 2) Mr. Hafeez Basha 3) Mr.ARSowmya 4) Narayannan 5) Mr. Nithish Raj. P	1) VST Titanium 2) Motors, Mercedes 3) BRCORP 4) Anuman Tech 5) Invest Utilize	1) Chennai 2) Hyderabad 3) Chennai 4) Chennai 5) Chennai
<b>Date</b>	12/11/2020		



3.47

<b>Title of the Program</b>	Higher Education Opportunities in Germany
<b>Name Of Delegates / Designation</b>	Ms. Niketha Dedhia
<b>University &amp; Country</b>	Exponent consultancy Services, USA
<b>Date</b>	18/11/2020





## SEMINAR

3.48

<b>Title of the Program</b>	Discussing Issues Related to 12th BRICS Summit		
<b>Name Of Delegates / Designation</b>	1)Mr. A.A. Chernov 2)Air Marshal, M. Matheswaran, 3)Mr. Muthu Kumar, 4) Mr. Shri Aladiyan Manickam, 5) Mr. Manivnnan.	1)Consul of Russian Fedration in Chennai 2)The Peninsula Foundation 3)The Trinity Mirror 4)Ex-ambassador of India to Finland 5)University of Madras	1)Chennai 2)Chennai 3)Chennai 4)Chennai 5)Chennai
<b>Date</b>	27/11/2020		



3.49

<b>Title of the Program</b>	International Admissions
<b>Name Of Delegates / Designation</b>	Mr. Dilip Kumar, International Admissions Manager
<b>University &amp; Country</b>	Anglia Ruskin University, Chelmsford, UK
<b>Date</b>	05/06/2018



## SEMINAR

3.50

<b>Title of the Program</b>	Delegates from French Embassy
<b>Date</b>	10/10/2018





## MOU SIGNING CEREMONY

### University of South Australia



## MOU SIGNING CEREMONY

### University of RAK





## MOU SIGNING CEREMONY

**MOU Signing with Sunny Lee, Ming Chi University of Technology, Taiwan  
@ Hotel Hilton, Date: 26/09/2017**



**MOU Signing with Dr. Daniel Chatham – Associate Dean Namseoul University,  
SouthKorea.Date: 21/11/2017**



## MOU SIGNING CEREMONY

**MOU Signing with Mr. M. Mayilsamy, Manager – Business Development, Hiyoshi India Ecological Services Pvt. Ltd. Date: 30/11/2017.**



**MOU Signing with Mr. Megat Nazahar – Director Business Development & International Affairs, AIMST University, Malaysia. Date: 01/03/ 2018**





## MOU SIGNING CEREMONY

**MOU Exchange between Mr. Austin Brown – Regional Director and Dr. Fang Cai – Deputy Dean Anglia Ruskin University, UK. Date: 13/07/2018**



**MOU Signing with Dr. Theyvendran, MDIS, Singapore.  
Date: 15/07/2018**



## MOU SIGNING CEREMONY

**MOU signing with Mr. Yinghuei Chen, Asia University, Taiwan.  
Date: 27/07/ 2018**



**MOU Signed with YUAN Ze University, Taiwan.  
Date: 04/10/2018**





## MOU SIGNING CEREMONY

**MOU Signing with I – Shou University, Taiwan.**

**Date: 17/12/2018**



**MOU Signing with the Director of Global affairs operations MS Chang and Dean Mr. Chris of CTBC Business School, Taiwan. Date: 17/12/2018**





## MOU SIGNING CEREMONY

**MOU signing by. Prof.Chang hsueh-wei, Dean College of Life Science and Prof.Sodio HSU, Chih-Neng - Chairman along with Thirteen Professors from various departments of KMU and Mr. Charles Li , Director General – Taipei Economic and cultural centre.  
Date: 19/02/2019.**





## MOU SIGNING CEREMONY

**MOU Signing with Xu Xiaomei – Director of International Cooperation and Exchange Office, Dr. Su-Qun Cao- Professor Dean of Electronic Information Engineering Huaiyin Institute of Technology , China**  
**Date: 27/09/2019**





## MOU SIGNING CEREMONY

**MOU Signing with Dr. Hilmi Mukhtar – Deputy Vice Chancellor, Mr. Zaimizi Hamdani – Director of Institute of Autonomous System and Assoc.Prof. Dr. Vijanth Sagayan – Director of Institute of Autonomous System Institute of Technology Petronas, Malaysia**  
**Date: 20/11/2019**





## MEETING WITH DELEGATES

### Founder Chancellor with Visiting Dignitaries to our University



## MEETING WITH DELEGATES

**Dr. Yasuaki Maeda – Osaka Prefecture University , Mr. Tadashi Suzuki – Senior Managing Director – Hiyoshi Corporation, Japan and M. Mayilsamy, Hiyoshi India. Date: 07/09/2017**



**Delegates from TEC, Ms. Kai-Yun Peng Senior Mandarin Instructor, Taiwan Education Centre IIT Madras. Date: 07/09/2017**





