



# MAHARAJA AGRASEN UNIVERSITY



NAAC ACCREDITED | NIRF RANKING (151-300) IN INNOVATION CATEGORY



## *ICSSR Sponsored* **NATIONAL CONFERENCE**

**Blended Mode**

*On*

**Sustainable Development Goals-  
Progress, Issues & Challenges**

**March 16<sup>th</sup>, 2024**

## ABOUT THE UNIVERSITY

Maharaja Agrasen University established in the year 2013, was inaugurated by the President of India Late Shri Pranab Mukherjee. The University is situated in pollution free environment of Shivalik foothills near Kasauli and Pinjore Garden. It is easily accessible from Chandigarh (30Km), Panchkula (21 Km), Kalka (10 Km), Pinjore (12 Km). It aspires to become the University of first choice for potential students, teaching & research community and recognized for providing excellent opportunities for global success. MAU wishes to be acknowledged as a value-based campus where students, faculty and staff are creatively and actively engaged in scholarly activities of relevance to the community at large. Mission of the MAU is to contribute to the society through imparting vibrant, innovative learning and research at the highest international levels by providing intellectual environment built on a commitment of free and open enquiry. Committed to the cause of holistic development of students, the University endeavors to foster equality, initiative, integrity, and excellence while maintaining highest level of consciousness, civility and humility. Focus is given on personality development and judicious mix of academics with extra-curricular activities and social service.

In a very short span of time, the University has been able to make its presence felt not only in Himachal Pradesh but also pan India. This achievement of the University has been appreciated by a consortium of 25 chairpersons of industry who conferred CCI Technology Education Excellence Award by Gujarat Technological University, Ahmadabad in the category of Best Emerging Private University of India. It has also been adjudged by "Higher Education Review" as the University of the year in the category of "Research & Development". The Institution Innovation Cell of MHRD, Education Ministry GOI & AICTE has selected 50 mentor Institutes out of 2700 from all over India, and Maharaja Agrasen University is one among them and allocated 05 reputed prestigious Institutions under IIC including Central University of Himachal Pradesh. Dharamshala, University Institute of Technology Himachal Pradesh University, Shimla, Deenbandhu Chhotu Ram University, Murthal, Haryana, Maharishi Markendeshar University, Ambala and Global Institute of Technology, Jaipur. Again in 2023, University Institute of Technology Himachal Pradesh University, Shimla, Shaheed Bhagat Singh State University, Punjab, Lyallpur Khalsa College of Engineering, Punjab, Gulzar Group of Institutions, Punjab and Global Institute of Technology, Jaipur has been allocated as mentee institutions.

The Hon'ble Chancellor of the University Dr. Nand Kishore Garg received Himachal Ratan Award-2022. Our Startup was highly appreciated by Dr. Dharmendra Pradhan, Education Minister, Govt. of India at Bharat Mandapam, New Delhi on 29<sup>th</sup> July, 2023 on the occasion of 3<sup>rd</sup> NEP Anniversary. IIC of the university has been awarded 3.5-star rating and is one of best running IIC in NWRO.

## MAHARAJA AGRASEN SCHOOL OF MANAGEMENT

School of Management endeavors to inculcate in students a constant yearning for learning through the combination of academic rigor, contemporary curriculum design, passionate knowledge delivery, participative dialogue and discussion, interaction with leading practitioners. The objective of the UG and PG Programmes is to impart management education to enable the students to be rightfully equipped to face the challenges of the industry in the Indian ethos. The school of management offers a wide range of Programmes to the students like MBA with specialization in Finance, Human Resource and Marketing, Hospital Management, MBA (Hospitality and Tourism), M.Com., B. Com, B. Com (Hon's), BBA, B.Sc. (Hotel Management & Administration) and Ph.D in Management, Commerce and Tourism & Hospitality resulting attractive employment opportunities.

