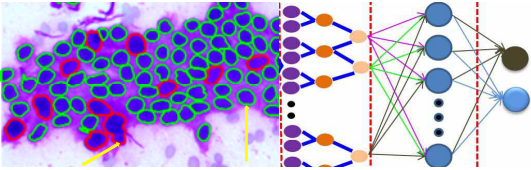


**AICTE-QIP SHORT TERM COURSE**

**BIOMEDICAL DATA ANALYTICS**

**(BioMeDicS-2017)**

**September 11-17, 2017**



*Continuing Education Programme  
IIT Kharagpur*

*Principal Coordinator*

**Dr. Chandan Chakraborty**



**School of Medical Science & Technology  
INDIAN INSTITUTE OF TECHNOLOGY  
Kharagpur – 721 302  
India**

## Course Overview

A 7-day short term course on Biomedical Data Analytics (**BioMeDicS-2017**) will be organized by IIT Kharagpur during September 11-17, 2017. The course will include experts cross-cutting the fields of medical science, statistical science, medical informatics as well as engineering to discuss innovative data analytics techniques to address problems in healthcare, public health, and everyday wellness, with clinical, physiological, imaging and omics data.

To keep pace with the latest global trends in biomedical research fields, **BioMeDicS-2017** would highlight the data analytics methods along with tutorials for interested group of faculties, scientists, engineers, biologists and medical professionals from various academic and R&D sectors. It will not only impart the analytical knowhow; but also would provide research exposures to those aspirants who are looking for initiating his/her research career in biomedical areas.

## Themes

- **Overview of data analytics in biomedical areas**
- **Biomedical Signal Processing**
- **Medical Imaging Visualization & Interpretation**
- **Biomedical Image Analysis**
- **Statistical Data Analytics**
- **Machine Learning Techniques**
- **Deep Learning for Biomedical Informatics**
- **Computational Systems Biology**
- **Point-of-Care Diagnostics**
- **Computer Aided Diagnosis**

### **IIT Kharagpur Campus:**

Kharagpur situated at a distance of 116 Km from Kolkata welcomes you with its longest railway platform in the world (1072.5 meter). The green and quiet, yet academically vibrant campus of IIT Kharagpur will surely charm you. IIT-KGP campus can be reached in about 2 hours by express trains from Howrah railway station of Kolkata or 3 hours by car from Kolkata Airport. Kharagpur is also connected by direct train services to most major cities of the country. The Institute is about 10 minutes drive (5 km) from the Kharagpur railway station. Private taxi, auto-rickshaw or cycle-rickshaw can be hired to reach the Institute.

## Registration Fees

- **AICTE College Teachers: FREE** (seat limited to 30)
- **Sponsored/R&D Organization: Rs. 10,000/-**
- **Self-sponsored Participants: Rs. 5000/-**

**Registration Deadline: 31<sup>st</sup> August 2017**

**For AICTE College Teachers:** TA (for shortest route, by maximum AC 3-tier) of each faculty will be reimbursed up to a fixed amount, to be decided by IIT Kharagpur on a later date. Relevant claim forms will have to be filled-up by the participant after completing the course. On campus accommodation, if available, will be provided to AICTE college faculty participants.

**For Non-AICTE Participants:** The fees do not include TA/DA/Accommodation for non-AICTE college participants. However, accommodation for these participants can be booked on payment basis based on availability. Such participants should inform their accommodation requirements immediately.

### Eligibility for Participation:

Faculty of AICTE Institutes are eligible to participate at FREE of cost. Other participants will have to pay the applicable fees (As seats are limited, the selection will be on first-come-first-serve basis).

### How to Apply:

- Fill-up the Registration Form
- If you are faculty of AICTE institution, the form must be forwarded by your Institute authority along with seal.
- If you not a participant from AICTE institution, course fees are to be paid in demand draft in favor of '**CEP-STC, IIT Kharagpur**', payable at **Kharagpur**.
- Send the soft copy of filled application and scan copy of bank transferred document (for the participants other than AICTE teachers) to the email: [biomedics17@gmail.com](mailto:biomedics17@gmail.com)
- Please send the hardcopy of all the documents (already sent by email) to the below addressee:

**Dr. Chandan Chakraborty**  
*Associate Professor*  
School of Medical Science & Technology  
Indian Institute of Technology  
Kharagpur -721302

**QIP SHORT TERM COURSE ON  
Biomedical Data Analytics (BioMeDicS 2017)  
September 11 to 17, 2017**

**Registration Form**

*Please complete the details below and mail it to  
the course coordinator along with the  
registration fee.*

1. Name:

\_\_\_\_\_

2. Designation:

\_\_\_\_\_

3. Sex (M/F): \_\_\_\_ Date of Birth: \_\_\_\_\_

4. Highest academic qualification: \_\_\_\_\_

5. Institution:

\_\_\_\_\_

6. Whether the Institution has AICTE approval:

Yes/No: \_\_\_\_\_

7. E-mail: \_\_\_\_\_

Phone: \_\_\_\_\_

**8. Details of bank draft:**

Amount: Rs \_\_\_\_\_

Draft No.: \_\_\_\_\_

Dated: \_\_\_\_\_

Issuing Bank: \_\_\_\_\_

9. Accommodation Required: **Yes/No:** \_\_\_\_\_

*Signature of the Applicant*

10. Recommendation & forwarding from the  
Institution to participate in this course:

*Signature & seal of the  
Head of the Institution*