



INTERNATIONAL CONFERENCE ON MATHEMATICAL MODELLING AND COMPUTATIONAL INTELLIGENCE TECHNIQUES

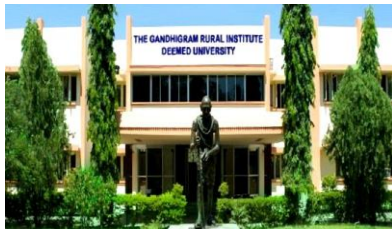
(ICMMCIT-2021)

10th – 12th FEB. 2021



Organized by

**Department of Mathematics,
The Gandhigram Rural Institute
(Deemed to be University)
(Ministry of Education,
Govt. of India)
Gandhigram – 624 302, Dindigul,
Tamil Nadu, India.**



About the University

The Gandhigram Rural Institute (GRI), founded by two dedicated disciples and contemporaries of Mahatma Gandhi, Dr. G. Ramachandran and Dr. T. S. Soundaram Ramachandran, has as its foundation Mahatma Gandhiji's revolutionary philosophy of Nai Talim, which effectively bridges the cognitive and practical dimensions, and focuses on the holistic development of learners, with an emphasis on skill development through value-based education, rooted in indigenous cultures and traditions. Since its establishment in 1956, GRI has been unstintingly contributing to higher education and has

successfully pioneered rural higher education.

The curricular model developed at GRI organically integrating teaching, research and extension has earned the Institute, the status of Deemed University in 1976 by UGC, the five-star status by NAAC in 2002, 'A' Grade during the re-accreditation in 2010 by NAAC and 'A' Grade in its third cycle of reaccreditation in the year 2016.

About the Department

The Department of Mathematics was established in the year 1965 at The Gandhigram Rural Institute (Deemed to be University), Tamil Nadu. To compete with International Standards, Research on Stability Problems of Dynamical Systems including Neural Networks and Intelligent Systems, Fractal Theory and its applications, Fuzzy Clustering in Medical Images, Optimization in Marketing related problems, Control theory, Graph theory and Algebraic graph theory are being carried out and the results are published as articles in Internationally refereed journals. The Department has published more than 500 research articles in the SCI journals with SCOPUS citations more than 6170. Funding for research and development is provided by UGC, NBHM, CSIR and DST – SERB continuously for the past 16 years to the faculty members. As a result of consistent performance in research, the Department is recently upgraded with UGC - SAP (DSA-I). International level research collaborations are being undertaken with Deakin University, Australia, Institute of Mathematical Sciences, University of Malaya, Malaysia, Nanyang Technological University, Singapore, Yonsei University, South Korea, United Arab Emirates University, UAE, University of Texas at Arlington, Texas, USA, Pusan/ Kunsan National Universities, South Korea.

The Department successfully conducted six International Conferences up to 2020 and proceedings of CCIS volume 140 & 283 were published respectively in the year 2011 & 2012 in Springer-Verlag. Recently, proceedings of ICDCM-2017 were

published in Global Journal of Pure and Applied Mathematics volume 13, number 5, 2017. We have conducted one international workshop and international conference in 2018, 2019 & 2020 and the papers are appearing in the Journal of Analysis, Springer & International Journal of Dynamical Systems & Differential Equations.

Objectives of ICMMCIT-2021

The International Conference on Mathematical Modelling and Computational Intelligence Techniques (ICMMCIT-2021) will be held in GRI, Gandhigram, Tamil Nadu, India during February 10-12, 2021. The conference looks for significant contributions to all major fields of Mathematical Modelling and Computational Intelligence techniques. It is a prestigious event organized with a motivation to provide an excellent international platform for the leading academicians, research scholars, industrial participants and budding students around the world to share their research findings with the global experts. We hope that ICMMCIT-2021 outcome will lead to significant contributions to the knowledge base in these up-to-date scientific fields in scope.

Call for papers

The authors are requested to submit their original research papers through online submission in ISI/SCI Journals by register themselves after notification. Papers will be accepted only after thorough scrutiny and three peer reviews. Publication will be processed as per rules and regulation of the ISI/SCI Journals.

We solicit high-quality original research papers in any aspect of dynamical systems, mathematical modelling and new computational techniques with applications are especially encouraged. Relevant topics include but are not limited to:

- Differential Equations and Dynamical Systems
- Functional Equations
- Fixed Point Theory
- Operator Theory
- Control Theory
- Fuzzy Set Theory
- Stability Analysis
- Optimization Techniques

- Neural Networks
- Graph Theory
- Coding Theory

Important Dates

Paper submission
dead line : 25.12.2020

Final Paper submission
&
Registration dead
line : 26.01.2021

Conference Date : 10th -12th
Feb. 2021.