## MAHARAJA AGRASEN SCHOOL OF TECHNOLOGY

MAIT offers Engineering courses in five streams: Computer Science & Engineering; Electrical & Electronics Engineering; Mechanical Engineering; Civil Engineering and Electronics & Communication Engineering at UG as well as PG level and also offering Ph.D Program. It has established Institution Innovation Council (IIC) – MHRD since 2018. IIC MAIT has been conferred the role of a Mentor Institute among top 50 Institutions of India in 2021 & again in 2023-2024 for 5 prestigious institutions. MAUs have been signed with Industries, Academic Institutions & two Incubation Centers of repute. The Startups Aquatic Drone and EVRIC (Solar based electric car) were selected and showcased among top startups of India at Pragati Maidan, New Delhi. These startups were highly appreciated by Education Minister Shri Dharmendra Pradhan and Dr. Abhay Jere, Vice Chairman AICTE. MAIT faculties have published a number of good research papers in International Journals and Conferences along with the contribution in the form of registration of a number of Patents. IIC MAIT has won first and third prize for poster presentation at IIC Regional meet in the year 2021-22 & 2022-23.

## MAHARAJA AGRASEN SCHOOL OF BASIC & APPLIED SCIENCES

Science is continuously evolving, driven by our fundamental curiosity in the world around us. The School offers undergraduate, postgraduate and doctoral degree programs in major disciplines of sciences namely Biotechnology, Chemistry, English, Environmental Science, Mathematics, Microbiology, Pharmaceutical Chemistry, Physics and Zoology. In pursuit of the sustainable excellence in the field of research and academics, SBAS provides its traditional and ideals while keeping pace with advancements of the society. The motto '*Dare to Dream*' enables us to achieve excellence and eminence in science education and research. The uniquely designed curriculum gives students the flexibility to choose multiple electives, which provides the opportunity to discover their academic passion and enhance their involvement in the learning process.

## MAHARAJA AGRASEN SCHOOL OF PHARMACY

School of Pharmacy came into existence in the year 2015 with academic programs D. Pharm & B. Pharm. M. Pharmacy in Pharmaceutics, Pharmaceutical Chemistry & Ph. D have been started from session 2021-22 & 2019-20 respectively. All courses have been duly approved by the PCI, New Delhi as well as by HPPERC and Govt. of H.P. School of Pharmacy has organized more than 15 National and International conferences. The School has organized Faculty Development Programs, Short Term Training Programs, National Pharmacy Week & National Pharmacovigilance Week. Faculty of Pharmacy has published more than 150 research papers in highly reputed journals of high impact factor and H-index. More than 20 Patents have been published and 5 patents granted in this year to our faculty members. The faculty of the School has published more than 60 books and books chapters with reputed publishers.

# MAHARAJA AGRASEN SCHOOL OF LAW

School of Law, established in 2013, is emerging as one of the premier legal institutes with a unique blend of tradition and modernity. The School of Law runs Ph.D., LL.M., LL.B., BALLB and B.Com. LL.B. Its mission is to equip the students with the skills to comprehend and analyze the ins and outs of various legal and other inter-disciplinary issues and devise solution to these problems. To achieve this objective, the School arranges a number of curricular and extra-curricular activities. Moot Court Competitions, Client Counselling Sessions, Quiz Contests, Seminars, Group Discussions and Guest Lectures etc. are regular features of the academic schedule of the School. The Maharaja Agrasen University, School of Law has received the Certificate of Appreciation for Best Legal Aid Clinic in College Level by the Himachal Pradesh State Legal Services Authority on 9th November, 2023. The Certificate of Appreciation was awarded by Hon'ble Mr. Justice Tarlok Singh Chauhan, Judge, High Court of Himachal Pradesh & Executive Chairman, HP State Legal Services Authority. The Faculty in the School is well qualified, maximum faculty is Ph.D. and UGC-NET having good publications in various International/ National reputed Scopus indexed, Peer Reviewed Journals.

