

EDITORIAL



During April-June 2026, the Global Wind Energy Council (GWEC) reported that the global wind sector achieved record growth in 2025, with 165 GW of new wind power capacity added worldwide, increasing total installed

wind capacity to 1,299 GW. The growth was driven by strong deployment in key markets, particularly China and India. Global offshore wind capacity reached around 92.5 GW by the end of 2025, with continued expansion expected in 2026.

By June 2026, India had about 56 GW of installed wind power, making it the 4th largest wind energy market in the world. The Ministry of New and Renewable Energy (MNRE) said India added 6.05 GW of wind power in the year 2025-26. MNRE is also promoting wind-solar hybrid projects, offshore wind development, and improved grid integration to enhance renewable energy generation and support India's target of achieving 500 GW of non-fossil fuel-based capacity by 2030.

NIWE contributed to the IEA Wind TCP Annual Report 2025, highlighting India's wind energy progress, and completed a study on community engagement for offshore wind development in Tamil Nadu.

NIWE successfully completed geotechnical investigations at Sub-zone 1 in the Gulf of Mannar, Tamil Nadu coast, including borehole drilling, CPT studies, soil sampling and laboratory testing to support safe offshore wind structure design. NIWE also completed a two-year offshore LiDAR measurement campaign at VOC Port and Udangudi Thermal Coal Jetty for wind resource assessment. The ongoing long-term measurements and modelling activities will support offshore wind development by providing essential wind and seabed data for the Gulf of Mannar region.

LiDAR measurements at Kadamat Island, Lakshadweep completed one year, with further measurements ongoing. The Wind Resource

Assessment Division successfully completed eight WRA/EYA/data verification/micro-siting projects and carried out energy yield assessment for a 1 GW project. During the period, 179 wind turbine geotagging IDs were issued, along with elevation certification, mast registration and data services. NIWE also initiated Inter Laboratory Comparison, NABL accreditation process and proficiency testing to strengthen quality standards in WRA and EYA services.

Type certification, evaluation and updation works were carried out for various wind turbine models of manufacturers including Inox Wind, Pioneer Wincon and PowerWind. NIWE also completed periodic surveillance, manufacturing evaluations and component verification activities to support certification compliance. The ISO 9001:2015 Quality Management System audit was successfully completed, with continuation of certification recommended by DNV.

NIWE provided technical support for the Calibration Wind Tunnel Facility (CTF) Project at Mohasa-Babai, Madhya Pradesh. The Wind Turbine Testing Division successfully completed the ISO 9001:2015 quality audit, ensuring continued quality standards in testing services.

Documentation review was completed for six ALMM (Wind) and three ALMM (WTC) applications, with technical support provided to MNRE. Manufacturing facility inspections were conducted along with MNRE officials to verify compliance under ALMM (Wind) and ALMM (WTC) processes.

The Skill Development and Training Division of NIWE has successfully conducted two Customised training courses for the officials of Nordex Global Shared Services Pvt. Ltd. and for the students of PGDC in Renewable Energy and Grid Interface by NISE.

As this productive quarter ends, NIWE is proud to share its achievements and ongoing work to support India's shift to renewable energy through innovation, research, and technical expertise.

Dr. Rajesh Katyal, Director General



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Research and Development

NIWE Strengthens India's Wind Energy Future Through Global Collaboration, Offshore Readiness and Digital Innovation

During the quarter April–June 2026, the National Institute of Wind Energy (NIWE) continued to advance its role as India's apex technical institution for wind energy through a series of interconnected initiatives spanning international collaboration, offshore wind development and digital innovation. Collectively, these efforts reflect NIWE's growing contribution not only to supporting India's rapidly expanding wind energy sector but also to shaping the knowledge systems, stakeholder frameworks and digital infrastructure that will underpin the next generation of wind energy development.

A significant milestone during the period was the preparation and internal consultation of India's Country Chapter for the IEA Wind Technology Collaboration Programme (IEA Wind TCP) Annual Report 2025. As India's focal institution for participation in this prestigious international platform, NIWE coordinated the compilation of national achievements, policy developments, research initiatives and market trends for global dissemination. The report highlights India's emergence as one of the world's fastest-growing wind markets, with record annual installations and increasing momentum in both onshore and offshore wind development. Through its engagement with the IEA Wind TCP, NIWE continues to bring global best practices, research outcomes and international expertise into the Indian wind sector while simultaneously showcasing India's achievements to the international community.

