

23rd Annual Conference of
Vijñāna Parishad of India

on

**Recent Developments in Mathematics,
Optimization and Computational
Sciences (RDMOCS 2021)**

September 06-10, 2021

Pre-Conference Workshop on **Vedic
Mathematics**

September 04-05, 2021

(Virtual Mode Only)



**Organized by
Department of Mathematical Sciences
and Computer Applications
Bundelkhand University, Jhansi-
284128, UP (INDIA)**

About the Institute

This seat of higher learning came into existence on August 26, 1975, vide Government of Uttar Pradesh Notification No. 10/15-60/74 under the provision of the U.P. Universities Act. However, though belonging to the younger generation of the Indian Universities, the Bundelkhand University has fast transformed into a university of excellence offering opportunities to the aspiring youths to pursue higher education. However, though belonging to the younger generation of the Indian Universities, the Bundelkhand University has fast transformed into a university of excellence offering opportunities to the aspiring youths to pursue higher education, applied research and Professional training according to their aptitude and potential.

Mission

To impart quality vocational and scientific education through basic and applied research, to improve the quality and value of human irrespective of gender, caste, nationality and religion.

Vision

The University aims to become a world-class institution by tapping human potential to lead the country in changing national, regional and global scenario.

Objectives

- Provide solid foundation of academic principles, skills and practical training.
- Inculcate strong understanding of the complex inter-disciplinary subjects.
- Develop teaching, administrative and research skills.
- Work extensively for the creation of new knowledge
- Create greater appreciation for professionalism, values and integrity.
- Maintain a high level of discipline and inculcate good habits amongst the students.

About the Department

The world is dynamic and continuous to change. New challenges opportunities and hopes are things that inherit. A fighting spirit, a nationalistic spirit, and a unifying spirit from our predecessors, who paved the way for us regained and defined the independence where we are enjoying today. In a new era, filled with hopes and changes with political, scientific, technological and information advancement, in the era of open global economy and free trade, we too must continue to preserve the fighting spirit, the nationalistic spirit and unifying spirit. Education is the key to overall development of the society; Education is one of the investments, which multiplies the dividends as unending process. The department of Mathematical Sciences and Computer Applications, established in 1986, is one of the oldest departments of the University and within a small span of time, the department has shown its potentiality and has diversified its teaching and research programs in Mathematics, Statistics, Operation Research, Computer Science & Information Technology. The department has made considerable progress by responding to the emerging needs of the society, by widening the canvas of higher education and by affecting qualitative improvements in its academic and research programs. At present the department is offering number of courses and catering to the multifarious needs of nearly 1000 students. **Besides this, the department is also actively engaged in research programs in Mathematical Sciences,**

Operations Research, Statistics, Computer Sciences and Information Technology. The accelerated growth all around expansion of the department, in the last decade stands as success story of such devoted efforts. Faculty to faculty and faculty to student's relationship are the assets of the department.

About Vijñāna Parishad of India

Vijñāna Parishad of India (Having Headquarter at D.V. Post Graduate College, Orai, Jalaun (U.P.), is an international society dedicated to the applications of mathematics in all fields of science and technology founded in 1971-72 by Dr. R.C.Singh Chandel (Founder Secretary) inspired by Dr. B.B.L. Srivastava with collaboration of Prof. H.M. Srivastava (Foreign Secretary) and Late Prof. J.N. Kapur (Chief Advisor) who became President (1986-2003). Prof. Kapur was also elected the first fellow of the Parishad in 1996. For more information, visit www.vijnanaparishadofindia.org. In each conference, eminent scientists are honored by VPI distinct awards. (i) Distinguished Service Award (ii) Fellowship of VPI Award (FVPI) (iii) Life-long Achievement Award (iv) Young Scientist Award for best paper presentation each area (v) Organization of Professor J.N. Kapur Memorial Lecture. The Parishad has been publishing its Research Journal "JÑĀNĀBHĀ" (Sanskrit word for *Ray of Knowledge*) (Print ISSN - 0304-9892, Online ISSN 2455-7463) [UGC Approved: Half Yearly Journal of Mathematics] regularly since 1971. This society has Reciprocity Agreement with The American Mathematical Society and at present is one of the five Indian Societies and thirteen Asian Societies which have such agreement with The American Mathematical Society. The research papers published in JÑĀNĀBHĀ are indexed in the American Biweekly Current Mathematical Publications and are reviewed among others, by American Reviews (USA), Zentrablatt for Mathematik (Germany) and Applied Mechanics Reviews (USA). The society stands for the development of mathematical Science in India and encourages the interaction of Mathematics with Engineering, Industrial, Medical, Social, Physical, Biological and Computer Sciences.

Aims and Objective of the Digital Conference

The aim of the conference is to provide a platform to the researchers from different part of the country to discuss the challenges in recent development in Mathematics, Optimization and Computational Sciences. The conference will focus on the development of recent development in Mathematics, Optimization and Computational theory as well as practices. Research exchange, enhancement and discussions will be incubated from a number of presentations by the researchers. This will also provide the online platform for the researchers, academicians, and industry to discuss about their recent development in research. Also selected research papers be published in the form of edited book.

Proceedings of the Conference

Contributors of the invited talks and accepted papers for presentation at the conference are required to submit the camera-ready copy of the talk/paper by 16-08-2021 for the publication in the form of Edited Books and / or in the Journal JNANABHA. Only reviewed and recommended papers will be published.

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Important Deadlines:

Conference Registration open wef 01-07-2021
Conference Registration Closed on 21-08-2021
Abstract/full paper submission: 16-08-2021
Acceptance participation/ presentation 31-08-2021
Acceptance of paper publication: 31-10-2021
(After blind review)

Registration Fee:

No Registration fee shall be charged from the participants.

Registration Link:

https://docs.google.com/forms/d/e/1FAIpQLSeOU npRQFNNDblSF8Sj7NTpgfGkCCjSZB39RfoKoP 86f4X17A/viewform?usp=sf_link

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