## ABOUT THE CONFERENCE

Sustainable development is basically an action plan which helps us to achieve sustainability in any activity which makes use of the resources. Through sustainable development, we formulate organizing principles which help to sustain the limited resources essential to provide for the needs of our future generations. The World Commission on Environment and Development popularized this concept in 1987. Their report defines the idea as a “development which meets the needs of the present without compromising the ability of future generations to meet their needs.” The Sustainable Development Goals (SDGs) are a collection of 17 interlinked global goals to transform our world. They were designed to be a “blueprint to achieve a better and more sustainable future for all” and part of the United Nations 2030 sustainable future for all” and part of the United Nations 2030 Agenda for Sustainable Development. They were agreed by 193 countries in September 2015. These goals strive for the universal reduction of climate change and poverty, and the improvement of education, health, and economic growth. United Nations describes the SDGs as seeking to “protect the planet, and improve the lives and prospects of everyone, everywhere.” The 5 pillars, also known as 5 Ps of sustainable development, encompass 5 overarching areas that each of the SDG's address. These are of critical importance to act towards over the next decade. They are: People, Planet, Prosperity, Peace and Partnerships, sustainability sitting at the core of each. These pillars are there to inform decision making around interventions installed by the government that work towards the SDG's. When a new policy is adopted, it must consider the consequences it will have upon any of the 5 Ps. Today, United Nations successfully continues to consider these pillars against each of their development goals. They offer a blueprint that many organisations can measure their own actions against.

The SDG's have a 2030 deadline for implementation. In 2019, the UN Secretary General, Antonio Guterres, called for a decade of action across three essential areas. 'Global Action' calling for bold leadership, 'local action' to make a real difference in people's lives, and 'people action' to mobilize partnerships, hold leaders to account and for people to make the Global Goals their own.

COVID-19 has slowed progress dramatically for many of the SDG's, heightening the need for their



their implementation now more than ever. We were already far behind in terms of progress for some of the SDG's. Healthcare was already off track for its 2030 target, and the gains already made, such as the halving of malaria cases, have been greatly threatened by coronavirus. In addition to this, lockdowns deprived children with no internet access from getting an education, and one in six young people have lost their jobs since the beginning of the pandemic. Still, the SDG's provide us with a roadmap.

The main objective of the conference is to assess the progress of achievement of sustainable development goals in India and all over the world, also to find out ways and means as to how they revive from the current alarming situation. The conference is expected to encourage thought-provoking discussions and develop insights for building resilient and sustainable development endeavors. The themes on which the prime focus has to be given are mentioned below:

## SUB THEMES OF THE CONFERENCE:

### Management

- Management Practices and Sustainable Development
- Corporate Social Responsibility (CSR) and Sustainable Business Practices
- Innovation and Entrepreneurship for Sustainability
- Supply Chain Management and Sustainable Sourcing
- Change Management and Sustainability
- Circular Economy and Waste Management
- Energy and Environmental Management
- Policy Initiatives for Sustainable Development
- Social Impact and Community Development
- Technology for Sustainable Development
- Green Entrepreneurship and Innovation
- Green Data Analytics for Sustainability
- Green Workforce Planning and Analytics
- Green Employee Benefits and Wellness Programs
- Green HR Policy Development
- Green Financial Reporting and Disclosure Practices
- Green Fintech and Innovation
- Green Microfinance and Inclusive Finance
- Green Market Initiatives
- Green Management and Corporate Efficiency
- Green HRM- An Emerging Trend
- Green Banking Services
- Green Derivatives and Financial Instruments
- Financing Sustainable Goals
- Sustainable Development Goals for Managers

## Engineering/ Technology

- Renewable Energy Technologies for Sustainable Power Generation
- Green Building and Sustainable Architecture
- Water Resource Management and Conservation in Engineering Practices
- Waste Management and Recycling Innovations
- Smart Cities and Sustainable Urban Development
- Climate Change Mitigation Strategies in Engineering
- Sustainable Transportation and Infrastructure
- Environmental Impact Assessment in Engineering Projects
- Materials Science for Sustainable Technologies
- Clean and Sustainable Manufacturing Processes
- Information and Communication Technologies (ICT) for Sustainable Development
- Environmental Monitoring and Remote Sensing Applications
- Geotechnical Engineering for Disaster Resilience
- Innovations in Water Purification and Sanitation
- IoT Applications for Sustainable Development
- Advancements in Energy Storage Technologies
- Sustainable Design and Development in Electronics
- Efficient Power Distribution and Energy Grid Management
- Innovations in Environmental Sensing Technologies
- Cybersecurity for Sustainable Development
- Green Computing and Sustainable IT Practices
- Mechatronics and Robotics for Sustainable Applications
- Advancements in Civil Engineering for Resilient Infrastructure
- E-waste Management and Recycling Strategies
- Data Analytics and Machine Learning for Sustainable Engineering

