VIT®
Vellore Institute of Technology
(Deemed to be University under section 3 of UGC Act, 1956)

School of Electrical Engineering (SELECT)

Mission

To be a leader for academic excellence in the field of electrical, instrumentation and control engineering imparting high quality education and research leading to global competence for the societal and industrial developments.

Vision

- Impart high quality education and interdisciplinary research by providing conducive teaching learning environment and team spirit resulting in innovation and product development.
- Enhance the core competency of the students to cater to the needs of the industries and society by providing solutions in the field of electrical, electronics, instrumentation and automation engineering.
- Develop analytical skills, leadership quality and team spirit through balanced curriculum.

DEAN'S MESSAGE

Message from Dean, School of Electrical Engineering:

The School of Electrical Engineering has steadily grown in eminence since its inception in 2009 and enables undergraduate and graduate students to provide technological solutions to societal problems. In particular, the QS world subject rank of our EEE program has improved by 50 ranks over the past years and stands at **201-250 globally as of 2023**. The field of Electrical Engineering is evolving faster than ever, growing ever more complex and multidisciplinary. We keep abreast of latest developments by continually revising our curriculum with inputs from academia and industry. In addition we ensure that at least 80 % of students in every batch take multiple Value Added Programs (VAPs) to acquire new employability skills. Since the start of our academic year in July 2022, the School of Electrical Engineering has organized **25 international Guest Lectures** to provide global exposure and make our students cognizant of research in top international universities. An industry sponsored hackathon was organized to provide students with experience in solving real-world problems. **17 Faculty Development Programs** and **6 industrial visits** were organized during this same period to improve the quality of our academic programs and help faculty adopt effective pedagogies. The faculty of our school published **47 journal papers**, **22 conference papers and 13 books/chapters** during this period. I encourage you to follow the activities of our school and keep in touch with us through our official social media handles listed at the end of this newsletter.

QS WORLD UNIVERSITY RANKINGS

2023
QS World University Ranking by Subject
Electrical and Electronics Engineering
(201-250)

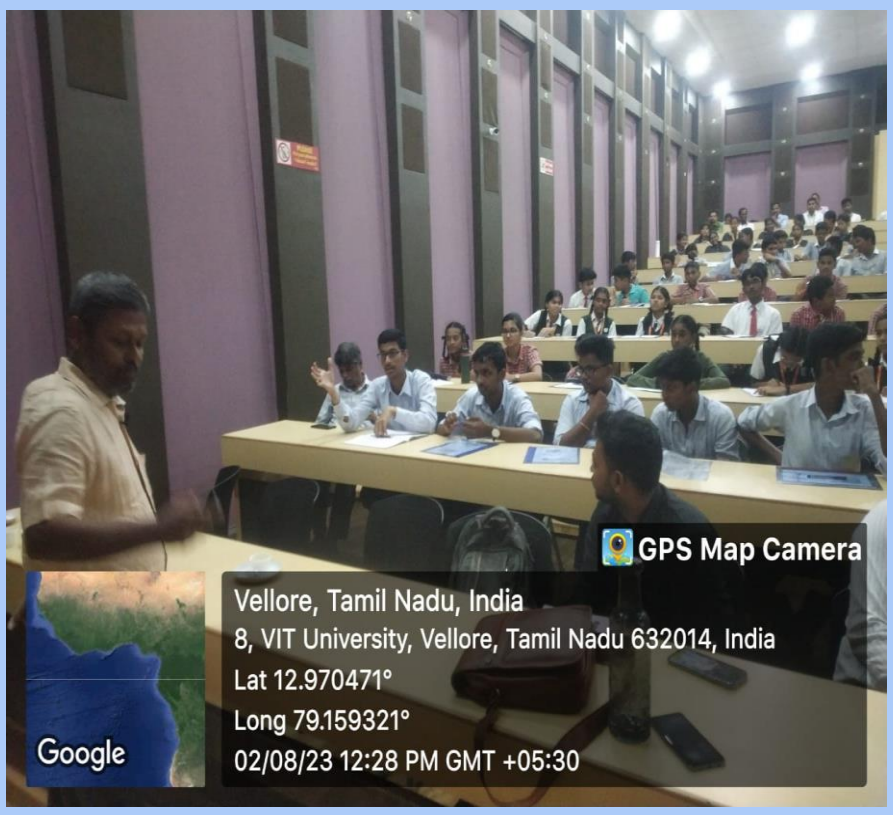
HMI LAB INAGURATION JULY 26 2023

School of Electrical Engineering introduced 'HMI Lab facility' in Industrial Automation Lab on 26th July 2023. Schneider sponsored HMI lab was inaugurated jointly by Dr. G.V.Selvam, VP, VIT, India and Mr. Tomoa Ishii, VP and Head of HMI line of business Schneider Electric, Japan. This facility boasts an impressive array of modern equipment, simulators, and innovative training modules, carefully curated by a team of subject experts from VIT and Schneider.

IEEE POWER ELECTRONICS SOCIETY STUDENTS CHAPTER

IEEE Power Electronics Society Students Chapter of Vellore Institute of Technology (VIT) was inaugurated on 06th September 2023. The chapter was officially inaugurated in presence of the Chancellor of the University, Dr.G.Viswanathan, Dr. J. Navenaneetha Krishnan, Additional Director of Special Schemes, Animal Husbandry and Veterinary Services Head, Government of Tamil Nadu, Dr. K. Porkumaran, Chairman, IEEE Madras Section, Shri. Shankar Viswanathan, Vice President, VIT, Prof. Partha Sharathi Mallick, Pro-Vice Chancellor, VIT, Prof. T.Jayabarathi T, Registrar, VIT, Dr. Mathew M. Noel, Dean, School of Electrical Engineering, Dr. S. Albert Alexander, Chairman, IEEE PELS, IEEE Madras section and Dr. A. Chitra, faculty coordinator of IEEE PELS, VIT.

GREEN INDIA CAMPAIGN – A SOLAR PERSPECTIVE



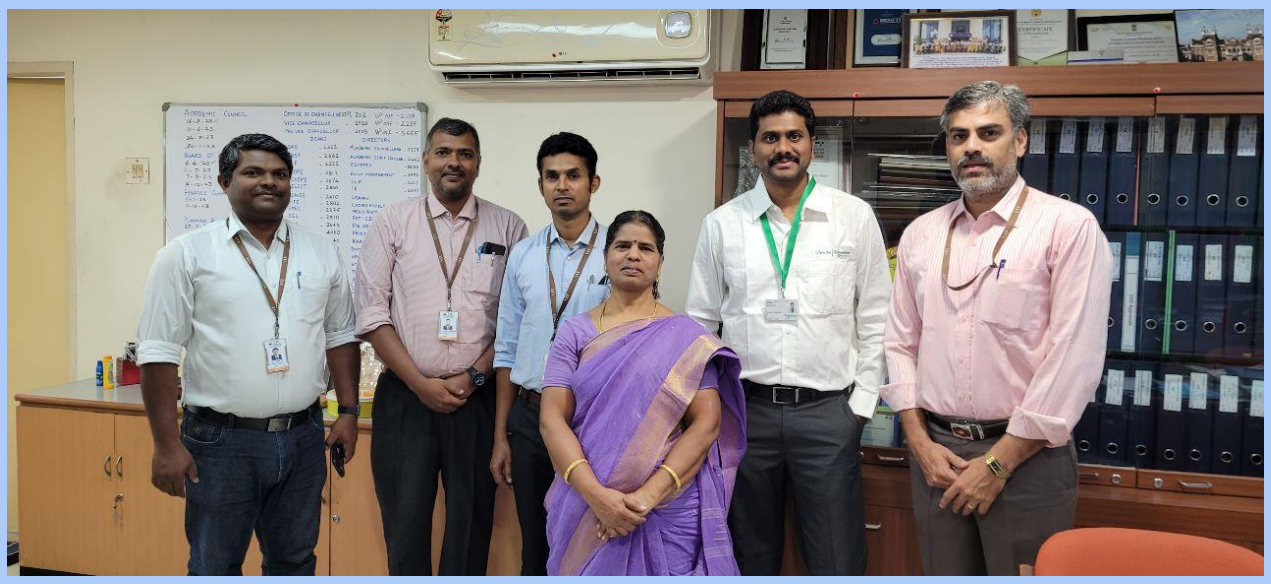
VIT Vellore as a proud Institutional member of SESI organized a one day awareness program named as "Green India Campaign – A Solar Perspective

