



**NAAC
GRADE A+**
ACCREDITED UNIVERSITY



Association of Commonwealth
Scholars and Fellows



NATIONAL SEMINAR

on

ARTIFICIAL INTELLIGENCE

IN HIGHER EDUCATION & RESEARCH

Advancing Innovation, Inclusion & Global Collaboration

ORGANISED BY

Learning Resource Centre

IN ASSOCIATION WITH

School of Artificial Intelligence (SOAI)

&

Association of Commonwealth Scholars and Fellows (ACSF)

 **28th June 2026**
Sunday

 **10:00 AM**
Onwards

 **Bennett University,**
Greater Noida

RSVP



Dr. Manu Mahajan
Secretary ACSF India
9810642838



Prof. (Dr.) Sanay Kataria
Director
Learning Resource Centre
9810503341

Venue: Plot Nos 8-11, TechZone II,
Greater Noida 201310, UP, India





BENNETT
UNIVERSITY
THE TIMES GROUP

NATIONAL SEMINAR ON

ARTIFICIAL INTELLIGENCE IN HIGHER EDUCATION & RESEARCH

ADVANCING INNOVATION, INCLUSION & GLOBAL COLLABORATION

INAUGURAL CEREMONY

Welcome Address

Dr. Sanjay Kataria

Director, Learning Resource Centre (LRC)

BENNETT UNIVERSITY

We extend a warm welcome to our distinguished guests,
eminent speakers, researchers, academicians, industry leaders
and all participants.



INNOVATE



INCLUDE



IMPACT

Let's shape an intelligent, inclusive and sustainable tomorrow!



PROF. (DR.) DHRUVA CHAUDHRY

Senior Professor & Head
Department of Pulmonary & Critical Care Medicine
Pt. B. D. Sharma University of Health Sciences, Rohtak

“
A Visionary Leader
An Inspiring Teacher
A Dedicated Researcher
A Compassionate Physician
**Committed to Excellence
in Critical Care
and Pulmonary Medicine**
”



President
Association of
Commonwealth
Scholars & Fellows
(ACSF)



Established
Department of Pulmonary
& Critical Care Medicine
at UHS Rohtak



**DM (Pulmonary &
Critical Care Medicine)**
Programme Recognized
by MCI from 2011



Founding Dean
Faculty of Medical
Super-Specialties
& Professor In-charge
A & E Services



**Dean Student
Welfare (DSW)**
Initiated numerous
student welfare
activities



Alumnus of
PGIMER, Chandigarh
& PGIMS, Rohtak



**Commonwealth Academic
Staff Fellowship in Pulmonology
(2009)**



**Hansraj Nayyar Memorial Award
(ISCCM) for Best Researcher**



Fellow of
Indian College of Critical Care (ICCM)
& Indian College of Physicians (ICP)



ACADEMIC & PROFESSIONAL EXCELLENCE

- › Inspector for NBE & MCI
- › Examiner for UG, PG & Post Doctoral Courses in various specialties
- › Guided 30 Postgraduates
- › Supervised 14 DM / Postdoctoral Fellows
- › Mentored 3 PhD Scholars
- › Led major research projects sponsored by DBT, ICMR & more



RESEARCH & PUBLICATIONS

- › More than 42 research papers in National / International Journals
- › 38 Chapters in Books
- › Editorial Board Member & Reviewer of reputed journals
- › Edited Monograph on "Antibiotics: Uses & Abuses"



LEADERSHIP IN ISCCM / ICCM

- › Vice Chancellor (2016–17), Indian College of Critical Care Medicine
- › General Secretary (2014–15), ISCCM
- › Accreditation Coordinator (2010–14), ISCCM
- › Founding Board Member, Indian College of Critical Care Medicine
- › Founding Chairperson, Rohtak Branch of ISCCM



GUIDELINES & PROFESSIONAL CONTRIBUTIONS

- › Co-author of Guidelines on NIV & Tropical Fever in ICU
- › Member, Guideline Committee on CVP & Nebulisation Therapy
- › Actively contributing to advancement of Critical Care & Pulmonary Medicine at National & International level

A Legacy of Excellence in Pulmonary & Critical Care Medicine

Dr. Rajeev Tiwari

He/Him

Dean and Professor @ School of Artificial Intelligence,
Head Industry Connects – Engineering, Bennett University, Greater Noida

