



Since 1881

22nd FAI International Conference
ICMCIE 2020

*Mathematical, Computational Intelligence and
Engineering Approaches to Healthcare, Business
and Tourism Analytics 2020*

20, 21 & 22 December 2020

Sunday, Monday & Tuesday



Program Schedule

(As per Indian Standard Time)

Jointly organized by

The American College (Autonomous)

Madurai, Tamil Nadu, India

&

FATER Academy of India

Inaugural Program

20
DEC
2020

(3:15 PM)

ZOOM PLATFORM WINDOW OPEN

(3.30 PM)

WELCOME AND INTRODUCTION OF DIGNITARIES

Dr. A. Amutha, Organising Secretary-22nd FAI-ICMCIE 2020
The American College, Madurai, Tamil Nadu, India

(3.35 PM)

PRAYER

Dr. B. Johnson, PG & Research Department of Mathematics, The American College, Madurai, Tamil Nadu, India

(3.40 PM)

LIGHTING THE LAMP (Chief Guest & Dignitaries)

Under the direction of **Rajkrishna Mondal**, IT Advisory Committee member

(3.45 PM)

ABOUT THE 22ND FAI-ICMCIE 2020

Dr. C. C. Tan, Vice President (FAI), School of Management, Mae Fah Luang University, Thailand

(3.50 PM)

ABOUT THE THEME OF THE CONFERENCE

Prof. M. Lellis Thivagar, Vice President (FAI), Professor & Head, School of Mathematics, Madurai Kamaraj University, Madurai, Tamil Nadu, India

(3.55 PM)

FAI ANNUAL REPORT 2019-20 & PUBLICATION COLLABORATIONS WITH SPRINGER

Prof. Pankaj Srivastava, General Secretary (FAI), Professor, National Institute of Technology Allahabad, Prayagraj, India

***AS PER INDIAN STANDARD TIME**

Inaugural Program

20
DEC
2020

(4.00 PM)

ADDRESS BY PATRONS AND CONVENERS

(2 MINUTES EACH)

1. **Maj. Gen. (Retd.), Dr. M.P. Singh**, Vice President, FAI
2. **Prof. Nina Poyda Nosyk**, FAI Executive Member, Uzhhorod National University, Ukraine
3. **Prof. Zinaida Zhyvko**, Department of Management, Lviv State University of Internal Affairs, Ukraine
4. **Dr. F. Müge Sakar**, Dicle University, Faculty of Management and Economics, Department of Business Administration, Diyarbakır, Turkey
5. **Prof. N. Anbazhagan**, Department of Mathematics, Alagappa University, Karaikudi, Tamil Nadu, India

(4.15 PM)

ADDRESS OF GUEST OF HONOR

Prof. B.S. Bisht, President- FATER Academy of India & Former Vice Chancellor- G.B. Pant University, Pantnagar, Uttarakhand, India

(4.20 PM)

ADDRESS OF GUEST OF HONOR

Dr. M. Davamani Christober, Principal & Secretary, The American College, Madurai, Tamil Nadu, India

(4.25 PM)

RELEASE OF CONFERENCE PROCEEDINGS

(4.30 PM)

ADDRESS BY CHIEF GUEST

Prof. S.B. Nimse, (Former President Indian Science Congress 2015) Former Vice Chancellor Lucknow University, Lucknow & S.R.T. University, Nanded, India

(4.40 PM)

VOTE OF THANKS

Prof, Raghu Raman, ICT, Oman

Day 1 (20 December 2020)

Time	Resource Person	Chairperson
4:45 PM To 5:05 PM	Dr. Georgia Oros Department of Computer Science & Mathematics, University of Oradea, Romania	Prof. M. Lellis Thivagar Vice – President (FAI), Professor & Head, School of Mathematics, Madurai Kamaraj University, Madurai, Tamil Nadu, India
5:05 PM To 5:25 PM	Prof. Maria Emilia Camargo Graduate Program in Production Engineering (PPGEP) and Business Administration (PPGA) University of Caxias do Sul, Brazil	Prof. P.K. Srivastava Former President- FAI
5:25 PM To 5:45 PM	Dr. Mateus Panizzon Graduate Program in Production Engineering (PPGEP) and Business Administration (PPGA) University of Caxias do Sul, Brazil	Prof. C.C. Tan Vice President -FAI, School of Management, Mae Fah Luang University, Thailand
5:45 PM To 6:05 PM	Dr. Xavier Chelladurai Director of Human Resource Development Centre, Professor, Computer Science and Engineering, Christ University, Bangalore	Prof. B.S. Bisht President- FATER Academy of India Former Vice Chancellor- G.B. Pant University, Pantnagar, Uttarakhand, India
6:05 PM To 6:25 PM	Dr. Angela Isabel dos Santos Dullis Department of Statistics Federal University of Santa Maria, Rio Grande do Sul, Brazil	Prof. Nina Poyda Nosyk Uzhhorod National University, Ukraine
6:25 PM To 6:45 PM	Dr. Liliana Guran Department of Pharmaceutical Sc., Western University of Arad, Romania	Prof. Pankaj Srivastava General Secretary-FAI Professor, National Institute of Technology Allahabad, India



