



2nd International Conference on

“Recent Advancements in Materials science And Nanotechnology (RAMAN) - 2024” March 28 – 30, 2024

Organized by

Faculty of Physics, Department of Electronics and Communication, Nirma University, Ahmedabad

Important Dates

Abstract submission:

February 29, 2024

Decision of acceptance:

March 10, 2024

Last date of Registration:

March 15, 2024

Camera ready copy:

March 25, 2024

Conference:

March 28- 30, 2024

Call for papers

RAMAN-2024 is poised to seamlessly carry forward the rich legacy of its predecessors, RAMAN-2020 and RAMAN-2022, both of which engaged over 200 participants whose research findings were subsequently published in Materials Today Proceedings. With a commitment to advancing collaborative platforms for cutting-edge research in materials science and nanotechnology, we extend a warm invitation to esteemed academicians, research scholars, faculty members, industrialists, and PG students to submit their original research work for consideration in the 2nd International Conference on Recent Advancements in Materials Science and Nanotechnology-2024 (RAMAN-2024). Participants are encouraged to submit comprehensive, full-length papers before the due date, incorporating the paper title, author(s)' name, and affiliation. Only registered authors will present papers during the conference and be considered for further proceedings. Join us at RAMAN-2024, where scholarly excellence continues to take center stage in advancing the frontiers of materials science and nanotechnology.

Theme of the conference

Condensed Matter Physics	Optoelectronic Devices at Nanoscale
Nanotechnology	Ferroelectric and Dielectric Materials
Energy Storage Devices	Nanomaterials for biophysics
NEMS/MEMS	Synthesis and Characterization of Nanomaterials
Polymers & Composites	Novel 0D, 1D and 2D Nanomaterials
Electrical, Magnetic, Optical, Thermal Properties of Nanomaterials	

Registration Fee

For Indians (Including GST)

Students (Nirma) -- ₹ 2500/-

Students (External) -- ₹ 3540/-

Faculty (Nirma) -- ₹ 5000/-

Faculty (External) -- ₹ 6500/-

Industry -- ₹ 7000/-

Attendee -- ₹ 2000/-

Online Mode (All)* -- ₹ 2500/-

Foreign Delegates (Including GST)

Students -- \$ 225

Faculties -- \$ 425

Attendee -- \$ 125

Online Mode (All)* -- \$ 125

* Entitled for certificate only

Abstract Submission

Abstracts maximum up to one page (300 words) in the related field are invited from scientists and researchers. The soft copy (in MS Word format) of the abstract has to be uploaded on the link given on the conference website up to February 29th 2024.

Publication

The research articles will be recommended for publication in the Scopus-Indexed Journals/Proceedings, with meticulous consideration for criteria such as originality, clarity, significance, and technical merit.

Convener

Dr. Ankur Pandya

Co-convener

Dr. Chetna Chauhan

Organizing Secretary

Dr. Tanuj Gupta

Coordinator

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- Dr. Usha Mehta, Head (ECE) Nirma University
- Dr. N M Devashrayee, Professor, Nirma University
- Dr. Shibu Pillai, Nirma University
- Dr. Neha Patni, Nirma University
- Dr. Ankur Dwivedi, Nirma University
- Dr. Sandeep Malhotra, Nirma University
- Mr. Saumil Desai, Nirma University
- Dr. Nikunj Joshi, Parul University

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About Conference

Followed by the grand success of RAMAN-2020, and RAMAN-2022, 2nd International conference on Recent Advancements in Materials science And Nanotechnology (RAMAN- 2024) is going to be held during March 28- 30, 2024 at Institute of Technology, Nirma University, Ahmedabad (Gujarat), India. The conference aims at research-based innovations in the fields of Materials Science and Nanotechnology. It would provide an excellent opportunity for Academicians, Researchers, Technocrats and Students to present their research findings in the fields of Material Science as well as nanoscience. The salient feature of RAMAN - 2024 is to promote research with a view to bring researchers of academia and industry closer to each other. The Advisory Committee of RAMAN-2024 comprises of senior scientists, academicians, scholars and professionals from the reputed institutes, laboratories and industries around the world. The technical sessions will have peer-reviewed paper presentations. In addition, keynote addresses by eminent scientists and invited talks by renowned academicians will be organized during the conference.

About University

Nirma University is one of India's leading universities based in Ahmedabad (Gujarat). The University was established in the year 2003 as a Statutory University under a special act passed by the Gujarat State Legislative Assembly. It is recognised by the University Grants Commission (UGC) under Section 2 (f) of the UGC Act. The University is duly accredited by National Assessment and Accreditation Council (NAAC). The University is a member of Association of Indian Universities (AIU) and the Association of Commonwealth Universities (ACU). Nirma University is one among the top 100 in National Institutional Ranking Framework (NIRF) ranking consistently for last three years. Our university is the top most private University, in the state of Gujarat as adjudged by Gujarat State Institutional Ranking Framework (GSIRF) for the year 2017-2018. Recently, the university has been recognized for Centre of Excellence (CoE) by the Government of Gujarat (GoG).

About Institute of Technology

Institute of Technology, Nirma University, earlier known as Nirma Institute of Technology, started in 1995 by Nirma Education and Research Foundation was the first self-financed engineering college in Gujarat. Institute of Technology has turned into a leading hub of education, offering multidisciplinary undergraduate, postgraduate and PhD programmes in engineering. The institute is consistently ranked within top 25 self-financed engineering colleges of India in the survey conducted by various rating agencies. The persistent efforts of faculty members and students of the Institute win many prestigious awards and bring laurels to the institute.

About Faculty of Physics

Being a small family of Physicists, the faculty of Physics is a vibrant section of the Institute of Technology. Both Theoretical and Experimental Condensed Matter Physics are the area of research. Specifically, synthesis and characterization of ferrites and magnetic materials, computational investigations of electronic, magnetic, optical, mechanical and thermal properties of novel 2-D nanomaterials and NEMS are important frontiers of research. The section has achieved new heights of knowledge on these frontiers by registering for 2 patents and produced 5 PhDs along with its 6 research scholars pursuing their doctoral studies. The faculty of Physics possesses four research projects funded by the GUJCOST, GSBTM and UGC-DAE-CSR worth Rs. 90 Lac.

About Ahmedabad

Founded in 15th century, Ahmedabad, in western India, is the largest city in the state of Gujarat. The Sabarmati River runs through its centre. The Gandhi Ashram is on the western bank of river Sabarmati, which displays the spiritual leader's living quarters and artefacts. Across the river, the Calico Museum of Textiles, once a cloth merchant's mansion, has a significant collection of antique and modern fabrics. Ahmedabad enjoys a thriving cultural tradition, being the centre of Gujarati cultural activities and diverse traditions of different ethnic and religious communities. The tourist's attractions are Adalaj Step Well, Kankaria Lake, Sabarmati Ashram, Sabarmati River front, and Akshardham at Gandhinagar.