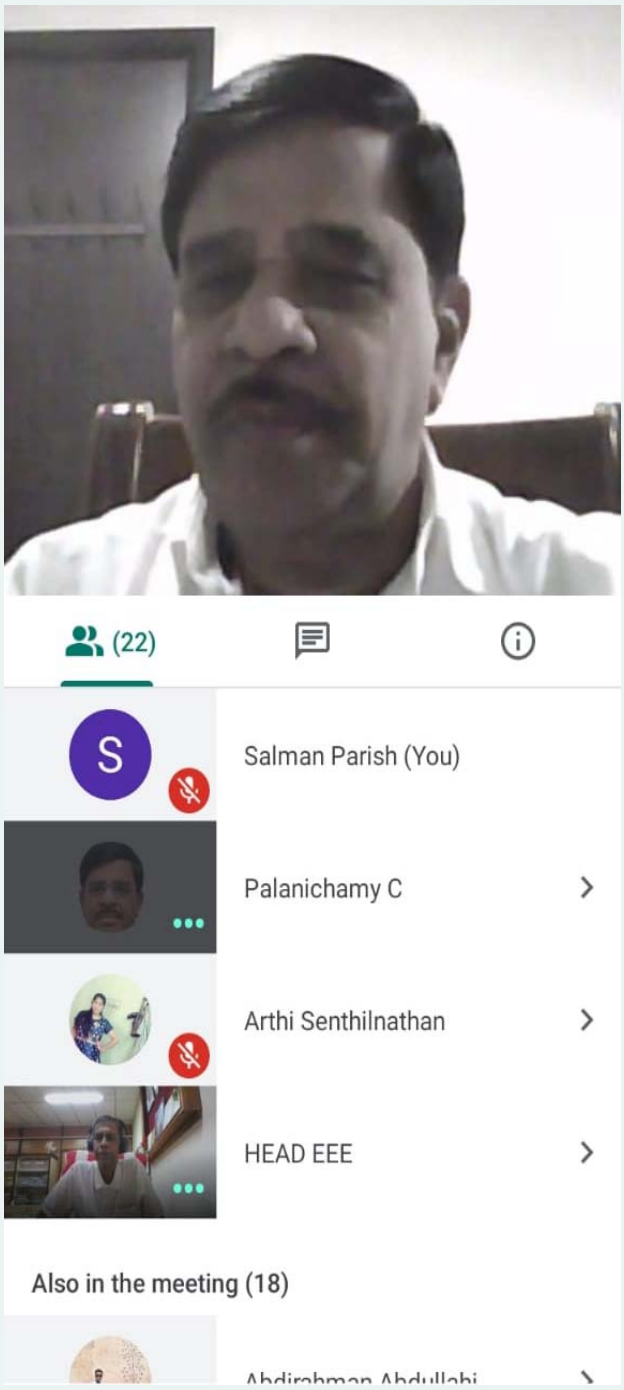
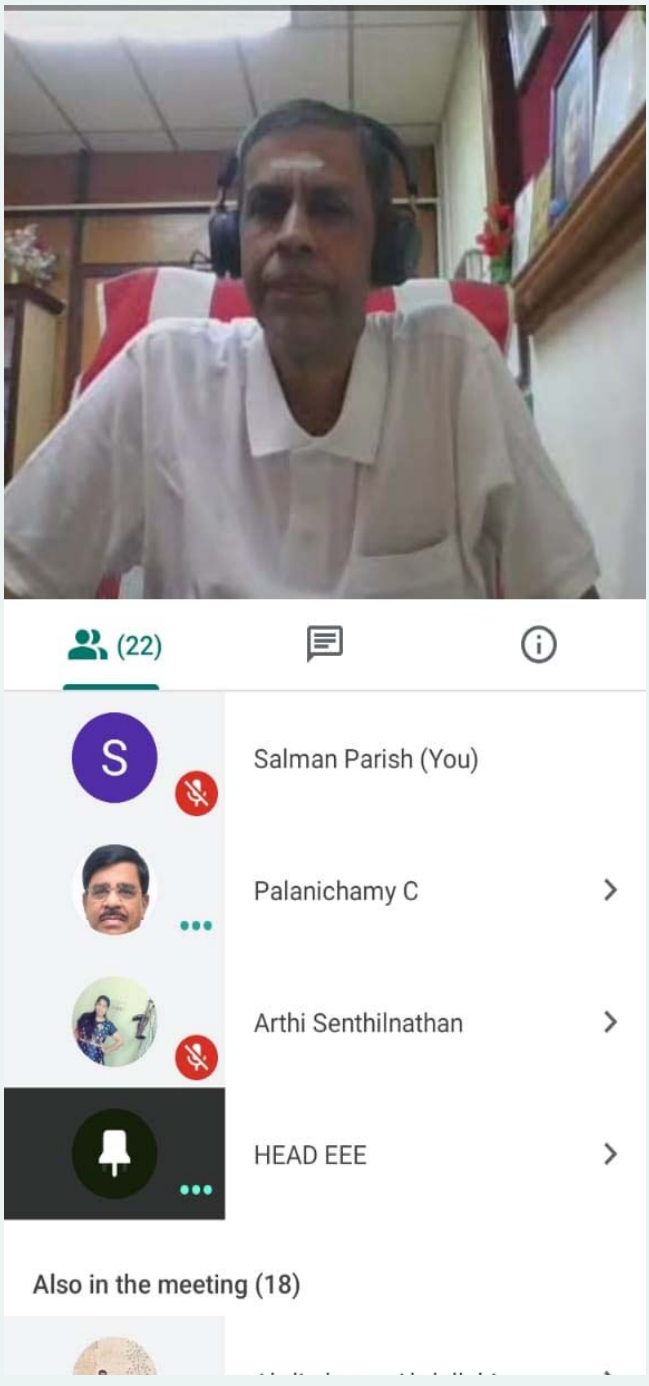
Annamalai University
Faculty of Engineering and Technology
Department of Electrical Engineering

