

Department: IT | Date: 11<sup>th</sup> to 16<sup>th</sup> November, 2019

**AICTE**

**(UNDER MARGDARSHAN SCHEME FOR SHARE AND MENTOR INSTITUTIONS)**

**SPONSORED**

**ONE-WEEK FACULTY DEVELOPMENT PROGRAMME ON  
"EFFECTIVE TEACHING AND OUTCOME BASED EDUCATION"**

A one week AICTE (Under Margdarshan Scheme for Share and Mentor Institutions) sponsored Faculty Development Programme on "**Effective Teaching and Outcome Based Education**" was organized by the Department of Information Technology from 11<sup>th</sup> to 16<sup>th</sup> November 2019. All the sessions were handled by eminent speakers from academia. 40 participants from Mentee and Mentor Institutions participated in the programme. The programme aimed to provide opportunities to the members of faculty to enhance their teaching-learning skills using effective teaching methods through ICT platforms and implement outcome based education at their institutions.

The FDP on "**Effective Teaching and Outcome Based Education**" was inaugurated by the following eminent academicians on 11<sup>th</sup> November 2019.

1. Prof. I. Venugopal Reddy, Advisor cum Director, Sree Vidyanikethan Educational Trust.
2. Dr. P. C. Krishnamachary, Principal, Sree Vidyanikethan Engineering College.
3. Dr. Thamaraiselvan Natarajan, Associate Professor, NIT Tiruchirapalli

Dr. K. Ramani, Chief Coordinator of FDP welcomed all the dignitaries and participants. In the welcome speech, she highlighted the objectives of the faculty development program. She opined that, if the members of faculty wish to develop themselves and their students, attending faculty development programs enhances their skills of teaching concepts effectively through ICT and practicing outcome based education enhance quality of institution as whole.

Dr. P. C. Krishnamachary, Principal of Sree Vidyanikethan Engineering College appreciated the department of IT for organizing the programme and welcomed the enthusiastic participants.

The chief guest of the inaugural programme Dr. Thamaraiselvan Natarajan, Professor, NIT Tiruchirapalli spoke about the importance of Outcome Based Education in technical institutions and need of adaptability with the changing global trends across the world.



*Dignitaries on the dais during inauguration*

**Date wise brief Report of Technical Sessions: Day-1: 11-11-2019 (Monday)**  
**Session - 1**



**Dr. Thamaraiselvan Natarajan**, Professor, NIT, Tiruchirapalli delivered a lecture on Activity Based Learning. He formed groups among participants and asked to practice Team Dynamics Exercise with a case study- LOST AT SEA.

**Session-2**



**Dr. Thamaraiselvan Natarajan**, Professor, NIT, Tiruchirapalli delivered a lecture on Activity Based Learning second part. He inspired the participants to assess themselves using Competency Profile Preparation.

**Session-3**



**Dr. Thamaraiselvan Natarajan**, Professor, NIT, Tiruchirapalli delivered a lecture on Activity Based Learning part-3. He explained the sustaining quality through a case study.



**Session-4**



**Dr. Thamaraiselvan Natarajan**, Professor, NIT, Tiruchirapalli delivered a lecture on Activity Based Learning part-4. He explained the importance of Time Management in Teaching through a real time example.

**Day-2: 12-11-2019 (Tuesday)**

**Session - 1**



**Dr. Nagesh Vadaparthi**, Professor & Head of IT, MVGR College of Engineering, Vizianagaram delivered a lecture on Creativity in Teaching Part-1. He explained the role of teacher in enhancing creativity among the students.

**Session - 2**



**Dr. Nagesh Vadaparthi**, Professor & Head of IT, MVGRCE, Vizianagaram delivered a lecture on Creativity in Teaching part-2. He demonstrated a few case studies on creativity in teaching.