GUEST OF HONOR

Mr. G. Sivaramakrishnan,
President, Kerala Renewable Energy Entrepreneurs and Promoters Association (KREEPA), Kochi, Kerala

Mr. R. Vignesh,
Managing Director, Shri Kailash Industrial and Logistics Parks, Chennai

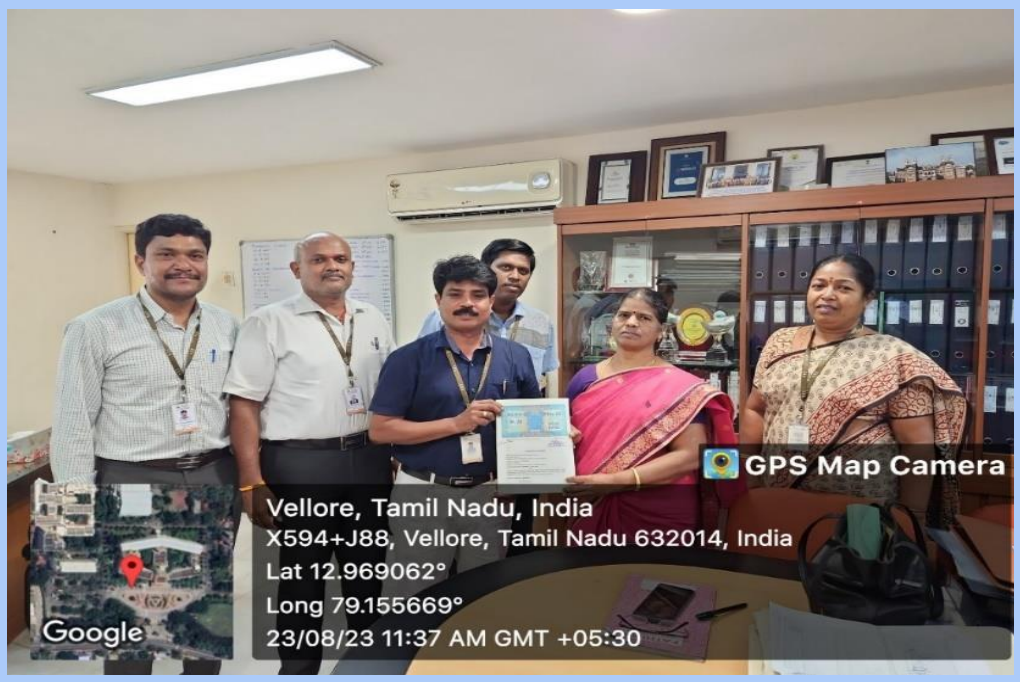
MEMORANDUM OF UNDERSTANDING SIGNED



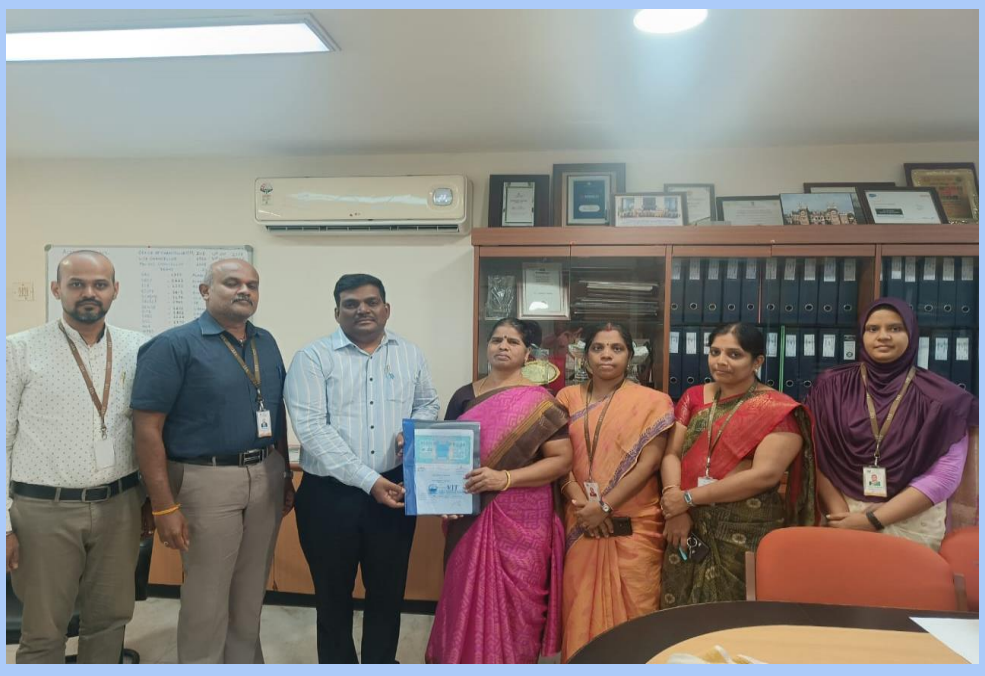
School of Electrical Engineering established a MoU with Schneider Electric Pvt.Ltd on 19th July 2023 to provide a HMI lab in VIT. As part of the MoU four HMI architectures will be installed in Industrial Automation Lab in VIT

MEMORANDUM OF UNDERSTANDING SIGNED

MoU signed between VIT Vellore and Power systems, Bangalore.

