



## **Gujarat Tcehnological University**

**Organises**

**Workshop on Quality Research for Ph. D. and M. Tech. Students.**

**Monday, May 12-13, 2014 at GTU**

### **Objective**

The proposed workshop is focused for dissemination of state-of-the-art knowledge and capacity building of researchers for high quality work and publications during their Ph. D. and M. Tech. courses under GTU, Ahmadabad.

### **Who can attend the workshop?**

All students/faculties registered under Ph. D./ M. Tech. program of the GTU Ahmadabad are eligible for this workshop. The target group is expected to comprise of those researchers and faculty of Electrical and Computer Engineering, who have completed their course work and have geared for literature review/ actual laboratory level research work/ writing of review papers and/or original research papers for international journals of repute.

### **Abstract**

Several students get enrolled for Ph. D. and M. Tech. courses, which are entirely based on research work. Such courses require a focused researchers' mind and endeavors to enhance quality of such studies. The researchers do acquire partially state-of-the art knowledge from various e-resources, available online. However, what is missing in disguise is a planned synthesis of the accessed information and digestion of various facts available in the literature, which in general, is of high importance to develop a hypothesis before carrying out every research work, either analytical or experimental.

During the progress of the research work every researcher needs guidance for (i) how to select and write a research topic, (ii) how to carry out literature review effectively, (iii) how to develop the hypothesis of the research, (iv) how to write the introduction of the topic based on literature review and identify the challenges associated with the selected research topic, (v) how to group various literature data and develop a review paper with proper coherency, sequence and connectivity between various facts, (vi) how to select proper journal to enhance quality of the research work, (vii) how to select various characterization tools required for extensive investigation by the research work to ascertain a finding and (viii) how to critically process the relevant data and interpret various outcomes from the study after complete characterization.

With these view points, the present workshop is focused for advance training of the M. Tech. and Ph.D. students in the direction of shaping out correct approach for carrying out various aspects in a quality research work, as described above. The ultimate aim of this workshop is to enhance capacity of a researcher to produce a number of themes based on the research findings and convert them in the form of quality research papers for peer reviewed and international journals of repute up to patenting level at the global standards. Thus, the workshop would be a novel initiative of the Gujarat Technological University to add values and quality in future research works and the researchers.

### **Main Speakers:**

Eminent Academician and researchers

1. **Prof Arun Somani**, Associate Dean for Research, College of Engineering, Distinguish Professor of Electrical and Computer Engineering, Iowa State University, Ames, IA 50011, USA.
2. **Dr. Bhagwanjee Jha, Ph. D. (IITB)** Lecturer in Civil Engineering (SG) Dr. B.B.A. Govt. Polytechnic, Karad (DP), Dadra and Nagar Haveli-396240 Mobile: 9726080225 [Email-jha66b@yahoo.com](mailto:jha66b@yahoo.com)
3. **Dr. Trudeep Dave, Ph. D. (IITB)** Assistant Professor Department of Civil Engineering, SOT Pandit Deendayal Petroleum University Raisan, Gandhinagar 382009 Mob. +91-846-999-5681 email: [trudeep@gmail.com](mailto:trudeep@gmail.com)
4. **Dr K N Mistry, Dean, GTU and Principal, GIDC Degree Engineering College, Abrama, Navsari, dean\_be\_zone5@gtu.edu.in**

### **Tentative Program Schedule:**

<b>9:00 am</b>	<b>Registration &amp; Breakfast, Tea/coffee</b>
<b>10:00 am</b>	<b>Welcome address by Dr K.N.Mistry</b>
<b>10:15 am</b>	<b>Address about PG Program by Dr Rajul Gajjar.</b>
<b>10:30</b>	<b>Address by Hon. Vice Chancellor Dr. Akshai Aggarwal</b>
<b>11:00</b>	<b>Speaker 1</b>
<b>01:00 to 2:00 pm</b>	<b>Lunch Break</b>
<b>2:00 pm</b>	<b>Speaker 2</b>
<b>3:00 pm</b>	<b>Speaker 3</b>
<b>04:00 to 4:15 pm</b>	<b>Tea break</b>
<b>4:15 pm</b>	<b>Speaker 4</b>
<b>5:00 pm</b>	<b>Conclusion &amp; Valedictory Function.</b>

**Tuesday, 13<sup>th</sup> May 2014**

9:00 am one to one interaction with Prof Somani and Research Scholar and faculty of Electrical and Computer Engineering.

11:30 am Meeting of Prof. Somani with Dr Akshai Aggarwal, Hon'ble Vice Chancellor.

**Registration:**

[https://docs.google.com/a/gtu.edu.in/forms/d/1PUtdNCHwri1dvjF\\_pDzcMKGz14AO0vopzf4YwAZxRds/viewform](https://docs.google.com/a/gtu.edu.in/forms/d/1PUtdNCHwri1dvjF_pDzcMKGz14AO0vopzf4YwAZxRds/viewform)

**Last date of Registration: 8<sup>th</sup> May 2014.**

**Venue : Gujarat Technological University, Chandkheda Campus, Ahmedabad.**