

**NATIONAL WORKSHOP**

**ON**

**USE OF STATISTICAL METHODS IN BIOCHEMICAL AND  
SOCIAL SCIENCE ALONG WITH COMPUTER SOFTWARE**

**28<sup>th</sup> to 30<sup>th</sup> July, 2015**

**Organized by**

**Zoology Department**

**M C College, Barpeta**

**Barpeta – 781301, Assam, India**

## **AN INVITATION**

*A National workshop will be held at M C College, Barpeta, Assam from 28<sup>th</sup> to 30<sup>th</sup> July 2015. The focal theme of the workshop is USE OF STASTICAL METHODS IN BIOCHEMICAL AND SOCIAL SCIENCES ALONG WITH COMPUTER SOFTWARE. This event of the College shall also provide a platform to discuss various statistical issues and also the importance and utility of Geospatial techniques in wildlife conservation and management. All the students, Teachers and researchers from educational institutions and allied disciplines are cordially invited to participate in the workshop and make it a grand success.*

*Dr. Ranjit Hazarika*

*(Organizing Secretary)*

*HOD, Dept. Of Zoology*

*M C College, Barpeta*

*Dr. Prakash Sarma*

*(President)*

*Principal, M C College, Barpeta*

***Time: 9 AM TO 4.30 PM***

***Venue:***

*M C College, Barpeta*

*Dist. Barpeta, Assam, India, Pin-*

*Ph. 9954240171*

*Mailing address: rranjit96@rediffmail.com*

## ***THE FOCAL THEME***

*There are lots of complex issues to be known in statistics and also their uses in computer application for gaining new knowledge. One of the deepest concerns of the contemporary global community is the rapid changes in the undesired wildlife habited areas which have deeply affected the very fabric of human-environment relationship; hence in the present context wildlife conservation and management is prime concern.*

## ***COURSE CONTENT***

### ***Unit: I***

Questionnaires preparation and data collection

Use of geospatial techniques and its utility in conservation and management of wildlife.

*Use of geospatial techniques and its utility in conservation and management of wildlife. (Practical)*

### ***Unit: II***

*“Use of statistical software in censer research/health research”.*

*Data collection, entering into Excel/ SPSS, Measures of association (OR & RR), Univeriate sample, Bivariate sample, Concept of significance, test for proportion into  $X^2$  (chi square) test, Confidence interval, Correlation/ Regression/ P. value.*

*Terminology, Need of test, nonparametric test, primary data entry, tabulation, measures of central tendency, measures of dispersion, correlation and regression (linear and logistic).*

*(Practical)*

*Data analysis in SPSS- case study (practical)*

***Unit: III***

*Randomization- various methods, normal distribution, sampling distribution, sampling technique, hypothesis formulation and testing, test of significance, t-test, f- test, z- test, ANOVA, cluster analysis, factor analysis.*

*Live data clinic- case study (practical)*

*Feedback and Valedictory session.*

***The trainee who will select for the workshop should bring laptop (if possible) and pen drive to collect software materials***

***Resource Person of the Workshop***

DrKiranmay. Sarma, Associate Professor

University school of Environmental Management

Guru GobindSinghIndraprastha University

New Delhi

Dr D.J. Bhattacharya

Head and Associate Professor

Department of Statistics

Assam University

Dr U K De

HoD and professor

Department of Economics  
North Eastern Hill University  
Shillong.

Dr R K Phukan  
Scientist  
Indian Council of Medical Research  
Dibrugarh

Dr. Manjit Das  
Associate Professor  
Department of Economics  
Bodoland University

### ***ABOUT BARPETA***

*With the advent of Shrimanta Sankardeva Barpeta region turned into a place of great religious importance. Large numbers of Satras were established by the disciples of this great Vaishnava saint. Since time immemorial these Satras attracts large number of devotees from all over the state, particularly during festivals and anniversaries. Among the Satras that are regularly visited by outsiders are Barpeta, Patbaushi, Sundaridiya, Sunpura, Ganak Kuchi, Satra Kanara and Jania. Barpeta is the gateway to Manas National Park, one of the*

*largest forests of Assam and one of the few tiger reserves of India. It is 44 km away from Manas National Park.*

## **COMMUNICATION**

*Barpeta can be reached by Bus & Railways. The nearest Railway Station being Barpeta Road which lies at a distance of 21 K.M. from Barpeta Town. Barpeta Road is connected to all over Assam by National Highway No.31, North of the District Head quarter Town of Barpeta. Howly connects Barpeta with the National Highway which is about 16 K.M. There are regular bus services between Barpeta and Guwahati. Lokapriya Gopinath Bordoloi airport is the nearest airport situated in Borjhar of Gauwahati.*

## **THE COLLEGE AT A GLANCE**

*M C College, Barpeta is one of the premier institutions of higher education in the district of Barpeta, Assam. It is the third oldest college of the state. The College came into being on 1939 with the collective initiative of a few prominent personalities of the locality to provide educational opportunities to the aspiring youth of this economically backward area. The college has been accredited “B” Grade by NACC in 2015. Since its inception the college has been marching ahead with the objectives of “catering quality education, instilling moral and ethical values” among the rural masses and imparting Higher education in both Arts & Science stream at undergraduate level.*

## ***REGISTRATION FEE DETAILS***

- ***Students/ Research Scholars*** : ***Rs. 700.00***
- ***Other*** : ***Rs. 1000.00***
- ***Spot registration-Students/ Research Scholars*** : ***Rs.800.00***
- ***Spot registration– Others*** : ***Rs.1200.00***

## ***IMPORTANT DATES***

***Receive of application: 15/07/2015***

***Selection : 18/07/2015***

***Confirmation of participation: 21/07/2015***

***Last date of accommodation fee receive: 23/07/2015***

***All the Communication should be done with***

***DrRanjitHazarikaHoD  
And Associate Professor  
Zoology Department  
Barpeta-781301.***

***Pin-9954240171***

***Email-rranjit96@rediffmail.com.***

## ***REGISTRATION FEE***

*A signed copy of the application form should be sent by post or e-mail to the organizing secretary on or before July 15, 2015. The selected participants would be required to pay the registration fee. Registration fee should be sent only in the form of demand draft payable at SBI, Barpeta, M C College, Special fund. A/C no-11057342710 , on or before July 22, 2015.*

## ***ACCOMODATION***

*Accommodation will be arranged on request, subject to the availability of seats. Those requiring accommodation are requested to send the relevant information to the Organizing Secretary by paying an advance fee of Rs. 500.*



**REGISTRATION FORM**

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**(July 28-30, 2015)**

***PARTICIPANT (please fill with block letters)***

***Name***.....

***Qualification/Designation***.....

***Date of birth***.....

***Sex: M/F***..... ***Food habit: Veg / Non-veg***.....

***Corresponding Address***.....

.....

.....

.....***Pin***.....

***Mailing Address***.....

***Phone/ Contact no***.....

***Special Interest***.....

.....

*Experience.....*

.....

*Accommodation: Yes/No: Single/Double Seated  
bed.....*

*Date:*

*Signature of the Participant*

*Address for correspondence:*

*DrRanjitHazarikaHoD*

*And Associate Professor*

*Zoology Department*

*Barpeta-781301.*

*Pin-9954240171*

*Email-rranjit96@rediffmail.com.*