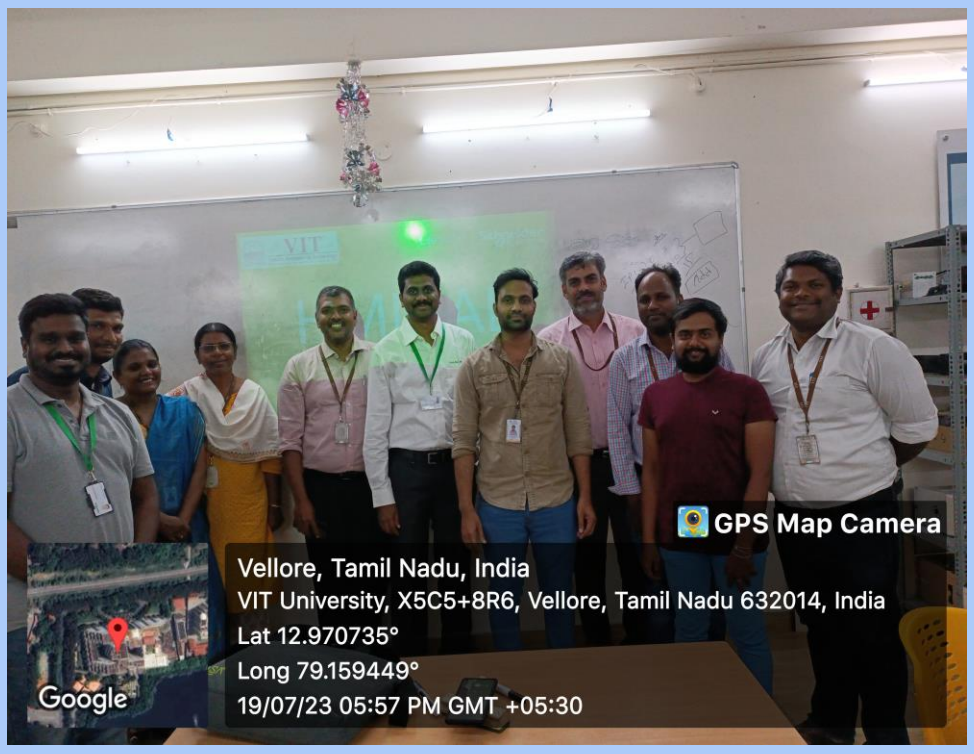


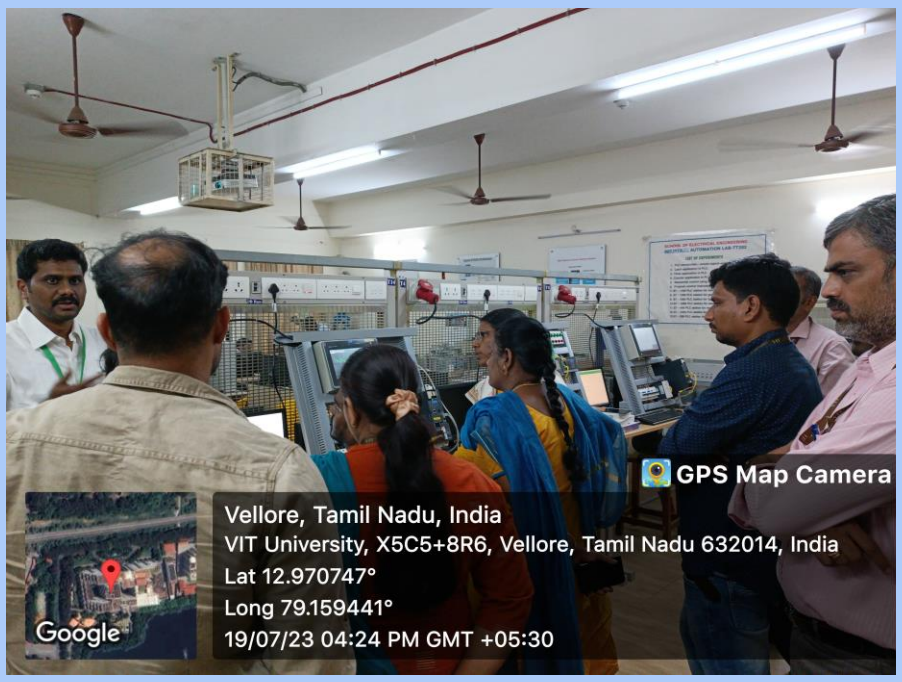
MoU signed between VIT Vellore and Eapta Dynamics Private Limited, Coimbatore.



Under L&T Elevate program B.Tech Students **Akash Shaji, Sanjeev Kashyap Santosh, Srijan Chaturvedi, and Shubhrant Shukla** got an internship opportunity at **L&T Digital Energy Solutions – Power Transmission and Distribution for a period** of 4 months from October 2023 to February 2024 with a stipend of Rs. 25000 per month.

FACULTY DEVELOPMENT PROGRAM ORGANISED





Two days of Faculty development program and Hands-on training session for VIT faculty members was conducted from the Department of Control and Automation on HMI systems. The session was handled by Mr. Suman Nadella Principal Project Design Leader and Mr. Giridhar Vemparala, Senior Test Engineer Software Schneider Electric Pvt. Ltd. Bangalore on 19th & 20th July, 2023.

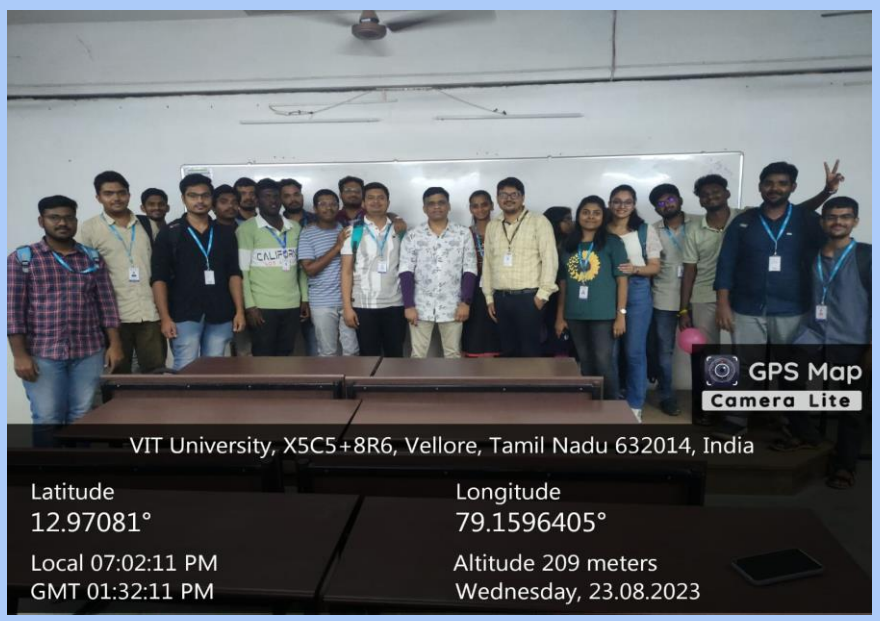
GUEST LECTURE ORGANISED

On July 26, 2023, School of Electrical Engineering has organized an interactive guest lecture for VIT students and researchers by Mr. Tomoa ISHII, Vice-President and Head of the HMI line of Business, Schneider, Japan.

Department of Control and Automation, School of Electrical Engineering, hosted a foreign guest lecture for the newly admitted master's students. For the talk, Taylors University in Malaysia's Prof. Dr. Chockalingam Aravind Vaithilingam was invited. He spoke on the subject "Thinking Insider the Bigger Box".

Faculty Organiser

Dr. Jitendra Kumar Goyal



WORKSHOP ORGANISED

3-day workshop on "**Hands on training on Development of Electric Vehicles**" was organised by School of Electrical Engineering on 28th to 30th September 2023.

KAUST VISIT

Gokul Krishnan was granted fully funded international research opportunity by VIT Vellore to visit KAUST (King Abdullah University of Science and Technology), Saudi Arabia in the department of KAUST CEMSE as visiting research student.

FOREIGN PROFESSOR VISIT

Foreign Professor ***Dr.Umashankar, Prince Sultan University,*** *Saudi visited VIT Vellore and made Research Discussion with the research scholars of SELECT*

Faculty Coordinators

Dr. Amuthaprabha.N

Dr.Indragandhi.V

Adjunct Professor

Dr. Chockalingam Aravind Vaithilingam from Taylor's University, Malaysia made Research Discussion with the research scholars of SELECT on the topic "Return to Zero (Research Methods)"

Faculty Coordinators

Dr. Amuth Prabha N
Dr. Abhishek G
Dr. Jaganatha Pandian B
Dr. Indragandhi V

FACULTY ACHIEVEMNETS

Dr. M Kowsalya, Won the best presentation award at the 20th World Congress of the International Fuzzy Systems Association, August 22, 2023 Daegu, Korea, for the paper "Fuzzy Based Power Sharing in Parallel Neutral Point Clamped Inverters for Micro grid Applications".

