



MAHARAJA AGRASEN UNIVERSITY

NAAC ACCREDITED

UNDER THE AEGIS OF IQAC & HRDC



In Association with

CENTRAL UNIVERSITY OF HARYANA

&

BABA MASTNATH UNIVERSITY

Organizes

11th One Week National Workshop on

***“NUANCES OF RESEARCH METHODS IN THE
CONTEMPORARY DIGITAL ERA”***

(22nd September- 27th September, 2025)

In Blended Mode



ABOUT MAHARAJA AGRASEN UNIVERSITY

Maharaja Agrasen University (MAU) established in the year 2013, was inaugurated by the then President of India Late Shri Pranab Mukherjee. The University is situated in pollution-free environment of Shivalik foot hills near Kasauli and Pinjore Garden. It is easily accessible from Chandigarh (30 Km), Panchkula (21 Km), Kalka (10 Km), Pinjore (12 Km). MAU offers various Diploma, Undergraduate, Postgraduate and Doctorate Level courses in a wide variety of fields like Basic & Applied Sciences, Law, Management, Pharmacy, and Technology. 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.

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 Excellence Award in the category of Best Emerging Private University of India. It has also been adjudged by "Higher Education Review as the University in the category of "Research & Development. In the year 2021, the Institution Innovation Cell of MHRD, Education Ministry GOI & AICTE has selected 50 mentor Institute out of 2700 in India, and Maharaja Agrasen University is one of among them and has been approved as Mentor of the many reputed Government Universities and top prestigious Institutions. Second time in year 2023, the university has been selected as mentor. Hon'ble Chancellor of the University Dr. Nand Kishore Garg has been conferred with Himachal Ratan Award-2022.

MAU has been recognized amongst Top 5 Institutions in India under NEP Policy by the Ministry of Education and was honoured by Minister of Education Sh. Dharmendra Pradhan at NEP IIC event held at Bharat Mandapan, New Delhi on 29th, July 2023. IIC of the university has been awarded 3.5-star rating and is one of best running IIC in NWRO region. Maharaja Agrasen University organized an international conference on the theme of "Indian Knowledge System: From Glorious Past to Bright Future" in the Month of April, 2025. This Conference solicited an overwhelming response from the researchers.



ABOUT CENTRAL UNIVERSITY OF HARYANA

The Central University of Haryana (CUH) is one of the fifteen new central universities that were set up by the Government of India during the 11th Five-Year Plan (2007–2012). It was established under the Central Universities Act of 2009 with a clear purpose: to make higher education more accessible, especially to students from rural and underrepresented regions. The University is located in a peaceful and scenic area spread across 484 acres of land in the villages of Jant and Pali, in the Mahendergarh district of Haryana. Far from the noise and distractions of big cities, this setting allows students to focus on learning while being close to the real needs of rural India. Despite being located in a rural area, CUH has all the modern academic and residential facilities needed to create a vibrant learning environment.

Over the years, CUH has expanded its academic offerings and now runs 86 different programmes at the undergraduate, postgraduate, and doctoral levels. These programmes cover a wide range of disciplines—from humanities and social sciences to natural sciences, commerce, technology, and management. In August 2023, the University was awarded an 'A' grade by the National Assessment and Accreditation Council (NAAC) in its second cycle of accreditation. It is also regularly ranked among the top 150–200 universities in India in the National Institutional Ranking Framework (NIRF).

CUH is also working actively to implement the National Education Policy (NEP) 2020. This means making learning more flexible, more practical, and more in line with the skills students' need in today's job market. The University is deeply committed to the social and economic welfare of the people around it, in line with the vision of our Hon'ble Prime Minister Shri Narendra Modi—of building a self-reliant, empowered, and strong India—CUH is playing its part. It is not just creating graduates; it is nurturing citizens who are skilled, responsible, and ready to contribute to the nation. Central University of Haryana received the FICCI Higher Education Excellence Award in the "Emerging University of the Year" category.



ABOUT BABA MASTNATH UNIVERSITY

Baba Mastnath University, Rohtak, is a self-financing Private University established in 2012 under the Haryana Private Universities Act, 2006. The University is sponsored by Shri Baba Mastnath Math (Spiritual Organisation of Nath Sect) Asthal Bohar, Rohtak. During the last 13 years of its existence, the University has made remarkable strides in the fields of technical, professional and health sciences education. The University offers courses in a wide range of disciplines including Ayurveda, Pharmacy, Nursing, Physiotherapy, Management & Commerce, Law, Engineering, Basic Sciences, Humanities and Education.

BMU is committed to provide quality education with a transparent and decentralized platform for diverse fields of careers. The University follows global trends in higher education and imparts a globally relevant and locally applicable curriculum of international standards. Outcome based curriculum and skill-based trainings are achieved through practice centric tools including clinical skill labs, cadaveric skill labs and multi-speciality hospital in addition to the adoption of the latest pedagogy and assessment methods.

