A Report on

Faculty Development Program (FDP) on Enhancing Research & Development Activities in Technical Institutions

At

Birla Vishvakarma Mahavidyalaya
Vallabh Vidhyanagar, Gujarat

From: 26 - 28 Feb, 2015

By

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Faculty Development Program (FDP) on Enhancing Research & Development Activities in Technical Institutions

Technical Steering Committee:

Dr. Datta Madamawar (Professor, S.P. University, V V nagar )
Dr. Venugopal (Sr. Scientist, IGCAR, Govt. of India)
Dr. H. V. Trivedi (Mentor, TEQIP-II)
Dr. U. D. Patel (Civil Engg. Department, MS Uni. Baroda)
Dr. K. N. Seth (Director, SPEC, Anand)
Dr. Anand Bhadalkar (Sector Specialist, GSBM, Gandhinagar)
Dr. Cyril Prasanna Raj P. (Dean Research M. S College of Engg.,Banglore)
Dr. Ashok Pandey (Deputy Director, NIIST , Trivendram)
Dr. B. S. Munjal (Sr. Scientist at ISRO, Ahmedabad)
Dr. Y. P. Kosta (Director , Marwadi Group of Institutions, Rajkot)
Dr. F.S Umrigar (Principal , BVM, V.V. Nagar)
First Day of FDP Session

1. Introduction

The Birla Vishvakarma Mahavidyalaya, V.V. Nagar, has organized a FDP on “Enhancing Research & Development Activities in Technical Institutions” on 26th to 28th February 2015. We Maitrey Patel, Kashyap Raiyani and Nildip Patel, working as an Assistant Professor in Computer Engineering department at Grow More Faculty of Engineering, Himmatnagar, Gujarat – 01 had attended this FDP. Here We have given the brief outline of entire FDP in this report.

The opening ceremonies were chaired by Dr. Indrajeet Patel, Dr.F.S Umrigar and Dr. H.V. Trivedi of FDP Working Group. Welcome Talk was given by: Dr.F.S Umrigar (Principal, BVM).

After the inaugural Function the FDP is started. 1st session is all about the key note lecture by Dr. Venugopal(Sr. Scientist, IGCAR, Govt. of India). He explains his work about Nuclear Reactor in very deeply. Then after Technical session is covered by Dr. H. V. Trivedi (Mentor, TEQIP-II) and he explains all about the what is research?

After that session Dr. U. D. Patel (Civil Engg. Department, MS Uni.) has explained all about the Research work and how to do PhD. He shared his experience about how to do PhD. What are the major aspects of the PhD and as well as Research. He has differentiate the PhD and Research work.

The last and third session was covered by Dr. Datta Madamwar. He shared his knowledge about the funding committees/agencies and the funding rules and regulation. He told about various funding companies across the India as well foreign.
Second Day of FDP Session

On the second day of FDP session, Dr K. N. Seth is the first keynote speaker and he shared the knowledge about the rules and regulation for getting fund of funding agencies and their duration period of grants. And he shared some following objectives

- To encourage and promote the pursuit of excellence in the field of ‘Engineering’.
- To offer the Govt. of India, the local Governments and others, the views of engineers in cooperation with other professional bodies in regard to all matters pertaining to ‘Engineering’.
- To promote the National Policy on Education of the Govt. of India.
- To present at all academic forums, the research and development activities on engineering on mutual interactive and cooperative basis both in India and abroad.
- To encourage inventions, investigations and research and promote their applications for development of both organised and unorganized sectors of national economy.

The second speaker on second day is Dr. Anand Bhadalkar. He is a sector specialist in GSBM located at gandhinagar. He explain the market values of the research and from where we can get money from the research work. He also gives a partial knowledge of the branding, how the brand will earn money from the product and etc...

Dr. Cyril Prasanna Raj P. has started the third session with some meaningful aim. Wiz. How to file application of the research funding to the funding agencies. He shared his struggling experience of the filing the applications and he illumine the cycle of the filing application and failure rate. He tried to teach us How to file your research work for funding.

With the Interactive session they had wind up the 2nd day session
Third Day of FDP Session

Third day of the FDP is started by the Dr. Ashok Pandey who is the deputy director at NIIST, Trivendram. He focuses on the various aspect of research work. How it will be beneficial to the researcher and the institutions.

The second session has continued by Dr. B. S. Munjal who is sr.scientist at ISRO, Ahmedabad. He shared the current research work of the ISRO today, which are technologies used and which are areas which still pending for research. The different kinds of research areas are available on the ISRO's website. He also told us the cost of various technologies to adopt and the technology costs of various countries.

Final session of the FDP is covered by Dr. Y. P. Costa who is director at Marwadi Group of Institutions, Rajkot. He elucidates the research meaning and how to do it. He fires many questions to the people and by that he explain everything about research. And how to do a research from the heart. How to find a results of your question by sharing their personal experience.

The last session is plenary session and is all about the conclusion of the FDP workshop and the key persons shares their ideas and vision towards the research. With the vote of thanks and validation ceremony Dr. Indrajeet Patel co-ordinator of this workshop is announced of closing the workshop.