



G. H. Raisoni College of Engineering, Nagpur
(An Autonomous Institution under UGC Act 1956 &
Affiliated to Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur)
CRPF Gate No.3, Digdoh Hills, Hingana Road, Nagpur-16.

Workshop on Research Methodology & Project Management
(19 to 31 Jan 2015 for the Second Semester PG students of Engineering & Technology)
Under
TEQIP-II

A workshop on Research Methodology is arranged for the Second Semester PG students of Engineering & Technology in different departments. This workshop aims to give systematic process of identifying the problem, defining the problem, identifying the variables/ indicators to address these problems, collecting, compiling, processing and analyzing data to assess the inherent characteristics of the phenomenon under study and to identify the objective basis for arriving at a correct/reliable decision

Objective:

The objective of this program is to enable researchers to understand and appreciate the nature, complexities and challenges of research on and equip them with knowledge and skills that will enable them to exercise choice between available techniques or methods of research. The workshop shall help the candidates to conduct research with reference to the objectives of a particular topic of investigation. This workshop shall also discuss how write technical paper, patent filing, evaluation of research by various ways like citation, impact factor, etc.

Contents

- Introduction to Research
- Methods of Research
- Literature Review
- Tools and Techniques of Data Collection
- Sampling & Hypothesis testing
- Optimization techniques
- Presentation of Research Findings
- Report writing
- How to write a technical paper
- Patent & Evaluation of Research
- Case presentations & Lab visits for R&D facilities
- Quantitative methods of computer applications
- Modelling & Simulations software (Autocad, Matlab & Simulink, Labview)

Registration

PG students should submit registration form to PG coordinators on or before 16 **January 2015**.

Research Methodology & Project Management

	Session- I 10:00 AM To 11:30 Noon	11:30 Noon To 12:10PM	Session- II 12:10 PM To 1:30 PM	1:30 PM To 2:30 PM	Session- III 2:30 PM To 4:00 PM		
Day- 1 19/01/2015	Research Attitude Dr. D. J. Tidke	Tea	Literature Review Dr. P. R. Bajaj	Lunch	Research Design Dr. D. V. Padole		
	Session- I 10:00 AM To 11:30 AM	11:30AM To 11:40AM	Session- II 11:40 AM To 1:10 PM	1:10 PM To 2:00P M	Session- III 2:00 PM To 3:30 PM	3:30 PM To 3:40 PM	Session- IV 3:40 PM To 5:10 PM
Day- 2 20/01/2015	Open source tools Dr. U.N.Shravankar		Tools and Techniques of Data Collection Dr. S. D. Giripunje		Statistical Analysis of Data & Genetic Algorithm (GA) in optimization Dr. L. G. Malik		
Day- 3 21/01/2015	Presentation of Research Findings Dr. P. B. Nagarnaik		Writing Research Report Dr. S. S. Dorle		How to write technical paper Dr. A. Y. Deshmukh		Emerging trends in Power Sector Dr. V.K.Chandrakar
Day- 4 30/01/2015	Computer Applications for presentation of Data Dr. B. V. Khode		Operations Research tools for optimization Dr. O. K. Chaudhari		Smart Materials Dr. R. N. Baxi		Patent & Innovation Dr. U. S. Wankhede
Day- 5 27/01/2015	Introduction of Management Dr.K.S.Mukharjee				Concept of Business Finance Prof.Madhu Menon		
Day- 6 28/01/2015	Concepts of Marketing Prof.Sanjeev Kumar				Introduction to HRM Prof.Rajshree Admane		

Research Methodology & Project Management

	Session- I 10:00 AM To 11:30 AM	11:30AM To 11:40AM	Session- II 11:40 AM To 1:10 PM	1:10 PM To 2:00PM	Session- III 2:00 PM To 3:30 PM	3:30 PM To 3:40 PM	Session- IV 3:40 PM To 5:10 PM
Day- 7 29/01/2015	Depreciation Policies, Capital Management Prof.M.Menon				Introduction to Strategic Management Prof.Sanjeev Kumar		Project performance evaluation Dr.K.S.Mukharjee
Day- 8 22/01/2015	Matlab & Simulink (Prof. K. D. Joshi & Prof. H. S. Dalvi)		Matlab & Simulink (Prof. K. D. Joshi & Prof. H. S. Dalvi)		Autocad (Prof. P.B.Patil)		Autocad (Prof. P.B.Patil)
Day- 9 23/01/2015	Autocad (Prof. P.B.Patil)		Labview (Prof. Payal Gutke)		Labview (Prof. Payal Gutke)		Labview (Prof. Payal Gutke)
Day- 10 24/01/2015	LaTeX (Prof. V. A. Gulhane)		LaTeX (Prof. V. A. Gulhane)		LaTeX (Prof. V. A. Gulhane)		
Day-11 31/01/2015	Linux (Prof. S U. Nimbhorkar)		Linux (Prof. S U. Nimbhorkar)		Linux (Prof. S U. Nimbhorkar)		



G. H. Raisoni College of Engineering, Nagpur
(An Autonomous Institution under UGC Act 1956 &
Affiliated to Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur)
CRPF Gate No.3, Digdoh Hills, Hingana Road, Nagpur-16.

Workshop on Research Methodology
(11 to 21 December 2013 for the Second Semester PG students of Engineering & Technology)

REGISTRATION FORM

Name of Student: _____

Course: _____

Department: _____

Address: _____

Phone No.: _____

Mobile: _____

Email: _____

Date:

Signature of the applicant.