

IIT GUWAHATI

Joint Online One Week Joint Faculty Development Programme

Research Methodology

14 – 19 March, 2022

Electronics & ICT Academy IIT Guwahati

organized by

IIT Guwahati, NIT Patna, MNIT Jaipur and IIT Roorkee



Course Contents

- Understanding the basics of Research Methodology
- Immaculating the ability of research writing.
- Developing sense of authorship and reviewership.
- Technical Report Writing.
- Learn to use Latex Tool, Turn It In, Statistical tools etc.
- Effective contribution to Research Community.
- Learn to invite funds for Research Projects

Features

- Instructor led online training sessions
- 07 hours per day
- Rigorous Hand- on (practice)
- Special sessions on Simulation and characterization
- Specific industry-led sessions
- Opportunities to connect with expert for research orientation

Registration Details

Registration link -

<https://forms.gle/Wap9F86473r7bJSR9>

Registration fee

Faculty/students – Rs. 500/-

Others – Rs. 1000 /-

Foreign participants – Rs. 4000/-

Last Date to apply: March 7, 2022

Principal Coordinator

Dr. Gaurav Trivedi,
IIT Guwahati

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Joint Principal Coordinator

Prof. Ratnajit Bhattacharjee,
IIT Guwahati

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Online payment details:-

Bank Name : State Bank of India

A/C Name : IIT Guwahati R and D E and ICT
Academy

Account No. : 36071160089

IFSC Code : SBIN0014262

Bank Name : State Bank of India

Bank Address : IIT Guwahati, GHY- 39

Contact Details

Contact Us : eictiitg.nkn@gmail.com

Phone Number : +91-361-2583182

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EXPRESSION OF INTEREST

between

ELECTRONICS & ICT ACADEMY

INDIAN INSTITUTE OF TECHNOLOGY GUWAHATI (IIT GUWAHATI), INDIA



and

Coordinator Name.....**Dr. Santanu Konwar**..... Institute Name ..**Abhayapuri College**..

Ph no.....**8721045680**..... Email ID.....**santanuknwr79@gmail.com**.....

Course Name:

Joint Online One Week Joint Faculty Development Programme

Research Methodology



Electronics & ICT Academy

(Under Ministry of Electronics and Information Technology (MeitY), Govt. of India)

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PREAMBLE

Electronics and ICT Academy is an initiative of Ministry of Electronics & Information Technology (MeitY) Ministry of Communications and IT, Govt. of India for Faculty/ Research Scholar Development Programme.

Electronics and ICT Academy, IIT Guwahati has planned short term training programmes on fundamental and advanced topics in IT, Electronics & Communication, Product Design, Manufacturing with hands on training and project work using latest software tools and systems. In addition, the Academy will conduct specialized/customized training programmes and research promotion workshops for corporate sector & educational institutions.

Electronics and ICT Academy, IIT Guwahati has successfully conducted 08 joint Faculty Development Programmes through online mode and trained 10,424 participants all over India.

1. OBJECTIVE AND SCOPE

Each Electronics and ICT Academy would focus on improving the quality of faculty of institutes and colleges in the respective states/UTs which would result in improvement of quality of students there by making them industry ready and employable in the ICT/ Electronics Manufacturing Industry.

Both, Academy and **Dr. Santanu Konwar (Coordinator)** shall encourage cooperation between faculty/researchers of various institutes for organizing the Online based faculty development programmes in the field of Electronics & ICT, especially ones that are recommended by Academic Council at Ministry.

Target Beneficiaries: Faculty / Mentors of Engineering, Science, Arts, Commerce colleges & Polytechnics of the respective/neighbouring States/UTs. As an outcome of the faculty training, their respective institutions would be benefitted.

Please find the role and responsibilities below:

A) Role and responsibility of the Co-ordinator & Honorarium Detail

S.No	Role	Variable cost @Rs.250 (say for 10 extra participants)	Honoraria/Remuneration for 50 group	Role Responsibility
1.	Coordinators cum proctors/evaluators, variable cost	2500	10,000	<ul style="list-style-type: none"> For proctoring assignments/Quizzes/Attendance/monitor. Ensure delivery, conduct and evaluation of assignments/quizzes. Help Course coordinator in managing courses. Conducting Hands-on Maintain Whatsapp Group and LMS group for handling the query of the participants and class management.

Instruction Set to be followed for the enrollment and attending the Online FDP organized by E&ICT Academy IIT Guwahati.