## Basic & Applied Sciences

- Materials for Sustainable development
- Bio Based Materials for Energy Storage and Management
- Nanotechnology for Sustainable Development
- Green Nanotechnology for Sustainable Environment
- Energy Harvesting
- Green Chemistry
- Water Reclamation from Industrial Effluents
- Bio-composites and Biodegradable Polymers
- Nano-Biosensors, Nano- Bioengineering for Sustainable Development
- Material Physics, Optics, Semiconductors for Sustainable Development
- Solid Waste Management
- Hydroponics and Smart Farming
- Heat Transfer Enhancement by using Nanoparticles
- Emerging and Advanced Green Energy Technologies
- Natural Resource Management
- Impact of Human Activities on Environment
- Sustainable Agriculture and Food Systems
- Environmental Pollution and Remediation Techniques
- Renewable Energy and Clean Technologies
- Climate Change Action and Adaptation
- Natural Disaster and Ecological Threats
- Biotechnology and Sustainable Development
- Bioremediation
- Environmental Impact Assessment
- Conservation of Water, Soil and Biodiversity

## Pharmacy

- Cellular Targeting and intracellular drug delivery
- Biosimilars and biobetters in pharmacy
- Novel drug delivery system
- Drug Metabolism and Transport
- Ethical, legal and social issues in pharmacy
- Pharmacological modulation of various disease
- Pharmacokinetics and Pharmacodynamics

- Toxicology in Cancer research
- Biological Targets and biomarkers in Pharmaceutical chemistry
- Small molecules as drug candidate
- Computer aided drug design
- Analytical methods for natural products
- Toxicological studies of Phyto-pharmaceuticals
- Plant biotechnology and tissue culture
- Role of Artificial Intelligence in Pharmacy
- Automation of Drug Synthesis
- Simulations in Pharmacy

## Law

- International Law and Sustainable Development
- United Nations Agenda for Sustainable Development
- Sustainable Development Goals: Prospects & Challenges
- International Humanitarian Law and Sustainable Development
- Human Rights and Sustainable Development
- Constitutional Commitments and Sustainable Development in India
- Socio- Legal Synthesis of Democracy and Sustainable Development
- Laws, Regulations and Policies for Sustainable Development in India

- Rule of Law and Sustainable Development in India
- Good Governance and Sustainable Development
- Principles of Sustainable Development in Environmental Law
- Environmental Deterioration Prevention and Sustainable Development
- Environmental Protection, Economic Growth and the Social Development vis-a-vis Sustainable Development
- Sustainability in Climate Change Law
- Biodiversity Law and Sustainable Development
- Renewable Energy Laws and Sustainable Development- National and International Perspectives
- Labour and Industrial Laws and Sustainable Development in India
- Intellectual Property Rights and Sustainable Development
- Competition Law and Sustainable Development- National and International Perspectives
- Laws Relating to Protection of Women and Children from Sexual Abuse
- Role of Women: Key Factor in Sustainable Development
- Poverty Eradication and Right to Food vis-a-vis Sustainable Development
- Sustainable Development- Role of Indian Judiciary
- Sustainable Development and Role of National Green Tribunal
- Gender Parity and Sustainable Development

## REGISTRATION DELEGATION FEE

Category	Fees
Students	Rs.250
Faculty	Rs.500
Professional from Industry	Rs. 1500

Additional Rs. 500/- shall be payable for the ISBN number book containing the selected articles/ research papers.

Those who want to purchase the book must register for the conference before 3rd March 2024 and convey their willingness to Dr. Nitin Lasta.

The conference will be held in a blended mode that is both offline as well online.

The participants are advised to communicate in the registration form the mode in which they want to participate in the conference.

Boarding and lodging shall be provided by the university on first come first serve basis at a concessional rate.

The request for the boarding and lodging can be made to Dr. Manmeet Singh, M: 9857265724 Email: manmeet4290@gmail.com up to 8th March 2024.

