

TM JACOB MEMORIAL GOVERNMENT COLLEGE MANIMALAKUNNU

DEPARTEMENT OF PHYSICS

**SEMINAR ON A STANDARD MODEL OF PARTICLE PHYSICS AND THE RECENT
LHC EXPERIMENTS**

Report of the seminar held on 16-01-2013 & 17-01-2013

The seminar on Standard Model of particle Physics and Recent LHC Experiments started with an Inaugural function at 10am at seminar hall. Dr M Sabir, Emeritus Professor, Department of physics, Cochin University of Science and Tchnology, inaugurated the seminar. Our Principal Dr.K.Prasanna ,presided over the function . Sri Robin Francis, HOD of Physics welcomed the participants and Smt Seenamol K Stephen ,Assistant professor of Physics gave vote of thanks .After the tea break Prof.M. Sabir explained about Particles and Fields. The second session started at 12noon and handled by Dr.Ramesh Babu T, Professor, Dept of Physics, CUSAT. He Explained well about standard model of particles .In the afternoon session Dr Ramesh Babu continued about standard model of particles.

On 17-01-2013 the forenoon sessions started at 10 am with a talk on Particle and cosmology by Prof. Moncy V. John, Dept.of Physics, St. Thomas college Kozhencherry .The next two session were engaged by Dr. K Indulekha, Professor, School of Pure and Applied Physics, Mahatma Gandhi University, Kottayam. She explained very nicely about Large Hadrons Collider principles and experimental verification of standard model of Particles. The Participants and students of our college benefited and enjoyed the class a lot.

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