This year the BAMS program of the University has been accredited with 'A' Grade by NCISM, Govt. of India, having 1st Rank in Haryana and 26th Rank in all India category. Further, the NEP-2020 is being implemented in the academic system across all disciplines with special emphasis on Indian Knowledge System, blending science and spirituality, holistic education approach, UGC quality parameters, while ensuring employability among graduates. The University aspires to become a Centre of Excellence in technical, medical and professional education in the years to come.

The University has created state-of-the art infrastructure in the form of teaching blocks, labs, research facilities, hostels, auditorium, library, smart-classrooms, etc. The University has a very strong social connect and providing various types of services to the local community.

SCHOOLS OF MAHARAJA AGRASEN UNIVERSITY

Maharaja Agrasen University endeavours to inculcate in students constant earning for learning through combination of academic rigour, contemporary curriculum design, passionate knowledge delivery, participative dialogue and discussion, interaction with leading practitioners and application orientation. MAU is currently running various UG, PG & Ph.D. Programs in its five schools:

MAHARAJA AGRASEN SCHOOL OF MANAGEMENT

The School offers wide range of programs to the students like M.B.A. with specialization in Finance, Human Resource, Marketing and Hospitality & Tourism, M.Com, B.Com., B. Com (Hon's), BBA, B.Sc. (Hotel Mgmt. & Administration), and Ph.D. in Management, Commerce and Tourism & Hospitality resulting in attractive employment opportunities.

MAHARAJA AGRASEN SCHOOL OF BASIC & APPLIED SCIENCES

The School offers M.Sc., Physics, Chemistry, Mathematics, Biotechnology, Zoology, Pharmaceutical Chemistry, B.Sc. Medical & Non-Medical and Ph.D. in Physics, Chemistry, Mathematics, Biotechnology, Zoology and Environment science.

MAHARAJA AGRASEN SCHOOL OF LAW

The School was 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 (One Year), LL.B (3 years), B.A. LL.B (H) (5 years) and B.Com. LL.B (5 years). Its mission is to equip the students with the skills to comprehend and analyse the ins and outs of various legal and other inter-disciplinary issues. The Faculty in the School is well qualified, having good record of publications in various International/ National Scopus indexed, Peer Reviewed Journals and Books.

MAHARAJA AGRASEN SCHOOL OF PHARMACY

The School is emerging as the preferred choice for the youth in the field of Pharmaceutical, innovative education and pioneering research with well-equipped Labs, Herbal Gardens etc. The school offers Diploma in Pharmacy, Bachelor of Pharmacy, Master of Pharmacy with specialization of Pharmaceutics, Pharmaceutical Chemistry and Ph.D. Program with the motive to provide them best job opportunities.

MAHARAJA AGRASEN INSTITUTE OF TECHNOLOGY

The Institute provides B. Tech & M.Tech. in Mechanical engineering, electrical and electronics engineering, civil engineering, computer engineering, and electronics and communication engineering. In addition to these courses BCA, MCA and B.Sc. in Computer Science with AI and Machine Learning are also offered by MAIT. It has established Institution Innovation council (IIC) in 2018 under which it supports innovation and entrepreneurship among students and faculty members. This centre was ranked 48th among all the universities from all over India and was selected to host mentor-mentee program for Ministry of education, Govt. of India in 2021.

ABOUT THE WORKSHOP

Maharaja Agrasen University, Baddi has organized 10 workshops in the domain of research methodology in the past 10 years. Continuing with tradition Maharaja Agrasen University in association with Central University of Haryana and Baba Mastnath University is organizing a workshop on the theme of *"Nuances of Research Methods in the Contemporary Digital Era"* from 22nd to 27th September, 2025. Research is the foundation of innovation and creativity. Academic research appears to be the most influential and accepted component of higher education. There have been growing concerns among the academicians about the quality of research. There is a need for dissemination of knowledge about the processes and crucial steps of research. The researchers need to develop the art of conceptualizing the research problems, developing hypotheses and setting objectives. The wide variety of disciplines coupled with continuous changes in the environment make the identification and implementation of a research methods both complex and problematic. Therefore, it calls for training and knowledge adaption by the researchers. The rapid advancement of digital technologies has transformed the landscape of research by introducing new methodologies and tools. It has also raised new ethical issues such as data manipulation and increased plagiarism. This workshop aims to explore the evolving paradigms of research in an increasingly digital world. Designed for academics, researchers, and students, the workshop will explore into innovative research techniques, challenges, and best practices in the digital age.

The key highlights of the Research Methodology Workshop include the following:

- To familiarize scholars with contemporary research methods aligned with digital advancements.
- To impart hands on training for the use of digital technology in research.
- To develop understanding of ethical research practices in the digital age.
- To strengthen academic writing and publication skills using digital tools.

OBJECTIVES OF THE WORKSHOP

- To expose the participants to the recent advances in Research Methodology in the phase of rapidly changing digital technologies.
- To sharpen the skills of the participants to publish quality research papers in SCOPUS, UGC CARE List, high-impact factor journals, as well as the technicalities of citation metrics and indexing using digital technologies
- To assist participants in finding research gap, developing hypotheses, application of research tools, use of research material and related training.
- To comprehend appropriateness of new statistical software packages for analyzing research data.

