

PANDIT MADAN MOHAN MALAVIYA TEACHING LEARNING CENTRE



For more details and Correspondence:

Prof. D.V.S.S. SIVA SARMA
Coordinator,
Teaching Learning Centre
Contact: 0870-2462685, 9849434415;
E-mail: tlc_coordinator@nitw.ac.in

TEACHING LEARNING CENTRE

National Institute of Technology Warangal,
1st Floor, New TLC Building, Behind Visitors Block,
National Institute of Technology Warangal, Telangana, 506004
e-mail: mtlc.nitw@nitw.ac.in or/and mtlc.nitw@gmail.com
Website: www.nitw.ac.in/tlc
Contact: 0870-2462686 (Office)



TEACHING LEARNING CENTRE

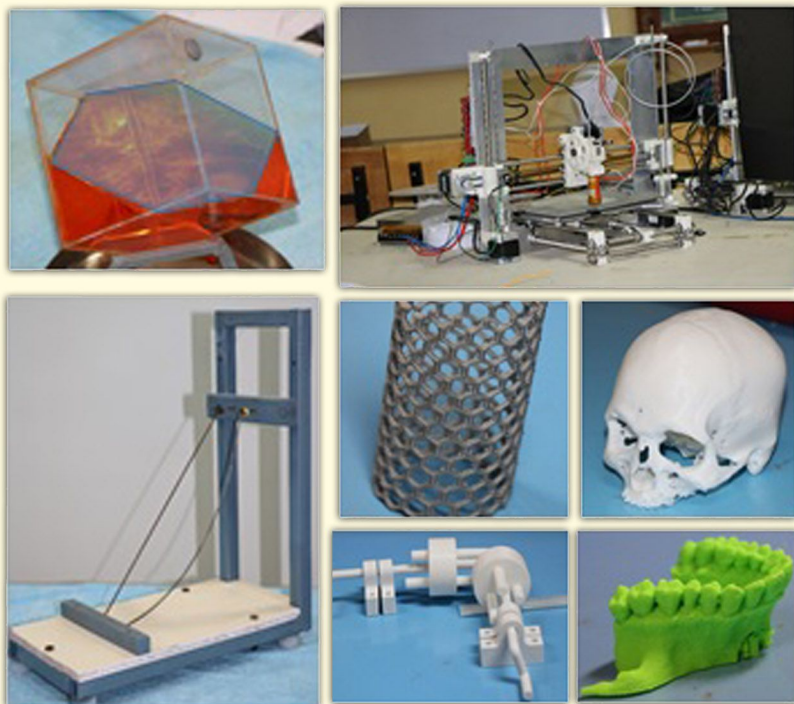
A Higher Education Teaching Learning Scheme Under
Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching
(PMMMNTT), MHRD, Government of India



PREAMBLE

The Teaching Learning Centre (TLC) has been established at NIT Warangal with grants from the MHRD, through its scheme, 'Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching' (PMMMNTT). Under this Scheme, a separate building has been built exclusively for the TLC activities, with the state-of-art training facilities that include a studio for production and uploading of video and e-lectures on various subjects of higher education, training halls to train the faculty in various theme areas of science & technology, humanities and social sciences, linguistics and communication skills, pedagogy and cognition evaluation, etc among others. This Centre has some cyber space learning platforms like MOODLE. Many senior and young faculty members across various departments of the Institute are associated with this Center as the Core-Team. One of the important objectives of the Center is to conduct training programs for aspiring, newly inducted and in-service faculty in Science, Engineering and Social Sciences disciplines in higher education. Other activities of the TLC include preparation of print and e-learning materials, offering on-line courses, curriculum design, carrying out research in educational technology and pedagogy and integrating with ICT into teaching-learning process. The TLC has special programmes of training for faculty hailing from underprivileged and marginalized sections of the society besides women faculty.

A FEW PRODUCTS AND PROTOTYPES



VISION

To be a Centre of Excellence for enhancing the quality of Teaching and Learning Processes associated with all areas of Higher Education.

MISSION

To promote the scholarship of teaching and learning paradigms among the faculty of technical and science education in Institutes of Higher Learning
To facilitate research and training towards development of new instructional and assessment methods and tools in various subjects of higher learning
To disseminate the best practices in the profession of teaching and learning.
To develop open and free-access educational and learning resources

ACTIVITIES

1. Faculty Development Programmes and Workshops.
2. Empowering young and newly inducted faculty with the modern tools of teaching and effective classroom.
3. Curriculum Design of new interdisciplinary and multi-disciplinary courses (Both theory and lab).
4. Development of teaching and learning materials for newly developed courses.
5. Development of Open Educational Resources via; Videos, e-learning materials and maintenance of cyber platforms for open access.
6. Conducting Online courses through MOODLE.
7. Dissemination of best academic practices through TLC e-News Letter and web-hosting.
8. Action Research on Pedagogy, Integrating ICT in Teaching and Learning.



FACULTY DEVELOPMENT PROGRAMMES (FDP) IN OTHER INSTITUTIONS

To enable wider access and ease of operation, the TLC has been holding Faculty Development Programmes (FDPs) and Workshops on the campuses of other institutes, as well, on mutual convenience and collaboration. The institutions, interested in hosting the FDPs, may contact the Coordinator, Teaching Learning Centre, for further details and modalities of organisation.

RESOURCE PERSONS FOR FACULTY DEVELOPMENT PROGRAMMES

Guest faculty from IITs, I.I.Sc, NITTTRs, NITs, Central Universities, NIT Warangal, etc., will deliver lectures, conduct workshop sessions, laboratory sessions and teaching practice sessions.

FACULTY DEVELOPMENT PROGRAMMES (FDP) ORGANIZED AT NIT WARANGAL (As on 31st July., 2021)

Number of FDPs Organized - 87
Number of Participants - 4827
Number of Training Days - 504

INDUCTION TRAINING PROGRAMMES (ITPs) ORGANIZED AT NIT WARANGAL (As on 31st July., 2021)

Number of ITPs Organized - 3
Number of Participants - 128
Number of Training Days - 90



OBJECTIVES:

- To develop discipline-specific learner-centred curricula, pedagogy and evaluation methods and disseminate them to teachers of undergraduate and post-graduate institutions
- To sensitise reforms in curricula of higher education that facilitate generation of updated knowledge in inter-disciplinary and applied areas in tune with global trends
- To conduct short term, medium term and long term training programmes for newly inducted and in-service teachers of all subjects of higher learning, in general and subjects of science and technology, in particular, to make them more effective and responsive to the learners' needs
- To develop learner-centred textbooks, handbooks, e-learning materials etc and make the TLC as one of the National Level Repositories of Teaching Learning Resources
- To carry out research on pedagogical and evaluation methods in higher education and suggest interventions to improve the academic standards of higher education institutions for better global ranking
- To develop pedagogical practices that integrate with ICT programmes

DEVELOPMENT OF TEACHING LEARNING MATERIALS (DTLMs)

A total number of 14 e-Lab Manuals, Online Courses, Teaching Aids, Video Lectures, Translation of Reference Books are under process.

DTLMs AVAILABLE AT TLC

1. "Compiler Design" e-laboratory manual in multimedia form
2. Development of a Set of Simulation Experiments for use as a Teaching aid in Computer-Aided Design Course (CAD)