KIIS

Best Presentation Award

Fuzzy Based Power Sharing in Parallel Neutral Point Clamped Inverter for Microgrid Applic

M. Kowsalya[a,c], Hyung-Jin Kim[b], In-Ho Ra[c]

[a]Vellore Institute of Technology, [b]Jeonbuk National University, [c]Kunsan National University

This certificate is presented to the authors in recognition of the most outstanding presentation in

The 20th World Congress of the International Fuzzy Systems Association

August 22, 2023

Daegu, Korea

Byung-Jae Choi
General Co-Chair of IFSA 2023

IFSA 2023

Frank Chung-Hoon Rhee
General Co-Chair of IFSA 2023

VIT won the prestigious "SEEM Award (Gold)" under the Education category for enhancing energy conservation at the campus. The award was conferred by the Society of Energy Engineers and Managers for the year 2022. Dr.K.Palanisamy from School of Electrical Engineering received the award

Dr. N. Amutha Prabha, was awarded with GOLD AWARD for their outstanding performance and exceptional achievement for the pitching (educator) entitle "Catalysing Societal Transformation: Empowering Communities through IMPACT© Learning and Teaching" at the Virtual International E-Content Development Competition 2023 (ECONDEV 2023) organized by the Institute of Continuing Education and Professional Studies (iCEPS), Universiti Teknologi Mara (UiTM) on 22nd- 24th August 2023 Via Online.

CERTIFICATE of ACHIEVEMENT

THIS CERTIFICATE IS AWARDED TO

CHOCKALINGAM ARAVIND VAITHILINGAM, NURFARHANIM ABU BAKAR
N. AMUTHA PRABHA, PRAVEENA NAIR SIVASANKARAN

FOR THEIR OUTSTANDING PERFORMANCE AND EXCEPTIONAL ACHIEVEMENT IN ATTAINING THE

GOLD AWARD

FOR THE PITCHING (EDUCATOR) ENTITLED
Catalyzing Societal Transformation: Empowering Communities through IMPACT© Learning and Teaching

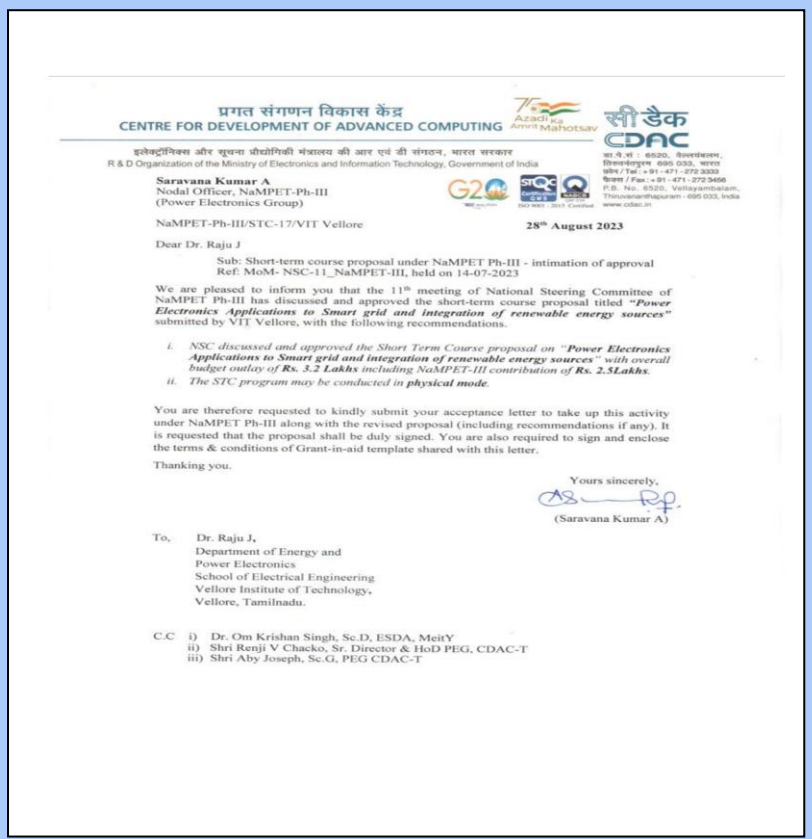
AT **THE VIRTUAL INTERNATIONAL E-CONTENT DEVELOPMENT COMPETITION 2023**
(ECONDEV 2023)

ORGANIZED BY THE INSTITUTE OF CONTINUING EDUCATION AND PROFESSIONAL STUDIES (iCEPS), UNIVERSITI TEKNOLOGI MARA (UiTM).
ON 22nd - 24th AUGUST 2023 VIA ONLINE

THIS ACHIEVEMENT SERVES AS AN INSPIRATION TO OTHERS. IT SHOWCASES YOUR EXEMPLARY LEADERSHIP, CREATIVITY, AND EXCELLENCE IN ECONTENT DEVELOPMENT.

PROF. DATUK DR HAJAH ROZIAH MOHD JANOR
VICE CHANCELLOR
Universiti Teknologi MARA (UiTM)

Institute Of Continuing Education & Professional Studies (iCEPS)
Level 2, UiTM-MTDC Technopreneur Centre, Universiti Teknologi MARA (UiTM), 40450, Shah Alam, Selangor Darul Ehsan.



प्रगत संगणन विकास केंद्र
CENTRE FOR DEVELOPMENT OF ADVANCED COMPUTING

इलेक्ट्रॉनिक्स और सूचना प्रौद्योगिकी मंत्रालय की आर एवं डी संगठन, भारत सरकार
R & D Organization of the Ministry of Electronics and Information Technology, Government of India

सी डैक
CDAC

Saravana Kumar A
Nodal Officer, NaMPET-Ph-III
(Power Electronics Group)

NaMPET-Ph-III/STC-17/VIT Vellore **28th August 2023**

Dear Dr. Raju J

Sub: Short-term course proposal under NaMPET Ph-III - intimation of approval
Ref: MoM- NSC-11_NaMPET-III, held on 14-07-2023

We are pleased to inform you that the 11th meeting of National Steering Committee of NaMPET Ph-III has discussed and approved the short-term course proposal titled ***"Power Electronics Applications to Smart grid and integration of renewable energy sources"*** submitted by VIT Vellore, with the following recommendations.

i. *NSC discussed and approved the Short Term Course proposal on "**Power Electronics Applications to Smart grid and integration of renewable energy sources**" with overall budget outlay of **Rs. 3.2 Lakhs** including NaMPET-III contribution of **Rs. 2.5Lakhs**.*
ii. *The STC program may be conducted in **physical mode**.*

You are therefore requested to kindly submit your acceptance letter to take up this activity under NaMPET Ph-III along with the revised proposal (including recommendations if any). It is requested that the proposal shall be duly signed. You are also required to sign and enclose the terms & conditions of Grant-in-aid template shared with this letter.

Thanking you.