The registration fee can be paid through Demand Draft in favour of “Registrar, Maharaja Agrasen University, payable at Baddi” or through NEFT/RTGS. The details for online payment are given as under: **Account Name: Maharaja Agrasen University COWOSE - Axis Bank Ltd. Branch Code- 2381 IFSC Code –UTIB0002381 Account No.- 922010020129990.**

## CONFERENCE SECRETARIAT

### CHIEF PATRON

**Dr. Nand Kishore Garg**

Chancellor, Maharaja Agrasen University, Baddi, Himachal Pradesh

### PATRON

**Prof. R K Gupta**

Vice Chancellor, Maharaja Agrasen University, Baddi, Himachal Pradesh

### CONFERENCE TECHNICAL ADVISOR

**Sh. Suresh Gupta**

Project Director & Chancellor's Nominee, Maharaja Agrasen University, Baddi, Himachal Pradesh

### CONFERENCE CONVENER

**Prof. A.K. Vashisht**

Dean Research & Director, School of Management

### CONFERENCE CO-CONVENER

**Prof. Richa**

Director, School of Law

## ORGANISING COMMITTEE

**Prof. (Dr). Sanjeev Sharma**

Honorary Dean, MASOM

**Prof. (Dr.) Sunil Agrawal**

Honorary Dean, MAIT

**Prof. (Dr.) Anil Kumar**

Honorary Dean, MASOM

**Dr. Devinder Singh**

Patron & Advisor, MASOL

**Dr. Monika Kansal**

Managing Director, Xeam Venture  
Pvt. Ltd., Mohali

**Mr. Gopal Krishan Sharma**

President HP State  
Pharmacy Council, Shimla

**Dr. D. S. Bainola**

Ex. DGM, Punjab National Bank &  
Chairman Sarva UP Gramin Bank

**CA Bharat Goel**

President (Legal) & Company Secretary,  
Hero Cycle Ltd. Ludhiana (Punjab)

**Prof. (Dr.) J.K. Goswami**

Director, UIET, Panjab University  
Chandigarh

**Dr. Aparna N. Mahajan**

Director, MAIT

**Dr. Mona Piplani**

Director, MASOP

**Dr. Sanjay Panwar**

Director, MASBAS

**Dr. Pankaj Nanglia**

Registrar, MAU

**Dr. Prianka Sharma**

Dean Student Welfare, MAU

## TECHNICAL COMMITTEE

**Dr. Ranjit kumar**

Assistant Professor, MAIT

**Mr. Ajay Kumar**

Network Administrator, MAU

## ORGANISING SECRETARIES

**Dr. Nitin Lasta**  
Professor, MASOL

**Dr. Shweta Sharma**  
Associate Professor, MASOM

**Dr. Virat Khanna**  
Associate Professor, MAIT

**Dr. Shiv Kumar Giri**  
Associate Professor, SBAS

**Mr. Pankaj Bhateja**  
Associate Professor, MASOP

## ORGANISING JOINT SECRETARIES

**Dr. Kuldeep Chand**  
Professor, MASOL

**Dr. Dipi Talwar**  
Assistant Professor, MASOM

**Dr. Shilpa Gupta**  
Associate Professor, MAIT

**Dr. Manisha Dhiman**  
Assistant Professor, SBAS

**Dr. Rajesh**  
Assistant Professor, MASOP

## WHO CAN ATTEND?

The conference is aimed at providing a platform / resource base for intellectuals and professional expert in the field of commerce and management. The following are welcome to participate: Academicians, Policy makers, Research Scholars, Trade professionals, Entrepreneurs and Students.

## CALL FOR PAPERS

### Abstract and Paper Submission:

## CONTRIBUTION

Persons interested to participate in the conference are welcome to contribute their research papers/ research notes/ case studies/ brief research notes on the thematic areas with specific recommendations for discussions in technical sessions.

### Guidelines for Contributors

#### Format for Full Length Papers

#### All manuscripts must be strictly prepared as per the following format:

- **Title:** Bold centred 14 point
- **Font size:** 12, justified
- **Font Type:** Times New Roman
- **Main Text:** Minimum 3,000 maximum 6,000 words -including tables, figures and references - single-spaced
- **Page Numbering:** All pages should be numbered in footer in the bottom centre of each page
- **Citations and References:** Harvard style
- **Author(s):** Name, position, organization - bold centred 12 point (2 lines each author)
- **Contact Details:** Complete address, phone, fax, email, web site (if any) –centred 12 point
- **Bio Data:** Authors should provide their brief biographical details, not exceeding 100 words.
- **Key Words:** Up to five keywords to be provided for indexing, cataloguing and classification purposes.
- **Similarity index should be below 10 Percent. A plagiarism certificate/report should be attached with the paper.**

**Note:-** There should be no author identification after the title page. The page following the title page should show only: Title, abstract within the paper, then the main text.