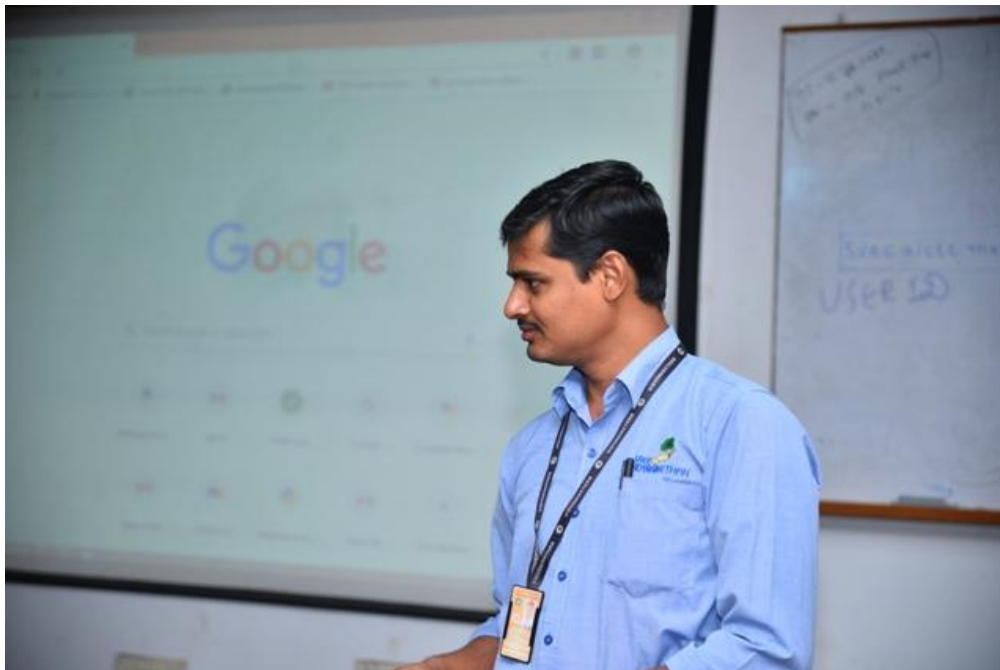
**Session - 3**



**Dr. K. Ramani**, Chief Coordinator, delivered a lecture on Flipped Classroom and Blended Learning. She gave examples on flipped and blended learning stressing its importance in self-learning among students. Also, she explained the creation of video lectures using screen-cast-O-matic software.



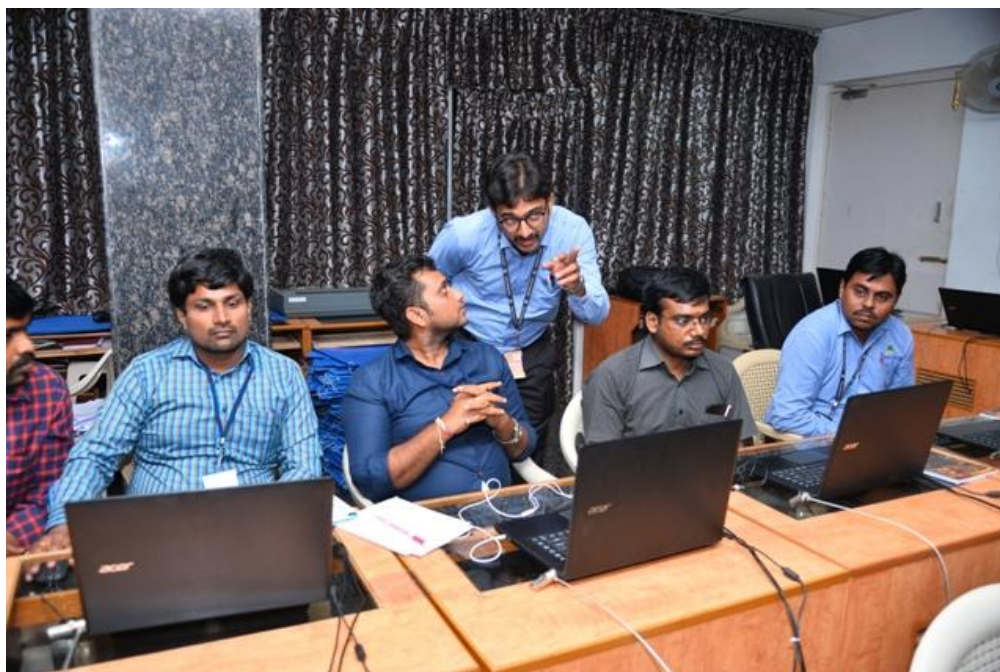
**Session - 4**



**Mr. V. Lokanadham Naidu**, Assistant Professor (SL) of IT, SVEC, Tirupati delivered a lecture on ICT in Education. He explained various ICT tools used for effective teaching and blog creation using wordpress and sharing material and other resources.