Newsletter
2020-2021

EDITORIAL - IN - CHIEF

Final Year Students (2016-2020) Farewell

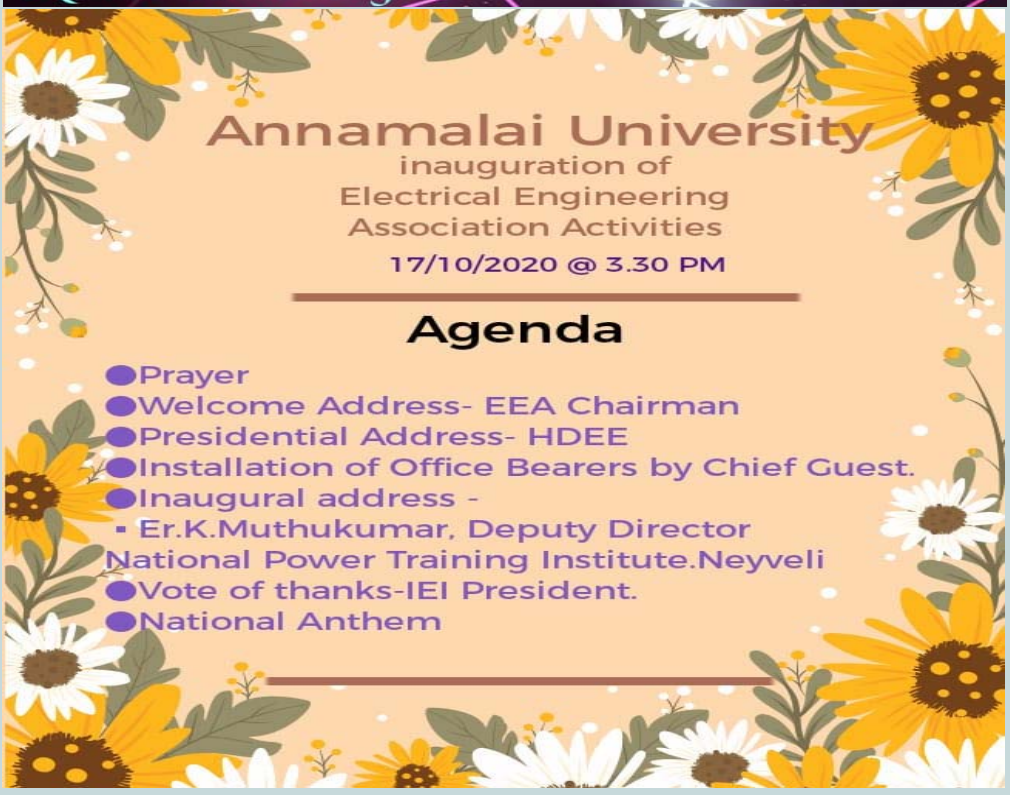




Department of Electrical Engineering organized a Virtual Farewell function for the passed out Final Year students (2016-2020). Prof. C.Palanichamy, Cyberjaya, Multimedia University, Malaysia was invited as Chief Guest and he motivated the students as to how to survive in Electrical Engineering field and explained the opportunities for Electrical engineers at International level.

INAUGURAL FUNCTION

EEA –IEI Student Chapter 2020-2021



Department of Electrical Engineering organized the Inaugural function of EEA—IEI Student chapter Activities on 17th October 2020. Chief guest Er. K. Muthukumar, Deputy Director, National Power Training Institute, Neyveli installed the newly elected office bearers and delivered the special address to the gathering. He motivated the students to involve in various technical activities so as to pursue knowledge in Electrical Engineering field both theoretically & practically.

International Workshop

International Workshop on (SGRES) "Smart Grid and Renewable Energy Systems" 11 - 12 Nov, 2020

ANNAMALAI UNIVERSITY

(Accredited with 'A' Grade by NAAC)

Celebrating the 90th Year Anniversary

International Workshop on SGRES

"Smart Grid and Renewable Energy Systems"

11 – 12 November, 2020

Co-ordinators

Dr. V. Padmathilagam

Dr. S. Sasikumar

Associate Professors

Department of Electrical Engineering

Faculty of Engineering and Technology

Annamalai University

Annamalainagar– 608 002, Tamilnadu, India.

Mobile : +91 94439 29800, 88258 62994, 9952654236

Email: vpt_au@yahoo.co.in, ssasikumar77@yahoo.co.in

Note: No Registration Fee Online Platform: Google Meet

Targeted Audience: UG Students, PG Students, Research Scholars and Faculties

Only 100 Participants are allowed (First come first served basis)

Registration Link:https://forms.gle/6VKL4Zcip9SSYCuT9

Last Date for Registration: 09/11/2020

For selected Participants, program link will be communicated to the registered mobile number and e-Certificate will be provided

International Workshop on "Smart Grid and Renewable Energy Systems (SGRES)"

ANNAMALAI UNIVERSITY

(Accredited with "A" Grade by NAAC)

FACULTY OF ENGINEERING AND TECHNOLOGY

DEPARTMENT OF ELECTRICAL ENGINEERING

Cordially invites you for the

INAUGURATION

of

Two-Day International Workshop on

"Smart Grid and Renewable Energy Systems (SGRES)"

on 11th November 2020 at 9.00 am

Dr.A.MURUGAPPAN

DEAN, Faculty of Engineering and Technology

Annamalai University

Presides over the function

CHIEF GUEST

Dr. SRINIVAS SRIDHARAN

Imaging Data Scientist, UIUC Research Park Site Leader

Corteva Agriscience, United States of America

Inaugurates the Workshop

Dr. V. Padmathilagam

Dr. S. Sasikumar

Prof.S.Subramanian

Annamalai University

Electrical Engineering

International Workshop on "Smart Grid and Renewable Energy Systems (SGRES)"

ANNAMALAI UNIVERSITY

(Accredited with "A" Grade by NAAC)

FACULTY OF ENGINEERING AND TECHNOLOGY

DEPARTMENT OF ELECTRICAL ENGINEERING

Cordially invites you for the

VALEDICTION

of

Two-Day International Workshop on

"Smart Grid and Renewable Energy Systems (SGRES)"

on 12th November 2020 at 4.00 pm

Dr. S. Subramanian

Professor and Head

Department of Electrical Engineering

Annamalai University

Welcomes the gathering

CHIEF GUEST

Dr. Mohammad Rakib Uddin

Associate Professor

Electrical and Electronic Engineering

Program Area, Faculty of Engineering

Director, Centre for Innovative Engineering (CIE)

Universiti Teknologi Brunei (UTB)

Brunei Darussalam

Delivers the Valedictory Address

Dr. V. Padmathilagam

Dr. S. Sasikumar

Co-ordinators

Annamalai University

Electrical Engineering

International Workshop

அண்ணாமலைப் பல்கலை.யில் சர்வதேச கருத்தரங்கம்

சிதம்பரம், நவ. 12: சிதம்பரம் அண்ணாமலைப் பல்கலைக்கழக பொறியியல் புல மின்னியல் துறை சார்பில், 'மரபு சாரா மின் உற்பத்தி நிலையங்கள்' என்ற தலைப்பில் 2 நாள் சர்வதேச கருத்தரங்கம் இணையவழியில் புதன்கிழமை தொடங்கி நடைபெற்றது.

