VMRF Salem and National Institute of Technical Teachers' Training and Research (NITTTR), Chennai

Vinayaka Mission's Research Foundation (Deemed to be University) VMRF (DU) in Salem, India, and National Institute of Technical Teachers' Training and Research (NITTTR), Chennai have signed Memorandum of Understanding (MoU) aimed at promoting Training, academic and education co-operation to support specific co- operation in the development and delivery of agreed Training, academic and research programs. The signing ceremony, held on 15th September 2022.

The MoU focuses on several key areas:

- Pedagogy, Curriculum Development, Question Paper Setting, Continuous Assessment Practices, Evaluation Methodology, Academic Audit, Accreditation, etc.

- Collaboratively train the faculty members (Offline / Online / Blended) across the country on the emerging / Thrust areas.

- Research Projects, Internships, Offering Pedagogy Courses, Joint Supervision of Masters Students, Joint Workshops and Seminars, Webinars, etc.

- Jointly collaborate with industries as a tripartite model of Public Private Partnership (PPP) in the areas of Skill Upgradation, working with industries, Critical/ Challenging problems to provide effective solutions to the industries through Consultancy/ Project works and utilize the service of Industries Subject Matter Experts on mutual benefits.

- Exchange of students and faculty; exchange of academic information, scholarly information, Materials and publications.

MOU ACTIVITIES

AARUPADAI VEEDU INSTITUTE OF TECHNOLOGY

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

Ref: AVIT/ EEE/PO/2023-2024/   Date: 05.04.2024

From

Head of the Department

Electrical and Electronics Engineering

Aarupadai Veedu Institute of Technology

Paiyanoor-603 104

To

The Principal,

Aarupadai Veedu Institute of Technology

Paiyanoor-603 104

Respected Sir,

Sub: Submission of Report on Event – Training from NITTTR - Reg.

Department of Electrical and Electronics Engineering, Aarupadai Institute of Technology organized a

Department of Electrical and Electronics Engineering, Aarupadai Institute of Technology organized a training on Artificial Intelligence for Renewable Energy Forecasting on 5th April 2024. The resource person for the event was Dr. G. Kulanthaivel, Professor at NITTTR. The report of the programme is herewith attached for your kind perusal.

Thanking you,

With regards,

Dr. L. Chitra

HOD/EEE

AARUPADAI VEEDU INSTITUTE OF TECHNOLOGY

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

Report on Training on Artificial Intelligence for Renewable Energy Forecasting

05/04/2024

Resource Person: Dr. G. Kulanthaivel, Professor, NITTTR.

- Seminar focus on "Artificial Intelligence for Renewable Energy Forecasting."
- Exploration of innovative applications of AI in predicting renewable energy generation.
- Introduction to cutting-edge AI algorithms including neural networks, support vector machines, and deep learning models.
- Tailoring AI models for forecasting solar, wind, and hydroelectric power generation.
- Hands-on exercises and case studies to provide practical insights into AI techniques.
- Importance of improving accuracy and reliability of renewable energy forecasts for efficient grid integration and energy management.
- Empowerment of attendees with skills and knowledge to leverage AI for renewable energy forecasting tasks.

Certificate Distribution

Participant List

S. No.	Name	Designation	Institution Name
1	Ms. Vanitha R	PhD Student	Anna University
2	Vanitha V	PhD Student	Anna University
3	Mr. Aravindan R	HOD	Don Bosco Polytechnic College
4	Mr. Henry Vino Vincent F	Lecturer	Don Bosco Polytechnic College
5	Mrs. S. Kalaivani	Assistant Professor	Don Bosco Polytechnic College
6	Mr. Vinod Kumar S	Senior Assistant Professor	New Horizon college of Engineering, Bengaluru
7	Dr.R.Mohan Das	Associate Professor	New Horizon College of Engineering, Bengaluru
8	Mr. E.Sivabharathi	UG Student	Paavai Engineering College, Namakkal
9	Ms. Monisha.J	UG Student	Paavai Engineering College, Namakkal
10	P.Naveena	UG Student	Paavai Engineering College, Namakkal
11	Ishwariya.T	UG Student	Paavai Engineering College, Namakkal
12	Mr. Sujith Lal S	PG Student	Sathyabama Institute of Science and Technology
13	Mr. Shrudhurag Krishna	PG Student	Sathyabama Institute of Science and Technology
14	Mr. Manikandan R	UG Student	Sathyabama Institute of Science and Technology
15	Mr. R. Aravindhan	UG Student	Sathyabama Institute of Science and Technology
16	Mr. R. Sham Ganesh	UG Student	Sathyabama Institute of Science and Technology
17	Mr. N. Ramanan	Assistant Professor	Sri Jayaram Institute of Engineering and Technology

18	Mrs. Antoni Gracy G	PhD Student	Vellore Institute of Technology - Chennai.
19	Mr. Harinarayanan J	PhD Student	Vellore Institute of Technology - Chennai.
20	Dr. P. Loganathan	Associate Professor	Vinayaka Mission's Kirupananda Variyar Engineering College
21	Dr. A.Balamurugan	Associate Professor	Vinayaka Mission's Kirupananda Variyar Engineering College
22	Mr. Vijay J	PhD Student	Vinayaka Missions Research Foundation, Salem
23	Mrs. P.Poornima	PhD Student	Vinayaka Missions Research Foundation, Salem
24	Mr. Rattan Kumar V	PhD Student	Vinayaka Missions Research Foundation, Salem
25	Ms. Jyoti	PhD Student	Vinayaka Missions Research Foundation, Salem
26	Mrs. Geethi Peethambaran	PhD Student	Vinayaka Missions Research Foundation, Salem
27	Mr. Rajat Kumar Dwibedi	PhD Student	Vinayaka Missions Research Foundation, Salem
28	Mr. K. Saravanan	PG Student	Aarupadai Veedu Institute of Technology
29	Dr. Kavitha Kumari.K. S	Assistant Professor	Aarupadai Veedu Institute of Technology
30	Dr. Shanmuga Sundar S	Assistant Professor	Aarupadai Veedu Institute of Technology
31	Mr. Sahil Kumar	UG Student	Aarupadai Veedu Institute of Technology
32	Mr. Thimmisetti Suresh	UG Student	Aarupadai Veedu Institute of Technology
33	Mr. Nn.Dinesh Reddy	UG Student	Aarupadai Veedu Institute of Technology
34	Mr. Joy Thomas T.V	UG Student	Aarupadai Veedu Institute of Technology
35	Dr. Ramya L N	Assistant Professor	Aarupadai Veedu Institute of Technology
36	Mr. Sujith V	UG Student	Aarupadai Veedu Institute of Technology

37	Mr. R Rajesh	UG Student	Aarupadai Veedu Institute of Technology
38	Mr. K. Saravanan	PG Student	Aarupadai Veedu Institute of Technology
39	Mr. Nishanth	PG Student	Aarupadai Veedu Institute of Technology
40	Dr. Prabhu V	Assistant Professor	Bharath Institute of Higher Education and Research
41	Dr.C.Ragupathi	Assistant Professor	P.T.Lee Chengalavarya Naicker College of Engineering and Technology
42	Dr.T.Yuvaraj	Associate Professor	Chennai Institute of Technology
43	Dr. Balamurugan P	Associate Professor	Loyola Institute of Technology
44	Mr. M Thirumalai	Assistant Professor	Saveetha Engineering College
45	Dr. Nageshwara Rao	Assistant Professor	Hindustan Institute of Technology and Science