## Schedule for Submission:

Submission of Abstract:	05, February 2024
Notification of Acceptance of Abstract:	10, February 2024
Full-length paper submission:	24, February 2024
Notification of Acceptance-Full paper:	02, March 2024
Last date of Registration:	13, March 2024
Conference Date:	16, March 2024

Abstracts and full papers to be submitted to:

- **Track 1: Mnanagement** [conferencemgmt@mau.edu.in](mailto:conferencemgmt@mau.edu.in)
- **Track 2: Technology/Engineering** [conferencemait@mau.edu.in](mailto:conferencemait@mau.edu.in)
- **Track 3: basic & Applied Sciences** [conferencesbas@mau.edu.in](mailto:conferencesbas@mau.edu.in)
- **Track 4: Pharmacy** [conferencesop@mau.edu.in](mailto:conferencesop@mau.edu.in)
- **Track 5: Law** [conferencelaw@mau.edu.in](mailto:conferencelaw@mau.edu.in)

## MANUSCRIPT CONTENT

Papers should demonstrate critical rigor and make clear their contribution to knowledge. It should also state their implications in relation to the theme of the conference, and contribution to one or more areas of research, education, policy or practice.

## PUBLICATION OF ACCEPTED MANUSCRIPTS

The papers will be published in an Edited Book with ISBN number. The book will be given to all the registered participants who have paid Rs. 500/- for the book on the day of conference. It is therefore desired that the research papers must be submitted well in time and strictly as per the guide lines, so as to include in the proposed publications.

### CONTACT PERSONS:

1. Dr. Nitin (Law Track), **M: 94592 65268**
2. Dr. Shweta Sharma (Management Track), **M: 7986200636**
3. Dr. Virat Khanna (Engineering Track), **M: 98785 83636**
4. Dr. Shiv kumar Giri (Applied & Basic Sciences Track), **M: 85720 49078**
5. Mr. Pankaj Bhateja (Pharmacy Track), **M: 89880 92053**

### PROCEDURE FOR REGISTRATION

Registration for the conference can be done by filling up the hard copy of the registration form as attached or by filling up the google form through the link <https://forms.gle/3KaY2HUGD3kRfvP4A> or Scan QR Code given below:





# MAHARAJA AGRASEN UNIVERSITY

NAAC ACCREDITED | NIRF RANKING (151-300) IN INNOVATION CATEGORY

Atal Shiksha Kunj, Pinjore-Nalagarh Highway, Kalujhanda,  
Teh. Baddi, Distt Solan, H.P. 174103

## REGISTRATION FORM

## NATIONAL CONFERENCE

Blended Mode

*On*

**Sustainable Development Goals-Progress, Issues & Challenges**

**March 16<sup>th</sup>, 2024**

Student ☐ Research Scholar ☐ Academician ☐ Professional from Industry ☐

Name:..... (In Block Letters)

Designation:.....Area of Specialization:.....

Organization Name:.....

Address for correspondence:.....

City:.....State:.....Pin:.....

E-mail:..... Mobile No:.....

Title of Paper:.....

Mode of Participation: Offline ☐ Online ☐

Whether requiring boarding/lodging: Yes / No \_\_\_\_

Whether requiring Conference book: Yes / No \_\_\_\_

Mode of Payment: Cash/Draft/NEFT/UPI (Please mention details):.....

Signature:..... Dated:.....

**\*\* Note: Please use separate registration form for each participant.**

**Online Registration Link: <https://forms.gle/pGxPvPbHeLj3VKp68>**



#### HOW TO REACH US



MAP NOT TO SCALE

Maharaja Agrasen University  
Atal Shiksha Kunj, Pinjore Nalagarh Highway  
Nanakpur, Kalujhanda, Barotiwala  
Distt. Solan-HP 174 103

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Technology Maharaja Agrasen Chowk,  
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