

## Teaching Learning Centre at NIT Warangal

### Annual Report for the Period 1<sup>st</sup> April 2016- 31<sup>st</sup> March 2017

The Teaching Learning Centre (TLC) at NIT Warangal was established in November 2015 with grants from MHRD, Govt. of India under the scheme of “Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching (PMMMNTT)” at an outlay of Rs.9.63 Crores when a team of faculty of members of NIT Warangal with Prof. I. Ajit Kumar Reddy as the Coordinator, has submitted the Proposal against the call from the MHRD. Presently, w.e.f. 1<sup>st</sup> July, 2017, Prof. A. Ramachandraiah, the senior member of the Team is Coordinator after Prof. Ajit Kumar Reddy retired on 30<sup>th</sup> June, on superannuation.

Under this scheme, a separate building for TLC is coming up with the state of the art studio for video- recording of lectures, facilities for offering courses on-line and training of faculty. The objectives of TLC are (i) developing and disseminating learner centered curricula, pedagogy and evaluation methods (ii) facilitating reforms in curricula of higher education in tune with Global trends (iii) conducting training programmes for faculty in learner-centred teaching methods (iv) developing e-learning resources and ICT-Tools (v) promoting research in pedagogy and evaluation methods in higher education.

During the year 2016-17, with Prof. I. Ajit Kumar Reddy, as the Coordinator, the TLC has organized a series of faculty development programmes (FDP) on new pedagogical practices, use of technology in education, communication skills, innovative methods of teaching and learning some specific courses in engineering and sciences. As many as 623 faculty members, drawn from different parts of the country, were trained through 12 FDPs in the above mentioned areas. Details of various FDPs conducted by the TLC are given in the Table below. The web link, [www.nitw.ac.in/tlc](http://www.nitw.ac.in/tlc) has further information.

Coordinator: Prof. I. Ajit Kumar Reddy (till 30<sup>th</sup> June, 2017)

Present Coordinator: Prof. A. Ramachandraiah (from 1<sup>st</sup> July, 2017)

S. No	Title of the Workshop / Faculty Development Programme	Programme Dates	Coordinators	TLC/ Associated Dept.	Number of Participants
1	Pedagogical Skills for Teacher Aspirants in Science and Engineering Education (Batch 1)	20-10-2016 to 25-10-2016	Prof. IAK Reddy Prof. BV Appa Rao	TLC	46
2	Instructional Design and Delivery Methods (Phase I)	12-11-2016 to 14-11-2016	Prof. IAK Reddy Prof. L Krishnanand Prof. BV Appa Rao	TLC	45
3	Pedagogical Skills for Teacher Aspirants in Science and Engineering Education (Batch 2)	13-11-2016 to 18-11-2016	Prof. IAK Reddy Prof. BV Appa Rao	TLC	37
4	Technologies for Development and Delivery of Instructional Materials for e-Learning	08-12-2016 to 10-12-2016	Prof. IAK Reddy Dr. K Madhavi	TLC	70
5	Process Oriented Guided Inquiry Learning	12-12-2016 to 12-12-2016	Prof. IAK Reddy	TLC	41
6	Instructional Design and Delivery Methods (Phase II)	22-12-2016 to 24-12-2016	Prof. IAK Reddy Prof. L Krishnanand Prof. BV Appa Rao	TLC	35
7	Communication Skills for Effective Teaching in Higher Education	24-02-2017 to 26-02-2017	Prof. DS Kesava Rao Dr. K Madhavi	Hum. & Soc. Sci.	75
8	Concept based teaching and learning physics through experiments in undergraduate education	02-03-2017 to 04-03-2017	Dr. T. Venkatappa Rao Dr. P. Abdul Azeem Dr. D. Paul Joseph	Physics	57
9	Free and Open Source Software in Teaching and Learning	04-03-2017 to 05-03-2017	Dr. A Venu Vinod Prof. IAK Reddy	TLC	72
10	Developing OER-enabled e-Learning Courses Using Moodle	18-03-2017 to 19-03-2017	Prof. IAK Reddy Sri SKLV Sai Prakash	TLC	44
11	Effective Teaching and Learning of Digital Electronics	21-03-2017 to 25-03-2017	SKLV Sai Prakash P Muralidhar	ECE	41
12	Innovative Methods for Teaching Mechanical Engineering	22-03-2017 to 26-03-2017	Dr. V Hari Kumar Prof. P Bangaru Babu Prof. RV Chalam	Mech. Engg	60
<b>Total No. of Participants</b>					<b>623</b>