## MEETING WITH DELEGATES

**Prof. Cecilia, Gayon, Studialis, France.**

**Date: 19/02/2018**



**Meeting with Ms. Sally Rumbles, From University of Portsmouth, UK.**

**Date: 24/02/2018**





## MEETING WITH DELEGATES

**Meeting with Ms. Michelle Duncan from Robert Gordon University, UK.  
Date: 24/02/2018**



**Mr. Halimah Yacob Nanyang Technological University, Singapore.  
Date: 04/05/2018**





## MEETING WITH DELEGATES

**Delegates Visit from Dr. Stephen Kerr – Associate Dean of Pharmacy MCPHS University, Boston, Date: 15/05/2018**



**Delegates from Han-Sun Chiang – President, Fu Jen Catholic University, Taiwan. Date: 27/07/2018**



## MEETING WITH DELEGATES

**Meeting with Mr. Karthikeyan- Australian Embassy, Chennai.  
Date: 01/09./2018**



**Meeting with Ms. Vimala from British Embassy, Chennai.  
Date: 01/09/2018**





## MEETING WITH DELEGATES

**Professor and Director Dr. His – An Shih, National Cheng Kung, University, Taiwan**  
**Date: 21/09/2018**



**Meeting with Ms. Emma Bogantseva, International Office, University of Hull, UK.**  
**Date: 06/10/2018**



## MEETING WITH DELEGATES

**National Taiwan Day celebration with Mr.Charles Li -Director General, Taipei Economic and cultural centre. Date: 08/10/2018**



**Meeting with Mr. Achim Fabig – Consulate General Germany and representative from THE HINDU@ Hyatt Regency. Date: 02/11/2018**