Yours sincerely,
(Saravana Kumar A)

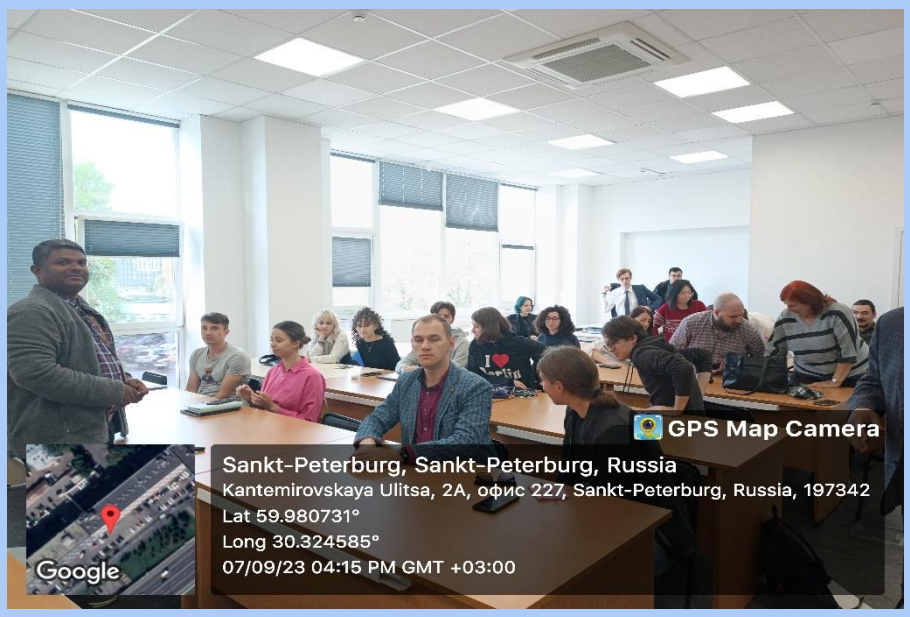
To, Dr. Raju J,
Department of Energy and
Power Electronics
School of Electrical Engineering
Vellore Institute of Technology,
Vellore, Tamilnadu.

C.C i) Dr. Om Krishan Singh, Sc.D, ESDA, MeitY
ii) Shri Renji V Chacko, Sr. Director & HoD PEG, CDAC-T
iii) Shri Aby Joseph, Sc.G, PEG CDAC-T

Dr. Raju J and Dr. Saravanakumar R has received Rs. 2.5 Lakhs for conducting short course in VIT from National Mission of Power Electronics Technology (NaPET Phase III), CDAC, Govt. of India.

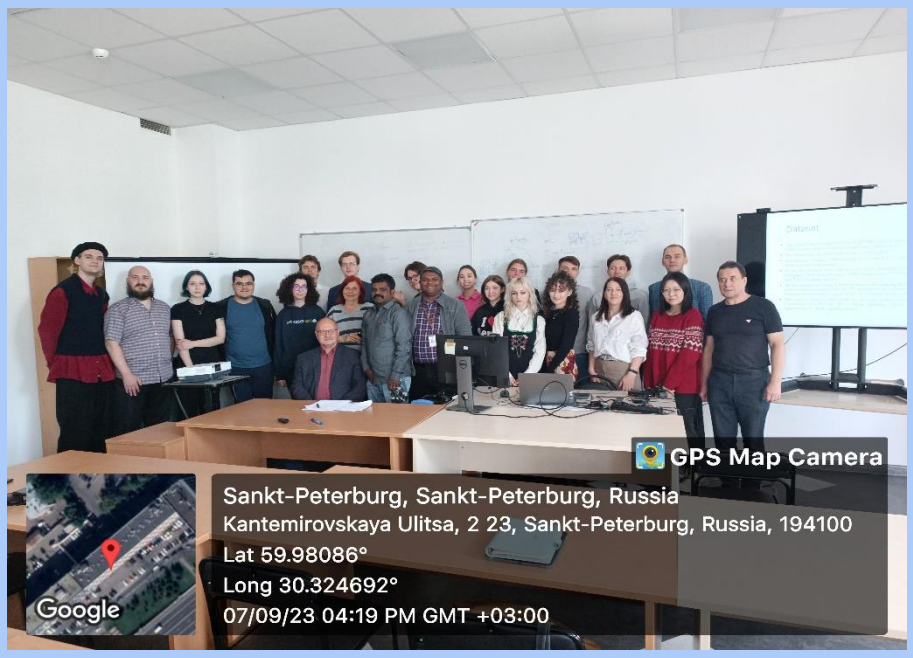
Dr. Raju J

Dr. Saravanakumar R



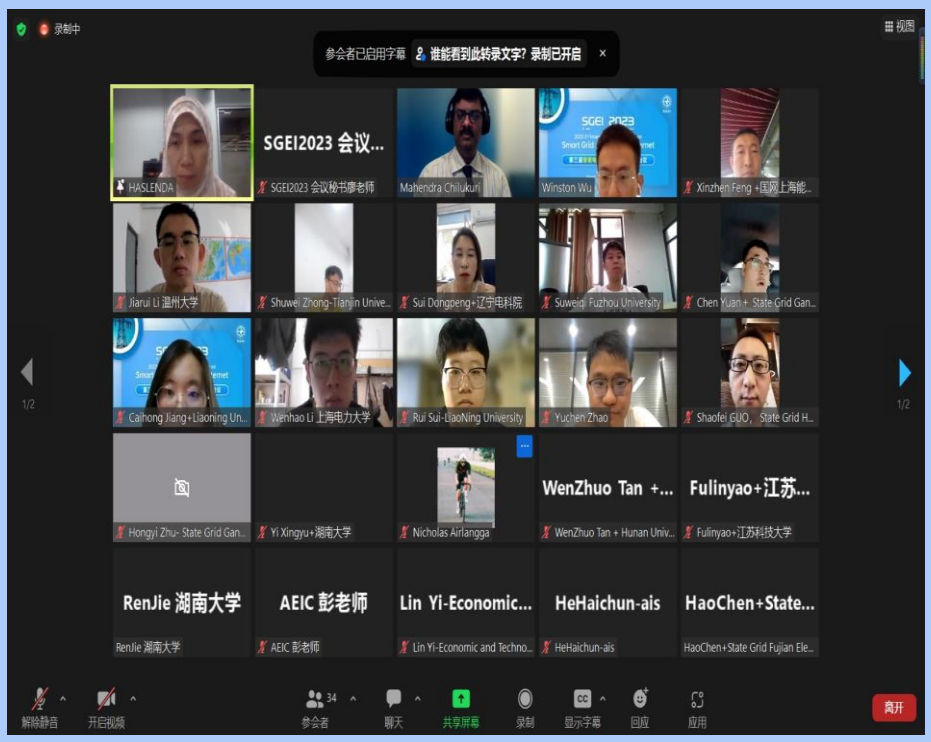
Dr. N. Ruban delivered a session for master's students and researchers of ITMO University, Saint Petersburg Russia on 7th Sep 2023.

Dr. N. Ruban



Dr. N. Ruban arranged one month project internship to two pre-final year ECE students from BMS Institute of Technology and Management, Bangalore.

Dr. N. Ruban



Dr M V Chilukuri delivered Keynote Speech AI & 5G for Smart Grid and Energy Internet at International Conference on Smart Grid and Energy Internet (SGEI2023), 8.9.2023, China

Dr M V Chilukuri

APPRECIATION

PV magazine wrote an article about the work published by scholar- Mr. A Ram Kumar

STUDENT ACHIVEMENTS

Respected Sir,

I am Shaurya Chandra (20BEE0314), Final year student of EEE at VIT Vellore.
I was awarded with the prestigious & fully funded MITACS Globalink Research Internship at Université du Québec à Chicoutimi under supervision of Prof. Alexandre Robichaud.

My internship dates are from 7th June to 7th September, 2023 and I returned to campus on 10th September.

The goal of my project is to develop RISC-V processors on FPGAs dedicated to artificial intelligence at the edge. First, a state-of-the-art study will be done. Then, different techniques will be tested on FPGA. The results of this project could eventually lead to the fabrication of an integrated circuit with commercial technology available to Canadian researchers.

Please grant me an on-duty for the following duration:
July 24, 2023 to September 8, 2023.

This letter is to verify that all the concerned documents regarding my internship are valid.

