



Program proposal

1. **Title of the program:** Workshop on Research Methodology for Research Scholars in Science and mathematics.
2. **Venue:** North East Centre for Research and Development (NECRD), IGNOU, Six Mile, Guwahati
3. **Proposed Dates:** 13-17 September 2010
4. **Total no. of days:** 5(five) days
5. **Target Group:** Post Graduates in science and mathematics.
6. **Accommodation:** Participants have to arrange their own accommodation
7. **Fees: Rs.500.00 (Rs. five hundred only) to be deposited (in terms of Demand Draft in favour of Deputy Director, NECRD payable at SBI, Six Mile Branch, (Guwahati) at the time of Registration on 13th September 2010 at 9.30AM**

8. Needs and Justification:

Research in science and mathematics now-a-days has many challenges and researchers need a correct methodological approach to move forward. Basically, researchers of science and mathematics have to integrate various techniques to make the work more effective, attractive and useful in the domain of knowledge and practice. To compete with the new trends in the field of research, one has to go through proper research methodological process. The workshop of this kind will definitely help the participants to acquaint themselves to the recent trends and challenges of the research methodology thereby shaping their research work in the right direction.

We have already conducted a workshop on research methodology for social science research scholars in August 2009, for which many scholars in Science and Mathematics also applied. Since we could not accommodate them then, we are going to organize a workshop on research methodology for science scholars during the above mentioned period. This workshop is first of its kind in North East.

9. Objectives:

1. To make aware the fresh post graduates and researchers about different research methodologies
2. To make the researchers able to choose the right methodology or methodologies for their research study in their field.

10. Pedagogy:

The program has been designed to make it highly interactive, which includes exercises, activities etc. The program will be facilitated by experienced faculties drawn from different Universities and Research centers.

11. Tentative topics:

The tentative topics to be covered in the workshop are as follow:

- (a) Importance of Science and Mathematics Research: Characteristics and Basic Concepts
- (b) Identification of research problem
- (c) Formulation of Research Objectives
- (d) Review of Literature: Importance and relevance
- (e) Research Designs: Theoretical and Conceptual Framework
- (f) Designing of experiments
- (g) Fundamentals of Data presentation, analysis and interpretation
- (h) Report/Thesis writing
- (i) Use of Computers

12. Participants will be selected on **first come first serve** basis if otherwise qualified



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APPLICATION FORM

WORKSHOP ON RESEARCH METHODOLOGY FOR RESEARCHERS IN SCIENCE AND MATHEMATICS

1. Name:

2. Gender: Male/Female (Tick the correct one)

3. Address for Communication:

Telephone:

Mobile:

Email:

4. Area of Research:

5. Enrolled/Registered for: M.Phil/Ph.D (tick the correct one)

If enrolled/registered please mention:

i) Name of University:

ii) Name of the Department:

iii) Date of Registration:

Date:

Signature_____

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- Scholars are required to produce a bona-fide certificate from their respective department/school or research guide.
 - Filled in application should reach the following on or before **30th August, 2010**.
Dr. A. C. Borah, Deputy Director, North East Center for Research and Development (NECRD),
INDIRA GANDHI NATIONAL OPEN UNIVERSITY House No 02, Six Mile, Guwahati 781 022.
Please submit forms electronically to save time and paper at the following e-mail ID.
E-mail: prognecrd@gmail.com
 - For any query please contact:
 - i) Ms. Sangeeta Kakoty, 098640 69660(M)
 - ii) Mr. K. T. Rainam, 096781 80874(M)