## MEETING WITH DELEGATES

**Amist University Mr. Megatnazahar and Other Officials Malaysia.  
Date: 14/12/2018**

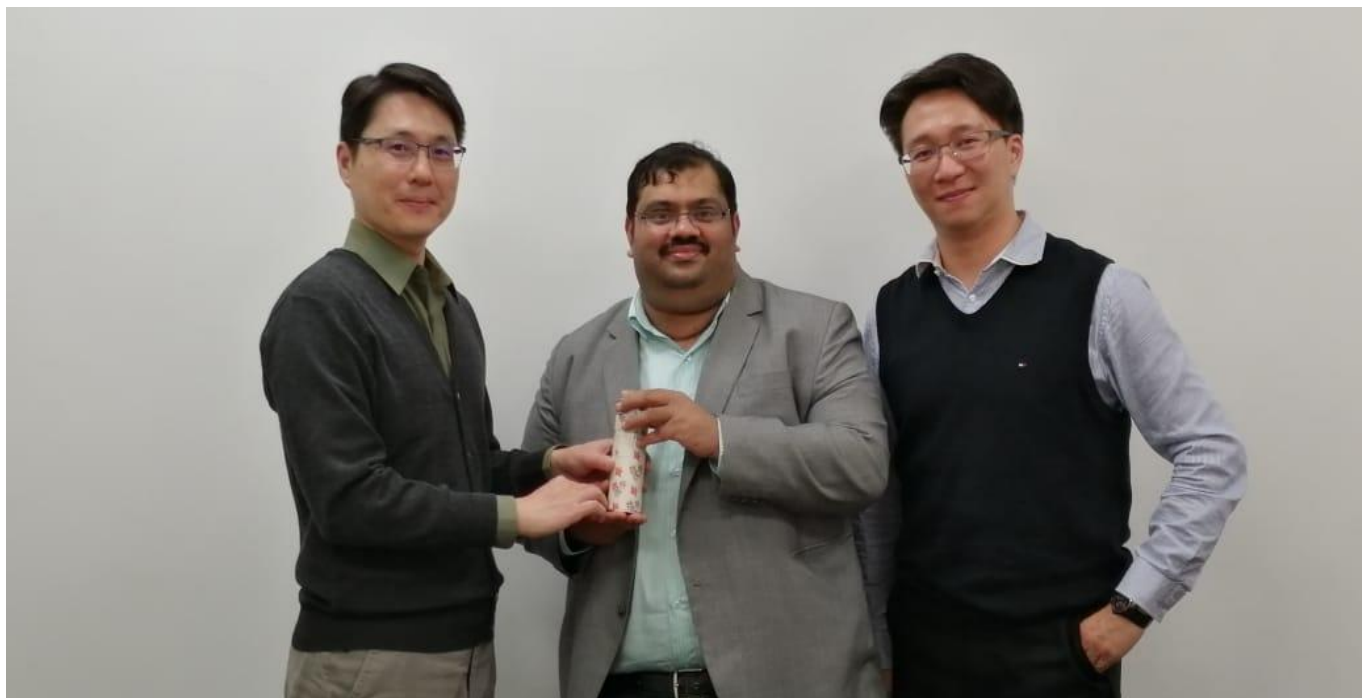


**Meeting the Delegates in Mr. T.K Peng, I – Shou University Taiwan.  
Date: 17/12/2018**



## MEETING WITH DELEGATES

**Meeting the Delegates in Tsing Hua University Taiwan**  
**Date: 17/12/2018**



**Associate Professor Jens Bo Holm- Nielsen from Aalborg University, Denmark**  
**Date: 16/02/2019**





## MEETING WITH DELEGATES

**Russian Consulate General - Mr. Oleg N. Avdeev, Chennai.**  
**Date: 09/09/2019**



**Ms. Margaret Faux, Founder, CEO, ACHSM, Australia.**  
**Date: 04/12/2019**



## MEETING WITH DELEGATES

**Meeting with Mr. Young seup Kwon-Korea Consul General, Chennai.  
Date: 04/12/2020**



**Mr. Kennedy Rogalev – Director ,Chennai  
Russia – India Public diplomacy in action Date: 23/12/2020**





### International Conference - HETICON'18

Mr.Charles Li – Director general Taipei Economic and Cultural Centre, Mr.Saravanan Karthikeyan Consul general of Malaysia and Prof.J.Ranganathan Consul of Myanmar inaugurated the HETICON'18 International Conference on Role of Technology in Shaping Future of Health care



Dr.M.G.R educational and research institute organised a two day international conference on 30th and 31st october 2018- Heticon'18 with the theme Role of technology in shaping future of health care.

This was organised jointly by department of Medicine, Pharmacy, Nursing, Physiotherapy, Allied health sciences and Biotechnology. The event was greatly supported by our founder chancellor Thiru.A.C.Shanmugam , encouraged by our dynamic and young honorable president Thiru.A.C.S.Arunkumar and Secretary honorable Thiru.S.Ravikumar.

The two day conference commenced with grand plenary introductive sessions by Dr.Neuss Bassa Camp (Clinical pathologist, Dr.Sulaiman Al Habib MG - Takhassusi Riyadh, KSA), Dr.Mogana (Dean- Faculty of pharmaceutical sciences , UCSI university, Malasiya), and Dr.Sundari Edwin (Nursing director- SIMS hospital, Chennai) respectively.

Heticon proceedings CD and souvenir was released by Chairman, President, secretary and the esteemed guests of honor Mr.Charles Li – Director general Taipei Economic and Cultural Centre, Mr.Sravanan Karthikeyan Consul general of Malaysia and Prof.J.Ranganathan Consul of Myanmar. About 2800 participants around the world from various reputed universities participated on 30th October 2018.

Department of Medicine, physiotherapy, nursing, allied health science and biotechnology had their technical parallel Sessions for Poster making paper presentation and model making About 300 participants for each event turned up and exhibited various technical aspects and competed with the theme – Role of healthcare in shaping future of healthcare, followed by lunch and the session continued. On second day 31st October 2018 day started with guest lectures of Dr. Marimuthu (AIMST University Malasiya) Dr. Annuradha Ravi (khoo Tech Paut hospital, Singapore) and technical sessions started immediately after inaugural address by plenary guests of honour. All the departments of Medicine, physiotherapy, nurshing, allied health science and biotechnology had parallel sessions for Paper presentation and model making with about 460 participants for each department. The session was followed by lunch and technical sessions got completed. After the technical sessions, Valedictory session started with valedictory lecture delivered by Dr.K.Kathiresan(Annamalai University), Vote of thanks delivered by Dr.Yuvarani principal- faculty of physiotherapy) and Heticon report delivered by Dr.Pragna B.Dolia Dean Medicine. Felicitation of all the dignitaries was followed by prize distribution ceremony to the winners and runners of all the technical events respectively. The conference was a grandeur and successfully concluded with National anthem.

## NATIONAL AND INTERNATIONAL CONFERENCE

### Department of ECE National technical symposium - KALAM19

Mr.Oleg N Avdeev ,consul General of Russian federation and Mr.Gennady Rogalev, Director of Russian centre of science and Culture.



The Office of International Relations along with department of Electrical and Electronics Engineering has organized kalam – 2019, National technical symposium.

The program was based on the theme “cyborg”. Mr.Oleg N Avdeev, General of Russian federation .The guest of Honour was Mr.Gennady Rogalev, Director of Russian centre of science and Culture. Our Honorable president sir released the Annual News letter, KALAM19. Our provost sir gave a wonderful Presedential Address. Our joint registrar Dr. Cyril raj sir given a thought provoking special Address. Our honourable president sir presented the guest with memento.



## NATIONAL AND INTERNATIONAL CONFERENCE

### National Conference on “Innovative Computing Techniques” (NCICT 2018)

Mr. Achim Fabig, Consulate General, Federal Republic of Germany inaugurated National Conference on “Innovative Computing Techniques” (NCICT 2018)



The Department of Computer Science Engineering and Information Technology of Dr.M.G.R.Educational and Research Institute has organized the 4th Edition of the two day National Conference on “Innovative Computing Techniques” (NCICT 2018) , on the theme “Data – Science, Analytics & Security” in association with ICTACT, Coe DF, IEI and CSI Chennai Chapter on 9th and 10th of April 2018. The Conference was inaugurated by Honorable chief guest Mr. Achim Fabig, Consulate General, Federal Republic of Germany. Eminent guest Dr.Kala Baskar, Director In-Charge of Cyber Forensics and Information Security, University of Madras delivered the Keynote address. She highlighted on the Social Media Security issues.