- 02 Whatsapp Groups will also be created for each Online FDP (02-03 days before the commencement of the session) where proctor coordinators need to join.
First Whatsapp group will be of the Academy with all the coordinators, resource person and other associated Academies. All the queries from the participants will be forwarded by the coordinators in this group. The resource person will handle the queries.
Second Whatsapp group will be of the coordinators and their respective participants. The participants will post the queries and the coordinator will facilitate to resolve the same with the help of the expert.
- All information regarding the online FDP will be updated in the Whatsapp Group.
- The session will be held in a Video Conferencing (VC) Application (WebEx).
- The link to download the VC application and the steps to be followed to install the application will be shared with the participants.
- The participants may connect/join the session from Laptop/Desktop.
- The participants need to ensure sufficient bandwidth to run the VC application properly.
- Course duration: Each course is designed as 3 credit equivalent for 35-40 hours (Theory Lectures, Hands-on/Design orientation/Activity linked problems/Assignments Problem Solving/Case Studies sessions/Quiz Tests). The contact hours are to be spread over 10 days, implying NOT more than 4 hours per day.
- Accommodation & Travel: There is no provision as well as scope for Boarding and Lodging, as all the programmes are being offered ONLINE.
- Registration Fee for each Winter Course: Candidate is required to pay a examination fee of Rs. 500/- (faculty/PhD-scholars/students), Rs. 1000/- (others) and Rs. 4000/- (Foreign candidate). Certificate for participation will be given to the participants subject to fulfillment of attending all sessions, submission of assignments and clearing the test(s) to all the paying participants
- Continuous Monitoring and Assessment will be conducted by E&ICT Academies with the help from the coordinators.
- The Theory Assessment will be through Google Quiz/LMS.
- Grading Scheme
Quiz (05 quiz each of 10 marks) = 50 marks
Attendance (02 marks per session for attending session) = 20 marks
Assignments/Hands-on= 30 marks

- The document management

Attendance	The attendance sheet link to be provided by the Academy. The coordinator need to maintain the same.
Payment verification	To be verified by the Global Coordinating Academy.
Course Material/Assignment/Hands-on	Uploaded in the google drive created by the Academy/LMS.
Google QUIZ	Uploaded in the google drive created by the Academy/LMS.
Feedback Form	Uploaded in the google drive created by the Academy/LMS.
Participation certificates with Grades	To be generated & verified by the Global Coordinating Academy.

- In case of any query/problem/issue regarding the registration, you may email us at eictitg.nkn@gmail.com

Protocols to be followed while attending the session through Video Conferencing Application

- The participants need to mention their Full Name and registered Email address for joining the VC application.
- The participants need to mention their email ID (used while registration for the programme).
- The participants should attend the sessions individually and no group of participants can join through a single system.
- The participants are requested to mute themselves for the session while the Resource Person is delivering).
- In case of any Doubt/Query, the participants may raise their issue in the Chat Box of the application.
- The Resource Person will address each and every query of the participants in the Chat Box. Additionally, if required the Resource Person may un-mute the participant or may give the privilege to share their screen for better understanding of the problem (only for that duration).
- The participants are requested to make a good practice of using the Chat Box to maintain the decorum of the classroom.

On behalf of Abhayapuri College

On behalf of E&ICT Academy, IIT Guwahati

Programme coordinator

Programme Co-coordinator

Dr. Santanu Konwar
Assistant Professor
Abhayapuri College

Head of Institution

Academic Chair/ Chief-Investigator,
E&ICT Academy, IIT Guwahat

Dr. Sadananda Nath
Principal
Abhayapuri College

Electronics & ICT Academy

Supported by Ministry of Electronics and Information Technology (MeitY), Govt. of India

Indian Institute of Technology Guwahati

Certificate of Appreciation



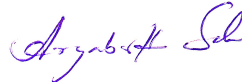
Awarded to

Dr. Santanu Konwar


Abhayapuri College

of

in recognition of your significant contribution towards the success of Two - weeks Online Joint Faculty Development Programme on “**Research Methodology**” jointly organised by Electronics and ICT Academies held from **18 - 29 April, 2022** under the “**Scheme of financial assistance for setting up of Electronics and ICT Academies**” of the **Ministry of Electronics and Information Technology (MeitY), Government of India**. This Faculty Development Programme is at par with other Quality Improvement Programmes*.



Principal Coordinator
IIT Guwahati
Assam



Joint Principal Coordinator and PI, E&ICT Academy
IIT Guwahati
Assam



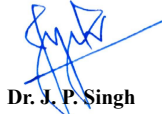
Dr. Ravi K. Maddila
Joint Principal Coordinator
MNIT Jaipur
Rajasthan



Dr. Bharat Gupta
Joint Principal Coordinator
NIT Patna
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Prof. Sanjeev Manhas
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Dr. J. P. Singh
Joint Principal Coordinator
NIT Patna
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Prof. Prabin Kumar Padhy
Joint Principal Coordinator
IITDM Jabalpur
Madhya Pradesh

* As per minutes of the 3rd PRSG.