

THE NATIONAL COLLEGE

AUTONOMOUS
JAYANAGAR, BANGALORE: 70

DEPARTMENT OF PHYSICS (PG):-

U.G.C. Sponsored National Conference on 'National Conference on Condensed Matter and Space Sciences- 2017' conducted on 3rd and 4th July 2017.

Event Summary

Event Name: Condensed Matter and Space Sciences (NCCSS- 2017)

Theme: Connection between Condensed matter physics and space sciences.



Date: 3rd and 4th July 2017

Conference Organizer's: Department of Postgraduate Studies & Research In Physics, The National College Jayanagar Bangalore- 560070

Conference Chairman : Dr. R. Rajaramakrishna, Coordinator, Department of P.G. Studies & Research in Physics

Conference Convener: Dr. N. G. Pramod, Assistant Professor, Department of P.G. Studies & Research in Physics

Conference Co-Convener: Mr. Abhiram J, Faculty member, Department of P.G. Studies & Research in Physics

Venues:Conference – Dr. H.N. Kalakshetra, The National College Jayanagar Bangalore- 560070

Day 1

The conference was inaugurated by distinguished I.S.R.O scientist, Sri. P.J. Bhat who delivered a key note address on the “Recent developments in Satellite Technology” and the event was presided by Dr .A.H. Rama Rao president, N.E.S on 3rd July 2017. The main highlight of this event is launch of digital abstract in form of Compact Discs (C.D.) in view of promotion of digitization and adaption of green environment.

The session began with a talk from Prof. S.M. Shivaprasad, Distinguished Scientist, JNCASR on the topic “Nano manifestations of GaN thin films”. Session 2 was continued with a talk on “Functional Organic Materials for Various device applications” from Professor Yellamagadd, Centre for Soft Matter Research (CENS). Dr Harish Barshilia, Distinguished Scientist, National Aerospace Laboratory (NAL) spoke on “Thin film coatings for aerospace applications” and the day had few student research poster presentations which was main part of this conference.

Day 2

A motivational talk from Prof Chandan Dasgupta, I.I.Sc. had propelled the day with a scintillation talk on the topic “Glass Transition in dense system of self-propelled particles” which was subsequently followed by Dr. B. Eraiah, Associate Professor, Department of PG Studies In Physics, Bangalore University talk on about “Free electron theory of metals”. Post Lunch Session, a poster presentation from the participants on their research work followed by Dr. S. Ramesh, Retd.Scientist I.S.R.O delivered a lecture on “Testing and Characterization of Materials for space application” and the day ended with valedictory and award function.

The conference had participants of about 250 members and the proceedings were published in the international journal for multi-dimensional research, IJPAS (internal journal for pure and applied sciences) Vol 4, ISSUE 07, July 2017.