Er. A.C.S. Arun Kumar, President, Dr.M.G.R.Educational and Research Institute, Maduravoyal, Chennai. Presided over the inauguration. The objective of the conference is to identify and contend the research challenges in innovative computing techniques in all the miscellaneous fields of Science and Technology. It provided a platform for a worthwhile interaction among dynamic research scholars, faculty members, PG- UG students and Industry people. Eminent academicians across the country served in the panel.

We are extremely happy on receiving Over helming response with about 250 research papers, on the topics of Data Science, Data Security, IOT, Block chain Technology, Cloud Computing, Mobile computing, and Biological Applications from across the country.

Out of 250, around 125 papers have been selected for the presentation and publications, after the peer review process. Papers have been received from Madras University, Dhanalakshmi College of Engineering, Centre for Development of Advanced Computing (CDAC), Rajalakshmi Engineering college, Sri Muthukumaran Institute of Technology, St.Joseph’s Institute of Engineering, Symantec Software Services India Pvt Ltd, R.M.D Engineering College,Tata Consultancy Services to speak a few.

## AWARDS & ACHIEVEMENTS

### 7.1 “Data Analysis and Applications Using Python, Signals and Systems” Yuan Ze University Taiwan

Ch. No.	Year	Name of the Student	Department	University	Tuition Waiver Scholarship
7.1.1	2019	1) Sriram Sachin .K 2) Yogalakshmi B.V. 3) Suresh Raj S P 4) Mathuri P 5) Supraja K S	EEE	Yuan Ze University	1)Sriram – 50% 2)Yogalakshmi – 50% 3)Suresh Raj – 100% 4) Mathuri – 20% 5)Supraja – 20%



元智大學 全球事務處  
Global Affairs Office, Yuan Ze University

32003 桃園市中壢區遠東路 135 號  
135 Yuan-Tung Rd., Chung-Li District,  
32003, Taoyuan City, Taiwan, R.O.C

Email: iadept@saturn.yzu.edu.tw  
Tel: +886-3-4638800 ext: 3281-3285  
Fax: +886-3-4624202

### PRE-ADMISSION NOTICE

Dear Mr./Ms. SRI RAM SACHIN , KATHIRESAN

Congratulations! This is to inform you that after reviewing your credentials, you are accepted to be enrolled in DEPARTMENT OF ELECTRICAL ENGINEERING (GROUP A ELECTRICAL) as a Master student starting 2019 Fall semester. You, however, still need to apply and upload your genuine credential on the YZU online application system and confirm your acceptance.

Furthermore, we would like to offer you 50 % tuition waiver scholarship during the first semester, and may be extended based on your academic performance. Since you applied earlier than normal schedule, the official Admission Notice shall be sent in June, 2019, which you will need for your visa application.

We are so pleased that you have chosen to join our vibrant community.

Hope to see you in September, 2019.

 (signature)

2/21/2019 (date)

Global Affairs Office  
Yuan Ze University





元智大學 全球事務處

Global Affairs Office, Yuan Ze University

32003 桃園市中壢區遠東路 135 號  
135 Yuan-Tung Rd., Chung-Li District,  
32003, Taoyuan City, Taiwan, R.O.C

Email: iadept@saturn.yzu.edu.tw  
Tel: +886-3-4638800 ext: 3281-3285  
Fax: +886-3-4624202

## PRE-ADMISSION NOTICE

Dear Mr./Ms. SURESHRAT, SELLAMATHU PALANISAMY

Congratulations! This is to inform you that after reviewing your credentials, you are accepted to be enrolled in DEPARTMENT OF ELECTRICAL ENGINEERING (GROUP A ELECTRICAL) as a Master student starting 2019 Fall semester. You, however, still need to apply and upload your genuine credential on the YZU online application system and confirm your acceptance.

Furthermore, we would like to offer you 100 % tuition waiver scholarship during the first semester, and may be extended based on your academic performance. Since you applied earlier than normal schedule, the official Admission Notice shall be sent in June, 2019, which you will need for your visa application.

We are so pleased that you have chosen to join our vibrant community.

Hope to see you in September, 2019.

Ching-Pulak (signature)

2/21/2019 (date)

Global Affairs Office  
Yuan Ze University



元智大學 全球事務處

Global Affairs Office, Yuan Ze University

32003 桃園市中壢區遠東路 135 號  
135 Yuan-Tung Rd., Chung-Li District,  
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Email: iadept@saturn.yzu.edu.tw  
Tel: +886-3-4638800 ext: 3281-3285  
Fax: +886-3-4624202

## PRE-ADMISSION NOTICE

Dear Mr./Ms. MATHURI, PRITHVIRAJ

Congratulations! This is to inform you that after reviewing your credentials, you are accepted to be enrolled in DEPARTMENT OF ELECTRICAL ENGINEERING, (GROUP A ELECTRICAL) as a Master student starting 2019 Fall semester. You, however, still need to apply and upload your genuine credential on the YZU online application system and confirm your acceptance.