Notification of Acceptance will be
declared after completion of three
peer reviews.

Registration Fee

For Indian Delegates

Industry/R&D : Rs. 2,000
Academia/Part Time
Ph.D Scholar : Rs. 1,500
Full Time Ph.D
Scholar/Student : Rs. 1,000

For Delegates from abroad

Industry/R&D : 100 USD
Academia/Part Time
Ph.D Scholar : 75 USD
Full Time Ph.D
Scholar/Students : 40 USD

The registration fee shall be paid in
either form of a D.D. drawn in
favour of The Registrar, GRI-
DTBU, payable at Canara Bank,
Gandhigram Rural University
Gandhigram (Branch code: 8500),
Gandhigram-624302, Dindigul
(DT), Tamilnadu, India or through
Internet Banking as per guidelines
given in Conference Website:
[https://sites.google.com/view/icmm
cit-2021/home](https://sites.google.com/view/icmmcit-2021/home)

Publication

Only original research papers will
be accepted for presentation and
processed for review towards
publication.

Accommodation

Limited number of accommodation
for the participants will be arranged
in University Faculty Guest House
on request made well in advance on
payment.

Probable invited Speakers

- Dr. C.P.Lim,
Deakin University, Australia.
- Dr. Ong Seng Huat,
UCSI University, Malaysia.

- Dr. Raju K. George,
IIST – ISRO, Trivandrum.
- Dr. Kurunathan Ratnavelu,
UCSI University, Malaysia.
- Dr. P. Raveendran,
UCSI University, Malaysia.
- Dr. W.A.M. Othman,
University of Malaya,
Malaysia.
- Dr. Griengrai Rajchakit,
Maejo University, Thailand.
- Dr. Meng Joo,
Dalian Maritime University,
China.
- Dr. S.S.N. Perera
Univ. of Colombo, Srilanka.
- Dr. A.K. Nandakumaran,
IIS, Bangalore.
- Dr. K. Balachandran (Rtd.),
Bharathiyar University,
Coimbatore.
- Dr. N. Sukavanam,
IIT – Roorkee.
- Dr. R. Balasubramanian,
IIT – Roorkee.
- Dr. F. A. Rihan, UAE.
- Dr. Kim, Hyun-Min,
Pusan National University,
South Korea.
- Dr. Chee Seng Chan,
University of Malaya,
Malaysia.
- Dr. Chee Pin Tan,
Monash University,
Malaysia.
- Dr. P. Kandaswamy (Rtd.),
Bharathiar University,
Coimbatore.
- Dr. R. Roopkumar,
CUTN, Thiruvavur.
- Dr. Rajeswari Seshadri,
Pondicherry University,
Pondicherry.
- Dr. R. Sakthivel,
Bharathiar University,
Coimbatore.
- Dr. S. Marshal Anthony,
Anna University,
Coimbatore.
- Dr. K. Somasundaram (Rtd.),
GRI – DTBU, Gandhigram.
- Dr. R. Saravanakumar,
Hiroshima University, Japan.

Advisory Committee Members

Dr. Ju. H. Park, South Korea.
Dr. Xiaodi Li, China.
Dr. JinRong Wang, China.
Dr. S. Ponnusamy, India.
Dr. T. Amaranath, India.
Dr. N. Anabalagan, India.
Dr. S. Muralisankar, India.
Dr. P. Prakash, India.
Dr. Animesh Biswas, India.
Dr. K. Murugesan, India.
Dr. V. Ravichandran, India.

Organizing Committee

Chief Patron

Vice-Chancellor,
The Gandhigram Rural Institute
(Deemed to be University),
Gandhigram-624302.

Patron

Dr. V.P.R. Sivakumar
Registrar,
The Gandhigram Rural Institute
(Deemed to be University),
Gandhigram-624302.

Convener

Dr. P. Balasubramaniam
Professor & Head,
Dept. of Mathematics
GRI-DTBU

Co-Convener

Dr. R. Uthayakumar
Professor, Dept. of Mathematics
GRI-DTBU

Organizing Secretary

Dr. G. Nagamani
Dept. of Mathematics
GRI-DTBU

Organizing Committee Members

Dr. G. Mahadevan
Dr. R. Rajkumar
Dr. P. Muthukumar
Dr. M. Sureshkumar

Contact

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Phone: +91-451-2452371

Conference E-mail:
grumath@gmail.com

Website:
[https://sites.google.com/view/icmm
cit-2021/home](https://sites.google.com/view/icmmcit-2021/home)

Venue:

Silver Jubilee Hall
The Gandhigram Rural Institute
(Deemed to be University),
Gandhigram-624302, Dindigul,
Tamil Nadu, India.