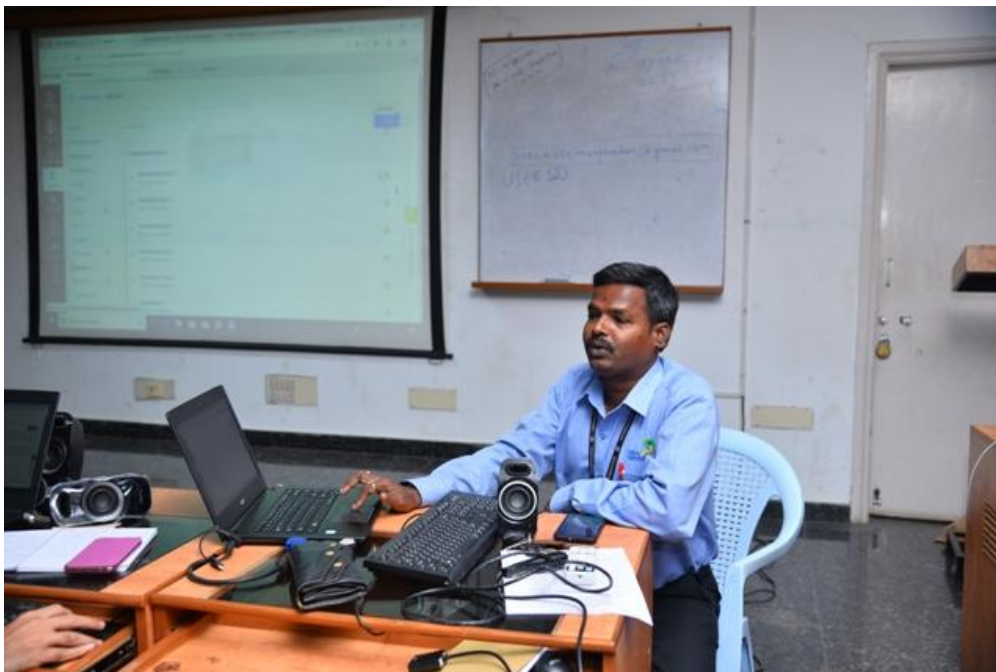
**Day-3: 13-11-2019 (Wednesday)**

**Session - 1**



**Dr. K. Khaja Baseer**, Associate Professor of IT, SVEC, Tirupati delivered a lecture on LMS Platform: Moodle Cloud. He explained how to create courses online using LMS platform.

**Session - 2**



**Dr. A. Srinivasulu**, Professor of IT, SVEC, Tirupati delivered a lecture on LMS Platform: Canvas. He explained the use and effectiveness of Canvas in Teaching.

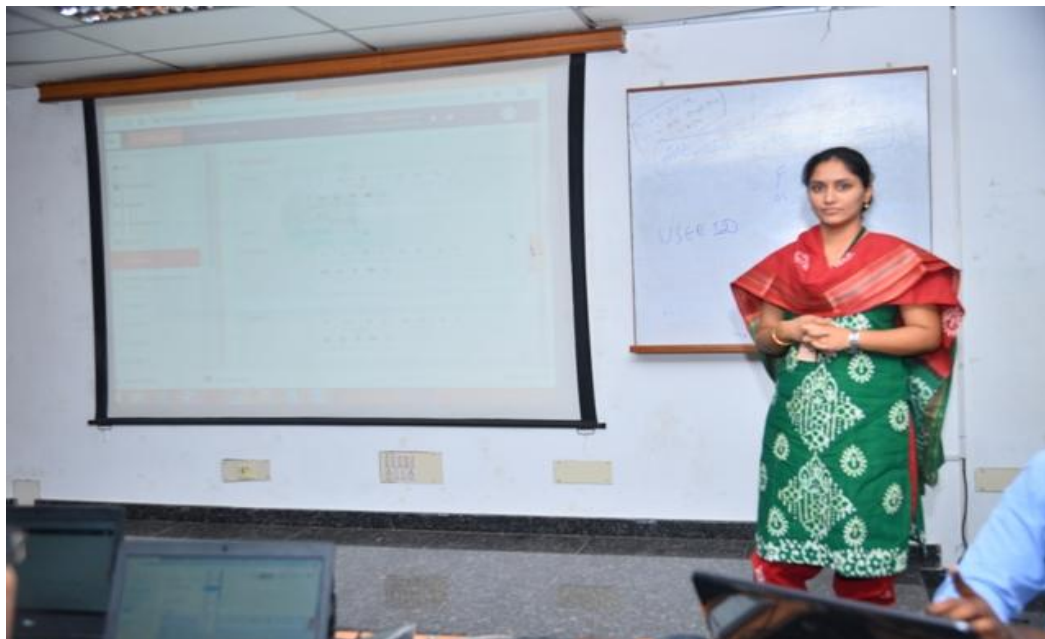
**Session - 3**



**Mr. G. Uma Mahesh**, Assistant Professor of IT, SVEC, Tirupati delivered a lecture on Practice Session on LMS Platform. He explained the examination conduction and evaluation using LMS platform.



**Session - 4**



**Ms. C. Silpa**, Assistant Professor of IT, SVEC, Tirupati delivered a lecture on Practice Session on LMS Platform. She made the participants to practice Moodle Cloud for the implementation of course using LMS platform.

**Day-4: 14-11-2019 (Thursday)**

**Session - 1**



**Dr. S. Karthikeyan**, Associate Professor of ME, Thiagarajar College of Engineering, Madurai, delivered a lecture on Introduction to OBE and Blooms Taxonomy. He explained the parts of OBE and different levels of Bloom's Taxonomy.