Complementing this international engagement, NIWE also advanced an important initiative aimed at strengthening the social foundations of offshore wind development in India. Under the framework of the Memorandum of Agreement between NIWE and the University of Massachusetts Amherst, a comprehensive study titled "Global and Local Best Practices for Advancing Community Engagement in Offshore Wind Zones in Tamil Nadu" was completed with the support of Ocean Energy Pathway (OEP). As part of this effort, a webinar on "Advancing Community Engagement for Offshore Wind in Tamil Nadu: Global and Local Best Practices" was successfully conducted on 22 June 2026, bringing together government agencies, developers, research institutions, civil society organisations and other stakeholders. The webinar provided valuable insights into international best practices across the offshore wind project lifecycle, local realities of fishing communities in Tamil Nadu, and approaches for developing inclusive stakeholder-engagement frameworks. The discussions highlighted the importance of meaningful community participation in building stakeholder confidence, social acceptance and long-term sustainability of offshore wind projects. The study and the webinar together provide timely guidance as India moves towards large-scale offshore wind deployment, where community engagement is increasingly recognised worldwide as a critical determinant of project success.

In parallel, NIWE continued to pursue digital transformation of its research infrastructure through the development of a centralized Wind Turbine Data Collection and Dashboarding System at the Wind Turbine Research Station (WTRS), Kayathar. The initiative seeks to integrate operational data from multiple

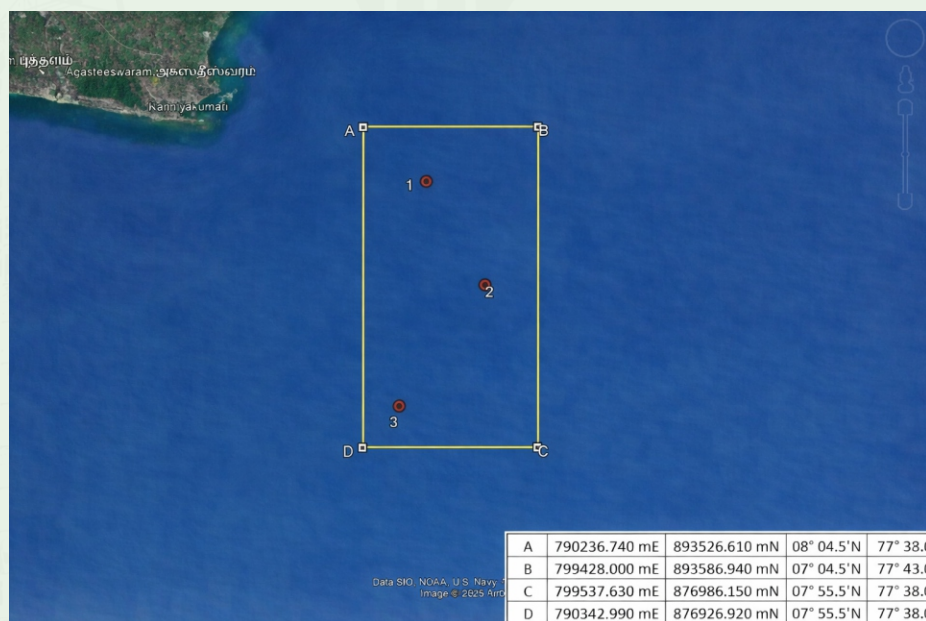
generations of wind turbines into a common analytics platform, enabling real-time monitoring, performance benchmarking and advanced research applications. The project represents an important step towards creating one of India's first open wind-farm operational datasets for use by researchers, academia and industry. By making high-quality operational data available for analysis, NIWE aims to support innovation in areas such as reliability engineering, predictive maintenance, digital twins, artificial intelligence and wind farm optimisation.

Taken together, these initiatives demonstrate a coherent vision for the future. International collaboration through the IEA Wind TCP helps bring global knowledge to India; community-engagement research strengthens the foundations for offshore wind deployment; and digitalisation of wind assets creates the data ecosystem necessary for future innovation. As India moves towards its ambitious renewable energy targets and prepares for large-scale offshore wind development, such initiatives position NIWE not merely as a technical institution, but as a strategic enabler of the country's energy transition. The outcomes of these efforts are expected to create lasting benefits for policymakers, researchers, industry stakeholders and local communities, while reinforcing India's position as a leading global wind energy nation.