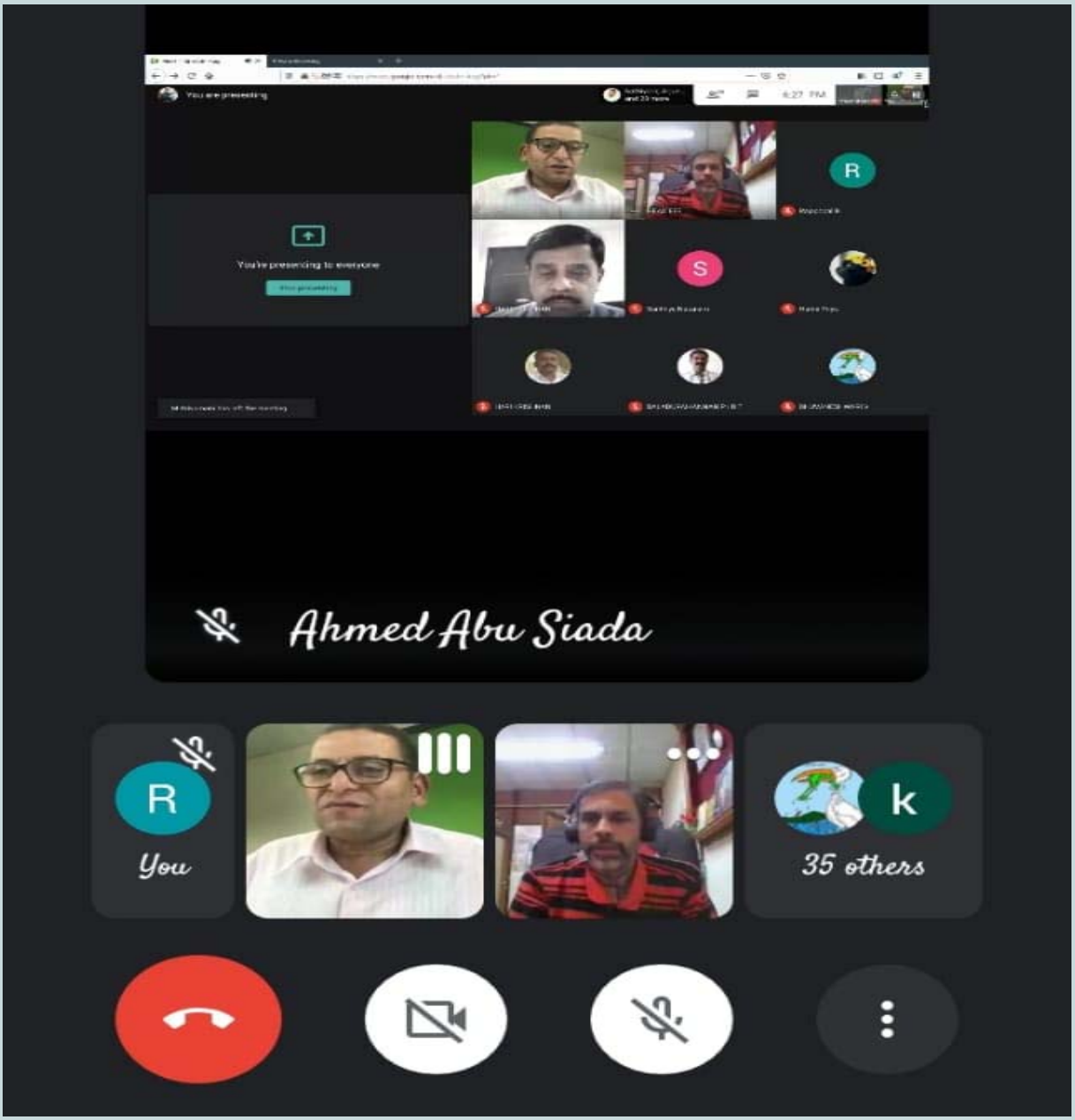
நிகழ்ச்சிக்கு, பொறியியல் புல முதல்வர் அ.முருகப்பன் தலைமை வகித்தார். மின்னியல் துறைத் தலைவர் சு.சுப்பிரமணியன் வரவேற்றார். இந்த நிகழ்வில் அமெரிக்காவிலிருந்து கற்பனைத் தரவு (கணினி பொறியியல்) ஆராய்ச்சியாளர் சீனிவாஸ் ஸ்ரீதரன் பங்கேற்று, மின் இணைத் தொகுதி மற்றும் மரபுசாரா மின் உற்பத்தி நிலையங்களின் பயன்பாடுகளை எடுத்துரைத்தார்.

தொடர்ந்து, மலேசியா பல்கலைக்கழக பேராசிரியர் பழனிச்சாமி, ஆஸ்திரேலியா பல்கலைக்கழக பேராசிரியர் அபுசய்டா ஆகியோர் நுண்ணறி மின்வலை குறித்து உரையாற்றினார். மதுரை தியாகராஜர் பொறியியல் கல்லூரிப் பேராசிரியர் கண்ணன், 'மின் வெட்டை தவிர்க்க சூரிய ஒளி அடிப்படையிலான நுண் கட்டம்' என்ற தலைப்பில் சொற்பொழிவாற்றியதுடன் மாணவர்களின் பல்வேறு சந்தேகங்களுக்கு விளக்கமளித்தார். பேராசிரியர் பாஸ்கரன் சூரிய ஒளி மூலம் இயங்கும் படகுகளை அறிமுகப்படுத்தி உரையாற்றினார்.

