



**Department of Statistics,
Assam University, Silchar-788011**

**Report of the Three Day Workshop on Dimensions on Quality of Higher Education
and allied Quantitative Techniques**

November 26-28, 2015

The Department of Statistics, Assam University, Silchar organized a Three Day Workshop on **Dimensions on Quality of Higher Education and Allied Quantitative Techniques** from 26th to 28th November, 2015. The program was jointly conducted by the department and SQC & OR Unit, Indian Statistical Institute, Kolkata. The fund for conducting the event was provided by the Indian Statistical Institute. The Coordinators of the Workshop were Prof. Prasun Das from Indian Statistical Institute, Kolkata and Prof. Dibyojyoti Bhattacharjee, from the Department of Statistics, Assam University.

The workshop was planned to showcase the participants to know and exchange the views of academic experts about higher education, research and related issues. The best pedagogical practices in higher education and research were focal point of discussion in the workshop.

The participation to the workshop was open to faculty members of different Colleges, Universities and Institutes of Higher Education, IQAC Coordinators from colleges and research scholars. There were a total of 38 participants in the workshop the details of which can be seen in the table below.

Sl No	Name	Gender	Designation	Institute
1	Shambi Deb	Female	Guest Faculty	Assam University
2	Victoria Haobijam	Female	Research Scholar	Eco, Aus
3	Dipangshu Dev Chowdhury	Male	Research Scholar	Eco, Aus
4	Paramita Purkait	Female	Assistant Professor	Assam University
5	Deepjyoti Choudhury	Male	Assistant Professor	Assam University
6	Papia Das	Female	Research Scholar	LS, AUS
7	Sulata Kar	Female	Research Scholar	LS, AUS
8	Uma Das	Female	Research Scholar	LS, AUS
9	Ngasepam Romen Singh	Male	Research Scholar	LS, AUS
10	Zareen Mazumder	Female	Research Scholar	Assam University

Sl_No	Name	Gender	Designation	Institute
11	Tanusree Deb Roy	Female	Assistant Professor	Assam University
12	Debtosh Chakraborty	Male	Assistant Professor	S S College
13	Jonali Gogoi	Female	Assistant Professor	Assam University
14	Habibur Rahman Laskar	Male	Assistant Professor	Assam University
15	Nigamananda biswas	Male	Assistant Professor	Assam University
16	Manash Pratim Kashyap	Male	Assistant Professor	Assam Downtown University
17	Manish Pandey	Male	Guest Faculty	Cachar College
18	Subhajit Bhattacharjee	Male	Guest Faculty	Cachar College
19	Soumyadip Dutta	Male	Guest Faculty	NA
20	Debasish Bhattacharjee	Male	Research Scholar	LS, AUS
21	Sangeeta Goala	Female	Lab Assistant	Assam University
22	Pankaj Deb	Male	Assistant Professor	Karbi Anglong
23	Rekha Kalita	Female	Assistant Professor	Assam Downtown University
24	Khushbu Barbhuiya	Female	Research Scholar	Pol, AUS
25	Swagata Roy	Female	Research Scholar	Assam University
26	Promila Das	Female	Research Scholar	Assam University
27	Nirmal Debnath	Male	Assistant Professor	Hojai College
28	Naren Ch Boro	Male	Assistant Professor	Hojai College
29	Md. Shonahar Ali	Male	Faculty Associate	ICFAI, University
30	Rupjyoti Bordoloi	Male	Lecturer	Pragjotish College
31	Debotosh Chakroborty	Male	Assistant Professor	Assam University
32	Santanu Choudhury	Male	Assistant Professor	G C College
33	Susmita Paul	Female	Assistant Professor	Udarbond College
34	Mohit Garg	Male	Research Scholar	Central U of HP
35	Monalisa Das	Female	Research Scholar	Assam University
36	Ananda Chandra Ghosh	Male	Assistant Professor	Cachar College
37	Jayasree Sen	Female	Research Scholar	Assam University

Sl_No	Name	Gender	Designation	Institute
38	Muqutadir Hussain Barbhuiya	Male	Assistant Professor	A L C College
39	Md. Nazmul Islam Barbhuiya	Male	Assistant Professor	Assam University
40	Jayasree Chakrabarty	Female	Associate Professor	Cotton College

In addition to the amount provided by the Indian Statistical Institute, registration fee of Rs.500/- was charged from the local participants and Rs. 750/- from out station participants. The Out-stationed participants were provided with accommodation in hotels in Silchar town on twin sharing basis. Limited travel support i.e. Bus fare/Train (Sleeper Class) fare through shortest route was also reimbursed to the participants against submission of relevant documents. All the participants were also provided with workshop kit, light refreshments, working lunch during the workshop days and a certificate of program completion.

The inaugural session of the workshop started at 10 AM on 26th of November, 2015 with welcome address by the Dean, School of Physical Sciences, Assam University Prof. Bipul Shayam Purkayastha. After his welcome address all the external resource persons from ISI and IIT were felicitated. Prof. Prasun Das of ISI, Kolkata and Coordinator of the Workshop expressed the purpose of organizing the event in his speech that followed next. Next Vice Chancellor of Assam University, Prof. Somnath Das Gupta, and Prof. Prasun Das planted sapling in the tubs to commemorate the event. Then it was the turn of Honourable, Vice Chancellor of Assam University to deliver his speech where he appreciated the Department of Statistics for organizing such an wonderful event and thanked the Indian Statistical Institute to collaborate and sponsor the workshop with resource persons as well as financially. The inaugural program ended with Vote of thanks by Prof. Dibyojyoti Bhattacharjee, Head of the Department of Statistics.

