

**Five Days
Online
Faculty Development Programme
On
Performance Benchmarking Using
Data Envelopment Analysis
(November 15-19,2021)**

Organized by



**Department of Business Administration
Assam University, Silchar
(A Central University)
Assam-788011**

About the Institution

Assam University, Silchar was established in 1994 as a Central University by an Act of Parliament, Assam (Central University) Act, 1989, enforced through notification of the Government of India. The University over the years has made impressive strides in establishing itself as a premier institution of learning in North-East India where emphasis persistently has been on the blending of quality education, socially relevant endeavors and scientific pursuits with mission-orientation and tireless striving for excellence. The sprawling University Campus is spread over an area of about 600 acres where 46 Post Graduate Departments under 16 schools of Studies and 6 interdisciplinary centers of the University function. There are two campuses of Assam University-the main campus at Silchar and the satellite campus at Diphu.

About the Department

Established in 1997, the Jawaharlal Nehru School of Management Studies, Assam University (JNSMS-AU) has consolidated its position over the years as one of the premier B-Schools in this country. During the three years 2013-15, JNSMS-AU has been accredited consecutively by national rating agencies as the Outstanding B-School in Eastern and Northeast India. The central focus in JNSMS-AU has been on developing in students a strong bond with their Indian roots while persistently inspiring and enabling these learners to acquire global vision and competency of a global scale. JNSMS offers at present (i) Full-time Master of Business Administration (MBA) programme (ii) Master of Business Administration in Hospitality & Tourism (MBA-HT) and (iii) Full Time Research Programme in Management leading to the Degree of Doctor of Philosophy (Ph.D)

About the FDP

Performance evaluation of entities- economic, social or others, is an essential ingredient of better decision making. As the core of performance evaluation efficiency analysis forms a crucial part, which helps the planners, researchers and other decision makers immensely. The techniques used to measure the efficiency are broadly categorized into parametric and non-parametric. In parametric method, an explicit functional form is specified for the frontier and the parameters are estimated econometrically using sample data for inputs and output. This implies that the accuracy of the derived estimates is sensitive to the functional form specified. Some of them are (a) econometric frontier approach; (b) thick frontier approach; and, (c) distribution free approach.

Each of these approaches involves arbitrary assumptions regarding the distribution of the noise and inefficiency components. The prime difficulty in using the econometric approach lies in separating the noise from the inefficiency. The chief advantage of the non-parametric method like mathematical programming approach is that it is parameter free and does not assume any functional form. Among the non-parametric techniques used to evaluate the performance Data Envelopment Analysis (DEA) is one of them. Considering the growing popularity of the state-of-the-art DEA as a technique for performance benchmarking, the Department of Business Administration is going to organize Five Days FDP on Performance Benchmarking using DEA from 15-19 November 2021

Objectives of FDP:

This Five days online FDP is conceived as a task oriented exercise platform where participants will learn from the expert the state of the art Data Envelopment Analysis (DEA). The resource person is highly reputed in this field with wide variety of knowledge on the application of this novel technique and with international exposure. The specific objectives are:

- to stress on the fundamentals of Data Envelopment Analysis;
- application of Data Envelopment Analysis and its advancements in various areas;
- to learn about the software supports available for Data Envelopment Analysis.

Outline of the FDP:

The FDP shall comprise of five courses spread over five days (from 5pm to 8 pm). Participants are to attend all the courses compulsorily to get the certificate at the end of the program. The course details are listed below:

- Course A: Basics of Effectiveness, Productivity and Efficiency
- Course B: Basics of Data Envelopment Analysis (DEA)
- Course C: Technical Efficiency Estimation: Theory and Practical
- Course D: Cost Efficiency Estimation
- Course E: Most Productive Scale Size

Organizing Committee:

Chief Patron

Prof. Dilip Chandra Nath
Vice Chancellor
Assam University, Silchar

Patron

Prof. Amrit Lal Ghosh
Dean, JNSMS

Organising Chairman

Prof. H Ramananda Singh
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Target Groups:

Researchers, Faculty members those who are in teaching of subjects like management, economics, commerce and statistics are likely to participate in the programme.

Number of participants is limited to 50.

Registration:

Mode: Online

Link:

https://docs.google.com/forms/d/e/1FAIpQLScHTOA-20O7Pvf1JmrZ_mDuohqblmcJlvXKHtYymVm8O4WJBg/vi/ewform?usp=sf_link

Registration Fee Particulars:

A registration fee of Rs. 2000/ only will be charged to all the participants.

The registration fee may be remitted Online through NEFT, Quick transfer, Gpay, PhonePe, Paytm, or any other UPI to the Bank account given below and upload the proof of remittance in the google form.

Online Transfer Details:

Account Name: Assam University Project A/C II

Bank Account Number: 20050110035450

IFSC code: UCBA0002005

Bank Name: UCO Bank

Branch: Assam University, Silchar

Branch Code: 002005

The last date for the receipt of application/registration form along with registration fee is 05-11-2021

For any query, you may contact convener/ joint Convener