

# INTERNATIONAL WEBINAR ON

## RECENT ADVANCES OF OPERATIONS RESEARCH IN NATURAL AND SOCIAL SCIENCES



DATE 18-09-2020 TIME 08-30 AM Organized by

DEPARTMENT OF MATHEMATICS & IQAC, LANKA MAHAVIDYALAYA, LANKA, HOJAI, ASSAM, INDIA

(www.lankamahavidyalaya.in)

In collaboration with

DEPARTMENT OF MATHEMATICS, ASSAM UNIVERSITY, SILCHAR, (AUS), ASSAM, INDIA (www.aus.ac.in)



Chairperson & Inaugurator
Dr. Amarjit Singh Bhui
Principal, Lanka Mahavidyalaya
Lanka: Hojai: Assam



Patron
Prof. K. Dutta Choudhury
Head of the Dept., Mathematics,
Assam University, Silchar

### RESOURCE PERSONS



Prof. Sudipta Sarangi Head of the Dept., Economics Virginia Tech, USA



**PLATFORM** 

Prof. Surajit Borkotokey
Department of Mathematics
Dibrugarh University, Dibrugarh, India

#### COORDINATORS



Dr. Lukendra Kakati HOD, Mathematics & Coordinator, IQAC, Lanka Mahavidyalaya



Dr. Nabendu Sen
Asstt. Professor of Mathematics
(Stage-III)
Assam University, Silchar

#### TECHNICAL COORDINATORS



**Dr. Sumit Saha**Asstt. Professor of Mathematics
Assam University, Silchar



Sri Hemanta Bora Asstt. Professor, IT Lanka Mahavidyalaya

#### **About the College:**

Lanka Mahavidyalaya was established on 20th July, 1979 in the Northern outskirt of Lanka Town under Hojai District of Assam, at a distance of about 180 KM from Guwahati, the capital city of Assam, India. The site where the College stands today spread over an area of 17 Acres amid green Campus on the bank of a big pond covering an area of about 9 Acres.

Lanka Mahavidyalaya is an affiliating College under Gauhati University, India, having two Streams, Arts and Commerce, accredited by National Assessment & Accreditation Council (NAAC), Bengaluru, India for the First Cycle in February, 2005 with "B" Grade and for Second Cycle in November, 2015 with 'B' Grade with CGPA of 2.62. The College has at present about 2000 students.

#### **About Department of Mathematics, Assam University:**

Assam University came into existence through Assam (Central) University Act, 1989. Department of Mathematics started functioning in the year 1994 and offers M.Sc., M.Phil. and PhD programmes in Mathematics. The Department apart from teaching and research, offers activities like organising seminars, conferences, workshops, Refresher Course, Winter Schools programmes etc. for serving of teachers and students. The Departmental Library and Laboratory are sponsored by the National Board for Higher Mathematics (DAE), Mumbai, India and by DST (FIST) & UGC (SAP), India. The academic programmes are managed by a competent core faculty and backed by updated syllabi and computer laboratory.

#### About the Webinar:

Operations research (OR) is a discipline that deals with the application of advanced analytical methods to help make better decisions and it encompasses the development and the use of a wide range of problem-solving techniques and methods applied in the pursuit of improved decision-making and efficiency, such as Simulation, Mathematical Optimization, Queuing theory, Game theory and other Stochastic-process models. So,this Webinar is going to be organized with an objective to make a wide circulation and discussion among educationist, young researchers & students about the recent development of this one of the most important scientific tools in the field of Natural and Social Sciences.

#### Resource Persons:

- 1. Keynote Speaker: Prof. Karabi Dutta Choudhury, Assam University, Silchar, India
- 2. Prof. Sudipta Sarangi, Head of the Dept., Economics, Virginia Tech, USA
- 3. Prof. Surajit Borkotokey, Dibrugarh University, Dibrugarh, India
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Member: All the Faculty Members of Department of Mathematics, Assam University, Silchar & Lanka Mahavidyalaya and Members of IQAC, Lanka Mahavidyalaya, Lanka, Assam, India.

(\*\*\*Zoom Meeting ID & Pass Word will be shared in Webinar Whatsapp Group and E- certificate will be provided to every participants on submission of Online Feedback, available on Chatbox of Zoom Meeting)