HIGHER EDUCATION | PLANNING & EXECUTION | RESEARCHER

A progressive researcher and a dynamic academician passionate about teaching, research and innovation. He strives to create impactful, technology-driven solutions for societal wellness. His research interests include **Wireless Networks (MANET, VANET), Network Simulations (NS2, SUMO), Cloud Computing, Machine Learning, and Internet of Things (IoT).**

KEY ACHIEVEMENTS

 **100%+**
Growth in
Research Output

 **3500+**
Students
Impacted

 **75+**
Faculty
Mentored

 **10+**
Strategic Policies
Framed &
Implemented

 **NAAC, NBA
& UGC Audit
Experience**

RESEARCH INTERESTS

-  Wireless Networks: MANET, VANET
-  Network Simulations: NS2, SUMO
-  Cloud Computing
-  Machine Learning
-  Internet of Things (IoT)

KEY CREDENTIALS & PUBLICATIONS

- ✓ Ph.D. in Computer Science, Thapar University (2016)
Topic: "Cache Invalidation Technique in Wireless Networks"
- ✓ 2 SCI Publications (Thomson Reuters / Springer)
- ✓ 5+ International Conference Publications (IEEE, Elsevier, etc.)
- ✓ AWS Certified Solution Architect (2017)
- ✓ Conference Speaker, Reviewer & Technical Session Chair
- ✓ Guided Research, Projects & Innovation Initiatives



KEY STRENGTHS & EXPERTISE



Academic Leadership

Strategic Planning, Execution, Curriculum Design, NEP Alignment



Research & Innovation

Strong Research Output, Research Policies, Ph.D. Mentorship



Industry Connect & Collaboration

Industry-Academia Bridge for Engineering, CSE, AI & Biotech



Technology Expertise

Cloud Computing, AWS, IoT, Wireless Networks, ML, Virtualization



Accreditation & Quality Assurance

NAAC, NBA, UGC Audit, Curriculum Design, Outcome Based Education



VISIONARY
LEADER



INNOVATOR



COLLABORATOR



ACADEMIC
TRANSFORMER

Empowering Minds. Enabling Innovation. Creating Impact.



PROFESSIONAL JOURNEY



**Dean School of Artificial Intelligence,
Head Industry Connects – Engineering**

Bennett University | Full-time
Jun 2025 – Present | On-site
Noida, Uttar Pradesh, India

- Enabling academic ecosystem for AI, process optimization through AI, NEP aligned curriculum, industry integration, research and innovation.



**Dean & Professor
School of Computer Science & Engineering**

IILM University, Greater Noida | Full-time
Aug 2023 – Jun 2025 | On-site
Greater Noida, India

- Framed 10+ key policies, NAAC processes, KRA, PBAS, Research reward policy; Improved research output by 100%+.



UPES, Dehradun

- **Professor & Head** | Mar 2022 – Aug 2023
- **Program Head – Systemic Cluster (M.Tech & B.Tech CSE – Cloud, MFT, IT Infra)** | Feb 2022 – Aug 2023
- **Sr. Associate Professor** | Jul 2020 – May 2022
- **Associate Professor** | Apr 2018 – Jul 2020
- **Assistant Professor (SS), SCS** | Jan 2016 – Mar 2018
- **Assistant Professor** | Aug 2012 – Dec 2015



Research Scholar – Ph.D.

Thapar University
Jan 2012 – Sep 2016
Patiala, Punjab, India

- Ph.D. in CSE on "Cache Invalidation Technique in Wireless Networks"



Assistant Professor

Haryana Engineering College, Jagadhri
Mar 2009 – Aug 2012

- Teaching & Research



Assistant Professor

Maharishi Markandeshwar University,
Mullana, Ambala
Jan 2008 – Mar 2009

- Teaching & Research



PROF. MANU MAHAJAN

Head, Department of Urban Design,
SPA Delhi & Secretary, ACSF

ABOUT

Prof. Manu Mahajan is an accomplished academician, urban designer and planner with extensive experience in teaching, research, and practice. With a strong commitment to sustainable and people-centric urban development, she has contributed to policy research, urban projects and academic leadership in the field of urban design and planning.

