



**3rd
INTERNATIONAL CONFERENCE
CUM
FACULTY DEVELOPMENT PROGRAM**

ON RESEARCH IN

**NEXT-GEN MATERIALS
FOR FUTURE TECHNOLOGY**

**(NGMFT-2026)
21st-25th, July 2026**

Organized by:

**S. S. in Chemistry and Biochemistry, S. S. in Physics & Institute of Pharmacy, Samrat Vikramaditya
Vishwavidyalaya, Ujjain (M.P.) in collaboration with IIT Indore**

Sponsored by PM-USHA & ANRF PAIR SVV-IITI



HIGHLIGHTS

EXPERT LECTURES

Gain insights from renowned experts and industry leaders.

HANDS ON WORKSHOP

Enhance your skills through interactive and practical learning sessions.

PAPER PRESENTATION

Present your research, exchange ideas and get valuable feedback.

POSTER PRESENTATION

Showcase your work visually and engage in meaningful discussions.



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(M.P.)

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Institute(AMPRI), Bhopal

ABOUT UJJAIN

Ujjain, one of the world's oldest living cities, is celebrated for its remarkable scientific, cultural, and literary heritage. Known as the ancient center of astronomy and mathematics, it was regarded as the prime meridian of India and nurtured great scholars such as Varahamihira. The city is also associated with the legendary poet Kalidasa, whose literary masterpieces immortalized its beauty. The historic Vedh Shala (Jantar Mantar), Vikram Kirti Mandir Taramandal (Planetarium), and nearby Dongla, an important astronomical and timekeeping center, reflect Ujjain's enduring contribution to science. This unique blend of knowledge, innovation, and heritage makes Ujjain an inspiring destination for scholars, researchers, and visitors alike.

ABOUT SAMRAT VIKRAMADITYA VISHWAVIDYALAYA

Samrat Vikramaditya Vishwavidyalaya (Formerly Vikram University), Ujjain, is a state university of Madhya Pradesh, established under M.P. Vishwavidyalaya Adhiniyam on March 1, 1957, with the motto "Vidhyamratamshnute" (Knowledge is the foundation of immortality) and well-defined objectives. Samrat Vikramaditya Vishwavidyalaya is an active member of the Association of Indian Universities and the Association of Commonwealth Universities. The university is a residential cum affiliation-type institution, having 3500+ students enrolled on campus. The university covers almost the total spectrum of higher education (traditional as well as modern streams) through its thirty-one School of Studies (University Teaching Departments) with fourteen research centres and more than 188 affiliated colleges offering various programmes in the areas of Physical Sciences, Life Sciences, Pharmacy, engineering, social sciences, Language Arts, Commerce, Management, Information Technology, Law, Agriculture Sciences, Forensic Science, Mass Communication and Natural Sciences etc



ABOUT THE CONFERENCE

By integrating FDP modules with the international conference, participants benefit from a unique blend of theoretical insights delivered through keynote lectures and technical skill development through practical training, ensuring a comprehensive, application-oriented, and impactful learning experience.

The 3rd International Conference cum Faculty Development Programme (FDP) on "Next-Gen Materials for Future Technology" provides a dynamic platform for sharing cutting-edge research, innovative ideas, and emerging trends in materials science and allied disciplines. The programme integrates teaching, research, and hands-on learning through keynote lectures, expert sessions, live demonstrations of advanced analytical instrumentation. Covering physics, pharmaceutical sciences, chemistry, environmental science, and materials science, the event also features oral presentations, poster offering participants valuable opportunities to enhance knowledge, strengthen teaching and research skills, and foster innovation and collaboration.

ABOUT THE FACULTY DEVELOPMENT PROGRAM

The Faculty Development Programme (FDP) is specially designed to strengthen core competencies in analytical separation techniques, with focused coverage of instrumentation, method development, and data interpretation. The programme emphasizes hands-on learning, enabling participants to gain practical experience in the optimization of advanced separation techniques and the analysis of complex mixtures.