Regards
Shaurya Chandra
20BEE0314

Approved

SHAURYA CHANDRA-20BEE0314 received Mitacs Globalink Research Internship University of Quebec at Chicoutimi Full funded internship + 10kCAD dollar- from 07-06-2023 to 07-09-2023

BANKATHON

Mr. A. Chethan Reddy (20BEE0197), Mr. Subhanu Sankar Roy (20BIT0151), and Mr. A. Harsha Vardhan Reddy (23BID0011) recently represented VIT and achieved first runner-up honors in the Axis Bank LLM Bankathon. They won a cash prize of Rs. 1.5 lakh. The competition saw 5000+ teams across India not only consisting of college students but also working professionals.

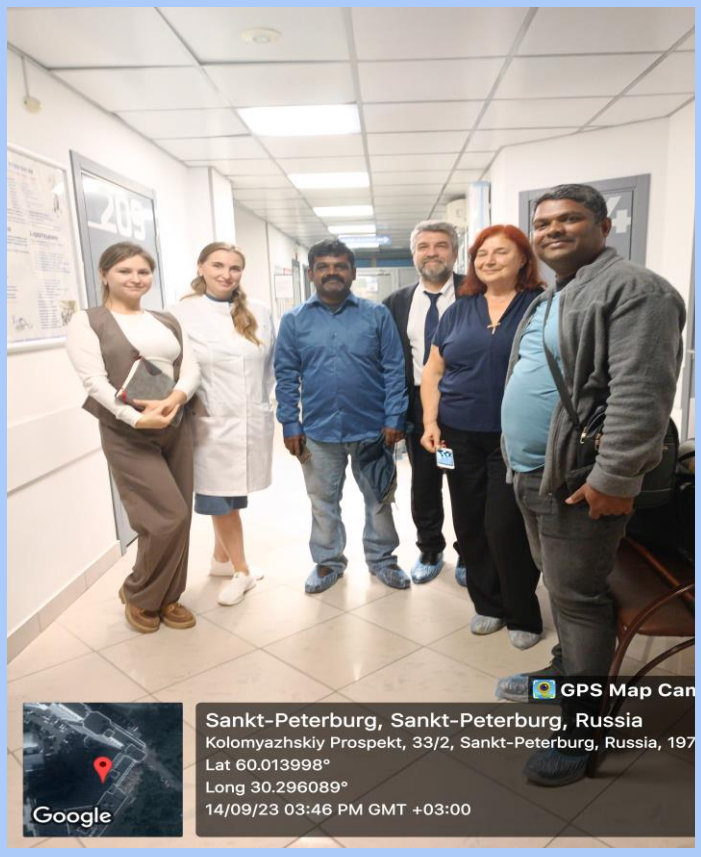
ALUMNI ACHIVEMENTS

Our proud ALUMNI 14BEE0036- SANDAL KOTAWALA received Innovative Award Cavinkare MMA Chinnikrishnan Innovation Awards are awarded for Innovations at IIT-M Research Park's auditorium on 16-09-2023.

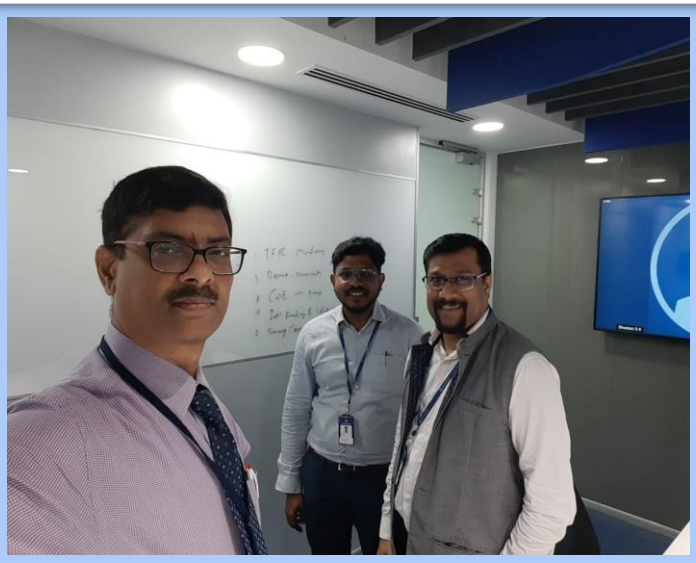
NATIONAL AND INTERNATIONAL VISIT

***Dr. N. Ruban and Dr. S. Prabhakar karthikeyan** visited ITMO University, Saint Petersburg Russia on 7th Sep 2023 and had an interactive session with researchers in the following Labs.*

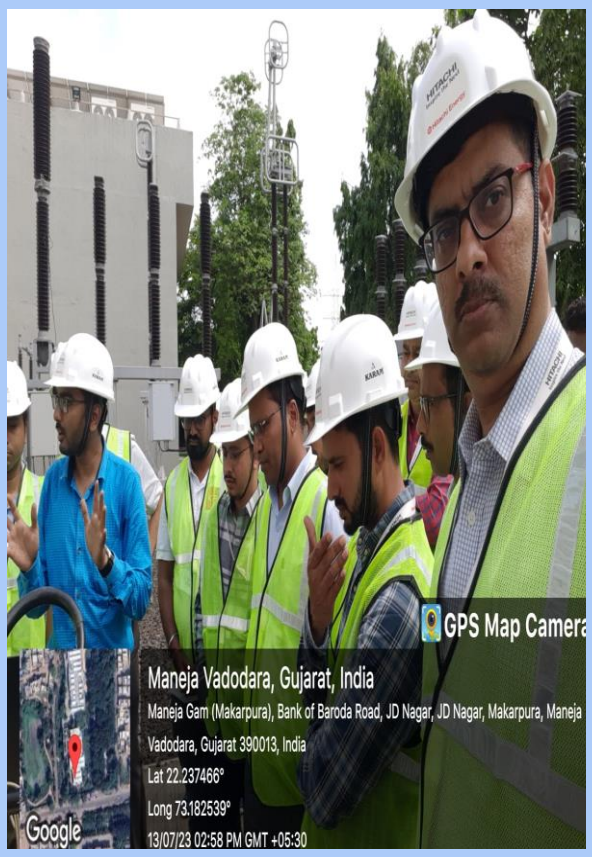
1. *Saint Petersburg State University*
2. *Child Speech research Lab, Vasilostrokaya*
3. *Computational para linguistic Lab and Multi model Speech interfaces Lab*
4. *V.A. Trapeznikov Institute of Control Science, Moscow*
5. *Child Health care Institute, Saint Petersburg, Russia*

