

Selection and Mode of Payment

Selected candidates will be intimated through mail. They have to remit the necessary course fee to the Bank as per the details given below. Outstation participants requiring accommodation & boarding facilities have to pay Rs.4000/- in addition to the course fee.

Account Name	GIAN NITW
Account Number	62447453600
Bank	State Bank of Hyderabad
Branch	REC Warangal (NIT Campus)
Branch Code	20149
IFSC	SBHY0020149
MICR Code	506 004 011
SWIFT Code	SBHYINBB018

** Candidates registering early will be given preference in short listing process.*

For any queries regarding registration of the course, please contact the Coordinators:

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Patron

Prof. T. Srinivasa Rao, Director, NIT Warangal

Institute Coordinator for GIAN

Prof. CSRK. Prasad, NIT Warangal

About GIAN Courses

MHRD, Govt. of India has launched an innovative program titled 'Global Initiative of Academic Networks' (GIAN) in Higher Education, in order to garner the best international experience into our system. As a part of this, internationally renowned Academicians and Scientists are invited to augment the country's academic resources, accelerate the pace of quality reforms and elevate India's scientific and technological capacity to global excellence.

About NIT Warangal and Warangal

National Institute of Technology Warangal, formerly known as Regional Engineering College was established in 1959. Over the years it has developed into a premier institute of higher learning and is ranked among the top technical education institutions in India. There are 14 Departments offering eight undergraduate and 29 post-graduate programmes besides doctoral programmes. About 5000 students across the country and about 500 international students pursue their education in the campus. It is a fully residential campus sprawling over 250 acres with excellent infrastructure in the form of state of the art library, seminar halls, guest houses and laboratories.

Warangal is the second largest city of the new state of Telangana. It is situated at a distance of 140 km from the state capital Hyderabad (Nearest Airport). It is well connected by Rail (Kazipet Junction is two km away and Warangal Station is 12 km away) and by Road (NH 202). Warangal is renowned for its rich historical and cultural heritage. It was the seat of erstwhile Kakatiya dynasty. It is a place of tourist attraction with a number of historical monuments like Thousand Pillars Temple, Warangal Fort, Bhadrakali Temple, Ramappa Temple and Laknavaram Lake.



GIAN
GLOBAL INITIATIVE OF ACADEMIC NETWORKS

10 Day GIAN Course

on

**Designing and Developing
Flipped Classroom e-Learning Instruction
for Engineering and Science Education**

9th May - 18th May 2016

Call for Registration and Participation

International Faculty

Prof. Barry Sponder

*Professor of Instructional Technology &
Educational Leadership*

Central Connecticut State University USA

Local Coordinators

Prof. I. Ajit Kumar Reddy

Dr. K. Madhavi

Organized by

Centre for Educational Technology

National Institute of Technology

WARANGAL – 506 004

Telangana State, INDIA

Overview of the Course

Flipped classroom model of instruction is a learner-centered pedagogy that uses e-learning methods. Here, the standard lecture and homework elements are reversed. The instructional content is created by teachers and delivered electronically in various forms to students while class time is spent on problem solving and concept development through discussions. This helps students to develop higher order learning objectives.

In this course, the participants will learn to plan, design and develop student centric course material that facilitates e-learning. They would be trained to use modern e-learning tools, technologies and learning management systems through on-hand experiences. They will develop multimedia material and evaluate its efficacy and receive expert feedback.

Course Contents

- *Understanding the flipped classroom model of instruction
- *Principles of e-learning and their application to flipping instruction
- *Use of new interactive and collaborative tools to enhance student learning
- *Designing and developing e-learning materials through hands-on activities
- *Utilization of on-line resources in creating course materials and making them accessible using emerging technologies
- *Instructional delivery systems: Moodle and other Learning Management Systems
- *Creating e-learning material and testing their suitability and effectiveness



About Prof. Barry Spender

Barry Spender, Professor at *Central Connecticut State University*, is the International faculty and main resource

person for the course. He has been teaching educational technology and flipped instruction for over 35 years. He has over 60 publications and presentations in both national and international Journals and Conferences, related to the use of innovative techniques of educational technology in the classroom. He has authored books titled *Best Practices in Online Education* and *Thirty Years of Flipping Classroom Instruction*. He is the recipient of 'The Best Multimedia Product Award' from Apple Computer, the 'Christa McAuliffe Award in Educational Pioneering' and the 'Award for Outstanding Contributions to Graduate Education' from the University of Maryland.

Who Can Participate?

Registration is open to:

- Faculty members working in Engineering, Technology, Science, Arts, Education and Management disciplines in higher education institutions/ universities
- Persons from Training Organizations / Research & Development Organizations / Consultancy firms / Industries who are interested in practicing new training, teaching / learning techniques
- Students and Research Scholars aspiring to be in teaching or training profession.

How to Register?

Stage-1: Web (Portal) Registration:

Visit GIAN Website at the link:

<http://www.gian.iitkgp.ac.in/GREGN/index> and create login User ID and Password. Fill up the blank registration form and do web registration by paying **Rs 500/-** online through **Net Banking /Debit /Credit** card. This provides him/her with life time registration to enroll in any number of the GIAN courses offered.

Stage-2: Course Registration (Through GIAN Portal):

Log in to the GIAN portal with the user ID and password created. Click on '**Course Registration**' option given at the top of the registration form. Select the Course titled "**Designing and Developing Flipped Classroom, e-Learning Instruction For Engineering and Science Education**" from the list and click on '**Save**' option. Confirm your registration by Clicking on '**Confirm Course**'.

Registration fee

Faculty and Scientists	Rs. 4000/-
Participants from Industry/ Training Organizations / Consultancy firms	Rs. 8000/-
Students and Research Scholars	
• Without award of grade	Rs. 1000/-
• With award of grade	Rs. 2000/-
Student participants from abroad	USD 100
Other participants from abroad	USD 200

The registration fee includes instructional materials, tutorials, laboratory and computer use, free internet facility, working lunch, mid-sessions tea & snacks. Outstation participants will be provided accommodation and boarding in the Visitors Block/ Hostel in the campus on payment.