Furthermore, we would like to offer you 20 % tuition waiver scholarship during the first semester, and may be extended based on your academic performance. Since you applied earlier than normal schedule, the official Admission Notice shall be sent in June, 2019, which you will need for your visa application.

We are so pleased that you have chosen to join our vibrant community.

Hope to see you in September, 2019.

Ching Sullivan (signature)

2/21/2019 (date)

Global Affairs Office  
Yuan Ze University





元智大學 全球事務處

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Fax: +886-3-4624202

## PRE-ADMISSION NOTICE

Dear Mr./Ms. SUPPAJA , KAMALADEVI SARAVANAN

Congratulations! This is to inform you that after reviewing your credentials, you are accepted to be enrolled in DEPARTMENT OF ELECTRICAL ENGINEERING (GROUP A ELECTRICAL) as a Master student starting 2019 Fall semester. You, however, still need to apply and upload your genuine credential on the YZU online application system and confirm your acceptance.

Furthermore, we would like to offer you 20 % tuition waiver scholarship during the first semester, and may be extended based on your academic performance. Since you applied earlier than normal schedule, the official Admission Notice shall be sent in June, 2019, which you will need for your visa application.

We are so pleased that you have chosen to join our vibrant community.

Hope to see you in September, 2019.

Ching Juhn (signature)

2/21/2019 (date)

Global Affairs Office  
Yuan Ze University

## AWARDS & ACHIEVEMENTS

### 7.2 Asia Student Summit Seoul, South Korea

Ch. No.	Year	Name of the Faculty	Department	University	Award
7.2.1	2018	1)MD Jaffar Hussainn 2)Kajol S Khanna 3)Mohana Preethi	MBA	Asia Student Summit Seoul , South Korea	1)Jaffer Won the Social media award. 2)Kajol Won the best presenter award 3)Mohana Preethi Won the most active delegate of the Asia Student Summit.





## AWARDS & ACHIEVEMENTS

### 7.3. Intelligent Ironman Creativity Contest – Ministry Of Education, Taiwan

Ch. No.	Year	Name of the Faculty	Department	University	Amount
7.3.1	2018	1)Dr. Rajeswary Hari 2)Dr. J. Arun Kumar	Biotechnology	Intelligent Ironman Creativity Contest – Ministry of Education, Taiwan	5000 NT\$

25<sup>th</sup> April, 2018

Dr. J. ARUN KUMAR

Dr. MGR EDUCATIONAL AND RESEARCH INSTITUTE, CHENNAI, INDIA

NO: 18/3, OLD NO: 19, 1ST FLOOR, V BLOCK, 14TH STREET,

ANNA NAGAR, CHENNAI – 600 040

INDIA

Dear Sir,

We are happy to invite the following members who represent India team to participate

**2018 International Intelligent Ironman Creativity Contest**

**to be held at Taipei, Taiwan from 25<sup>th</sup> to 31<sup>st</sup> July 2018.**

This contest is hosted by the Ministry of Education, Taiwan, and is one of the most important annual international contests. We are sure you will have a great success in this event.

NO.	Name	Date of Birth	Passport No.	Position
1	ARUN KUMAR JAYA KUMAR	1982/11/21	S0794880	Team Advisor
2	RAJESWARY HARI	1972/3/24	S0783875	International Judge
3	MOHAMMED SHAHID MODI	1997/8/21	N2754191	Team captain
4	AAKASH REDDY MURUGADSAN	1999/6/25	R0874776	Team member
5	SWAJAY CHAUDHARY	1997/10/8	S0768941	Team member
6	MELWIN KINGSLEY JOHN MILLER	1998/12/18	R7295418	Team member
7	MADESHWARAN LAKSHMIPATHY	1998/12/9	S0779023	Team member
8	SATISHKUMAR SUBENDRAN	1998/1/29	Z4746647	Team member

We shall be responsible for your round trip economy air-ticket to and from Taiwan, meals and lodging. The official accommodation will be at Shih Hsin University dormitory. We shall arrange all transportation from and to airport for you. If there are any more questions, please do not hesitate to contact us.

We look forward to seeing you soon.

Sincerely yours,

Prof. Ko-Fei Liu




Professor, National Taiwan University

Project leader, Intelligent Ironman creativity contest

Tel: +886-2-2365-5405

Email: kflu@ntu.edu.tw

## AWARDS & ACHIEVEMENTS

### 7.4. TECC IN INDIA & Ministry of Education Taiwan Scholarship

Ch. No.	Year	Name of the Faculty	Department	University
7.4.1	2019	Sureshraj Sellamathu Palanisamy	Mechanical	Yuan Ze University
7.4.2	2019	Satishkumar Subendran	EEE	National Cheng kung University
7.4.3	2020	Prathiksha Prabhakar	BT	Taipei Medical University
7.4.4	2020	Naim Sarkar	CSE	National Chiao Tung University





## AWARDS & ACHIEVEMENTS

駐印度代表處 108 學年度教育部「臺灣獎學金」正備取受獎候選人  
2019 TECC in India & Ministry of Education Taiwan Scholarship List of Successful candidates and  
Alternate candidates

