



Dr. FARHEEN BANO

Sr. Assistant Professor

Faculty of Architecture and Planning, Dr A.P.J. Abdul Kalam Technical University, Tagore Marg, Lucknow 226007

IGBC Accredited Professional

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COA Registration No: CA/2007/39552

IIA Member: A27042

ISHRAE Registration No. 59677

LAA Member: LAA23424

Short Profile: Dr. Farheen Bano, an architect, and accomplished educator, serves as a Senior Assistant Professor at the Faculty of Architecture and Planning, Dr. A.P.J. Abdul Kalam Technical University in Lucknow since 2012. With over 17 years of experience, she holds a Master of Architecture degree from IIT Roorkee and a PhD in environmental design from AKTU. Her expertise spans architectural design, sustainability, and energy-efficient building practices, reflected in her extensive research contributions published in reputable journals and her active role as an educator shaping the next generation of architects. As an accredited professional of the Indian Green Building Council, she actively promotes environmentally conscious approaches to architecture. She also works as a building performance analyst and energy analyst, utilizing her expertise to optimize energy efficiency and reduce environmental impact. Notable accolades include the prestigious National Award for Teachers 2023, recognizing her dedication to education and outstanding contributions to sustainable architecture. Her commitment extends beyond academia, as evidenced by her involvement in various consultancy projects, capacity-building initiatives, and memberships in professional bodies like IGBC, ISHRAE, LAA and the Indian Institute of Architects, reflecting her multifaceted contributions to the architectural community.

OBJECTIVE: To contribute as an architect, researcher, and Faculty of Architecture towards sustainable, resilient society development.

KEY SKILLS: Ability to communicate ideas to students through visuals.

Knowledge of different computer programs including Acad, Rhino Grasshopper, DesignBuilder, eQuest, Open Studio, SPSS, etc.

Programming Language: python

Excellent communication skills.

FIELD OF SPECIALIZATION:

- Climate responsive architecture
- Healthy Buildings
- Energy-efficient building design
- Building energy modeling and simulation
- Life cycle cost analysis

EDUCATION: **Doctor of Philosophy**, 17, August 2020
Topic: An optimized design for building envelope for office Buildings in Lucknow
Dr. APJ Abdul Kalam Technical University, India

Master of Architecture, 2008, 8.06 CGPA
Major: Sustainable Water Management in Housing
IIT Roorkee, India

Bachelor of Architecture, 2005, 75.9%
Government College of Architecture, Lucknow, India

WORK EXPERIENCE:

TEACHING:

Designation: Assistant Professor

Organization: Faculty of Architecture and Planning, Dr APJ Abdul Kalam Technical University, Lucknow.
Duration: 28.07.2012- till date

Designation: Assistant Professor (Architecture)

Organization: BABU BANARSIDAS UNIVERSITY
Duration: 06.05.2011- 25.07.2012

Designation: Assistant Professor (Architecture)

Organization: INTEGRAL UNIVERSITY, LUCKNOW
Duration: 05.07.2010 - 05.05.2011

Designation: Assistant Professor (Architecture)

Organization: JAMIA MILLIA ISLAMIA, NEW DELHI
Duration: 01.08.2008 - 31-07-2009

Designation: Lecturer Architecture

Organization: INTEGRAL UNIVERSITY, LUCKNOW
Duration: 20.01.2006 - 15.06.2006

PROFESSIONAL:

Designation: Senior Architect

Organization: DesignIcon, New Delhi
Duration: 24.11.08 - 30.01.2010

Designation: Executive Architect

Organization: ARKHION PVT.LMT., GURGAON
Duration: 01.09.08 - 17.12.2008

Designation: Architect

Organization: POINT ARCHITECTS PVT. LMT, LUCKNOW
Duration: 01.07.2005 - 20.01.2006

BOOK

Energy-Efficient Envelope Design for Office Buildings in Composite Climate

Dr Farheen Bano, Dr Vandana Sehgal
I I P Iterative International Publishers.
ISBN: 978-93-6252-765-3

PAPER PUBLISHED IN JOURNALS

Production of structural concrete and the effects of various waste materials on concrete used as partial replacements for cement

Samreen Bano, Neha Mumtaz, Farheen Bano, Vikash Singh & Syed Aqeel Ahmad. Indian Journal of Engineering & Materials Sciences, Vol. 31, February 2024, pp. 124-136. DOI: 10.56042/ijems.v31i1.4246
ISSN: 0971-4588 (print) 0975-1017 (Online)

Roofing systems and energy efficiency in low-rise buildings: A comparative study across India's diverse climates

F Bano, M Tahseen (Jan 2024)
Green Technologies and Sustainability 2 (2), 100065 (Elsevier-Science Direct) ISSN: 2949-7361
<https://doi.org/10.1016/j.grets.2023.100065>

Window Planning for Healthier Workplaces: IAQ Enhancement and Performance Benefits

F Bano, V Sehgal, R Singh (Dec 2023)
International Journal for Research in Applied Science & Engineering Technology (IJRASET) ISSN: 2321-9653, 11(12), 2199-2206
<https://doi.org/10.22214/ijraset.2023.57825>

Socio-Environmental Sustainability of Traditional Courtyard Houses of Lucknow and Varanasi

LA Verma, F Bano (Jan 2023)

U. Porto Journal of Engineering (ISSN 2183-6493) 9 (1), 72-103

https://doi.org/10.24840/2183-6493_009-001_001438

A scientific investigation explores the application of machine learning to assess the compressive strength of red mud-based concrete, enhanced with fly ash, for potential use as a building construction material

S Bano, M Neha, F Bano, SA Ahmad (August, 2023)