நிறைவு விழாவில் புருனை பல்கலைக்கழகப் பேராசிரியர் முகம்மது ரகிப் உடின் பங்கேற்று பேசினார். கருத்தரங்கில் பல்வேறு நாடுகளைச் சேர்ந்த ஆராய்ச்சியாளர்கள், பேராசிரியர்கள், மாணவர்கள் பங்கேற்றனர். நிகழ்ச்சிக்கான ஏற்பாடுகளை இணைப் பேராசிரியர்கள் பத்மதிலகம், சசிகுமார் ஆகியோர் செய்தனர்.

Newspaper Cuttings — The Dinamalar on 12.11.2020

International Workshop



Department of Electrical Engineering organized a Two-Day International Workshop on "Smart Grid and Renewable Energy Systems (SGRES)" on 11-12 November 2020.

Webinar

Department of Electrical Engineering organized a webinar on "Entrepreneurial skills" on 24.11.2020. Dr. R. Narayanan, Department of Business Administration, Annamalai University was the Resource person. Final Year Students participated in the Webinar.

Virtual Poem Competition

International Conference on Recent Trends in Energy System Engineering

International Conference on "Recent Trends in Energy System Engineering (RTESE 2021)"
9 & 10 January, 2021

ANNAMALAI UNIVERSITY
(Accredited with 'A' Grade by NAAC)
International Conference on
"Recent Trends in Energy System Engineering (RTESE 2021)"
9 & 10 January, 2021
Organized by
Department of Electrical Engineering
Faculty of Engineering and Technology

Coordinators
Dr. R. Neela
Dr. M. Anitha
Professors
Co-Coordinators
Dr. R. Kannan
Dr. R. Ashok Bakkiyaraj
Associate Professors
Department of Electrical Engineering
Faculty of Engineering and Technology
Annamalai University
Annamalai Nagar – 608 002, Tamilnadu.
Mobile: +919486580493, +919486283721
Email: rtese2021@gmail.com

Note: No Registration Fee
Online Platform: Google Meet
Targeted Audience: Faculties, Research Scholars and PG students.

Registration Link: https://forms.gle/4XPC1x61kBQQjDg86
Last date for submission: 02/01/2021
Date of intimation of acceptance: 05/01/2021

For selected Papers/Participants, program link will be communicated to the registered mobile number for online presentation and an e-Certificate will be provided

ABOUT THE UNIVERSITY

In the early 1920s, to serve the downtrodden and to promote Tamil Literature, Rajah Sir S. R. M. Annamalai Chettiar founded Sri Minakshi College, Sri Minakshi Tamil College and Sri Minakshi Sanskrit College in a rural setup at Chidambaram. In 1928, Rajah Sir S. R. M. Annamalai Chettiar agreed with the local Government to handover the above said institution for establishing a University. Thus, on 01.01.1929 Annamalai University was established as per Annamalai University Act 1928 (Tamil Nadu Act 1 of 1929).

Annamalai University Act 2013: The most significant development is the enactment of the Annamalai University Act, 2013 (Tamil Nadu Act 20 of 2013), which has come into force from September 25, 2013, after obtaining the assent of His Excellency, the President of India.

Accolades: Annamalai University, accredited with 'A' Grade by NAAC in 2014, is one of India's largest public residential universities with 10 Faculties and 49 Departments of study. Sprawling over 950 Acres of land, the University does yeoman service in taking education to the doorsteps of the people who are otherwise far from access to centers of higher learning. The University has initiated several innovative teaching programmes over the years and has been a pioneer in distance education. "The NIRF-2020" by the Ministry of Human Resource Development (MHRD) has ranked the University in the band 101 - 150 in the University Category. In the Pharmacy Category, the ranking is 12th in India. In the Medical Category, the ranking is 35th. "The Times Higher Education World University Ranking - 2020" has ranked Annamalai University in 1000+ for Overall category. In the Subject category Ranking, 2020, the University is ranked in the band of 501-600 for Life Sciences and 600+ for Pre-clinical, clinical & Health Subjects. 800+ in the Physical Sciences and Engineering subject. "The QS World University Ranking - 2020" has ranked Annamalai University in the band of 291 - 300 in Asia Ranking and 39 in India Ranking. "The SCImago Institutional Ranking" (2019) has ranked Annamalai University as 9th in Tamil Nadu and 29th among the top 212 ranked institutions for Higher Education in India. As far as the Global Exposure, Indian Science Ascending, a Springer Nature report, done in conjunction with Confederation of Indian Industries, has ranked the University as 11th among the top 20 Indian Institutions in International Collaborations.

Research & Partnership: Annamalai University has a commendable track record in projects and publications and has been awarded the PURSE Programme by the Department of Science and Technology. Ten departments are supported by UGC-SAP, Ten by DST-FIST and two departments have attained the status of Centre of Advanced

International Conference on "Recent Trends in Energy System Engineering (RTESE 2021)"
9 & 10 January, 2021

SUBMISSION GUIDELINES

Participants should send full paper of their original research work in the single column format not exceeding 8 pages in Microsoft Word through email to the coordinator. Selection will be done based on significance, originality, novelty and findings of the article. (rtese2021@gmail.com).

A FEW TOPICS OF RELEVANCE BUT NOT LIMITED TO

Smart grid
Renewable energy sources
Electric hybrid vehicle
Restructured power systems
FACTS
Internet of Things applications to Power systems
Energy management and Energy audit
Micro grid
Power Converters and Inverters

REGISTRATION FEE

No registration fee is to be paid. Soft copies of conference proceedings will be made available for participants.

Session	Date and Time	Plenary talk by	Title of the plenary talk	Session chair
I	09.01.2021, 9.30 am to 12.30 pm	Dr. Arul Daniel	Wind energy conversion systems	Dr. Arul Daniel / Dr. B. Baskaran
II	09.01.2021, 2.00 pm to 5.00 pm	Dr. I. Jacob Raglend	Smart grid integrated with renewable energy systems	Dr. I. Jacob Raglend / Dr. P. Aravindhababu
III	10.01.2021, 9.30 am to 12.30 pm	Dr. P. S. Kannan	Solar energy systems	Dr. P. S. Kannan / Dr. M. Ramasamy
IV	10.01.2021, 2.00 pm to 5.00 pm	Dr. C. Palanichamy	Smart Grid in power systems	Dr. C. Palanichamy / Dr. I. A. Chidambaram