Offshore Wind Development

Geotechnical Investigation at sub zone 1 Gulf of Mannar off Tamil Nadu coast:

NIWE has successfully completed the Geotechnical Investigation at three proposed locations in subzone 1 selected based on geophysical survey in the Gulf of Mannar, off the Tamil Nadu coast. The project includes drilling boreholes up to 60 meters along with CPT below the seabed, collecting soil samples, and performing laboratory tests such as grain size analysis, Atterberg limits, and strength and permeability assessments. Preparation of the Geotechnical Investigation Report is underway. This study is needed to provide essential data on seabed conditions, ensuring safe and effective design and construction of offshore structures.



Geotechnical borehole locations at Gulf of Mannar, Tamil Nadu



Lab Testing Work on Board



Geotechnical drilling

MET-OCEAN MEASUREMENTS (Wind Resource Mapping in Tamil Nadu coast line):

NIWE has deployed the Offshore Lidar at VOC port (4 to 5 km from the sea shore) and Udangudi Thermal Coal jetty (8 to 9 km from the sea shore) which, together with the measurements at sub-zone 1, will cover wind profile of the Tamil Nadu coast. The two years measurement campaign has been completed and longterm measurements for advance resource modelling is ongoing. The Offshore measurements campaign proposed at these locations along with Sub –zone 1 will cover wind profile of the Gulf of Mannar region, which is significant to develop the offshore wind in the country.

LiDAR Location

Location	LiDAR Serial number	Latitude/Longitude
VOC_Port_1	ZX300M-996	8° 44' 58.2"N/78°13'36.19"E
VOC_Port_2	ZX300M-997	8° 45' 19.58"N/78°13'16.24"E
UDANGUDI	ZX300M-998	8°23'35.763"N/78°8'0.686"E



LiDAR location: VOC Port



LiDAR location: Udangudi Thermal coal Jetty

Wind Resource Assessment

Data Collection and Analysis

Lakshadweep

- Division has installed Lidar at Kadamat Island.
- 1 year measurement has been completed.
- Measurement for 2nd windy season is under progress.

Dismantling of measurement from telecom tower in NE states:

- The Measurement system installed on Telecom towers have been dismantled from NE States.



NIWE team with Nagaland Telecom team

Data Analytics

Consultancy projects

- The WRA Division has successfully undertaken and completed Eight (8) Wind Resource Assessment (WRA)/Energy Yield Assessment (EYA)/data verification/micro-siting-related projects for various clients across India
- NIWE has carried out the EYA for 1GW project.

Geotagging

Geotagging is a process that involves capturing GPS coordinates of wind turbine locations and assigning a unique ID to each turbine. In the case of a wind farm site with multiple turbines, this process was implemented to accurately map the precise location of each turbine. During the period, 179 geotagging IDs have been issued.

Sl.No.	Name of the client	Site	No of WTG
1.	Nani Virani Wind Energy Private Limited	Gujarat	9
2.	AMPIN Energy Green Ten Pvt Ltd	Rajasthan	13
3.	ReNew Vyoman Power Private Limited	Andhra Pradesh	55
4.	AMPIN Energy Green Seventeen Pvt Ltd	Andhra Pradesh	16
5.	Juniper Green Stellar Private Limited	Rajasthan	12
6.	Juniper Green Stellar Private Limited	Gujarat	31
7.	Zenataris Renewable Energy Private Limited	Karnataka	10
8.	VEH Jayin Renewables Private Limited	Madhya Pradesh	33

Issuance of Elevation Certificate for MoD NoC Applications for Wind Power Projects

- The purpose of the project is to validate the elevation certificate and the inputs given by the surveyor and client. To do this, DGPS is used to conduct joint site visits. High-resolution terrain modeling and desktop GIS tools are used to validate the coordinates of all proposed wind turbine locations, and a report and certificate are provided.
- The project is undertaken for M/s. Adyant Wind Private Limited for Issuance of Elevation Certificate at Pratapgarh, Rajasthan for MOD NOC Application for Wind Power Projects.(12 locations).

Mast Registration

NIWE has registered Six(6) No of Mast installed by the private players in line with the MNRE Guidelines.

GWO Training

The Division staff have undergone GWO Training at Working at Heights, First Aid, and Manual Handling, and obtained the certificate inline with the GWO requirements.

