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How to Reach the Shivaji University, Kolhapur?

Kolhapur city is well connected by air, rail, and bus. Shivaji University is at 5 km from the airport and at 4 km from the railway terminus & Central Bus Stand.

Air : Kolhapur airport is well-connected with flights from Mumbai, Hyderabad, Bangalore, Tirupati and Ahmedabad.

Scan **QR code** for location of the Department of Physics, Shivaji University, Kolhapur.



Participants can reach to Kolhapur by using nearest airports like Belgaum/Belgavi and Pune.

Railway: Chhatrapati Shahu Maharaj Terminus, Kolhapur is well-connected with trains from Mumbai, Delhi, Bangalore/Bengaluru, Hyderabad, Nagpur, Ahmedabad and Solapur. Miraj is nearest railway junction connected to Kolhapur.

LOCAL ORGANIZING COMMITTEE

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National Conference on Physics of Materials & Materials based Device Fabrication 2023 (NCPM-MDF-2023) November 25 - 26, 2023



Organized by

Department of Physics

(UGC-DRS-I, DRS-II, ASIST,
DSA-I & II, DST FIST- I & II, PURSE,
RUSA Sponsored Department)

Shivaji University, Kolhapur-416004, Maharashtra, India.



Objectives of the Conference

Department of Physics ranks 5th in Materials Science research among all Non-agricultural Universities and Research Institutes in India. The conference is focused on the theme “**Physics of Materials and Materials based Device Fabrication**” which eventually aims to bring together scientists, technologists, researchers and industrialists across the country to exchange their views and ideas for better possible scientific collaborations in the subject of their interest. The subject area includes frontiers in the Physics of Materials and their applications in technologies which has a societal perspective. The conference will cover experimental and theoretical aspects of the subject matter. Specifically, studies of novel, advanced materials along with the mechanisms involved will be highlighted together with the applications of these materials in the following domains:

Topics To Be Covered

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|--|-------------------------|
| Catalysis | Instrumentation |
| Nanomaterials | Holography |
| Nanosensors | Supercapacitors |
| Solar cells | Bio-materials |
| Photonics | Bio-sensors |
| Energy conservation | Microwave application |
| Aerogels | Biotechnology |
| Nanocomposites | Biophysics |
| Materials for space applications | Nonlinear Optics |
| Thin and thick film devices | Fuel cells |
| Radiation effects in materials | Nanotechnology |
| Electrochromism | Gas Sensors |
| Green Chemistry | Quantum Dots |
| Battery | Neuromorphic devices |
| Nano textiles | Superconductor |
| Machine Learning | Artificial Intelligence |
| Radiation-induced modifications on Materials and Devices | |

There will be special session on the Innovation, Entrepreneurship related to the devices based on materials.

Registration

In order to participate in NCPM-MDF-2023, the participants should register online. Registration fee should pay by electronic transfer through the conference website on or before 6th November 2023. For online registration & payment scan the **QR code**

OR

use the following link:

https://sukapps.unishivaji.ac.in/WorkshopConferenceSeminarPro_app/#/login

Payment Mode: Debit Card/Credit Card/Net Banking/UPI



Registration Fee (Including GST) :

| | |
|---------------------|------------|
| UG / PG student | : Rs. 1000 |
| Research scholar* | : Rs. 2000 |
| Scientist/faculty* | : Rs. 3000 |
| Accompanying Person | : Rs. 2000 |
| Industrial Person* | : Rs. 5000 |

Registration fee includes conference material*, breakfast, tea, lunch and dinner.

Important Date

Last date of Abstract Submission, and Registration: **6th November, 2023**

Spot Registration is not allowed.

Accommodation in University Hostels/Guest House

Accommodation to the limited number of registered participants can be provided in the Guest House/ University Hostels of the Shivaji University, Kolhapur.

For UG / PG Students and Research Scholars, accommodation will be provided at Hostels, Shivaji University, Kolhapur. Request for accommodation has to be made at the time of registration. The cost of accommodation will be Rs. 500/- per person.