SPECIALTIES

- Urban Design
- Urban Planning
- Infrastructure Planning
- Urban Research

KEY HIGHLIGHTS



ACADEMIC LEADERSHIP

Head, Department of Urban Design at SPA Delhi



TEACHING EXCELLENCE

Over 15+ years of teaching experience at undergraduate and postgraduate levels



RESEARCH & POLICY INPUTS

Research Adviser to NIUA and contributor to urban policy reforms



PROFESSIONAL EXPERIENCE

Diverse experience across consultancy, industry and academia



MENTOR & GUIDE

Mentoring future urban leaders through academic and design studios



GLOBAL & LOCAL PERSPECTIVE

Bridging global best practices with local context and community needs

EXPERIENCE



Head, Department of Urban Design
School of Planning and Architecture, New Delhi
Jul 2025 – Present | 1 yr
New Delhi, Delhi, India • On-site



Associate Professor of Urban Design
Jul 2020 – Present | 6 yrs
India



School of Planning & Architecture, New Delhi
(Full-time)
6 yrs

Head, Department of Urban Design
Dec 2022 – Dec 2024 | 2 yrs 1 mo
New Delhi, Delhi, India • On-site



Assistant Professor of Urban Design
Aug 2013 – Jul 2020 | 7 yrs
New Delhi, Delhi, India



Research Adviser
National Institute of Urban Affairs (NIUA)
Jul 2015 – Sep 2015 | 3 mos • Greater Delhi Area
Provision of research inputs to NIUA on re-visit and re-draft Delhi Development Act, 1957



Principal Urban Planner/Designer
Halcrow Consulting India Private Limited
Feb 2012 – Aug 2013 | 1 yr 7 mos • Greater Delhi Area
Project Management and Urban Design



Visiting Faculty
Jamia Millia Islamia
Jul 2010 – Dec 2012 | 2 yrs 6 mos
Lectures for post graduate students of M.Arch and Design Studio for Urban Regeneration



Consultant
INTACH
Oct 2011 – Jan 2012 | 4 mos
Preparation of Model Heritage Bye-laws



Visiting Faculty
School of Planning & Architecture, New Delhi
Jul 2010 – Dec 2011 | 1 yr 6 mos
Design Studio for M.Arch. (Urban Design) and M.Plan (Regional Planning)



Consultant (Urban Planning and Design)
LEA Associates South Asia Pvt. Ltd.
Dec 2008 – Dec 2011 | 3 yrs 1 mo



Urban Designer
Reliance Haryana SEZ Ltd.
Apr 2008 – Dec 2008 | 9 mos



Visiting Faculty
Department of Urban Design,
School of Planning and Architecture
Jan 2008 – Apr 2008 | 4 mos
Visiting Faculty for Urban Morphology/
Thesis Seminar – Final Semester Students of M.Arch. (Urban Design). Responsibilities include guiding research of students, paper writing and presentation techniques.



DGM (Urban Design)
LEA Associates South Asia Pvt. Ltd.
Nov 2006 – Mar 2008 | 1 yr 5 mos



Senior Architect (Urban Design)
LEA Associates South Asia Pvt. Ltd.
Apr 2002 – Aug 2005 | 3 yrs 5 mos



Research Associate
School of Planning and Architecture
Jun 2000 – Mar 2002 | 1 yr 10 mos

“ Designing better cities for a sustainable tomorrow ”



Dr. MANOJ SHARMA

ASSOCIATE PROFESSOR

School of AI, Department of Computer Science Engineering,
Bennett University

◀ INVITED TALK I ▶

TOPIC: AI for the Future of Higher Education and Research: From Innovation to Trustworthy Decision-Making



AREAS OF EXPERTISE



Artificial
Intelligence



Image & Video
Restoration



Medical
Imaging



Explainable
AI



Robust
OCRs



Agriculture Imaging
& Food Quality



Smart Camera Systems
for Security

ACADEMIC & PROFESSIONAL HIGHLIGHTS



Associate Professor

School of AI, Department of
Computer Science Engineering,
Bennett University



Experience

Over 9+ years of experience in
academia and research



Education

Ph.D. (2020), IIT Delhi
M.Tech. (2012), NIT Hamirpur
B.Tech. (2009), UPTU



Research Focus

AI, Image & Video Processing, Medical Imaging,
Explainable AI, OCR, Agriculture Imaging,
Smart Camera Systems and more



Professional Distinctions

QHS CSIR Fellow | Vision India Paper in ICVGIP-2018
Samsung Project Fellowship | MHRD Fellowship



Research Projects

AI for Medical Imaging, Synthetic Video Generation,
Sensor Systems & Target Identification (DRDO)
and more



Dr. RABI NARAYAN SAHOO

INVITED TALK II

Principal Scientist and Program Leader
Indian Agricultural Research Institute (ICAR-IARI)

TOPIC:

Socializing the Pixel through Intelligent Sensing

CITATIONS

6517

FIELD OF SPECIALISATION



Remote Sensing



Soil Physics



Dr. Rabi Narayan Sahoo is Principal Scientist and Program Leader, ICAR Network Program on Precision Agriculture, Division of Agricultural Physics, Nanaji Deshmukh Plant Phenomics Centre, ICAR-Indian Agricultural Research Institute, Pusa Campus, New Delhi 110 012, India.