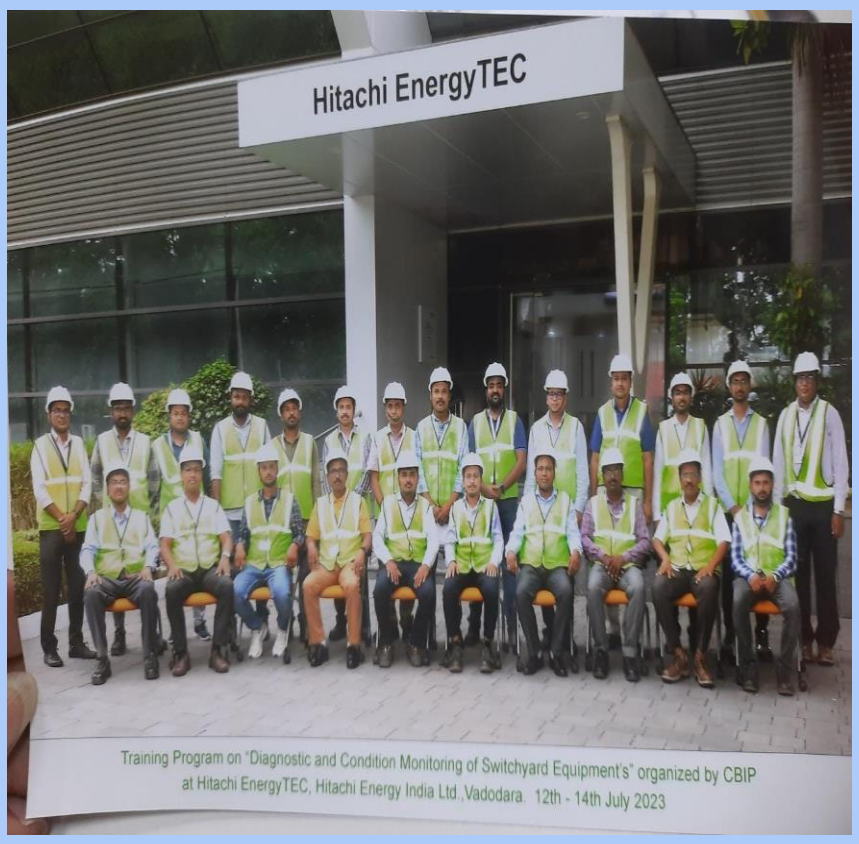


Dr M V Chilukuri Industry Collaboration Meeting with L&T, PT&D Solutions Chennai



Dr M V Chilukuri Attended CBIP Training on Diagnostics and Condition Monitoring of Switchyard Equipment, at HITACH, Vadodara. 12 - 14 Julv 2023





Dr M V Chilukuri participated in " PQ Study at Solar Photovoltaic Plants- Project Findings presentation" held at Central Electricity Authority, Sewa Bhawan, New Delhi, 4.9.2023.

POLICE DEPARTMENT

S.Rajesh Kannan, IPS.,
Superintendent of Police,
Vellore District.

Vellore District, Vellore.
Phone No: Off: 0416-2255999
Camp:0416-2232999
Date: .05.2023.

Dear Sir,

Sub : *Letter to recommend Recognition of Saravanan during STARs day 2023 – reg.*

*****

I am writing this email to express my sincere gratitude and appreciation for your support in carrying out the traffic violation and automatic challan generation project, which was headed by Dr. D Elangovan, Deputy Director of TIFAC CORE, M. Saravanan (20PHI0005), Research Scholar and S. Sanjay-(21BIT0286), B.Tech student.

During November, 2022 the team successfully demonstrated this pilot project to our DGP Dr. C. Sylendra Babu, IPS. The progress of the work is impressive, and we are looking forward to launch the project in Vellore District soon. Further, I would like to bring to your attention the contribution of Mr. M.Saravanan in crime pattern analysis and Traffic Violation for the Vellore district. This was successfully demonstrated to our ADGP (L&O), Mr. K. Shankar, IPS. Moreover, our ADGP sir has asked Saravanan to improve on the same so that it can be implemented all over Tamil Nadu.

Saravanan being a STAR scheme student of VIT university, The SP office would recommend to recognize his contribution during STARs Day 2023 at VIT University. We hope this award will be a true recognition for his efforts and will also be a huge motivation for him.

Thanking you,

Superintendent of Police, 18.05.23
Vellore District, Vellore.

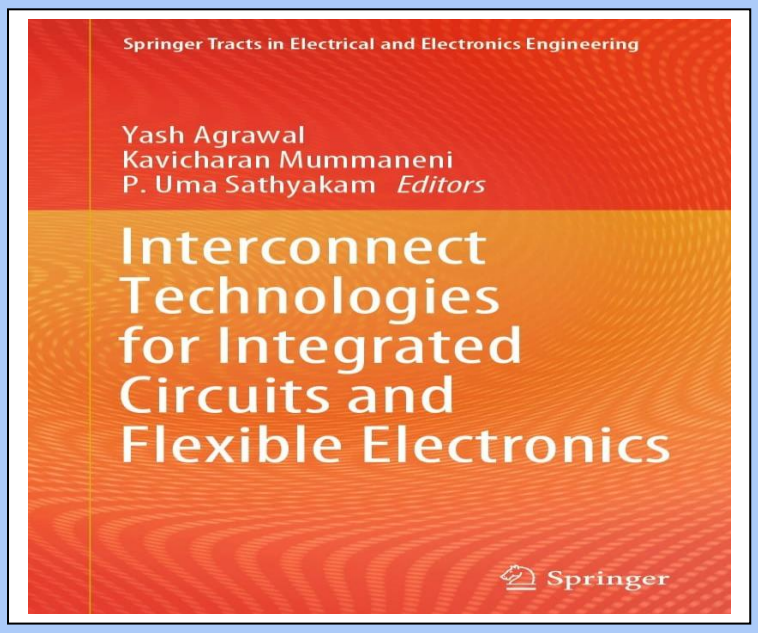
To

The Chancellor,
VIT University,
Katpadi, Vellore.

Letter of Appreciation

S.Rajesh Kannan, Superintendent of Police, Vellore District appreciated M.Saravanan – Research Scholar and S.Sanjay –B.Tech Student for their immense support in carrying out the traffic violation and automatic Challan generation Project headed by Dr.D.Elangovan, Deputy Director of TIFAC CORE.

BOOKS PUBLISHED



Dr.P.Uma Sathyakam served as editor for the book titled "Interconnect Technologies for Integrated circuits and Flexible Electronics"

SPONSORED PROJECT &CONSULTANCY

Title

Design and development of smart Inverter for PMSM based Air-compressor for EV

Cost

Rs. 16.62 Lakh,

Principal Investigator

Dr.Y.P.Obulesu

Co-investigators

Dr.R.Rajasingh

Dr.E.Porpatham

Funding agency

ZF Commercial Vehicles

TOP 10 HIGH IMPACT FACTOR PUBLICATIONS JULY 2023

Mathew D., Naidu R.C., A review on single-phase boost inverter technology for low power grid integrated solar PV applications, Ain Shams Engineering Journal, I.F. 6.0

- *Venkata satish R., Chittathuru D., Coyote Optimization Algorithm-Based Energy Management Strategy for Fuel Cell Hybrid Power Systems, Sustainability (Switzerland),* ***I.F. 3.9***
- *Ravi T., Kumar K.S., Detection and Classification of Power Quality Disturbances Using Stock Well Transform and Improved Grey Wolf Optimization-Based Kernel Extreme Learning Machine, IEEE Access,* ***I.F. 3.9***
- *Jena R., Dash R., Reddy K.J., Parida P.K., Dhanamjayulu C., Swain S.C., Muyeen S.M., Enhancing Efficiency of Grid- Connected Solar Photovoltaic System with Particle Swarm Optimization & Long Short-Term Memory Hybrid Technique, Sustainability (Switzerland),* ***I.F. 3.9***
- *Alluraiah N.C., Vijayapriya P., Optimization, Design, and Feasibility Analysis of a Grid-Integrated Hybrid AC/DC Microgrid System for Rural Electrification, IEEE Access,* ***I.F. 3.9***
- *Subashini M.M., Vignesh R.S., Thermoplastic waste segregation classification system using deep learning techniques, Multimedia Tools and Applications,* ***I.F. 3.6***
- *Das S., Paramane A., Mohan Rao U., Chatterjee S., Sathish Kumar K., Corrosive Dibenzyl Disulfide Concentration Prediction in Transformer Oil Using Deep Neural Network, IEEE Transactions on Dielectrics and Electrical Insulation,* ***I.F. 3.1***
- *Vinodh Kumar P., Pedda Obulesu Y., Cross-diffusion of the stagnation-point solar radiated micropolar liquid flow through a convected surface, Proceedings of the Institution of Mechanical Engineers, Part E: Journal of Process Mechanical Engineering,* ***I.F. 2.4***
- *Sudarshan B.S., Arunkumar G., SiC switch-based isolated DC-DC converter for simultaneous charging of Li-ion batteries of different voltage ratings for low- and medium-power electric vehicle battery charging application, International Journal of Circuit Theory and Applications,* ***I.F. 2.3***
- *Boopathi R., Indragandhi V., Solar photovoltaic-interfaced shunt active power filter implementation for power quality enhancement in grid-connected systems, International Journal of Circuit Theory and Applications,* ***I.F. 2.3***

Dr.Jayabarathi, T.