Inter Laboratory Comparison (ILC)

NIWE has initiated the Interlab comparison an Energy Yield Assessment with 10 laboratories under the MNRE, Lab Policy.

New infrastructure created/being proposed by a unit.

The Division services are under accreditation process by NABL inline with ISO/IEC 17025.

Other Works

WRA Division has requested for Proficiency Testing in line with ISO/IEC 17043 for WRA & EYA scope.

Certification & Information Technology

CERTIFICATION

- An Agreement has been signed between NIWE and M/s. Inox Wind Limited for Evaluation (Stage-II) of documentation in connection with the inclusion of additional component suppliers and updation of the existing Type Certificate issued by NIWE for the wind turbine model of "INOX DF/3000/145 3.0 MW, Power Booster Mode 3.3 MW Rotor Blade Type SR71 V2 (T-Bolt) / WBSR146-3.0 Hub Height 100m/122.5m/140m IEC WT Class IIIB / Class S". The Evaluation process has been completed.
- An Agreement has been signed between NIWE and M/s. Inox Wind Limited for Certification (Stage-III) of 'Inox DF/3000/145 3.0 MW Power Booster Mode 3.3 MW Rotor Blade Type SR71 V2 (T-Bolt) / WBSR146-3.0 Hub Height 100m/122.5m/140m IEC WT Class IIIB/Class S' wind turbine model in connection with the inclusion of additional component suppliers and updation of the existing Type Certificate. The works are completed and the updated Type Certificate has been issued.
- An Agreement has already been signed between NIWE and M/s. Pioneer Wincon Energy Systems Private Limited for Evaluation (Stage-II) of documentation in connection with Type Certification of "Pioneer Wincon 750/57, 750.0 kW, PW 28.0, HH 90.0m, IEC III A" wind turbine model for the inclusion of 110m Hub Height tower design and the re-evaluation of existing 90m Hub Height tower design. The re-evaluation of existing 90m Hub Height tower design has been completed and evaluation for inclusion of 110m Hub Height tower design is ongoing.
- An Agreement has been signed between NIWE and M/s. Powerwind Limited for updation of existing Type certificate issued for the wind turbine model of "PowerWind 56" for inclusion of alternate supplier for the components namely Generator, Converter, Main Frame, Hub cast, Yaw brake and High speed Shaft rotor Brake. The Evaluation process is ongoing.
- An Agreement has been signed between NIWE and M/s. Pioneer Wincon Energy Systems Private Limited for Pre-evaluation (Stage-I) of documentation in connection with combining the type certificate of "Pioneer Wincon 750/57, 750.0 kW, PW28, HH 75.0 m, IEC IIIA" wind turbine model issued by TUVR and type certificate of "Pioneer Wincon 750/57, 750.0 kW, PW28, HH 90.0 m, IEC IIIA" wind turbine model issued by NIWE. The Pre-evaluation process is ongoing.
- NIWE successfully underwent the 1st periodic audit of its Quality Management System (QMS) as per ISO 9001:2015, conducted by DNV on 01.06.2026 at WTTS, Kayathar, and on 02.06.2026 at NIWE, Chennai. Based on the audit, DNV has recommended for continuation of certification as per ISO 9001:2015 for NIWE.

Periodic Surveillance :

- Carried out the Periodic Surveillance on the installed wind turbine of M/s. The RC Diocese of Kottar, Radhapuram, Tirunelveli, in connection with maintenance of the Type Certificate of "GWL 225" wind turbine model issued to M/s. Southern Wind Farms Limited (SWL).
- Carried out the Periodic Surveillance of the 'Siva 225/40' wind turbine model of M/s. Ultratech Cement Limited, Kavalkinaru, Tirunelveli in connection with the maintenance of the Type Certificate issued to M/s. Siva Windturbine India Private Limited.

