

# **Progress report of the Project**

Developing a Teacher Supportive Material for Faculty Improvement among Engineering and Technological Colleges

A report of Three Day Consultative Workshop with the Experts of Engineering and Technological Institutions (18th, 19th and 20th December 2019 Phase II)



The day 1 of the workshop started on 18th December 2019 at 9.30 A.M with registration process, inauguration and this was followed by presentation of concept note of the current workshop by Dr.Suneetha.C.N, the project coordinator.



This was followed by the session 2 in which a renowned personality, Prof.Sagar A.H, academic advisor and industry specialist gave a motivational talk as well as rendered the critical review of the present scenario of engineering programmes.



Session 3 had the presentation by Prof. Shivakumar, In charge Director of CDC-NITTTR, Bangalore. He spoke about the importance of concept mapping and its significance in Teacher Supportive Material.

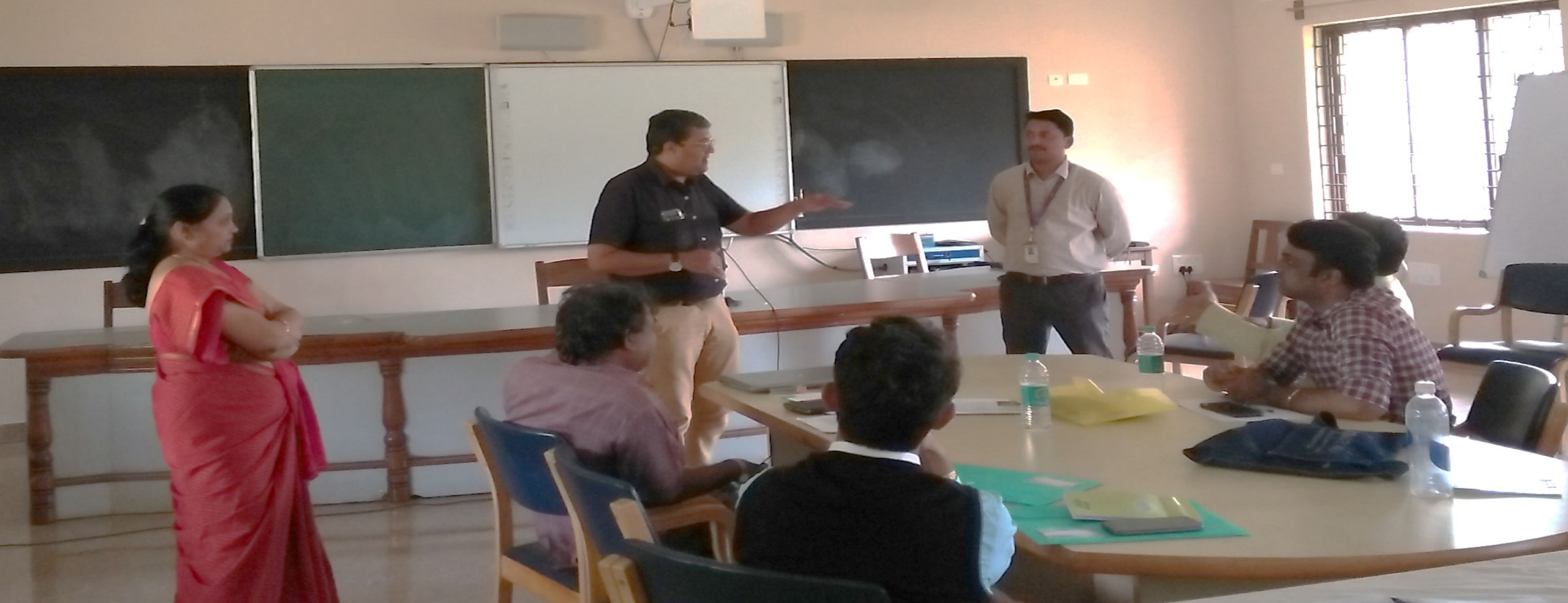


Session 4 was the last activity on the first day of the workshop. Prof. Giridharan K.S, Associate Professor from CDC-NITTTR, CHENNAI, narrated the steps of semester planning and student centred activities.

The second day of the workshop started on 19th December 2019 by Prof. Shirish Kerur Associate Professor, Jain College of Engineering, Belgaum. He advocated to have immersive learning by making use of active participation by students, their emotions, empathy by the teacher and providing context for learning. The second session of the second day workshop had group work on developing the TSM.



Prof. Giridharan K.S gave a talk with special reference to evaluation. He illustrated about the different phases of a lesson plan which could be adopted to any topic irrespective of the different branches of engineering curricula.



This was followed by the group activities regarding the TSM development. That marked the last session of the second day of the workshop. The third day of the workshop had a presentation by Prof. Shivakumar, about developing rubrics for qualitative assessment.



Prof.Shirish Kerur and Prof.Gururaj Lalgi, MSRIT, Bangalore, from Mechanical Branch, presented the material they prepared to the other group of resource persons. From module-2 they have chosen the topics, namely, Introduction to Internal Combustion Engines, Working Principle of Four Stroke and Two Stroke Engines.

Prof.Manjunath Lakkannanavr from MSRIT, Bangalore, from ECE branch presented the model lesson plan for Semiconductor Devices, their applications, Junction Diodes, their characteristics and mathematical analysis of parameters of junction diodes.



Prof.T.V. Svaralakshmi, from Nagarjuna University of Engineering, Prof.Ganesh Prasad from NIE, Mysore had put their collective effort in bringing out the material in the civil branch.



Prof. Bhaskar, HOD Mathematics, from Vidyavardhaka College of Engineering, Mysore, Prof. Prakash, assistant professor in engineering mathematics, Prof. Sharad Sure, Associate Professor from Azim Premji University presented their collective work in the subject engineering mathematics.