REGISTRATION DETAILS

The workshop is open to all who wish to learn the nuances of multi-disciplinary research through participatory approach using digital technologies. Primarily this workshop is meant for research scholars pursuing doctoral studies in Management, Applied Sciences, Engineering, Law, Pharmacy, Social Sciences, faculty members and industry professionals with research zeal. The candidates have to register through online mode. The registration link is mentioned below. After making the registration payment, it is mandatory for the candidates to upload the scanned copy of registration fee proof. Accommodation in the University campus will be available with prior intimation at concessional rates.

IMPORTANT DATES	
STARTING DATE OF ONLINE REGISTRATION	28 th July, 2025
LAST DATE OF ONLINE REGISTRATION	10 th September, 2025
Google Registration Link: https://forms.gle/vfrGef68aLb9CXrJ6	

REGISTRATION FEES

Payment can be made through online mode. Details of the Bank Account are as follows:

REGISTRATION FEE	
External Faculty/ Research Scholars	₹ 750
Faculty of MAU, CUH & BMU	₹ 500
Industry and Corporate Nominees	₹ 1000
ACCOUNT DETAILS	
Account Name	Maharaja Agrasen University (COWOSE)
Bank Name	Axis Bank
Bank Account No	922010020129990
Branch	Nanakpur
IFSC	UTIB0002381

CONTENTS OF THE WORKSHOP

- Evolution of Research Methodologies with digital advancements
- Formulation of Research Problem and Research Objectives
- Blueprint of Research Design in the context of digital technology
- Using AI and databases (Scopus, Web of Science, Google Scholar) for systematic review, Bibliometric analysis using VOSviewer, Biblioshiny
- Formulation of Hypothesis
- Sampling designs and sampling techniques
- Principles of measurement and scaling
- Designing online surveys and questionnaires (Google Forms etc.)
- Understanding reliability and validity in online instruments
- Using digital archives and repositories for secondary data
- Quantitative analysis using SPSS, R or Python basics
- Parametric tests: t-test, ANOVA (one-way, two-way) using SPSS/R
- Non-parametric tests: Chi-Square, Mann-Whitney, Wilcoxon, Kruskal-Wallis
- Understanding Bivariate and Multivariate Regression and application in analyzing digital data
- Factor analysis and cluster analysis for data reduction and segmentation
- Multivariate Analysis of Variance (MANOVA)
- Introduction to SEM using AMOS and SmartPLS
- Time series analysis techniques: ARCH and GARCH models
- Qualitative research in the digital era
- Writing and Publishing in the Digital Age
- Role of AI in Research and Education
- Reference and citation management
- Research ethics in the digital era

RESOURCE PERSONS

Prof. A.K. Vashisht	Dean Research & Director, School of Management, MAU
Prof. Suresh Sharma	Department of Statistics, PU, Chandigarh
Prof. Tejinder Pal Singh	University Business School, PU, Chandigarh
Prof. Monica Bedi	University Business School, PU, Chandigarh
Prof. Ranjan Aneja	Department of Management Studies, CUH, Mahendergarh
Prof Sunita Tanwar	Department of Management Studies, CUH, Mahendergarh
Prof. Mohinder Singh	HPKV Business School, CUH, Dharamshala
Prof. Sanjeev Gupta	HPKV Business School, CUH, Dharamshala
Prof. Inderpal Singh	Lyallpur Khalsa College Technical Campus, Jalandhar
Prof. Pankaj Madan	FMS, Gurukul Kangri University, Haridwar
Prof. Pankaj Nanglia	Registrar, MAU, Baddi
Prof. Nitin Lasta	Maharaja Agrasen School of Law, MAU, Baddi
Dr. Ajay Kumar	Department of Management Studies, CUH, Haryana
Dr. Sushila	Department of Education, BMU, Rohtak
Dr. Anup Giri	Faculty of Sciences, BMU, Rohtak
Dr. Urvashi Tandon	Chitkara University, Rajpura

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Chancellor's Nominee
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Maharaja Agrasen University

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Note: All Communication should be on: rmw@mau.edu.in

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MAHARAJA AGRASEN UNIVERSITY

NAAC ACCREDITED

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REGISTRATION FORM

11th ONE WEEK NATIONAL WORKSHOP ON

“NUANCES OF RESEARCH METHODS IN THE CONTEMPORARY DIGITAL ERA”
(September 22nd to September 27th, 2025)

Student / Research Scholar / Academician / Others: _____

Name (In Block Letters): _____

Designation: _____ Department: _____ Organization: _____

Address for Correspondence: _____

City: _____ State: _____ PIN: _____

E-mail: _____ Mobile No: _____

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

Accommodation Required: YES ☐ NO ☐ (Please Tick)

Travel Plan: _____

Signature: _____

Dated: _____



MAHARAJA AGRASEN UNIVERSITY

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