ADVISORY COMMITTEE

Dr. C. Palanichamy	Professor, Chairman for Centre for Electric Energy and Automation, Curtin University, Malaysia
Dr. Ahamed Abu-Siada	Associate Professor, School of Electrical Engineering, Comp and Math Sci (EECMS) Faculty of Science and Technology, Australia
Dr. Mohammad Rakib Uddin	Associate Professor, EEE Programme Area, Faculty of Engineering, BRUNEI.
Dr. Stella Morris	Associate Professor, Department of Electrical & Electronics Engineering, University Tunku Abdul Rahman, Malaysia.
Dr. Lipo Wang	Associate Professor, School of Electrical and Electronic Engineering, Nanyang Technological University, Singapore.
Dr. Santolo Meo	Professor, Department of Electrical Engineering and Information Technology, Italy.
Dr. Sasidharan Sridharan	Imaging data Scientist, UIUC Research Park site Leader, USA

TECHNICAL COMMITTEE

Dr. B. Chandramohan	Professor, Department of Electrical and Electronics Engineering, Anna University, Chennai.
Dr. M. Saravanan	Professor, Department of Electrical and Electronics Engineering, Thiagarajar College of Engineering, Madurai.
Dr. S. Sivasubramani	Associate Professor, Department of Electrical Engineering Indian Institute of Technology, Patna.
Dr. G. Ravi	Professor & Head, Department of Electrical and Electronics Engineering, Pondicherry Engineering College, Pudhucherry.
Dr. M. Venkata Kirthiga	Professor, Department of Electrical and Electronics Engineering, National Institute of Technology, Trichy.
Dr. R. Rajeswari	Associate Professor, Department of Electrical and Electronics Engineering, Government College of Technology, Coimbatore.
Dr. I. Jacob Raglend	Professor & Head, Department of Electrical Engineering, School of Electrical Engineering, Vellore Institute of Technology (VIT), Vellore.
Dr. Sivakumar	Assistant Professor, Department of Electrical Engineering, National Institute of Technology (NIT) Warangal.
Dr. Sanjoy Kumar Parida	Associate Professor, Department of Electrical Engineering, IIT, Patna.
Dr. G. Bhuvaneswari	Professor, Department of Electrical Engineering, IIT, Delhi

Annamalai University

Department of Electrical Engineering

ONLINE INTERNSHIP TRAINING PROGRAM ON

"POWER PLANT TECHNOLOGIES"

Conducted by

Page 1 of 2

NATIONAL POWER TRAINING INSTITUTE
राष्ट्रीय विद्युत प्रशिक्षण प्रतिष्ठान
(A National Apex Body for Training in Power Sector)
Established vide The Gazette of India, July 3, 1993
An ISO 9001:2015 & ISO 14001:2015 Certified Organisation
(Ministry of Power, Govt. of India)
Southern Region, BLOCK-14 : NEYVELI-607 803
(04142) 269427: TeleFAX: 04142 – 269427
E-mail: contact@nptineyveli.in, training@nptineyveli.in Website: www.nptineyveli.in

NATIONAL POWER TRAINING INSTITUTE
(Ministry of Power, Govt. of India)
Southern Region, BLOCK-14: NEYVELI-607 803

INAGURAL FUNCTION

ONLINE INTERNSHIP TRAINING PROGRAM ON
"POWER PLANT TECHNOLOGIES"
01.06.2021 TO 14.06.2021 (30 Hours)
for
2nd and 3rdYear Students of EEE Department, Faculty of Engineering and Technology, Annamalai University
Date: 01st June, 2021

AGENDA

02:15 to 02:30 Hrs.	
Welcome Address and briefing about Course	K. Muthukumar Deputy Director NPTI (SR), Neyveli
Address & Wishes by NPTI Faculty members	S. Amirthavalli, Deputy Director S. Senthilkumar, Deputy Director R. Ramar, Assistant Director Dr. J. Raja, Assistant Director NPTI(SR), Neyveli
Address by Trainees	3rd Year Student 2nd Year Student
Key note address	Dr. S. Subramanian Professor & HoD EEE Department, FEAT Annamalai University
Inaugural Address	Dr. S. Selvam Director / Head of Institute, NPTI (SR), Neyveli
Vote of Thanks	Dr. S. Ganapathy, Professor, EEE Department, FEAT Annamalai University

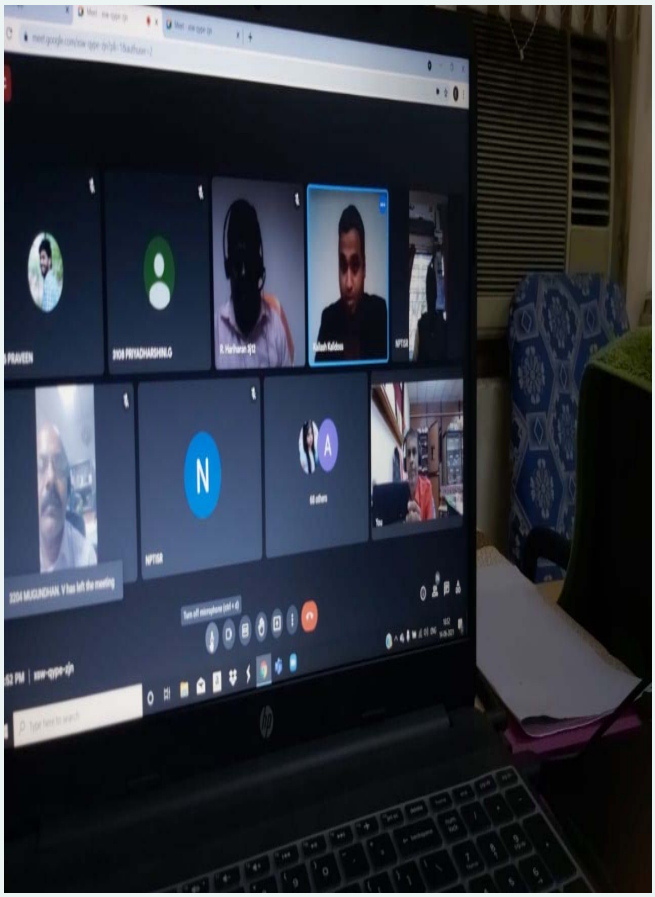
INAUGURAL FUNCTION
1ST JUNE, 2021

ONLINE INTERNSHIP TRAINING PROGRAM ON

"POWER PLANT TECHNOLOGIES"

