

Report of Workshop on Research Methodology for Doctoral Candidates

Department of Physics of Alva's Institute of Engineering and Technology has organized a Workshop on Research Methodology for doctoral candidates RMDC-2016 during February 27-28, 2016. Dr. Ramaprasad A.T was the coordinator of the workshop and Dr. Santhosh Acharya was the sub-coordinator of the workshop. 32 participants from the various fields were the present during this workshop and most of the participants were PhD research scholars.

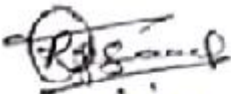
All the sessions were systematically arranged keeping in mind the need of the research scholars. The sessions were as follows:

Day 1

Dr. Ramaprasad welcomed the participants and gave an introductory speech as well as introduced Dr. Gautham Jeppu, MIT Manipal was the resource person of day I: Research culture and how to write journal papers. Dr. Ramaprasad A.T, Department of Physics of Alva's Institute of Engineering and Tecnology felicitated Dr. Gautham Jeppu with a Bucky.

Day I: A series of lecture on **Research culture and how to write journal papers** was taken by Dr. Gautham Jeppu. He started his session with a special activity.

Day II: Research Problem Selection and Research Process was taken by Dr. Raviprakash from MIT Manipal who is an active researcher in the area of solar cells. He highlighted what research is not? He explained that research is not just information gathering, is not rearranging the facts and figures alone and is not playing of words. He focused on what is research? He stresses that research starts with a question or problem, accepts certain basic assumptions, expects critical interpretations, requires unbiased data collection analysis, performs validation, needs articulated documentation and leads to further research. He has given some examples and explained how to find research problem


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