The schedule of the academic sessions of the workshop was as follows:

Day	Session	Topic	Duration
26.11.15	1.	Inaugural Session	9.30 - 10.30
	2.	Principles of Survey Questionnaire Design (SM)	10.30 - 11.30
		High Tea Break	11.30 - 12.00
	3.	Higher Education in India: Issues, Concerns and Remedies (JB)	12.00 - 13.00
	4.	Skill Development and Higher Education- Key to Inclusive Growth (DK)	14.00 - 15.00
		Tea Break	15.00 - 15.30
	5.	Application of Quality Control in Higher Education(SDR)	15.30 - 16.30

27.11.15	1	Survey Sampling & Sample Size (PD)	10.30 - 11.45
		Tea Break	11.45-12.15
	2.	Concept of Variable and Likert's Scale (AG)	12.15 - 13.00
	3.	Categorical Data Analysis (ND)	14.00 – 15.00
		Tea Break	15.00 - 15.30
	4.	Non-parametric Tests for Categorical Data (AG)	15.30 – 16.30
28.11.15	1.	Sigma Metrics & Satisfaction Index (PD)	10.00 - 11.00
		Tea Break	11.00 - 11.30
	2.	Case Study (AUS Project & Others) - PD	11.30 – 13.00
	3.	Panel Discussion / Data Visualization (DJB)	14.00 – 15.00
		Tea Break	15.00 - 15.30
	4.	Valedictory & Certificate Distribution	15.30 – 16.30

SM- Dr. Srabanti Mukherjee, IIT-Kharagpur, JB- Prof. Joyati Bhattacharjee, Assam University
 DK- Dr. Debasis Kar, Director CDC, Assam University, SDR- Dr. Suprabir Dutta Roy, Controller
 of Examinations, AUS, PD- Prof. Prasun Das, Indian Statistical Institute, Kolkata, AG- Prof.
 Abhijit Gupta, Indian Statistical Institute, Kolkata, ND- Prof. Nandini Das, Indian Statistical
 Institute, Kolkata, DJB- Prof. Dibyojyoti Bhattacharjee, Assam University

The Valedictory & Certificate Distribution Session of the Workshop started at 3:30 PM on the 28th of November, 2015. Resource persons from the Indian Statistical Institute, both the coordinators of the workshop Prof. Prasun Das and Prof. Dibyojyoti Bhattacharjee, faculty members from Department of Statistics, Assam University, Silchar and the participants were present in the valedictory session. The session started with the distribution of certificates to the participants following which the participants also expressed their opinions in the valedictory session. They expressed that they could gain knowledge from the lectures of the speakers who delivered their lectures in the workshop. Prof. Prasun Das in his valedictory program expressed that the workshop as a zero defect program. Prof. Dibyojyoti Bhattacharjee, Head, Department of Statistics, Assam University, Silchar thanked everyone for participating and contributing towards the success of the event. All the Resource Persons of the workshop was also provided with a certificate and with humble honorarium.

Some Snapshots of the Workshop



Prof. Prasun Das delivering the inaugural speech



Group Photo following the Valedictory Session of the Workshop

Workshop on quality of higher education ends at Assam varsity

CORRESPONDENT

SILCHAR, Dec 3: A three-day workshop on 'Dimensions on Quality of Higher Education and Allied Quantitative Techniques' concluded recently at the Assam University, Silchar.

Organised jointly by SQC & OR Unit, Indian Statistical Institute, Kolkata, and Department of Statistics, Assam University, Silchar, there were eight resource persons. The participants in the workshop were from various parts of Northeast region and abroad. Dr Srabanti Mukhar-

jee from IIT, Kharagpur, delivered a special lecture on "Principles of Survey Questionnaire Design".

Prof Joyati Bhattacharjee, Dept of Political Science of the varsity, delivered a talk on "Higher Education in India". Dr Debasis Kar, Director, College Development Council, Assam University, delivered a lecture on "Skill Development and Higher Education – key to Inclusive Growth".

Further in the workshop, a talk on "Application of Quality Control in Higher Education" was delivered by Dr Suprabir Dutta Roy, Controller of

Examinations, Assam University, Silchar. Prof Prasun Das from ISI, Kolkata, delivered lectures on "Sigma Metric and Satisfaction Index", and also gave some guidelines on 'Survey Sampling and how to determine the Sample Size'.

Prof Abhijit Gupta from ISI, Kolkata, delivered talks on "Concept of Variable and Likert Scale" and "Non-Parametric Tests for Categorical Data". A talk on "Dynamic Graphics" was delivered by Prof Dibyojyoti Bhattacharjee, HoD Statistics, Assam University, and coordinator of the workshop.

Leading newspaper of the State- Assam Tribune reports the news of organizing the workshop