KEY HIGHLIGHTS



Role & Designation

Principal Scientist and Program Leader,
ICAR, Network Program on Precision
Agriculture



Affiliation

Division of Agricultural Physics,
Nanaji Deshmukh Plant Phenomics Centre,
ICAR-Indian Agricultural Research Institute
(IARI), Pusa Campus, New Delhi, India



Areas of Expertise

Remote Sensing, Soil Physics,
Precision Agriculture, Plant Phenomics,
Intelligent Sensing



Research Focus

Integration of advanced sensing
technologies and data analytics for
sustainable agriculture and
informed decision-making



Impact

Driving innovation in precision agriculture
through intelligent sensing, analytics and
phenomics for enhanced productivity and
resource efficiency



INTELLIGENT SENSING



PRECISION AGRICULTURE



DATA DRIVEN INSIGHTS



SUSTAINABLE IMPACT

INVITED TALK III

DR. NAVNEET PRATAP SINGH

TOPIC:

Trustworthy AI! Conformal Fairness and Reliable Decision Making Under Uncertainty

Assistant Professor

School of AI, Department of Computer Science Engineering,
Bennett University



Dr. Singh was an Assistant Professor at LNMIIT Jaipur from Jan 2021 to Aug. 2021. He earned his PhD in Computer Science & Engineering at the IIT Indore, India in 2021. Earlier, he completed M.Tech in Applied Mathematics from DIAT-DRDO, Pune, India in 2013. Broadly, he is working in the field of Computational Science. This encompasses the use of Mathematics and Computer Science to solve Science and Engineering problems.

Currently, he is working on preconditioning techniques, cheap preconditioning techniques, and inexact linear solves for model order reduction. Also exploring the applications of preconditioning techniques and inexact linear solves in the area of Machine Learning and Deep Learning.



Numerical
Linear Algebra



Model Order
Reduction &
Optimization



Machine
Learning



Object-
detection



Algorithm
Analysis



**COMPUTATIONAL
SCIENCE EXPERT**
Solving real-world
problems with
Mathematics & CS



RESEARCH FOCUS
Preconditioning,
Inexact Linear Solves,
Model Order Reduction,
Machine Learning



APPLICATION DRIVEN
Bridging theory
and practice in
Engineering & AI



**COMMITTED TO
INNOVATION**
Building trustworthy
and efficient AI
systems



RESEARCH AREA(S)

01



Numerical Linear Algebra

02



Model Order Reduction & Optimization

03



Machine Learning

04



Object-detection

05



Algorithm Analysis



EDUCATION



Ph.D in Computer Science & Engineering
IIT, Indore



M.Tech in Modelling and Simulation
(Applied Mathematics)
Defence Institute of Advanced
Technology, Pune



B.Tech in Computer Science & Engineering
Uttar Pradesh Technical University,
Lucknow, UP

PANEL DISCUSSION

MODERATOR

DR. DHRUVA CHAUDHRY

Head, Department of Pulmonary &
Critical Care Medicine,
University of Health Sciences Rohtak



01



DR. LATA SURESH

Head & Librarian,
IICA, Delhi

02



DR. AVINASH UPADHYAY

Data Scientist,
Ashoka University

03



**DR. RAJ KUMAR
BHARDWAJ**

Librarian,
St. Stephen's College, DU

04



DR. PAWANINDRA LAL

Senior Consultant – Robotic &
General Surgery,
Indraprastha Apollo Hospital,
New Delhi &
former Prof & Head, MAMC

05



MR. ADITYA GUPTA

Independent Corporate
Lawyer & Advisor,
EBC



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ADVANCING INNOVATION, INCLUSION & GLOBAL COLLABORATION

OPEN HOUSE – Q&A



Your Questions. Our Insights. Together for a Smarter Tomorrow.



ENGAGE
Ask freely



EXPLORE
Learn collectively



EXCHANGE
Share perspectives



EMPOWER
Drive meaningful impact