**Session - 2**



**Dr. S. Karthikeyan**, Associate Professor of ME, Thiagarajar College of Engineering, Madurai, delivered a lecture on Framing of PEOs, POs, PSOs. He made the participants to practice the same.

**Session - 3**



**Dr. M. L. Mahadevan**, Assistant Professor of ME, Thiagarajar College of Engineering, Madurai delivered a lecture on Framing of COs and role of Bloom's Taxonomy.

**Session - 4**



**Dr. M. L. Mahadevan**, Assistant Professor of ME, Thiagarajar College of Engineering, Madurai, delivered a lecture on Hands on Practice on Attainment of COs. He made the participants to practice the same in their respective courses.

**Day-5: 15-11-2019 (Friday)**

**Session - 1**



**Dr. S. Karthikeyan**, Associate Professor of ME, Thiagarajar College of Engineering, Madurai, delivered a lecture on Attainment of POs & PSOs.



**Session - 2**



**Dr. S. Karthikeyan**, Associate Professor of ME, Thiagarajar College of Engineering, Madurai, delivered a lecture on Preparation of OBE Document for a Programme.

**Session - 3**



**Dr. M. L. Mahadevan**, Assistant Professor of ME, Thiagarajar College of Engineering, Madurai, delivered a lecture on Indirect Methods for Programme Evaluation.

**Session - 4**



**Dr. M. L. Mahadevan**, Assistant Professor of ME, Thiagarajar College of Engineering, Madurai, delivered a lecture on Course-end Survey Preparation and Practice.

**Day-6: 16-11-2019 (Saturday)**

**Session - 1**



**Ms. V. Jyothsna**, Assistant Professor of IT, SVEC, Tirupati delivered a lecture on Rubrics for Theory Courses and explained direct and indirect tools for theory courses evaluation.



**Session - 2**



**Dr. K. Ramani**, Chief Coordinator, delivered a lecture on Rubrics for Lab Courses, Project Work and Seminar. She made the participants to practice the same.

**Session – 3**



**Mr. P. Bhasha**, Assistant Professor of IT, SVEC, Tirupati delivered a lecture on Rubrics for Extra & Co-curricular activities. He involved participants in practicing the same.

**Feedback, Assessment Test and Valedictory Function**

The Chief Coordinator of the FDP Dr. K. Ramani concluded the programme with closing remarks and summarized the programme. All the dignitaries present on the occasion appreciated the department for organizing the FDP. Certificates and course material were distributed to all the participants. Finally the participants were asked to come on to the dais and share their experience of the whole programme. The programme was ended on a happy note.



**Dr. K. Ramani**, Chief Coordinator, delivering the closing remarks.



**Dr. P. R. Chandra Reddy**, a participant from Mother Theresa Institute of Engineering and Technology, Palamaner, appreciating the organizers for conducting such programs and he requested to mentor on OBE implementation at their institute.





**Ms. Ch. Manjusha**, a participant from Narayana Engineering College, Gudur, appreciating the organizers for conducting such programs and she requested to conduct another one week programme on NBA Accreditation.

**The feedback received from the participants:**

1. 95% of the participants felt that delivery and presentation of the resource persons were good.
2. 90% of the participants were of the opinion that the FDP brought practical knowledge of on LMS platforms, Active Learning methods and OBE.
3. 90% of the participants felt that the FDP was done very well.
4. More than 75% participants rated the FDP excellent and 25% rated it very good.
5. Participants felt that the boarding and lodging facilities were highly satisfactory.
6. Some participants felt that more activity based sessions may be included.
7. One participant expressed that a few more case studies should have been included.



**Certificate distribution to Participants.**



## **Outcomes:**

All the sessions were very informative. The FDP helped in equipping the participants with knowledge in Outcome Based Education and adopt ICT based teaching methods. The role of faculty in creativity based learning was demonstrated. Activity based learning methods demonstrated, so that participants can implement the same in their institutes. Active learning methods such as Flipped Classroom and Blended Learning, Think-Pair-Share, Lecture video creation tools enabled participants to practice the same in their teaching. Various LMS platforms such as Canvas and Moodle Cloud implementations are demonstrated, so that the participants can implement at their respective institutions. A detailed discussions and practical sessions held on Outcome Based Education, so that the participants can adopt the same for quality improvement of their respective institutions. Last but not the least when the house was open for discussion, the participants were keen to ask and with the same level of enthusiasm they were justifiably answered by the expert speakers. The FDP not only helped the participants in their curriculum development, teaching methodology but also helped them to know evaluation tools.

## **Group Photo**

### **Participants of ET & OBE**



We are thankful to the enthusiastic participants, speakers, who attended the programme. We are also thankful to AICTE for sanctioning the fund to organize programme. We extend our thanks to Management, Mr. P. Bhasha, Co- Coordinator, Teaching and Non-teaching staff who helped us to make this event a grand success.