SN	Name	SN	Name
1	Harsha Vikhyath Reddy Rachamallu Kothamidda	32	Antolin Jesila Jesu Amalraj
2	Girish Ningappa Mathad	33	Amrit Sharma
3	Venkata Naga Sai Bhargavi Dande	34	Ram Sharma
4	Priyanka Vinothkumar	35	Subashini Varadharajan
5	Shiva Prasad Sirmulwar	36	Pratik Satishkumar Shendge
6	Vivek Kumar	37	Chandramohan Reddy Poreddy
7	Veeramani Rajendran	38	Alan Wu
8	Sathesh Tamilarasan	39	Soumyodeep Deb
9	Sathishkumar Chinnapaiyan	40	Kevin Joseph Dilip
10	Saransh Shrivastava	41	Morgina Akter
11	Pratik Prakash Gupta	42	Pintu Kumar
12	Atik Garg	43	Chamani Shiranthika Jayakody Kankanamalage
13	Suvajit Acharjee	44	Sureshraj Sellamathu Palanisamy
14	Raju Sharma	45	Satishkumar Subendran
15	Kirankumari Gopalji Sheshma	Waiting 1	Gokulnath Vadivel
16	Anirban Ganguly	Waiting 2	Srikanth Reddy Yiza
17	Bharath Kumar Boyanapalli	Waiting 3	Mayuri Nanasaheb Tuwar
18	Aritra Pal	Waiting 4	Bharat Chandra Alla
19	Samiksha Bajaj	Waiting 5	Vishal Vishnoi
20	Smriti Mavar	Waiting 6	Mohammed Bilal Ansari
21	Vignesh Ponnurangan	Waiting 7	Vikas Yadav
22	Agam Kumar	Waiting 8	Krishna Kumar Uttam
23	Anuj Jha	Waiting 9	Krishn Das Patel
24	Puyam Tondonba Singh	Waiting 10	Saif Allauddin Tamboli
25	Thamaraikannan Muthusamy	Waiting 11	Harikrishnan Manjoorkizhakkethil Krishnakumar
26	Ashly Serene Jose	Waiting 12	Sai Bhavani Sravan Metla
27	Mohd Yaqub Khan	Waiting 13	Usama Yasir Khan
28	Ramachandran Gurusamy	Waiting 14	Shubham Subhash Kolhe
29	Ayashika Mukherjee	Waiting 15	Naga Vijaya Gogineni
30	Vivek Jabaraj Joseph	Waiting 16	Nilantha Premakumara Weerappulige
31	Aswini Kumar		

## AWARDS & ACHIEVEMENTS

P.S. All the successful candidates have to submit your admission letter to the mailbox:  
teccinindia@gmail.com by 20 June, 2019 to confirm your eligibility of the Scholarship

駐印度代表處 109 學年度教育部「臺灣獎學金」正備取受獎候選人

2020 TECC in India & Ministry of Education Taiwan Scholarship List of Successful Candidates and  
Alternate Candidates

Note: All the successful candidates have to submit your admission letter to the mailbox:  
teccinindia@gmail.com by 20 July, 2020 to confirm your  
eligibility of the Scholarship

SN	Name	SN	Name
1	Inayath Nellyali	34	Neleena Nair Gopakumar
2	Rupan Bera	35	Saif Imtiyaj
3	Ajit Dash	36	George Jose Kalathil
4	Mohammad Rizwan Bhina	37	Chen Mew Ling
5	Avantika De	38	Arushi Singh
6	Monika Sales	39	Ringngam Lamkang Sankhil
7	Namrata Deka	40	Naveen Madhumal Rangasinghe Arachchige
8	Devendra Reddy Bandi	41	Trayee Dhar
9	Purushottam Gyawali	42	Paromeeta Bandyopadhyay
10	Sakshi Saraswat	43	Anish Gulati
11	Mohammad Abubakar Sadique	44	Manu Moudgil
12	Mohamed Faizal Abdul Rahman	45	Rahul Singh Bais
13	Saurav Dangar	Waiting 1	Tanoj Ramesh Langore
14	Tanvi Gupta	Waiting 2	Mohammad Zainul Abedeen
15	Dileep Karnam	Waiting 3	Neeraj Reddy Kondapally
16	Ritika	Waiting 4	Sanchayan Mahato
17	Jiji Kannan	Waiting 5	Anushree Ghosh Dastidar
18	Neethish Kumar Unnam	Waiting 6	Avaneesh Hari Haran
19	Sumpi Hage	Waiting 7	Vertika Bajpai
20	Aditi Lakhera	Waiting 8	Nadeem Ahamad
21	Narendra Babu Tatini	Waiting 9	M A B Sayeem Bin kutub
22	Pavan Kumar Kavale	Waiting 10	Saravana Kompala
23	Manoj Kumar Karibhuktha	Waiting 11	G M Shazzad Hossain Prince
24	Aishwarya Gowda Ashok Girija	Waiting 12	Faizan Husian
25	Pawan Kumar Singh	Waiting 13	Syed Nabhan
26	Prathiksha Prabhakar	Waiting 14	Eldhose Vadakkechailil Varghese
27	Avinash Rangra	Waiting 15	Gopal Karunanithi
28	Apoorv Saxena	Waiting 16	Aravind Seenii Seenii
29	Naim Sarkar	Waiting 17	Neha
30	Yogesh Kumar	Waiting 18	Bibek Gupta
31	Rahul Reddy Kundangurthi	Waiting 19	Shubhra Singh
32	Pratikkumar Navinbhai Nayi	Waiting 20	Surya Govind
33	Ankit Singh Rawat		