VALEDICTORY FUNCTION
14TH JUNE,2021

NATIONAL POWER TRAINING INSTITUTE
राष्ट्रीय विद्युत प्रशिक्षण प्रतिष्ठान
(A National Apex Body for Training in Power Sector)
Established vide The Gazette of India, July 3, 1993
An ISO 9001:2015 & ISO 14001:2015 Certified Organisation
(Ministry of Power, Govt. of India)
Southern Region, BLOCK-14 : NEYVELI-607 803
(04142) 269427: TeleFAX: 04142 – 269427
E-mail: contact@nptineyveli.in, training@nptineyveli.in Website: www.nptineyveli.in



NATIONAL POWER TRAINING INSTITUTE
(Ministry of Power, Govt. of India)
Southern Region, BLOCK-14: NEYVELI-607 803

VALEDICTORYFUNCTION

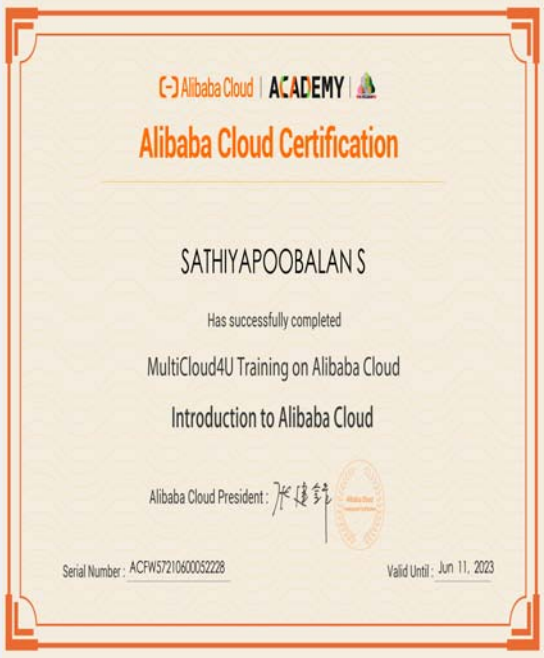
ONLINE INTERNSHIP TRAINING PROGRAM ON
"POWER PLANT TECHNOLOGIES"
01.06.2021 TO 14.06.2021 (30 Hours)
for
2nd and 3rdYear Students of EEE Department,
Faculty of Engineering and Technology,
Annamalai University, Chidambaram
Date: 14th June, 2021

AGENDA

04:30 PM to 05:00 PM IST	
Welcome Address	Shri.R.Ramar Assistant Director NPTI (SR), Neyveli
Feedback by Students	2nd Year Students 3rd Year Students
Address by NPTI Faculty members	Shri. S. Senthilkumar, Deputy Director Dr. J. Raja, Assistant Director NPTI(SR), Neyveli
Key note address	Dr. S. Subramanian Professor & HoD EEE Department, FEAT Annamalai University
Guest of Honour	Shri Kailash Kalidoss NASA Solar System Ambassador USA
Valedictory Address	Dr. S. Selvam Director / Head of Institute, NPTI (SR), Neyveli
Vote of Thanks	Dr. S. Ganapathy, Professor, EEE Department, FEAT Annamalai University

Faculty Academics

Students' Corner



Enthusiastic participation of EEE Students in various Webinar activities during the pandemic period to enhance the subject knowledge

Academic/Research Progress

1. No of Students Placed in Companies : 6

2. Syllabus Revision for B.E (EEE) Curriculum : 12/02/2021

3. Faculty Meet for BoS : 05/03/2021

4.No of Students attended Internship Program : 160

5.No of B.E Projects :16

6.No of M.E Theses: 6

7.No of PhD Dissertations Awarded : 15

8. No of Students PhD Methodology Completed: 130

9. Number of Students admitted in Research : 8

10.No of Research (Web of Science) Articles by Faculty : 25

11.No of Research Projects Sanctioned : 2

I. Taminadu Electricity Network Analysis with PMU Placements and IoT for Smart Grid Development TANSCHE 2021-2024 (40 Lacs)
PI– Dr. S.Subramanian Professor and Head , EEE
Co-PI Dr.G.Yamuna Prof and Head , ECE
Co-PI Dr.J.Sasikala, Associate Prof in IT

II. Conversion of Medical Hospital Waste Plastics in to Liquid Fuel by Catalytic Cracking Process TANSCHE 2021-2024 (31 Lacs)
PI– Dr.P.Premkumar Asst. Professor in Mech. Engg
Co-PI Dr.B.Baskaran, Professor in EEE
Co-PI Dr.M.Seeman, Asst. Professor in Manf. Engg
Co-PI Dr.P.Ravichandran Asst. Prof in Civil. Engg

