

Two Days International Conference

on

Differential Geometry and its Applications (DGA-22)

Jointly Organized by

Department of Mathematics,
Kuvempu University

and

The Tensor Society, Lucknow, India

4th and 5th March 2022



Department of PG Studies and Research in
Mathematics,

KUVEMPU UNIVERSITY, Jnana Sahyadri,
Shankaraghatta-577 451, SHIVAMOGGA,
Karnataka, India.

About the University

Kuvempu University named after Sri. Kuvempu, the Jnanapeeta awardee and doyen of Kannada Literature is an affiliating University in Karnataka established in 1987 which has ideals of excellence and quality in Higher Education.



Kuvempu University is accredited by NAAC with Grade "A", and ranked 73rd in NIRF by MHRD, GoI and is also ranked 45th in Scimago Institutions Ranking by Scimago Lab in partnership with Scopus. It is a place that one would love to pursue academics and research. The campus sprawls over an area of 230 acres which is located at 28 kms away from Shivamogga town. Its jurisdiction is spread over two districts, Shivamogga and Chikkamagalur. It has 37 Post-graduate Departments of Studies in the faculty of Arts, Commerce, Education, Law, Science and Technology distributed in 09 different schools of P.G Studies. Also, it includes 100 affiliated colleges, 03 constituent colleges and 02 Post-Graduate Centres at Kadur and Chikmagalur under its administration.

About Department of Mathematics

The Department of Mathematics established in 1975 as a part of University of Mysore became an integral part of Kuvempu University in 1987.



It has been harnessing precious human resources for the overall development of society through the pursuit for excellence in areas of Mathematical Sciences. The Department has awarded 78 Ph.D., 25 M.Phil. degrees and has published over 600 research papers in reputed journals. At present 25 research scholars are working for their Ph.D. degree. Thrust areas of research are Riemannian, pseudo-Riemannian and Finsler manifolds and Advanced Fluid Dynamics.

About the Conference

The objective of the conference is to provide a unique forum for exchanging ideas and in-depth discussions on different aspects of Differential geometry and its applications to theory of Relativity and other branches to encourage outstanding contributions which possess the scope to have a direct and fundamental impact on scientific and engineering applications. The focus of the conference is on current research techniques involving Differential Geometry, Riemannian geometry and its developments in different areas of Physics like theory of relativity, cosmology, astrophysics and various other disciplines. The conference not only provides a platform for strengthening the mathematical research but also an opportunity for the participants in knowing the emerging areas of research.

The conference will include invited talks and paper presentation sessions. Leading Mathematicians from all over India will deliver invited talks in the conference. International speakers will deliver special lectures through online mode.

Topics

Topics of the conference are include:

Differential Geometry

Theory of Relativity

Riemannian Geometry

Cosmology

Contact Geometry

Analysis

Finsler Geometry

Topology

Linear Algebra and Applications

Differential Geometry Applications in Mechanics

CHIEF PATRON

Prof. B. P. Veerabhadrapa,
Hon'ble Vice Chancellor, Kuvempu University

PATRONS

Smt. Anuradha G, K.A.S, Registrar, Kuvempu University
Prof. C M Thyagaraja, Registrar (Evaluation)
Sri. S Ramakrishna, Finance Officer

Coordinators

Prof. S K Narasimhamurthy - 94485 90043
Prof. Sudhir Kumar Srivatsav - 98895 05305

ORGANIZING SECRETARIES

Prof. Venkatesha - 94824 48927
Prof. B J Gireesha - 97411 48002

Organizing Committee

Dr. Venkatesh P	Dr. Pavithra G M	Mr. Aruna Kumara H
Mr. Raghavendra R S	Ms. Keerthi M L	Ms. Soumya D O
Ms. Surekha Desai	Ms. Felicita Almeida	Mrs. Bhanumathi N
Mr. Manohar R Gombi	Ms. Shruthi C	Mrs. Rajeshwari M R
Mr. Shankaralingappa B M	Ms. Pavithra C G	Mrs. Dhanalakshmi R
Mr. Manjunatha Malligawad	Mr. Yashwanth B	Mr. Sanjay T
Ms. Anitha L	Ms. Kavya N S	Ms. Aishwarya C
Mrs. Usha B	Ms. Sushma	Mr. Praveena J
Ms. Sulfiyat	Ms. Latha M P	Mr. Shivakumar