Dinamalar  
Date: 24/07/2019

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**வெற்றி நிச்சயம்**

- ஏ.சி.எஸ். அருள்குமார்,  
தலைவர், டாக்டர் எம்.ஜி.ஆர். கல்வி மற்றும் ஆராய்ச்சி நிறுவனம், மதுரையல், சென்னை.

உலக நாடுகள் திரும்பி பார்க்கும் வகையில், இன்று இந்தியாவின் கல்வித் தரம் உயர்ந்துள்ளது. சர்வதேச நிறுவனங்களின் உயரிய பொறுப்புகள் இந்தியச் சூழலுக்கு வழங்கப்படுவதே, மேற்கொள்ள உள்மனக்கு அழுத்தமான சான்று.

இந்த சாதனையில், தமிழர் கல்வி நிறுவனங்களுக்கு கவர்வான பங்குண்டு. ஆம்... தமிழர் கல்வி நிறுவனங்கள் இன்றி, நம் கல்வித்தரம் சர்வதேச அளவில் சிறந்த இடத்தை பிடிப்பதற்கான வாய்ப்புகள் மிகக் குறைவு. இதை முழு மையமாக உணர்ந்துள்ள நாங்கள், அதிர்வியல் பூர்வமான கல்வியை மாணவர்களுக்கு வழங்குகிறோம்.

எங்கள் கல்வி நிறுவனமானது பல்வேறு துறைகளில் ஏராளமான படிப்புகளை வழங்குவதோடு மட்டுமல்லாமல், பல்வேறு தேசிய வளர்ச்சி திட்டங்களிலும் ஈடுபட்டு வருகிறது. குறிப்பாக இந்திய ராணுவம், சுதற்படை, விமானப்படை, கனின் வளர்ச்சி சந்தை திட்டங்களில் நிதி உதவி பெற்றுள்ளது. கடத்த சிவ ஆண்டுகளில் மட்டும், 30 கோடி ரூபாய் அளவில் பல்வேறு திட்டப்பணிகளை மேற்கொண்டுள்ளது.

**ஒப்பந்தங்கள்**

டாக்டர் எம்.ஜி.ஆர். பொறியியல் கல்லூரி மற்றும் தாய் மூகாய்ப்பை பல்புறத்துவ கல்லூரி ஆகியவை, கடத்த 2003ம் ஆண்டில் மற்றிய அரசால், 'டாக்டர் எம்.ஜி.ஆர். கல்வி மற்றும் ஆராய்ச்சி நிறுவனம்' என, தனித்தனம் பங்கைக் கழகமாக தரம் உயர்த்தப்பட்ட பின்பு, உலக நாடுகளில் உயர் பல்வேறு கல்வி நிறுவனங்கள் மற்றும் தொழில் நிறுவனங்களிடம் தங்கள் ஒப்பந்தம் மேற்கொண்டு வருகின்றன.

குறிப்பாக, டெல்லிஸீயா டெக் பல்புறக்கழகம் - அமெரிக்கா, மிகக் சிறந்ததொரு பங்கைக்கழகம் - ஐதாலம், தேவதாஸ் உயர்நிலை அறிவார்ச்சிடி ஆம் சர்வீஸ்ஸ் அண்ட் டெக்னாலஜி - ஐதாலம், ஆசியா அறிவார்ச்சிடி - ஐதாலம், அபாஸ் அறிவார்ச்சிடி - மலேசியா, சவுத் உயர் மட்டே அறிவார்ச்சிடி - ஈக்லா, அறிவார்ச்சிடி ஆம் செசீனா - இத்தாலி உள்விட்ட பங்கைக்கழகம் கன் மட்டுவீனரி, இத்தியாவில் உயர் பிரசித்தி பெற்ற அரசு கல்வி நிறுவனங்களுடனும் இணைத்து, 'ஸ்டுடென்ட் எக்ஸ் சேஞ்சு புரொகிராம்' மேற்கொள்கிறோம்.

மருத்துவம், பொறியியல், கலை, அதிர்வியல், கட்டடக்கலை, பார்ச்சி, பாலி டெக்னிக் உள்விட்ட அனைத்து துறை படிப்புகளையும் நாங்கள் வழங்குகிறோம். சுடபே, மாணவர்கள் அனைவருக்கும் திறன் வளர்ப்பு பரிநிச்சேனையும் அளிக்கிறோம். எந்த ஒரு மாணவரும், தொழில் நுணையோராகவோ அல்லது உத்தரவாத பணிபுடனோ தாம் எங்கள் கல்வி நிறுவனத்தை விட்டுச் செல்ல வேண்டும் என்பதில் உறுதியாக இருக்கிறோம்.