Faculty Publications

No	Name of the Scholar	Title	Where Published
1	**V. P. Sakthivel** Hui Hwang Goh **Subramanian Srikrishna** P. D. Sathya Sharul Kamal Abdul Rahim	V. P. Sakthivel;Hui Hwang Goh;Subramanian Srikrishna;P. D. Sathya;Sharul Kamal Abdul Rahim, "Multi-Objective Squirrel Search Algorithm for Multi-Area Economic Environmental Dispatch With Multiple Fuels and Valve Point Effects.", IEEE Access, Volume 9, Number 1, Dec 2020, pp. 3988-4007. 10.1109/ACCESS.2020.3046257.	**IEEE** IEEE Access
2	Kaliyan Naveenkumar **Ramanujam Kannan** **Sivarajan Ganesan** **Srikrishna Subramanian**	Kaliyan Naveenkumar , Ramanujam Kannan , Sivarajan Ganesan , Srikrishna Subramanian, "Distribution system state estimation with stability assessment using bio-inspired computing .", IET Science, Measurement & Technology, Volume 14, Number 10, Dec 2020, pp. 1003-1013. 2020/ doi: 10.1049/iet-smt.2020.0049.	**IET** IET Science, Measurement & Technology
3	T.Ezhilan **J.Ravikumar** **B.Baskaran** **S.Subramanian**	T.Ezhilan, J.Ravikumar, B.Baskaran, S.Subramanian, "Identification of Single Loop Controllers for SEPIC Double-Lift Converter System" Vol.13, NO. 2,pp. 1353-1365, ISSN: 2005-4297 http://sersc.org/journals/index.php/IJCA/article/view/32914	**SERSC** Int. Journal of Control and Automation
4	**V.P.Sakthivel** M.Suman	Murugesan Suman, Vadugapalayam Ponnuvel Sakthivel, "Coulomb's and Franklin's Laws Based Optimization For Noncnovex Economic And Emission Dispatch Problems" Jun2020, Vol. 20 Issue 2, p225-238.	**Int. Energy Journal**
5	**V.P.Sakthivel** M.Suman P.D.Sathya	Murugesan Suman,Vadugapalayam Ponnuvel Sakthivel, Palanigounder Duraisamy Sathya ,"Squirrel Search Optimizer: Nature Inspired Metaheuristic Strategy For Solving Disparate Economic Dispatch Problems" ,International Journal of Intelligent Engineering and Systems, Vol.13, No.5, 2020 DOI: 10.22266/ijies2020.1031.11	**Inderscience** Int. Journal Of Intelligent Engg & Systems
6	**V.P.Sakthivel** M.Suman P.D.Sathya	V.P., S., M., S. and P.D., S. (2020), "Large-scale economic load dispatch using squirrel search algorithm", International Journal of Energy Sector Management, Vol. 14 No. 6, pp. 1351-1380. https://doi.org/10.1108/IJESM-02-2020-0012	**Emerald** Int. Journal Of Energy Sector Management
7	**V.P.Sakthivel** M.Suman P.D.Sathya	V.P. Sakthivel, M. Suman & P.D. Sathya (2020) Squirrel search algorithm for economic dispatch with valve-point effects and multiple fuels, Energy Sources, Part B: Economics, Planning, and Policy, 15:6, 351-382, DOI: 10.1080/15567249.2020.1803451	**Taylor & Francis** Energy Sources

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8	**V.P.Sakthivel** M.Suman P.D.Sathya	Sakthivel, V., Suman, M., Sathya, P., Nonconvex Economic Environmental Load Dispatch Using Fuzzy Based Squirrel Search Algorithm, (2020) International Journal on Energy Conversion (IRECON), 8 (2), pp. 61-70. doi:https://doi.org/10.15866/irecon.v8i2.18593	**Inderscience** Int. Journal On Energy Conversion
9	**V.P.Sakthivel** M.Suman P.D.Sathya	M. Suman, V.P. Sakthivel, P.D. Sathya. (2020). Coalesced Economic and Emission Dispatch of Tri-Fuel Generators in Energy Markets: Multi-Objective Heuristic Optimization Technique (MO-HOT). International Journal of Advanced Science and Technology, 29(3), 7773 - 7787. Retrieved from http://sersc.org/journals/index.php/IJAST/article/view/8249	**SERSC** Int. Journal Of Adv. Science And Technology
10	V.Partha Saradi **P.Kailasapathi**	V. Partha Saradi, P. Kailasapathi, Voice-based motion control of a robotic vehicle through visible light communication,Computers & Electrical Engineering,Volume 76,2019,Pages 154-167,ISSN 0045-7906, https://doi.org/10.1016/j.compeleceng.2019.03.011.	**Elsevier** Journal Of Computers And Elect. Engg.
11	R. Boopathi **R.Jayanthi**	Boopathi R., Jayanthi R. (2018) Power Converter Interfaces for Wind Energy Systems - A Review. In: Zelinka I., Senkerik R., Panda G., Lekshmi Kanthan P. (eds) Soft Computing Systems. ICSCS 2018. Communications in Computer and Information Science, vol 837. Springer, Singapore. https://doi.org/10.1007/978-981-13-1936-5_79	**SPRINGER** Int. Journal Of Dynamics And Control
12	R. Boopathi **R.Jayanthi** **M. Mohamed Thameem Ansari**	Boopathi, R., Jayanthi, R. & Ansari, M.M.T. Power quality improvement in wind energy conversion system using hybrid SVPWM inverter control technique for THD reduction. Int. J. Dynam. Control 8, 592–603 (2020). https://doi.org/10.1007/s40435-019-00556-3	**SPRINGER** Int. Journal Of Dynamics And Control
13	R. Boopathi **R.Jayanthi** **M. Mohamed Thameem Ansari**	Boopathi, R., Jayanthi, R. & Ansari, M.M.T. Optimization of power quality in wind energy conversion system using hybrid modulation. *Soft Computing* , 24, 7511–7522 (2020). https://doi.org/10.1007/s00500-019-04377-6	**SPRINGER** Soft Computing
14	R. Boopathi **R.Jayanthi** **M. Mohamed Thameem Ansari**	A Novel Hybrid Space Vector Based Modulation Technique for Power quality Improvement in a Wind Energy Conversion System. *International Journal of Powertrains*, 2020 Vol.9 No.3, pp.200 – 220 DOI: 10.1504/IJPT.2020.109667	**Inderscience** International Journal of Power Trains
15	R. Boopathi **R.Jayanthi** **M. Mohamed Thameem Ansari**	R. Boopathi, R. Jayanthi, M. Mohamed Thameem Ansari,Maximum Power Point Tracking based Hybrid Pulse Width Modulation for Harmonic Reduction in Wind *Energy Conversion Systems*. Volume 86,2020,106711, ISSN 0045-7906, https://doi.org/10.1016/j.compeleceng.2020.106711.	**Elsevier** Journal Of Computers And Elect. Engg.
16	B.Devi Vigneshwari **R.Neela**	Novel Classifier Design For Optimising The Accuracy For Identification Of Disturbance In Power System. *International Journal of Power Electronics*, 2020 Vol.12 No.2, pp.213 – 228, DOI: 10.1504/IJPELEC.2020.108844	**Inderscience** Int. Journal Of Power Electronics

