

**T M JACOB MEMORIAL GOVERNMENT COLLEGE MANIMALAKUNNU**

**DEPARTMENT OF PHYSICS**

**SEMINAR ON EMERGING TRENDS IN NANOSCIENCE DECEMBER 2016**

**Report of the Seminar held on 06-12-2016 & 07-12-2016**

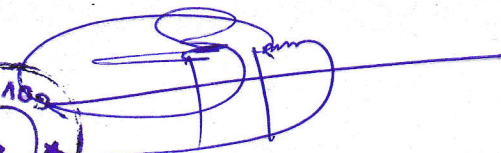
The seminar on EMERGING TRENDS IN NANOSCIENCE started with an inaugural function at 9.15 am at seminar hall . Dr Riju C Issac, M.A College Kothamangalam, Inaugurated the seminar. Our principal Dr.Sheela S. presided over the function. Smt. Seenamol K Stephen welcomed the participants and Sri. Tojomon Mathew, Assistant professor & co-ordinator gave vote of thanks in the function. The first session started at 9.45am. Dr.Riju C Issac explained the fundamentals of nanoscience and nano photonics in detail very nicely. The second session started at 11.30am and handled by Dr.Jijimon K.Thomas,Associate professor,Mar Evanios college,Thiruvananthapuram.He is an expert in High Tc superconductors and in Nano ceramics.He explained in detail how the physical properties of transparent ceramics can be improved with the help of nanotechnology.The afternoon session started at 1.30pm and was handled by Dr.Sajeev U.S assistant professor,Govt.college Nattakam.He explained beautifully nanosystems in nature one by one.Different colours exhibited by butterflies due to the presence of nanoparticles fascinated students afternoon session ended at 4.35pm.

On 07-12-16 the forenoon sessions started at 9.30 am. The forenoon sessions were handled by Dr. S.Sugunan,Professor adjunct,Dpt.of chemistry CUSAT.He is one of the pioneers in Nanoscience in south India.Using simple language he explained amazing properties of nanotitanium.Teachers and students doing research in nanoscience clarified their doubts.Professor Sugunan shared his experience in thefield during the last 30 years.After noon sessions were handled by Dr.Thomas Varghese ,Associate professor,Nirmala college,Muvattupuzha.He explained in detail the recent developments in nanoscience and nano electronics.That was an interactive session.Both students and teachers actively participated in the session.

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 37 students and 18 teachers participated in the seminar.

Valedictory function started at 4.30 p.m and Dr.S Sheela,Principal,distributed the certificates.

Tojomon Mathew,Asst.Prof.&Co-ordinator

  
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