Day 1 (20 December 2020)

PAPER PRESENTATION (Chairperson)*

	Session 1	Session 2	Session 3
6:50 PM To 7:50 PM	Dr. G. Mahadevan Department of Mathematics, Gandhigram Rural University, Dindigul, Tamil Nadu, India	Dr. S. Pious Missier Don Bosco College of Arts and Science, Tuticorin-628008, Tamil Nadu, India	Dr. KS Joseph Wilson PG & Research Department of Physics, Arul Anandar College, Madurai, Tamil Nadu, India

*List of Paper presenters is available on conference website

End of the 1st day program

Remark by

Prof. N. Anbazhagan

Department of Mathematics
Alagappa University, Karaikudi, Tamil Nadu, India
&

Dr. Meenakshi Srivastava

Assistant Professor,
Amity Institute of Information Technology,
Amity University, Lucknow, India



Day 2 (21 December 2020)

Time	Resource Person	Chairperson
2:00 PM To 2:05 PM	Announcement by Dr. S. Stalin Kumar Assistant professor PG & Research Department of Mathematics The American College, Madurai, Tamil Nadu, India	
INVITED TALKS		
2:05 PM To 2:15 PM	Prof. Nina Poyda Nosyk Uzhhorod National University, Ukraine	Prof. Zinaida Zhyvko, Department of Management, Lviv State University of Internal Affairs, Ukraine
2:15 PM To 2:25 PM	Prof. Vichian Laohakosol Department of Mathematics, Kasetsart University, Bangkok 10900, Thailand	Dr. P.G. Patil Professor Department of Mathematics Karnatak University, Dharwad, Karnataka, India
2:25 PM To 2:45 PM	Dr. Ali Akgül Associate Professor, Siirt Univ., Art and Sc. Faculty, Dept of Math., 56100 Siirt, Turkey	Dr. Liliana Guran Department of Pharmaceutical Sc., Western University of Arad, Romania
2:45 PM To 3:05 PM	Dr. Monica Felicia Bota Department of Mathematics, Babes-Bolyai University of Cluj Napoca, Romania	Dr. M. Davamani Christofer Principal & Secretary, The American College, Madurai, Tamil Nadu, India
3:05 PM To 3:25 PM	Prof. Pankaj Mathur Department of Mathematics, Lucknow University, Lucknow, India	Prof. N. Anbazhagan Department of Mathematics, Alagappa University, Karaikudi, Tamil Nadu, India

Day 2 (21 December 2020)

PAPER PRESENTATION(Chairperson)*

3:30 PM To 4:30 PM	Session 1	Session 2	Session 3
	Dr. Meenakshi Srivastava Assistant Professor, Amity Institute of Information Technology, Amity University, Lucknow, India	Dr. Sunil Dutt Purohit Secretary, FAI Rajasthan Chapter, Associate Professor of Mathematics, Dept. of HEAS (Mathematics), Rajasthan Technical University, Kota-324010, India	Dr. S. Amutha Assistant Professor, Ramanujan Centre for Higher Mathematics, Alagappa University, Karaikudi, India
4:30 PM To 5:30 PM	Session 4	Session 5	Session 6
	Dr. Brajesh Kumar Jha Secretary, FAI Gujarat Chapter, Assistant Professor (Maths), School of Technology, Pandit Deendayal Petroleum University, Raisen Village, Gandhinagar, Gujarat	Dr. Utpal Kumar Saha Assistant Professor, Basic & Applied Science, NIT Arunachal Pradesh	Dr. Mahadevan Chandramouleeswaran Sri Ramanas College of Arts and Science for Women Aruppukottai

