

T M JACOB MEMORIAL GOVERNMENT COLLEGE MANIMALAKUNNU

DEPARTMENT OF PHYSICS

SEMINAR ON RECENT TRENDS IN THIN FILM TECHNOLOGY NOVEMBER 2014

Report of the Seminar held on 27-11-2014 & 28-11-2014

The seminar on RECENT TRENDS IN THIN FILM TECHNOLOGY started with an inaugural function at 9.15 am at seminar hall . Dr P S Anilkumar, Professor, Indian Institute of Science, Bangalore Inaugurated the seminar. Our principal Sri. Belba E presided over the function. Smt Seenamol K Stephen welcomed the participants and Sri. Tojomon Mathew, Assistant professor of Physics gave vote of thanks in the function. The first session started at 10am. In the first two sessions Dr. P S Anilkumar, professor, Indian Institute of Science, Bangalore discussed the epitaxial growth of thin films and spintronics very nicely. In the afternoon sessions Dr. P Pradeep, Professor, National Institute of Technology, Calicut discussed about Organic Semiconductors: Towards sustainable Energy sources. The importance of organic semiconductors and their possible applications in the future were also discussed.

On 28-11-2014 the forenoon sessions started at 10 am. The forenoon sessions were handled by Dr. Manju T of Sree Sankara College, Kalady. In the first session she discussed about Thin Film Deposition by Magnetron Sputtering and in the second session she discussed different characterisation techniques very briefly. The afternoon sessions were handled by Dr.T A Shahul Hameed, Associate professor, Electronics and communication Engineering, T K M College of Engineering, Kollam. He discussed about organic electronic devices, and some modelling, simulation and characterisation techniques. Actually this was a new area to the teachers and students of physics.

All the sessions were very informative and very useful to both the teachers and students. It helped to motivate the students a lot. A total of about 65 students and teachers participated in the seminar.



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