இதோடு, ஒழுக்கத்திற்கு அழித ஒக்கி யத்துவம் அளிக்கிறோம். 'ஒழுக்கத்தோடு இணைந்த கல்விநிறுவனம், வெற்றிகளை நிச்சயமாக்கி தரும்' என்பதில் அனைக்க நியுடாத தம்பிக்கை கொண்டுள்ளோம்.

கல்வி துறைக்குத்  
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Financial Express  
Date: 13/05/2019



## ACHIEVEMENT-DR. MGR UNIVERSITY

4 UG and two academics from Dr. M.G.R. Educational And Research Institute (Chennai) spent nearly two months at Sheffield Hallam University, United Kingdom, working with Prof Marcos Rodrigues on real world AI (Artificial Intelligence) problems.

**The Hindu**  
**Date: 06/06/2019**

**INTERNATIONAL EXPOSURE**



Four undergraduates and two academicians from Dr. M.G.R. Educational and Research Institute (Chennai) spent nearly two months at Sheffield Hallam University, United Kingdom, working with Prof Marcos Rodrigues on real world AI (Artificial Intelligence) problems. Professor Rodrigues showcased his research on medical engineering in collaboration with GE Healthcare, UCL and North Middlesex Hospital. He also showcased his data compression, and AI projects with PRGXInc (Atlanta, US), AI Nexus Ltd and Crossing Technologies Ltd (London). At Sheffield Hallam University, Prof Rodrigues hosted the team who worked on an AI project in connection with AI Nexus Ltd. Prof Rodrigues said "MGR team was excellent. They learned a range of new technologies and I am sure this experience helps them to boost their career opportunities". The President Er. A.C.S. Arun Kumar of MGR said, "We want our students to have an international exposure while they are studying with us. We know experiences help them to improve the employability skills. We are looking forward for many such opportunities for our students."

**Malai Murasu**  
**Date: 27/10/2018**

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வேலப்பன் சாவடியில் உள்ள  
ஏ.சி.எஸ். மருத்துவ கல்லூரி  
மருத்துவமனை சார்பில்  
சர்வதேச மாநாடு வருகின்ற  
30 மற்றும் 31-ந் தேதி ஆகிய  
2 நாட்கள் நடைபெறுகிறது.  
வருங்காலத்தில் சுகாதாரத்  
தினை வலிமையாக கட்ட  
மைப்பது குறித்த இந்த மாநாட்  
டில் பல்வேறு நாடுகளில்  
இருந்து மருத்துவ கல்லூரி  
முதல்வர்கள், பேராசிரியர்கள்  
கலந்து கொள் கிறார்கள்.  
சவுதி அரேபியா டாக்டர்  
நியூ பாஷா கேம்பி, மலேசி  
யாவை சேர்ந்த டாக்டர்  
மோகனா, டாக்டர் மாரிமுத்து,  
சிங்கப்பூர் டாக்டர் அனுராதா  
ரவி, செட்டிநாடு மருத்துவ  
கல்லூரி துணை வேந்தர்  
டி. பாலசுப்பிரமணியன்,  
அண்ணாமலை பல்கலைக்  
கழக முன்னாள் முதல்வர்  
கே.கதிரேசன், சிம்ஸ் மருத்து  
வமனை நிர்வாக இயக்குநர்  
சுந்தரி எட்வின் உள்ளிட்ட  
பலர் கலந்துகொண்டு சிறப்பு  
ரையாற்றுகிறார்கள்.

**The Hindu**  
**Date: 29/05/2019**

**INTERNATIONAL  
COLLABORATIONS**

Four undergraduates and two academicians from Dr. M.G.R. Educational And Research Institute (Chennai) spent nearly two months at Sheffield Hallam University, United Kingdom, working with Prof Marcos Rodrigues on real world AI (Artificial Intelligence) problems. This project opportunity was offered soon after Prof Rodrigues's visit to MGR in December 2018.

During their visit, Professor Rodrigues showcased his research on medical engineering in collaboration with GE Healthcare, UCL and North Middlesex Hospital, data compression, and AI projects with PRGXInc (Atlanta, US), AI Nexus Ltd and Crossing Technologies Ltd (London).

At Sheffield Hallam University, Prof Rodrigues hosted the team involving Dr T. Godhvari (Head, Electronics and Communication Engineering) and Dr.T.V.Ananthan (Professor, Computer Science Engineering) and four undergraduates who worked on an AI project in connection with AI Nexus Ltd.

Prof Rodrigues commented about the team of students and academicians saying, "MGR team was excellent. They developed competitive solutions for real world problems. They learned a range of new technologies and I am sure this experience helps them to boost their carrier opportunities". The President Er. A.C.S. Arun Kumar of MGR said, "Such experiences help them to improve the employability. We are looking forward for many such opportunities". The two institutes are working together to develop more such collaborative opportunities.

**MORE ON BACK PAGE**