Manufacturing Evaluation

- Blade Manufacturing facility of M/s. Pioneer Wincon Energy Systems Private Limited, located at Ranipet, and carried out the manufacturing evaluation of the Rotor Blade in connection with type certification of Pioneer Wincon 750/57, 750 kW, PW28.0, HH 110m, IEC III B wind turbine model.
- Hub and Nacelle Assembly facility of M/s. Pioneer Wincon Energy Systems Private Limited, located at Pondicherry, and carried out the manufacturing evaluation in connection with type certification of Pioneer Wincon 750/57, 750 kW, PW28.0, HH 110m, IEC III B wind turbine model.
- Generator Manufacturing facility of M/s. DOL Motors Private Limited., located at Navi, Mumbai, and carried out the manufacturing evaluation in connection with the inclusion of additional component suppliers and updation of the existing Type Certificate issued by NIWE for the wind turbine model "Powerwind56" for M/s. Powerwind Limited.
- Wind turbine tower facility of M/s. Madhav Udyog Private Limited located in Village Harbanspura GT

Road, Mandi Gobindgarh, Fatehgarh Sahib, Punjab, and carried out a manufacturing evaluation in connection with the type certification of the "Pioneer 750" wind turbine model for M/s. Pioneer Wincon Energy Systems Private Limited.

- M/s. TREBU facility located at Redhills, Chennai, and carried out the manufacturing facility verification of yaw brake and high speed shaft rotor brake for M/s. PowerWind Limited.

INFORMATION TECHNOLOGY

- Continued to maintain the IT infrastructure to keep servers, storage, systems, firewalls, switches, CCTV, endpoint security and technical software's up and running.
- Continued to provide IT support for users at NIWE and its stakeholders.
- Carrying out procurement of new hardware, software, and AMC services.
- Taking backups of NIWE data in DC and DR IT infrastructure.
- STQC GIGW certification for NIWE website is in progress.



Testing

Calibration Wind Tunnel Facility (CTF) Project

Madhya Pradesh Industrial Development Corporation Limited (MPIDC) has published a request for proposal (RFP) for “Design, Engineering, Supply, Erection, Installation, Testing and Commissioning of Calibration Wind Tunnel Facility at Mohasa-Babai Industrial Area, District Narmadapuram, Madhya Pradesh” on 18.03.2026. A pre-bid meeting was organized by MPIDC in which NIWE had participated through virtual mode on 02.04.2026, and provided the technical support to MPIDC.

A meeting chaired by the Additional Secretary (Thermal) was held on 22nd June 2026 to review the Scheme for Setting up of Manufacturing Zone for Power & Renewable Energy Equipment (Pilot Project) in which NIWE had participated through online mode. Further, Ministry of Power (MoP) vide letter dated 23rd June 2026 stated that the Competent Authority has approved the proposal for revision in cost from Rs. 30 Crore to Rs. 40 Crore for setting up Common Testing Facilities (CTF) of NIWE (Calibration of Wind Tunnel) under the scheme for setting up manufacturing zone for Power & Renewable Energy Equipment (Pilot Project).

The Division provides continuous support to MPIDC for the Calibration Wind Tunnel (CTF) Project.

Wind Turbine Testing - Quality Management System

Successfully undergone First periodic audit as per ISO 9001:2015 held on 01st June 2026 at WTTS, Kayathar and 02nd June 2026 at NIWE, Chennai conducted by M/s. DNV Business Assurance India Private Limited and M/s. DNV has recommended for continuation of certification.



First Periodic Audit conducted by M/s. DNV Business Assurance India Private Limited at WTTS, Kayathar on 01.06.2026

Continual improvement and maintenance of the Quality Management System for Testing services, as per ISO 9001:2015 and ISO/IEC 17025:2017 are in progress.

Renewable Energy Projects

The Division manages two grid-connected solar power projects, a 2 MWp ground-mounted plant at IIM Trichy and a 1 MW (AC) ground-mounted plant at Madurai Kamaraj University. Regular monitoring includes daily review of generation data and periodic site inspections of key components such as modules, inverters and transformers. Operation and Maintenance activities, including module cleaning and equipment testing, are carried out as per agreed O&M protocols. This proactive management ensures optimal performance, reliable operation and maximum clean energy generation, supporting the sustainability goals of the institutions.

NIWE team visited to conduct a Joint Inspection of 1 MW Solar Power Plant at Madurai Kamaraj University (MKU), Madurai on 29.04.2026 for monitoring the Operations and Maintenance (O&M) activities of the Plant.



Joint Inspection carried out MKU Madurai on 29.04.2026

Ms. Thara Ramesh, HoD & CPM, RO-Chennai along with Shri. Immanuvel Antony Doss from Rural Electrification Corporation (REC) had carried out inspection of 1 MW (AC) Ground mounted grid connected Solar PV Plant at Madurai Kamaraj University (MKU), Madurai held on 25.05.2026, and NIWE team provided technical support for the inspection.