Advisory Committee

Prof. Zafar Ashan
President, The Tensor Society
Prof. P. N. Pandey
IAPS, Prayagraj
Prof. Manjusha Majumdar
University of Calcutta, Kolkata
Prof. Hasan Shahid
Jamia Millia Islamia, New Delhi
Prof. Arindam Bhattacharyya
Jadavpur University, Kolkata
Prof. G. S. Khadekar
RTM University, Nagpur
Prof. M. M. Tripathi
BHU, Varanasi
Prof. Banktेशwar Tiwari
BHU, Varanasi
Prof. Sahadat Ali
SRMCEM, Lucknow
Prof. V. N. Pathak
SRM University, Lucknow
Prof. K. S. Rawath
HNBGC University, Srinagar
Prof. A. H. Hasmani
Sardar Patel University, Gujarat
Prof. Shyamal Kumar Hui
University of Burdwan, West Bengal
Prof. A. A. Shaikh
University of Burdwan, West Bengal
Dr. Rakesh Kumar
Punjabi University, Patiala
Dr. Rajesh Kumar
DDU Gorakhpur University
Dr. Joydeep Sengupta
Aliah University, West Bengal
Shree. Prakash Chandra
Treasurer, The Tensor Society

Prof. B. S. Kiranagi
University of Mysore, Mysore
Prof. R. Rangarajan
University of Mysore, Mysore
Prof. B. Basavanagoud
Karnataka University, Dharwad
Prof. N. B. Naduvinamani
Gulbarga University, Kalaburgi
Prof. C. Sulochana
Gulbarga University, Kalaburgi
Prof. B. Chaluvareju
Bangalore University, Bangalore
Prof. Harina P. Waghmare
Bangalore University, Bangalore
Prof. Patil B. Mallikarjun
Tumkur University, Tumkur
Prof. V. B. Avati
RCU, Belagavi
Prof. V. Shigehalli
RCU, Belagavi
Prof. K. V. Prasad
VSKU, Bellary
Prof. V. Lokesh
VSKU, Bellary
Prof. H. S. Ramane
Karnataka University, Dharwad
Prof. V. S. Prasad
RIE, Mysore
Prof. Mahabaleswar
Davanagere University, Davanagere
Dr. B. C. Prasannakumara
Davanagere University, Davanagere
Dr. P. N. Kishori
Mangalore University, Mangalore
Dr. Ramesh B Kudenatti
BCU, Bangalore
Dr. Medha Itagi Huilgol
BCU, Bangalore

Registration

Registration Fee: Rs. 500/-

Who can attend?

- Academicians
- Research Scholars
- Industry persons
- Faculty members

Registration Procedure:

- Participants are requested to register through the following Google form link on or before March 1st, 2022
<https://forms.gle/xhwzsjXhMmWRvfTa9>
- WhatsApp groups link:
<https://chat.whatsapp.com/DuIBFRjLofu006hhp4aW0o>
<https://chat.whatsapp.com/GXdHyNFPn3l2YieEPObPBb>
- The registration fee should be paid to the following account number:

Account Name: Conference Chairman

Account Number: 39145649859

IFSC Code: SBIN0040759

Bank Name: State Bank of India

Branch: Jnanasahyadri

NOTE: Accommodation for participants will be provided on request at nearest hotels on a payment basis.

Deadline for online registration and abstract submission: March 1st, 2022.



Resource Persons

Prof. Ljubica Velimirovic

Faculty of Science and Mathematics, University of Nis, Serbia.

Prof. Mohamed Belkhef

TIBAH University, Kingdom of Saudi Arabia.

Prof. Aysel Targut Vanli

Gazi University, Ankara, Turkey.

Prof. Sharief Deshmukh

King Saud University, Saudi Arabia.

Dr. Sudhakar Kumar Chaubey

University of Technology and Applied Sciences-Shinas, Oman.

Dr. Inan Unal

Munzur University, Tunceli, Turkey.

Dr. Zohreh Nekouee

University of Mazandaran, Iran.

Prof. Zafar Ahsan

Aligarh Muslim University, Aligarh.

Prof. Uday Chand De

University of Calcutta, West Bengal.

Prof. Sudhir Kumar Srivatsav

DDU Gorakhpur University, Gorakhpur.

Prof. Pradyumn Kumar Sahoo

BITS, Pilani, Hyderabad.

Prof. Shyamal Kumar Hui

University of Burdwan, West Bengal.

Prof. C. S. Bagewadi

Kuvempu University, Shivamogga.

Prof. H. G. Nagaraja

Bangalore University, Bangalore.

Prof. T. Venkatesh

Rani Channamma University, Belagavi.

Dr. D. G. Prakasha

Davanagere University, Davanagere.

Dr. Vamsi Pritham Pingali

IISC, Bangalore.

Dr. Ramana Raju

Jain University, Bangalore.