Professor, SELECT

HIGH IMPACT FACTOR PUBLICATIONS – AUGUST 2023

Dewangan C.L., Vijayan V., Shukla D., Chakrabarti S., Singh S.N., Sharma A.,Hossain M.A., An improved decentralized scheme for incentive-based demand response from residential customers, Energy Reports, I.F. 9.0

- *Alajingi R., R M., Novel classification of energy sources, with implications for carbon emissions, Energy Strategy Reviews,* ***I.F. 8.2***
- *Sarkar D.U., Prakash T., Recurrent neural network based design of fractional order power system stabilizer for effective damping of power oscillations in multimachine system, Engineering Applications of Artificial Intelligence,* ***I.F. 8.0***
- *Choudhury S., Varghese G.T., Mohanty S., Kolluru V.R., Bajaj M., Blazek V., Prokop L., Misak S., Energy management and power quality improvement of microgrid system through modified water wave optimization, Energy Reports,* ***I.F. 5.2***
- *Manikandan R., Selvaraj R., Singh R.R., Voltage Signature based Open Circuit Switch Fault Diagnosis Strategy for IM Drives with MPC, IEEE Transactions on Industry Applications,* ***I.F. 4.4***
- *Gopinath M., Marimuthu R., Comparative study of hydrogen production from seawater and groundwater using PV–TEG, Clean Technologies and Environmental Policy,* ***I.F. 4.3***
- *Swain D., Viswavandya M., Dash R., Reddy K.J., Chittathuru D., Gopal A., Khan B., Ravindra M., P2P Coordinated Control between SPV and STATCOM in a Microgrid for Power Quality Compensation Using LSTM–Genetic Algorithm, Sustainability (Switzerland),* ***I.F. 3.9***
- *Dutta N., Palanisamy K., Shanmugam P., Subramaniam U., Selvam S., Life Cycle Cost Analysis of Pumping System through Machine Learning and Hidden Markov Model, Processes,* ***I.F. 3.5***
- *Chakibanda V., Komanapalli V.L.N., Optimization in Magnetic Coupler Design for Inductively Coupled Wireless Charging of Electric Vehicle: A Review, Arabian Journal for Science and Engineering,* ***I.F. 2.9***
- *Upendra Raju K., Amutha Prabha N., Data hiding steganography model based on hyper chaos 2D compressive sensing inhabited with manchester encoder/decoder using circular queue exploiting direction modification, Journal of Intelligent and Fuzzy Systems,* ***I.F. 2.7***

Dr.Geethanjali.P

Professor, SELECT

HIGH IMPACT FACTOR PUBLICATIONS – SEPTEMBER 2023

Thirunavukkarasu M., Lala H., Sawle Y., Techno-economic-environmental analysis of off-grid hybrid energy systems using honey badger optimizer, Renewable Energy, I.F. 8.7

- *Basha A.A., Vivekanandan S., Mubarakali A., Alqahtani A.S., Enhanced mammogram classification with convolutional neural network: An improved algorithm for automated breast cancer detection, Measurement: Journal of the International Measurement Confederation,* ***I.F. 5.6***
- *Prajapati P., Balamurugan S., Leveraging GaN for DC-DC Power Modules for Efficient EVs: A Review, IEEE Access,* ***I.F. 3.9***
- *Mounica V., Obulesu Y.P., An energy management scheme for improving the fuel economy of a fuel cell/battery/supercapacitor-based hybrid electric vehicle using the coyote optimization algorithm (COA), Frontiers in Energy Research,* ***I.F. 3.4***
- *Singh R.R., Bhatti G., Kalel D., Vairavasundaram I., Alsaif F., Building a Digital Twin Powered Intelligent Predictive Maintenance System for Industrial AC Machines, Machines,* ***I.F. 2.6***
- *Chankaya M., Aijaz M., Hussain I., Ahmad A., Lone S.A., Advanced adaptive algorithm controlled single-phase DSTATCOM operation during weak grid conditions, International Journal of Circuit Theory and Applications,* ***I.F. 2.3***
- *B. R N., P G.., Bearing Fault Detection: Feature Selection Algorithm Efficacy Study, IETE Journal of Research,* ***I.F. 1.5***
- *Suresh V., Sudabattula S.K., Prabaharan N., Sitharthan R., Rajesh M..., An integrated approach for scheduling electric vehicles and distributed generators in a smart distribution system International Journal of Heavy Vehicle Systems,* ***I.F. 0.6***
- *Sivadasan J., Iruthayarajan M.W., Stonier A.A., Raymon A...., Design of Cross-Coupled Nonlinear PID Controller Using Single-Objective Evolutionary Algorithms, Mathematical Problems in Engineering.*
- *Selvaraj V., Vairavasundaram I.., Flyback converter employed non-dissipative cell equalization in electric vehicle lithium ion batteries, e-Prime - Advances in Electrical Engineering, Electronics and Energy.*

Dr.Rajasekara.N

Professor, SELECT

ADVISORY TEAM

Dr. Mathew Mithra Noel

Professor (HAG) and Dean

School of Electrical Engineering

Vellore Institute of Technology (VIT)

Vellore-632014, Tamil Nadu, India

Dr. N. Amutha Prabha

Professor & Associate Dean

School of Electrical Engineering

Vellore Institute of Technology (VIT)

TamilNadu, India

Dr. Sathish Kumar K
Prof and HOD, EEE &ECS

Dr. Rajini G. K
Prof and HOD, EIE

Dr. Ponnambalam P
Prof and HOD, EPE

Dr. Jaganatha Pandian B
Prof and HOD, C&A

EDITORS

Dr. V. Indragandhi
Professor,
SELECT

S. Vedhanayaki
Research scholar,
SELECT

Tummalapenta Sivaram
Research scholar,
SELECT

M. Tech and Ph.D. Admissions Open

M.Tech Course Offered by SELECT

- ***M.Tech Power Electronics and Drives***
- ***M. Tech Control and Automation***

Energy Conservation Week

01 Nov 2023 - 05 Nov 2023

Organized by

SCHOOL OF ELECTRICAL ENGINEERING

VELLORE INSTITUTE OF TECHNOLOGY, VELLORE

EVENTS ECW '2023

WORKSHOP | QUIZ | POEM | PAINTING | POSTERS | SLOW CYCLING | WORKING MODEL | ENERGY CONSERVATION IN RESEARCH | BLOGATHON | WALKATHON| Art & Craft | Essay Writing |

Register Here @ https://tinyurl.com/y4284r9n

தெரிந்த இனத்தோடு தேர்ந்து எண்ணி செய்வார்க்கு
அரும் பொருள் யாதொன்றும் இல் – திருவள்ளுவர்

If you build a team that you have handpicked by getting like minded people (in terms of attitude, not necessarily skill) and you set a clear vision on what needs to be done, and you have a well thought out plan for execution, then there is nothing that such a team cannot achieve- Thiruvalluvar