Inspection carried out by M/s. Rural Electrification Corporation (REC) at MKU Madurai on 25.05.2026

Standards and Regulation

- The review of documentation was completed for Six ALMM (Wind) applications pertaining to various wind turbine models submitted by various wind turbine manufacturers. Further, technical support was provided to MNRE for the implementation of the Approved List of Manufacturers and Models for Wind Turbines ALMM (Wind) process.
- The review of documentation was completed for Three ALMM (WTC) applications pertaining to various wind turbine major components submitted by various wind turbine component manufacturers. Further, technical support was provided to MNRE for the implementation of the Approved List of Manufacturers and Models for ALMM (WTC) process.
- Based on the request, the two application forms for prototype wind turbine models viz., “S175-5.0MW – Tubular Steel tower with 120m HH of M/s. Suzlon Energy Limited (SEL) & INOX – 171/4.45 MW” of M/s. Inox Wind Limited in connection with installation of prototype wind turbine in India as per revised MNRE guidelines, were forwarded to the respective wind turbine manufacturers.
- The 17th meeting of the ETD 42 Wind Turbine Sectional Committee of BIS was organized by BIS on 03.06.2026 through video conference. The meeting was attended by the Director General, NIWE / Chairman, ETD 42, Director and Division Head, C&IT & Deputy Director (T) and Division Head (i/c), S&R. The status of Indian Standards and various standardization-related activities were discussed during the meeting.
- Technical support was provided to the Bureau of Indian Standards (BIS) on matters related to standardization.

Manufacturing Facility Inspection

- Deputy Director (T) & Division Head (i/c), S&R accompanied the MNRE official during the manufacturing facility inspections of M/s. Pioneer Wincon Energy Systems Private Limited and M/s. ZF Wind Power Coimbatore Private Limited for ALMM (WTC) at Ranipet (Vellore) and Coimbatore, respectively, from 18.04.2026 to 21.04.2026.
- Deputy Director (T) & Division Head (i/c), S&R accompanied the MNRE official during the manufacturing facility inspection of M/s. GE Renewable R&D India Private Limited for ALMM (Wind) at Pune during the period from 28.04.2026 to 30.04.2026.



Skill Development and Training

TRAININGS

NIWE conducted the following training course during the period to provide participants with a better understanding of wind energy systems and their applications. The course also covered updates on global and national wind energy developments, government policies, legal frameworks, and skill development in the wind energy sector.

Special Training Course for the officials of Nordex Global Shared Services Pvt. Ltd.

The Skill Development and Training Division of NIWE successfully conducted a two-day special training course on "Wind Energy Technology" for the officials of M/s. Nordex Global Shared Services Pvt. Ltd., held on May 7th and 8th, 2026.

The training course provided a comprehensive overview of wind energy, beginning with an introduction to wind technology and moving through resource assessment, wind farm design, installation, and commissioning. It also addressed the operation and maintenance of wind farms, alongside the testing and certification of wind turbines, in a highly focused manner.

By offering a solid foundation in the engineering principles behind wind technology and power generation, the course equipped participants with the technical know-how necessary to develop financially viable wind farm projects. Furthermore, it served as an invaluable platform for open dialogue and the exchange of experiences regarding emerging wind power technologies.

The course was formally inaugurated by Dr. P. Kanagavel, Director and Head of the SDT Division, NIWE. Forty officials attended the course, forming a diverse group of 24 male and 16 female participants.



Glimpse of Course Inauguration

Eight classroom sessions were scheduled during the course, which was handled by the Engineers / Scientists of NIWE.

Dr. P. Kanagavel, Director & Head, SDT, NIWE has distributed the Course Certificates to all the participants at the end of the course after collecting the feedback from the participants, which was well received.



Group photo of the Training Participants

Special Training Course for the students of PGDC in Renewable Energy and Grid Interface

The Skill Development and Training Division of NIWE had successfully conducted the special training course on "Wind Energy Technology" for the students of the PGDC in Renewable Energy and Grid Interface conducted by NISE in collaboration with NPTI. The course addressed all aspects of Wind Power starting from what is wind to wind resources assessment, project implementation and operations & maintenance aspects in a focused manner along with financial and policy aspects towards going for economically viable wind farm projects. Ten participants attended the course.

Before technical sessions started, Dr. P. Kanagavel, Director & Head, SDT Division, NIWE had welcomed the participants and inaugurated the training course.