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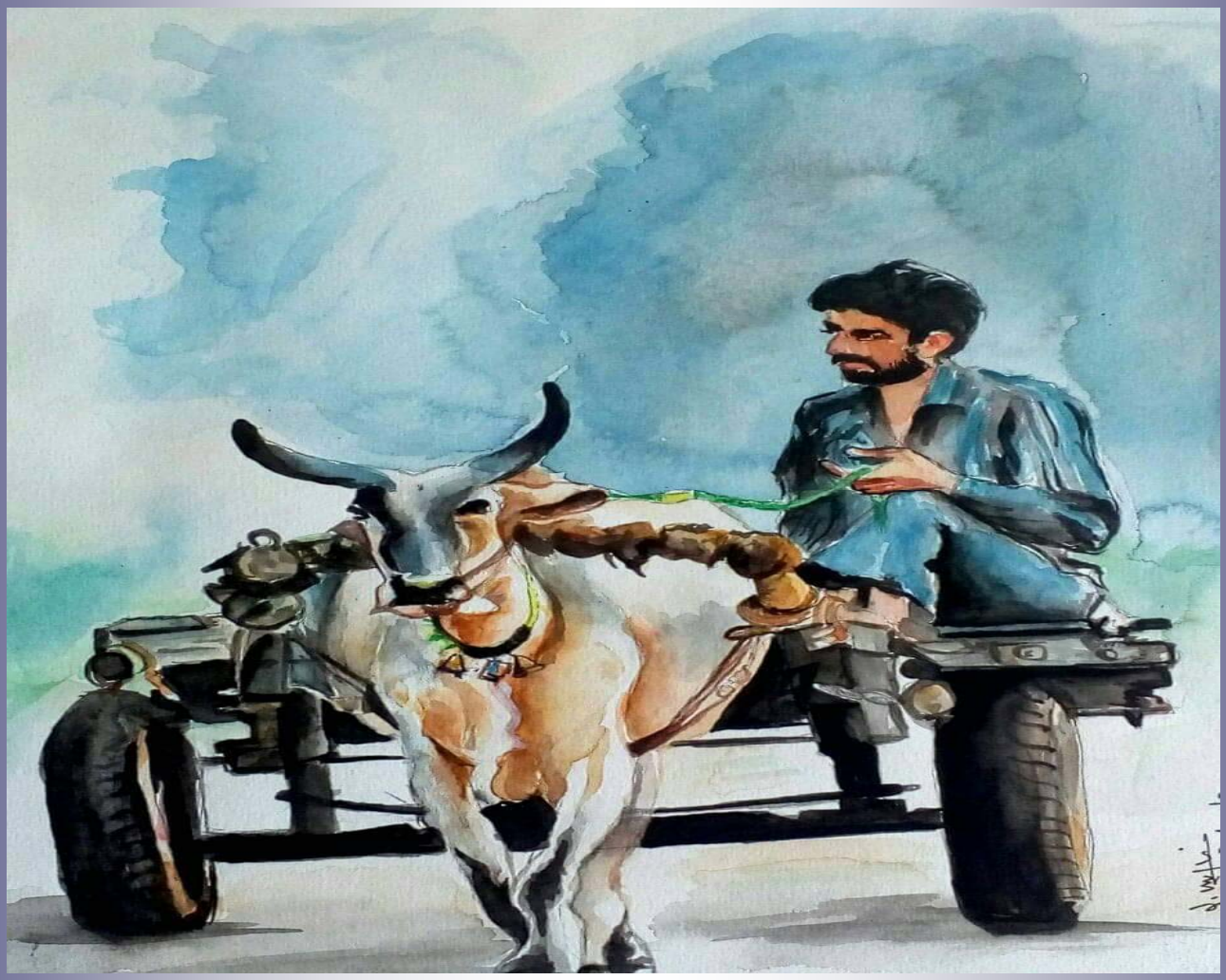
17	Sridevi .S **Ezilarasi.A** Suresh Padmanaban .T **Ramaswamy.M**	Sri Devi Ravanan, Ezhilarasi Arivukannu, Suresh Padmanabhan Thankappan & Ramaswamy Muthiah (2020) Harmonic performance analysis of a wind driven micro grid inverter, International Journal of Ambient Energy, DOI: 10.1080/01430750.2020.1839547	**Taylor & Francis** Int. Journal Of Ambient Energy
18	Arunprasad .G **Anitha .M**	Real-Time Implementation Of Chebyshev Neural Adaptive Controller For Boost Converter, https://doi.org/10.1002/2050-7038.12394	**WILEY** Journal Of Int.Trans on Energy System John Wiley
19	Arunprasad .G **Anitha .M**	Design And Analysis Of Novel Chebyshev Neural Adaptive Backstepping Controller For Boost Converter Fed PMDC Motor, vol 14 issue 5, ISSN : 1740-7524, https://doi.org/10.1504/IJAAC.2020.110069	**Inderscience** Int. Journal Of Automation And Control
20	Yogambari. V **Aravindhababu. P.**	Yogambari. V and Aravindhababu. P. (2021). Flower Pollination Based Optimal Placement of Distributed generation Units in Distribution Networks. International Journal of Energy Technology and Policy (SCOPUS) - Accepted for Publication.	**Inderscience** International Journal of Energy Technology and Policy
21	Yogambari. V **Aravindhababu. P.**	Yogambari. V and Aravindhababu. P. (2021). Soccer Game Optimization based Power Flow for Distribution Networks. COMPEL: The International Journal for Computation and Mathematics in Electrical and Electronic Engineering (WEB OF SCIENCE) - Accepted for Publication. DOI: 10.1108/COMPEL-10-2020-0349.	**Emerald** International Journal for Computation and Mathematics in Electrical and Electronic Engineering
22	Pandian, Arun Nambi **Aravindhababu. P.**	Pandian, A.N. and Palanivelu, A. (2021), "Metaheuristic optimization based placement of SVCs with multiple objectives", Journal of Engineering, Design and Technology, Vol. ahead-of-print No. ahead-of-print. https://doi.org/10.1108/JEDT-08-2020-0349	**Emerald** Journal of Engineering, Design and Technology
23	Pandian, Arun Nambi **Aravindhababu. P.**	"Multi-objective FACTS placement using improved harmony search optimization", *Journal of Intelligent & Fuzzy Systems*, vol. 39, no. 3, pp. 3839-3851, 2020. DOI: 10.3233/JIFS-192178	**IOS** Journal of Intelligent & Fuzzy Systems.
24	Srilakshmi, K **Aravindhababu. P.**	Koganti Srilakshmi, P. Ravi Babu, P. Aravindhababu, "An enhanced most valuable player algorithm based optimal power flow using Broyden's method" Volume 42, 2020,100801,ISSN 2213-1388, https://doi.org/10.1016/j.seta.2020.100801.	**Elsevier** Sustainable Energy Technologies and Assessments;

Technical Staff Corner



" Drawing is not what one sees but what one can make others see."

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