*List of Paper presenters is available on conference website

End of the 2nd day program

Remark by

Dr. Meenakshi Srivastava

Assistant Professor,
Amity Institute of Information Technology,
Amity University, Lucknow, India

Day 3 (22 December 2020)

2:00 PM To 2:05 PM	<p>Announcement by Dr. S. Stalin Kumar Assistant professor , PG & Research Department of Mathematics, The American College, Madurai.</p>
2:05 PM To 2:10 PM	<p>Interesting Facts about The Legend Srinivasa Ramanujan Dr. Wilfred Samuel Raj Assistant professor, PG & Research Department of Mathematics The American College, Madurai, India</p>
2:10 PM To 2:15 PM	<p>About the American College, Madurai video clip</p>

INVITED TALKS

Time	Resource Person	Chairperson
2:15 PM To 2:35 PM	<p>Prof. Chernenko Nataliia Bohdan Khmelnytsky National University of Cherkasy, Department of Anatomy, Physiology and Physical Rehabilitation</p>	<p>Prof. B.S. Bisht President- FATER Academy of India, Former Vice Chancellor- G.B. Pant University, Pantnagar, Uttarakhand, India</p>
2:35 PM To 2:55 PM	<p>Prof. S.S. Thakur Former Principal, Jabalpur Engineering College, Jabalpur, MP, India</p>	<p>Dr. P.G. Patil Professor Department of Mathematics Karnatak University, Dharwad, Karnataka, India</p>
2:55 PM To 3:15 PM	<p>Prof. C. C. Tan School of Management, Mai Fah Luang University, Chiang Rai, Thailand</p>	<p>It. Gen. (Retd) Mr. Abhay Parnaik Pune, Maharashtra, India</p>
3:15 PM To 3:35 PM	<p>Dr. Cheng Boon Liat Alex, Department of Marketing Management, Sunway University Business School, Jalan University, Bandar Sunway, Malaysian</p>	<p>Prof. C. C. Tan School of Management, Mai Fah Luang University, Chiang Rai, Thailand</p>



Day 3 (22 December 2020)

3:35 PM To 3:55 PM	Maj. Gen. (Retd.) Dr. M.P. Singh Vice President, FAI	Brig. Praveen Kumar Srivastava Member-FAI Executive council
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VALEDICTORY Function

4:00 PM To 5:00 PM	<ul style="list-style-type: none"> • (4:00PM-4:05PM) Welcome Address by Dr. B. Johnson • (4:05PM-4:15PM) <div style="text-align: center;"> Review of the Program by organizing Secretaries (2 minutes each) </div> <div style="text-align: center;"> Dr. Meenakshi Srivastava Dr. Yannakorn Toprayoon Dr. Utpal Kumar Saha Dr. Sunil Dutt Purohit Dr. Brajesh Kumar Jha </div> • (4:15PM-4:20PM) Report of 22nd FAI ICMCIE 2020 by Dr. A. Amutha, Organising Secretary. • (4:20PM-4:22PM) About the forthcoming Conference (General Secretary FAI) • (4:20PM-4:27PM) Guest of Honour (Retd. Gen. M.P. Singh) • (4:27PM-4:32PM) Chief Guest address (Prof. C.C. Tan) • (4:32PM-4:37PM) Presidential Remark (Prof. B. S Bisht) • (4:37PM-4:40PM) Vote of Thanks (Dr. D. Lourdhu Immaculate)
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PAPER PRESENTATION (Chairperson)*

	Session 1	Session 2	Session 3
4:45 PM To 7:00 PM	Dr. Britto Head, Department of Mathematics Sacred Heart College, Tirupattur, Tamil Nadu, India	Dr. Suganda Ramamurthi Associate Professor, Department of Economics, Lady Doak College, Madurai, Tamil Nadu, India	Prof. Raj Raddy Head, Department of Mathematics and Humanities', Mahatma Gandhi Institute of Technology, Hyderabad, India



Day 3 (22 December 2020)

	Session 4	Session 5
	Dr. A. Amutha Assistant Professor, PG & Research Department of Mathematics, The American College, Madurai, Tamil Nadu, India	Dr. D. Lourdhu Immaculate Assistant Professor, PG & Research Department of Mathematics, The American College, Madurai, Tamil Nadu, India

*List of Paper presenters is available on conference website