SUB-THEMES



Advanced Analytical Techniques

HIGH-RESOLUTION IMAGING |
MOLECULAR CHARACTERIZATION



Sustainable Materials

ECO-FRIENDLY INNOVATIONS |
RENEWABLE FEEDSTOCKS



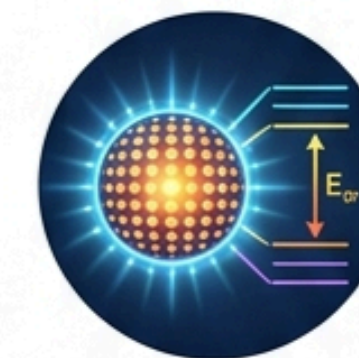
Green Chemistry

GREEN SYNTHESIS |
HAZARD MINIMIZATION



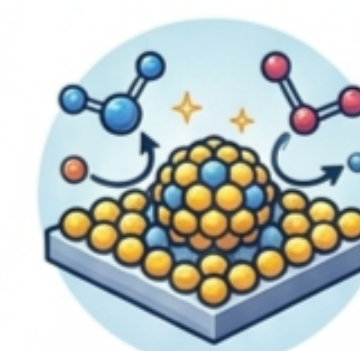
Sensors and Semiconductors

NEXT-GEN SENSING |
NEXT-GEN COMPUTING



Quantum dots

QUANTUM DOT DISPLAYS |
ADVANCED ELECTRONICS



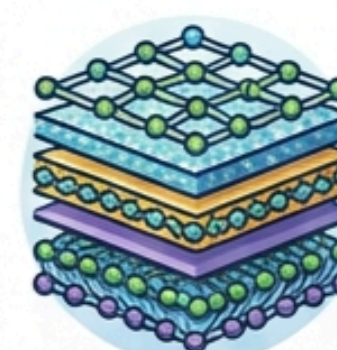
Nanocatalysis

ULTRA-EFFICIENT CHEMICAL
REACTIONS | SURFACE
PHENOMENA



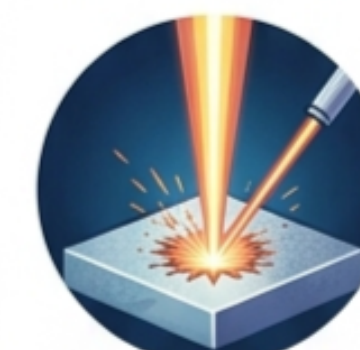
Density Functional Theory (DFT)

PREDICTIVE QUANTUM
MODELING | MOLECULAR
BEHAVIOR



Polymer Blends and Composite Materials

TAILORED PROPERTIES |
LIGHTWEIGHT & STRONG
MATERIALS



Laser-Matter Interaction

PRECISION PHOTONICS |
ULTRAFAST DYNAMICS



Research Ethics

SCIENTIFIC INTEGRITY |
RESPONSIBLE INNOVATION

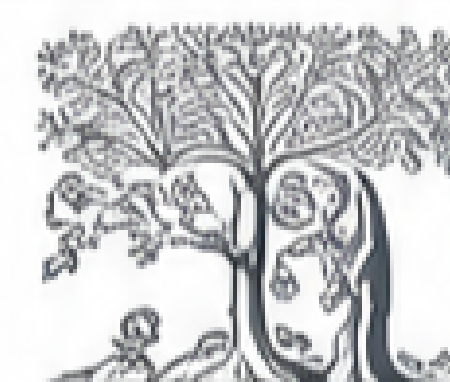
ABOUT SCHOOL OF STUDIES IN CHEMISTRY & BIOCHEMISTRY



It is one of the earliest departments established in October 1964. School of Studies in Chemistry, situated in the picturesque surroundings on the university campus, offers programs leading to B.Sc., M.Sc., Ph.D., certificate, and P. G. Diploma courses. The faculty members are engaged in research in various thrust areas - Organic heterocyclic synthesis, Material science and Nanocatalyst, Natural products, Supramolecular chemistry, Membrane transport, Photochemistry, Quantum dots, etc.—resulting in a large number of publications in national and international refereed journals with a good impact factor and citation index. Research scholars and faculty members have received Young Scientists Awards from MPCST, ISCA, ICC, ICS etc. Many students have qualified for NET, GATE, and SET.

**AWARDEE WILL GET THE CHANCE TO
PUBLISH THEIR PAPER IN ELSEVIER'S JOURNAL**

Selected high-quality papers from awardees will be considered for publication in an Elsevier indexed journal.



ELSEVIER

SUBMISSION OF ABSTRACTS

Active participation in the scientific sessions covering the diverse themes of the conference is cordially welcome. Scientists, researchers, and academicians from other spokes of ANRF are invited to submit soft copies of their original research abstracts prepared in Microsoft Word format using Times New Roman font, size 12 and must not exceed 200 words. Completed abstracts should be emailed directly to chembiochemdepsvv@gmail.com.

★ RECOGNITION OF EXCELLENCE ★



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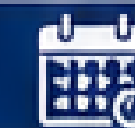
Awarded to the most outstanding poster presentation for its originality, design and impact.

**DON'T JUST ATTEND,
MAKE AN IMPACT!**





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Student	₹ 500
Research Scholar (JRF)	₹ 3000
Research Scholar	₹ 1200
Faculty /Scientist	₹ 2000
Faculty (abroad)	100 USD
On Spot Registration	₹ 3000



IMPORTANT DATES

 Last Date of Abstract Submission	: 15.07.2026
 Abstract Acceptance Notification	: 17.07.2026
 Last Date of Registration	: 18.07.2026
 Late Registration	: 20.07.2026



BANK DETAILS

A/c Name	: Chemical Association
A/c No.	: 01450100006563
Branch	: UCO Bank University Campus, Ujjain
IFSC	: UCBA0000145



OR ENTER PAYMENT ADDRESS
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REGISTRATION LINK: <https://forms.gle/b5kD27zme4uwisTt8>

ACCOMMODATION AND CONTACT

Accommodation will be provided in hotels near Samrat Vikramaditya Vishwavidyalaya, Ujjain, on a payment basis. For students and research scholars, we will provide accommodation in the university hostel. For any queries, please contact the following:

E-Mail: chembiochemdepsvv@gmail.com

 **9425091003; 9977077685; 8770739880**



Conference Venue :

Seminar Hall, School of Studies in Agriculture Sciences,
Samrat Vikramaditya Vishwavidyalaya, Ujjain (M.P.)

