## 2<sup>nd</sup> International Conference on Mathematical Modeling and Computational Methods in Science and Engineering (ICMMCMSE-2020)

## 22.01.2020 to 24.01.2020

The 2<sup>nd</sup> International Conference on Mathematical Modelling and Computational Methods in Science and Engineering (ICMMCMSE-2020) was held at Alagappa University under the auspices of the School of Mathematics and the Department of Mathematics from 22<sup>nd</sup> to 24<sup>th</sup> January, 2020.

Presiding over the inaugural function Prof. N. Rajendran, Vice-Chancellor, said that Mathematics plays a crucial role in almost all scientific and other researches and hence a mastery over mathematics has become essential for researchers in all fields. In recent years computational mathematics and mathematical modelling are contributing enormously to multidisciplinary research and they are intrinsically connected with researches in business, economics, engineering, medicine and social sciences. He added that mathematical modelling has significantly contributed to medical research; and biomedical modelling has helped to investigate viral infection all along and today it has helped to recognise corona virus which is said to be highly hazardous to human life. He said that the gathering of experts in various fields of mathematics from abroad has paved way for signing of MoUs for collaborative research at Alagappa University.

A souvenir containing abstracts of research papers was released by the Vice-Chancellor and the copies were received by the distinguished guests. In all 315 papers were presented in 13 technical sessions conducted on all the three days of the conference. Of these 40 papers were presented by scholars from abroad.

Prof. Martin Bohner, Missouri University of Science and Technology, USA, Prof. Dumitru Baleanu, Cankaya University, Turkey, Prof. Valentina Emilia Balas, Aurel Vlaicu University of Arad, Romania, Prof. Poom Kumam, King Mongkut's University of Technology, Thailand, Prof. Chee-Peng Lim, Deakin University, Australia, Prof. Fathalla A. Rihan, United Arab Emirates University, UAE and Prof. Ovidiu Bagdasar, University of Derby, England delivered invited lectures.

Distinguished Indian Mathematicians Prof. Natesan Srinivasan, IIT, Guwahati, Prof. Paramasivan Arumugam, IIT, Roorkee, Prof. Muslim Malik, IIT, Mandi, Prof. E. Natrajan, Indian Institute of Space Science and Technology, Trivanduram and Dr. Izhar Uddin, Jamia Millia Islamia, Delhi were the other star speakers at the conference.

Earlier, Dr. N. Anbazhagan, Professor and Head, Department of Mathematics, Alagappa University, in his welcome address, referred to the objectives of the conference. The main aim is to provide a forum for researchers and experts from Mathematics background in science and engineering to exchange recent trends in this field and to expose

the scholars here to innovative and interdisciplinary research, he added. Dr. R. Raja, Convener of the conference, proposed a vote of thanks.



Publishing of 2<sup>nd</sup> ICMMCMSE-2020 Conference booklet





**Prof. Dr. Martin Bohner**Missouri University of Science & Technology, USA

**Delivered Keynote Address** 

**Prof. Dr. Dumitru Baleanu**Cankaya University, Turkey
Delivered Keynote Address



ILABAPA LATVESATY

**Prof. Valentina Emilia Balas**Aurel Vlaicu University of Arad, Romania
Delivered Keynote Address

**Prof. Dr. Chee Peng Lim**Deakin University, Australia
Delivered Invited Talk



ALAGAPPA UNIVERSITY

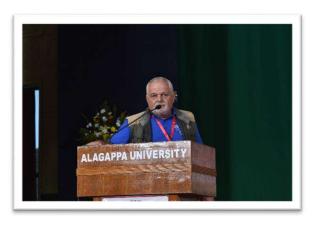
Prof. Dr. Poom Kumam
King Mongkut's University, Thailand
Delivered Keynote Address

Prof. Dr. Fathella A. Rihan

UAE University, UAE

Delivered Invited Talk





**Prof. Dr. Ovidiu Bagdasar** University of Derby, United Kingdom Delivered Invited Talk

**Prof. Dr. Dorin Andrica**Babes Bolyai University, Romania
Delivered Invited Talk



Prof. Dr. E. Natarajan

Indian Institute of Space Science & Technology
Thiruvananthapuram, Kerala
Delivered Invited Talk



Prof. Dr. N. Srinivasan

Indian Institute of Technology Guwahati, Guwahati
Delivered Invited Talk



Prof. Dr. P. Arumugam

Indian Institute of Technology Roorkee, Rourkela, Odissa Delivered Invited Talk



**Prof. Muslim Malik** 

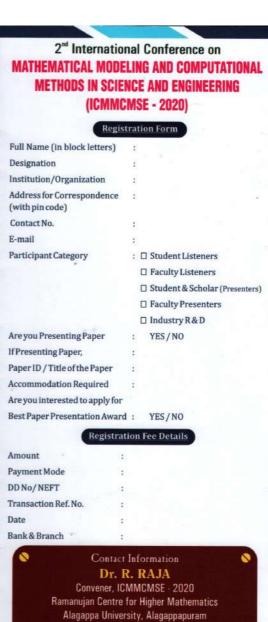
Indian Institute of Technology Mandi, Mandi Delivered Invited Talk





Participants from 9 various countries (Thailand, Turkey, Romania, Philippines, Indonesia, Saudi Arabia, Australia, United Kingdom, Nigeria) for 2<sup>nd</sup> ICMMCMSE-2020





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