

**National Workshop on
Statistical Data Analysis in
Healthcare (SDAH-15)**

Under TEQIP-II

30th – 31st October 2015

REGISTRATION FORM

Name:
Designation:
Organization:
Qualification:
Correspondence Address:
Tel. (O) (R)
(M)
Fax. No.
E-Mail:

Registration Fee Paid herewith in the form
of Cash/Cheque/DD

Amount
No.....Date
Name of the
Bank
.....

Date: Place:

Signature

Note:

- Cheque/DD should be in favour of Director,
National Institute of Technology Raipur,
payable at Raipur.
- Photocopies of registration form may be used.

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Dr. S. Tiwari, Director, NIT Raipur

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Coordinators

Dr. R.Periyasamy, Biomedical Engg. NIT Raipur

Dr. Saurabh Gupta, Biomedical Engg. NIT Raipur

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- Shri. Arindam Bit
- Mrs. Neelam Shobha Nirala
- Dr. Akalabya Bissoyi
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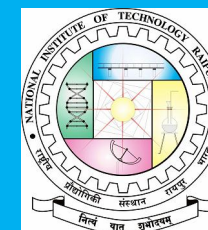
Address for Correspondence

Workshop Coordinator,
National Workshop on "Statistical Data Analysis in
Healthcare (SDAH-15)" Department of Biomedical
Engineering, NIT Raipur G.E. Road
Raipur-492010
Phone: 2254200 (O) Fax: (0771) 2254600
Mobile: 09179826937, 7389727963
Email: rperiya.bm@nitrr.ac.in
sgupta.bme@nitrr.ac.in
Website: www.nitrr.ac.in

**National Workshop
on
Statistical Data Analysis in
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**Organized by
Department of Biomedical Engineering**



**National Institute of Technology
Raipur-492 010 (Chhattisgarh)**

About Raipur

Raipur, capital of Chhattisgarh is a historical city of India. Energy Park, Gandhi Udyan, Purkhouti Mukangan, Burha Sarowar, Guru Ghasidas Museum, Nandanwan Zoo, Mahamaya Temple etc. are some of the interesting places to visit in Raipur. Raipur is a fast developing city and emerging as education hub of India. Many institutions like National Law University, AIIMS, IIM, Engineering and Medical College have been established here. Since, Chhattisgarh is rich in mineral, agriculture and forest, many public sector, private sector and multinational companies are situated around Raipur.

About NIT Raipur

NIT Raipur situated in the capital of Chhattisgarh was founded in 1956. Presently, the institute offers 12 undergraduate and 6 postgraduate courses & almost Ph.D in all disciplines.

About Biomedical Engineering Department

Started in 2003 the department offers undergraduate course in Biomedical Engineering and Ph.D. program. The department has well established laboratories.

Background of Workshop

The research interest among the students and faculties is increasing day by day. There is a need to do the research in a logical and systematic way. Statistical Data analysis finds its utility in science, engineering, management and healthcare fields. The rapid development of computing technology and analysis of large amount of data is possible with the availability of various statistical softwares. There are several issues like selection of appropriate technique, selection of right statistical software, interpretation of results etc. A significant emerging area of healthcare research activity involves statistical data analysis and modeling. It is powerful and versatile tool to explore the potentials of applied statistics for engineering and healthcare research.

Broad Objectives

- ✚ To give awareness regarding the conceptualizing various research processes.
- ✚ To make the participants familiar with foundations of data analysis, classification of data and important statistical parameters.
- ✚ To make the participants understand the application of statistical packages, statistical measures, regression, correlation, analysis of variance (ANOVA).

This workshop aims to emphasize techniques for statistical data analysis and its utility in engineering and healthcare research. One of the objectives of this workshop is to look at familiar topics from a fresh perspective. An advantage of this process is that it may foster new approaches in our interactions with colleagues of esteemed academicians and healthcare professionals involved in researches,

Focus Areas

- ❖ Research Methodology
- ❖ Basics of Data types
- ❖ Classification of Data
- ❖ Statistical Inferences
- ❖ Testing Hypothesis (parametric & non-parametric test)
- ❖ Comparison of different Statistical Models
- ❖ Application of Statistical packages
- ❖ Case studies

Venue: E-Hall, NIT Raipur (C.G)

Targeted Participants

- Academicians
- Scientists
- Industry Professionals
- Students and Research Scholars

Seats: 35 to 40 (First come first serve basis)

Experts

Resource Persons would be from NIMHANS, NITs, NIMS, TISS and other noted Premier Institutions.

Participation Certificate: The participants will be given a certificate of participation on completion of the workshop.

Registration Fee Details (in INR)

Participants	Before 29 th October, 2015
Students	500
Research Scholars	1000
Faculty	1500
Industry Delegates	2500

Applications in prescribed format with registration fee in the form of Demand Draft drawn in favour of **Director, NIT-Raipur** must reach the coordinator on or before 29th October, 2015.

Registration fee includes workshop materials, tea on event days.

Boarding, lodging and travel expenses will be borne and arranged by the participants.