For Faculty / Postdoctoral fellow / Scientist / Industrial members and Accompanying persons, accommodation can be arranged at Guest House, Shivaji University. The accommodation charges should be paid separately by the participants at Shivaji University guest house as per rules. The confirmed request must reach us on or before 6th November, 2023 via email : ncpmmdf2023@gmail.com

About the Shivaji University, Kolhapur

Shivaji University, established in 1962, is named after the Great Maratha Warrior and founder of the Maratha empire, 'Chhatrapati Shivaji Maharaj'. One of the major objectives behind the foundation of this University was to cater to the regional needs of South Maharashtra. The jurisdiction of the University is spread over three districts viz. Kolhapur, Sangli and Satara in Maharashtra state with the strength of about 3,00,000 students studying in University Departments and in 280 affiliated colleges and recognized institutes. This region of Maharashtra boasts of its rich and varied socio-cultural heritage, under the innovative and socially reformist leadership of Chhatrapati Shahu Maharaj, the princely ruler of Kolhapur. The city had situated at the beginning of 19th century, a focal point of educational opportunities for all classes and communities of South-Western Maharashtra, and Northern parts of neighboring state of Karnataka. The University which was founded primarily to cater to regional aspirations has now geared up to transcend this regional image and emerge as one of the premier institutes of higher education and research in India. The University imparts education in major faculties of Arts, Social Science, Science, Commerce, Education, Fine Arts, Law, Medicine, Pharmacy, Engineering and Technology. More about Shivaji University, Kolhapur can be seen at www.unishivaji.ac.in website.

Sponsorships / Advertisements

Souvenir (abstract book) consists of the technical program, delegates list, and abstracts. It will be shared to all participants. Advertisements in this book provide a golden opportunity for industries and others, to advertise their products and services for future business and growth. Kindly download the Conference Sponsorship Brochure from the conference website or scan the following **QR code**:

Kindly send your proposal by e-mail to:

ncpmmdf2023@gmail.com



Instructions to Contributors

The abstract of the original research work should be submitted at the time of registration only, before 6th November 2023. All the further communications will be made by e-mail. The prizes will be given for **THREE** best poster and oral presentations separately. The poster size will be 1m x 1m. For each oral presentations 5 min. will be allotted. Scan the following **QR code** to download the abstract template:



About Kolhapur:

Kolhapur, an epitome of beauty and richness in the Indian state of Maharashtra, stands tall as one of the most significant cities in Maharashtra. Kolhapur is the premier city which lies between Latitude 15°73' to 17°11' and Longitude 73°75' to 74°70' which is situated at 546 meter height from sea level. The city is situated in the western part of Maharashtra and is often referred to as "Dakshin Kashi" or "Mahateerth". Its proximity to the eastern slopes of the Sahyadri renders the greater part of the State almost immune from famine. This city has been a hub of historical, religious, and cultural activities for centuries. Its historic significance can be traced back to the 1st century BC and continues to amaze visitors with its intricate carvings and magnificent temples. Kolhapur is famous for its unique food culture, including its signature Kolhapuri cuisine that tantalizes the taste buds of locals and tourists alike. Sports, arts, and local dialects also play a major role in defining the identity of the city, making it a true representation of diversity and unity. The vibrant city of Kolhapur is indeed a cultural treasure, waiting to be explored by those in search of a true taste of India.

Climate:

Kolhapur presents a moderate climate in the starting months of the winter, i.e., in November. The average temperature in November for a typical day ranges from 21°C to 28°C.

Places of Tourist's Interest In Kolhapur

Temples & Cloisters: Goddess Mahalaxmi, Jotiba, Goddess Trymbuli, Narsinhwadi, Bahubali, Katyayani Devi, Khidrapur, Kaneri Cloister, Shankaracharya's Cloister.

Historical Places: New Palace, Shalini Palace, Bhavani Mandap, Town Hall.

Hill Stations & Lakes: Panhala Fort, Vishalgad Fort, Dajipur sanctuary, Rankala Lake, Kotiteertha.