Twenty two (22) classroom sessions were scheduled during the course, which was handled by 11 NIWE Engineers / Scientists.

RE facilities visit at NIWE

The participants visited the Renewable Energy facilities available in NIWE campus, such as, Water Pumping Windmill, Vertical & Horizontal Axis Small Wind Turbines, Wind-Solar Hybrid System, Wind Turbine Nacelle Assembly facility, Metrological Mast, Biogas Plant and SRRA Station.

Factory Visit

The participants visited the training facility of M/s. Vestas Wind Technology India Pvt. Ltd., at Ammapettai and



Participants at Vestas Wind Technology India Pvt. Ltd., Ammapettai

learned about wind turbine components, installation, and maintenance. They experienced a Virtual Reality (VR) simulator that showed the layout and working of a wind turbine in detail. The participants also observed a prototype wind turbine with all its major components. A clear and informative presentation helped them understand how wind turbines are assembled and operated.

Study Visits

The participants visited the CSIR-Structural Engineering Research Centre, Taramani and toured its advanced research facilities. They observed the Boundary Layer Wind Tunnel (BLWT), one of the largest wind tunnels in India, and learned about technological advancements and innovations in the wind energy sector. The visit also included the Advanced Seismic Testing and Research (ASTaR) laboratory, where participants gained knowledge of modern seismic testing, simulation techniques, and earthquake engineering concepts.



Glimpse of study visit to SERC-CSIR, Chennai

The participants were taken to the southern part of Tamil Nadu to visit the Wind Turbine Test Station at Kayathar, where they gained practical exposure to the testing processes of both small and large wind turbines. They also had the opportunity to climb a meteorological mast (Met Mast) and learn about its operation and significance in wind resource assessment. The participants also had a chance of visiting the wind farms in and around Kayathar.



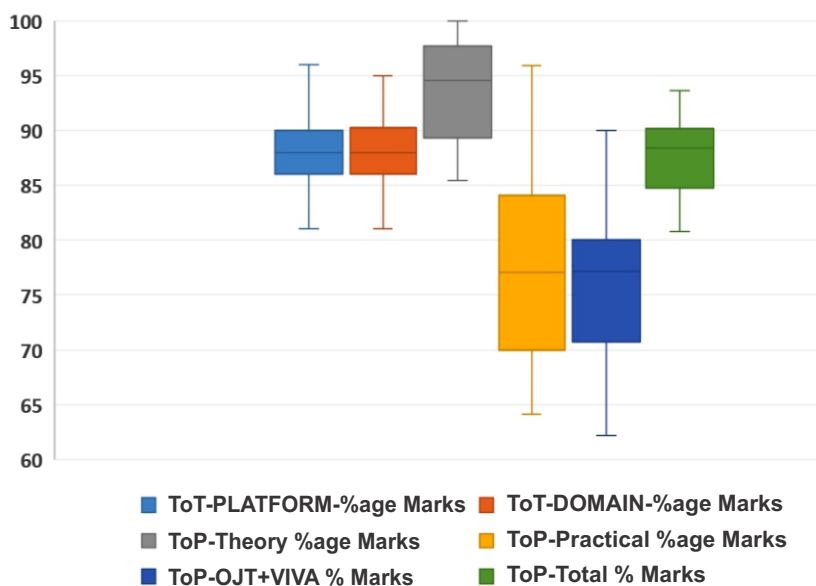
Participants climbing Met Mast at WTTS, Kayathar

The participants expressed their appreciation to NIWE for organizing the course, which provided valuable knowledge and insights into Wind Energy. Upon completion of the programme and field visits, they were awarded course certificates by the official of NIWE.

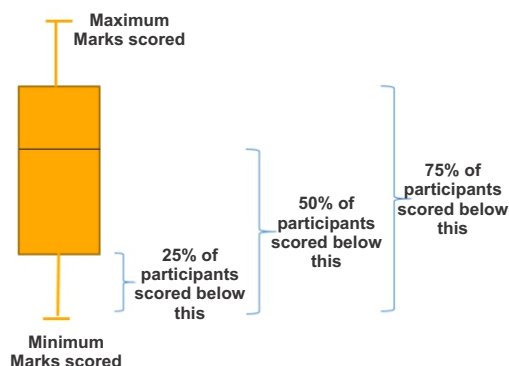
Vayumitra Skill Development Programme (VSDP) - Phase-II

