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Transforming Education Transforming India



7th International Conference on
**RECENT ADVANCES IN
FUNDAMENTAL AND
APPLIED SCIENCES**
(RAFAS 2026)

25th-26th Sep, 2026 | Hybrid:Onsite/Online



Organized by
School of Chemical Engineering and Physical Sciences
Lovely Faculty Of Technology & Sciences, LPU

Think**BIG** | NAAC
GRADE **A++**

About

Lovely Professional University

Lovely Professional University (LPU) is a multi-faculty research-oriented institution with hi-tech campus offering more than 200 professional programmes. LPU campus is a complete world in itself having students from all states of India and more than 40+ countries of the world. LPU is a world class institution with internationally benchmarked curricula, innovative pedagogy focused on experiential learning, cutting edge research, 450+ foreign tie-ups, well qualified faculty with industry exposure, outstanding sports & cultural facilities, excellent residential facilities, In-campus shopping mall, hospital, banks, postal services etc. The University is ranked high on various parameters by Government Bodies and other credible organisations. LPU receives Highest Grade A++ with 3.68 score on 4 Point Scale by NAAC (National Assessment & Accreditation Council), an Autonomous Institution of the University Grants Commission (UGC), Ministry of Education, Govt. of India. The Times Higher Education World University Rankings 2025 has ranked LPU amongst Top 10 Universities in India Including all Government (even IITs & NITs), & Private Institutions, and many more.

About

RAFAS

The School of Chemical Engineering & Physical Sciences is pleased to announce the 7th edition of the International Conference on "RECENT ADVANCES IN FUNDAMENTAL AND APPLIED SCIENCES (RAFAS)", scheduled for September 25-26, 2026. Building on the success of the previous five editions (2016, 2019, 2021, 2023, 2024 and 2025), RAFAS 2026 aims to facilitate knowledge sharing and collaboration among scientists, researchers, students, and professionals from diverse backgrounds.

The conference will provide a platform for presenting cutting-edge research and technologies addressing local and global scientific challenges. Key areas of focus will include basic sciences (physics, chemistry, mathematics), chemical engineering, and environmental science. RAFAS 2026 will offer a unique environment for young researchers and practitioners to discuss new advances in various facets of science and technology.

In line with previous editions, this hybrid conference (onsite/online) will foster productive collaboration between academia and industry. We cordially invite you to participate and share your innovative ideas during RAFAS-2026.



GUIDELINES FOR AUTHORS

Authors are requested to submit their abstract through URL (<https://tinyurl.com/4prv9em9>) in Microsoft Word format. Abstract, not exceeding 250 words, should be typed in Arial font (font size 12), double spaced and thoroughly revised before submission. No editing or material changes at the proof stage shall be permitted. • The title should be short, specific, and informative, not exceeding 25 words; type first letters in capitals.

- The title should be followed by the names of author(s). The name of the principal author/corresponding author should be marked with an asterisk (*) and name of the author who would be presenting the paper should be underlined.
- Give complete affiliation of the authors.
- While sending the abstract, the author should also indicate the section a) Chemistry b) Physics c) Mathematics d) Chemical Engineering e) Petroleum Engineering, above the title in Arial font (font size 14 bold).
- After receiving the abstract, an acknowledgment will be sent to the author with the reference number. This number should always be quoted while making further enquiries about its publication.

For any query contact : e-mail: rafas@lpu.co.in

IMPORTANT DATES

Last date for submission of abstract	20 th Aug 2026
Notification of abstract acceptance	25 th Aug 2026
Last date for registration	30 th Aug 2026
Full paper submission start	05 th Sep 2026
Full paper submission last date	10 th Sep 2026

*At least one author of each accepted abstract must register for the conference for the abstract to appear in the proceedings and be scheduled for poster/oral presentation.

Selected articles will be published in Scopus/WoS indexed journal and additional nominal charges will be applicable for the publication. Submitted articles will be peer-reviewed and screened for plagiarism before final acceptance

SCIENTIFIC THEMES (SDG 3, SDG 6 & SDG 7)

Chemical Sciences and Engineering

- Photochemical Fundamentals and Solar-Driven Catalysis
- Plasmonic Catalysis: Hot Carrier Dynamics and Applications
- Sustainable Resources for Socioeconomic and Environmental Advancement
- In-Situ and Operando Techniques for Mechanistic Insights
- Computational Modeling of Complex Catalytic Systems
- Digitalization of Chemical Research and Industrial Processes
- Scale-Up Strategies and Pilot Plant Development
- Biochemical and Process Engineering

Physical Sciences and Materials Innovation

- Materials Science for Human Well-being
- Defect Engineering and Electronic Structure Modulation
- Nanostructured, Plasmonic, and Hybrid Catalytic Architectures
- Porous Frameworks and Supramolecular Materials
- Fluid and Solid Mechanics
- Multi-Scale Modeling

Mathematics and Computational Analytics

- Analysis, Geometry, and Dynamical Systems
- Mathematics in Science and Technology
- Algebra, Logic, and Number Theory
- Numerical Analysis and Scientific Computing
- Probability, Statistics, Financial Mathematics, and Actuarial Science

REGISTRATION FEE DETAILS

Faculty/Staff from academia	INR 3000
Research scholar	INR 1500
Students (PG/UG)	INR 1000
Delegates from industry	INR 5000
International delegates	USD 100

All the submitted papers will be peer reviewed and will be selected for publication on the basis of quality and standard guidelines as per journals

The Registration Fee entitles the delegates to:

- Attend the conference sessions Onsite-online
- Receive the conference proceedings
- Participation and presentation (poster/oral) certificates

Abstract Submission link

<https://tinyurl.com/4prv9em9>

Full Manuscript Submission link

<https://tinyurl.com/2xx6at4t>

PUBLICATION PARTNERS

PS: We're finalizing a list of reputed publication partners and will announce soon. Extended Abstracts will be published with DOI/ISBN, and selected full papers may be published in DOAJ/SCOPUS/SCI/SCIE indexed journals, subject to separate publication fees. Fees vary by journal policy and manuscript quality, and are distinct from Registration Fees. Full paper submission starts September 15, 2026.

List of Already Confirmed Journals/books as a SPECIAL ISSUE (SI) on:

(A) Scopus Journals; No Article Processing Charges (APC)

(i) Progress in Nanoscience and Nanotechnology (Q3; IF:2.1; SJR: 0.19) (<https://link.springer.com/journal/42250>)

(ii) Proceedings of the Jangjeon Mathematical Society.

(iii) International Journal of Applied Mathematics

https://www.iaeng.org/IJAM/current_issue.html

(B) Scopus Books ; No Article Processing Charges (APC)

“Wiley-Scrivener” Applied Functional Materials (<https://tinyurl.com/bdd9cbvn>)

II. “Springer-Nature” Catalytic Materials

III. “Mathematical Foundations of Physics-Informed Machine Learning in Industry” AAP Taylor Francis

IV. “Biomathematical Models Analytical Approaches, Semi-Analytical Approaches, and Numerical Approaches” De Gruyters

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