The SDT Division is currently implementing the VSDP Phase-II Project with a new qualification pack - Wind Farm Engineer to promote skill development in Indian Wind Energy Sector. Training of Master Trainer batch was completed in October 2025 and 15 Master Trainers were certified. Thereafter ToT Batches commenced from November 2025 to March 2026 and 122 trainers have been trained by conducting 5 ToT batches. Further, 8 ToP batches have commenced through various training partners till 31st March 2026. Out of these, 4 batches have completed including On-the-Job training and assessment of trained ToPs have been carried out. The assessment

VSDP Phase-II : ToT and ToP Assessment Percentage Marks



How to interpret a Box Plot?



of remaining batches is in process and will be completed soon. After the completion of ToP program placement support is provided to certified candidates.

VSDP Phase II ToT Participants' Training Reviews



"The entire training was conducted in a highly professional and well-organized manner. All the master trainers were extremely knowledgeable and demonstrated excellent expertise in their respective areas. Their teaching approach was clear, practical, and engaging, which made the learning experience very effective and enjoyable. The sessions were well structured, and the trainers ensured that every participant understood the concepts thoroughly. The training materials, discussions and practical insights provided during the sessions were very valuable and certainly help us in our future training activities. Overall, the program was conducted exceptionally well, and I truly appreciate the efforts taken by the

NIWE team and master trainers. This training has motivated me and enhanced my confidence to conduct training program in a similar professional manner. Thank you to NIWE team for organizing such an excellent training program"**Mr Boobalan Gnanam, Manager Design(E&I), Flender Drives Pvt.Ltd., Tamil Nadu.**



"I learned about the electrical and aerodynamic aspects of turbines. During the training sessions, we also communicated and discussed real-time problems and challenges with others, which was a very good and valuable experience. It was a very good session, and I learned a lot about the on-site challenges of wind turbines. My suggestion would be to include an on-site visit to develop a wind turbine prototype and conduct live simulation tests as demonstrated to us. This would provide a better and more practical understanding for everyone."**Mr. Dhinesh Raj D E, Senior Engineer, Axis Energy India Pvt.Ltd., Telangana**



"The overall organization of the program was excellent and well structured. The content covered during the sessions was highly relevant and informative. Each topic was presented in a clear and engaging manner. The experts and resource persons were knowledgeable and experienced in their respective fields. They explained concepts effectively and addressed all queries patiently. The interactive sessions made the learning process more engaging and practical. The program also provided valuable insights that will be beneficial for my professional growth. The training materials and resources shared were very useful.

The coordination and management of the program were commendable. Overall the training program was highly enriching and productive. I am grateful for the opportunity to be part of such a well-conducted program"**Prof Prashant V. Baredar, Professor , MANIT Bhopal, Madhya Pradesh**

Internship Programme

The "NIWE-Academic Associate Programme" (NIWE-AAP) aims to encourage students and provide an opportunity to choose renewable energy as their career option. To create awareness and interest in the field of renewable energy research among the young talented Sciences, Management and Engineering students NIWE invites applications from the eligible candidates for the "NIWE-Academic Associate Programme" (NIWE-AAP).

The duration of the Internship is normally in the range of two weeks to six months. NIWE-AAP will provide opportunities for the graduate / post graduate students / Lecturers / Professors to work with scientists / engineers on NIWE's projects.

From April to June 2026, our internship program saw significant activity. Out of 76 applications received, 50 students successfully enrolled. Looking at outcomes, 7 students have received the Internship Certificate, with another 39 currently in the process of completing their internships.

Officials / Students Visit

To create awareness and to motivate towards research on wind energy, achieving the indigenization and also to create awareness about the activities and services of NIWE, schools and college students are encouraged to visit the campus.

During the period from April – June 2026, 44 officials and 33 students had visited NIWE. The officials had appreciated the presentation and stated that it was a truly enriching experience and also the talk was highlighting the importance of conserving energy in our daily lives.

S.No.	Name of Institution	No. of Students	No. of Staff	Visited on
1	National Institute of Technical Teachers Training & Research (NITTTR), Chennai	28	1	26.05.2026
2	National Institute of Technical Teachers Training & Research(NITTTR), Chennai	16	1	04.06.2026
3	Anna University (Guindy campus), Chennai	33	1	10.06.2026



Glimpse of RE facility visit at NIWE



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