Asian Journal of Civil Engineering (ISSN 1563-0854) 25, 1707-1723

<https://doi.org/10.1007/s42107-023-00872-2>

Critical Review of Methods for Producing Recycled Aggregate Concrete from Construction and Demolition Waste

R Gulati, F Bano, M Amir, S Bano (June 2023)

World Journal of Innovative Research (WJIR) ISSN: 2454-8236, 14 (6), 44-52

<https://doi.org/10.31871/WJIR.14.6.5>

An Integrated Review on Construction and Demolition Waste Management in India: Most Recent Developments and Way Forward

R Gulati, F Bano, S Bano June 2023)

Indian Journal of Natural Sciences (ISSN-0976-0997) 14 (78), 56779-56794

Comparative Critical Analysis of Modern Architectural Styles

M Tandon, F Bano June 2023)

Indian Journal of Natural Sciences (ISSN-0976-0997) 14 (78), 57095-57106

Healthy Workplaces: The Impact of Building Design on Health, Productivity, and Social Well-being of an Occupant

F Bano, V Sehgal, Rupal Singh (June 2023)

World Journal of Innovative Research (WJIR) ISSN: 2454-8236, 14 (3), 22-33

<https://doi.org/10.31871/WJIR.14.3.7>

Integration of passive energy conservation measures in a detached residential building design in warm humid climate

Muhammad Abdul Mujeebu, Farheen Bano (June 2022)

Energy 255 (2022) 124587

ISSN 0360-5442, <https://doi.org/10.1016/j.energy.2022.124587>

Energy-saving potential and cost-effectiveness of active energy-efficiency measures for residential building in Warm-humid climate,

Muhammad Abdul Mujeebu, Farheen Bano (2022)

Energy for Sustainable Development, Elsevier, Volume 67, 163-176,

ISSN 0973-0826, <https://doi.org/10.1016/j.esd.2022.01.011>.

Study on Supplementary Cementitious Materials for Sustainable Development of Concrete

Samreen Bano, Farheen Bano, Syed Aqeel Ahmed (2022/6), *i-Manager's Journal on Material Science*, Volume 10 Issue 1, pages 31-39, 2347-2235

DOI: 10.26634/jims.10.1.18906

A Study on Using Biophilic Design to Connecting People with Nature

D Yadav, F Bano (2022/5)

International Journal for Research in Applied Science & Engineering Technology (IJRASET), Vol 10 Issue V, pages 2589-1602,

DOI: <https://doi.org/10.22214/ijraset.2022.42906>

Methodology for Effective Daylighting in Courtyard Houses of Composite Climate

Lalit Verma, Farheen Bano (2021)

International Journal of Innovative Technology and Exploring Engineering (IJITEE) Volume 10, Issue 5. 103-113.

ISSN: 2278-3075, DOI:10.35940/ijitee.E8687.0310521

Design guidelines for Net Zero Energy Building (NZEB) in Warm and Humid Climate of India

Dhruv Repuriya, Farheen Bano (2021)

Journal of Emerging Technologies and Innovative Research (JETIR) 8 (2), 294-2315. SSN: 2349-5162, <https://www.jetir.org/papers/JETIR2102284.pdf>

Energy Savings by Improved Envelope Design: A Case Study of Office Buildings in Lucknow India

Farheen Bano, Ritu Gulati

International Journal of Architecture, Engineering and Construction (2021) 10 (1), 32021002, 1-10, ISSN 1911-1118

<http://dx.doi.org/10.7492/IJAEC.2021.007>

Comparative Study: Energy Performance Analysis of Conventional Office Buildings at Lucknow.

Bano, F., & Sehgal, V. (2020). *A Journal of Design and Built Environment*, 20(1),24-34. ISSN: 1823-4208

<https://doi.org/10.22452/jdbe.vol20no1.3>

Finding the gaps and methodology of passive features of building envelope optimization and its requirement for office buildings in India.

Bano, F., & Sehgal, V. (March 2019). *Thermal Science and Engineering Progress*, Volume 9, 66-93. doi:<https://doi.org/10.1016/j.tsep.2018.11.004> ISSN 2451-9049

Evaluation of energy-efficient design strategies: Comparison of the thermal performance of energy-efficient office buildings in composite climate, India.

Bano, F., & Sehgal, V. (December 2018). *Solar energy*, Volume 176, 506-519. doi:<https://doi.org/10.1016/j.solener.2018.10.057> ISSN: 1471-1257

Bioclimatic building design guidelines for Lucknow city: Use of various climate analysis methods

F Bano, M Tahseen. (November 2017) *International Journal for Research in Applied Science and Engineering Engineering Technology*. Volume 5 Issue XI, 330-341. ISSN: 2321-9653; IC Value: 45.98; SJ Impact Factor:6.887 DOI: 10.22214/ijraset.2017.11049

Examining the Role of Building Envelope for Energy Efficiency in Office Buildings in India

F Bano, A.Kamal

Architecture Research (2016); Vol 6(5) Page No. - 107-115. p-ISSN: 2168-507X e-ISSN:2168-5088. doi:10.5923/j.arch.20160605.01

Early-Stage Design Guidelines for Net-Zero-Energy Office Buildings in Tropical Climate,

Bano, F., & Sehgal, V (April 2020) *IEEEExplore, IEEE*, 2020 International Conference on Contemporary Computing and Applications (IC3A), doi:10.1109/IC3A48958.2020.233286 ISSN 1803-7232.

Significance of Daylighting for Drug Addicts in Rehabilitations Centre

Renna Roy, Farheen Bano (2020), *International Journal of Science and Research (IJSR)* ISSN: 2319-7064, Volume 9 Issue 7, July 2020, 213-217, DOI: 10.21275/SR20702170654

Sustainable Water Management in Housing

Pushplata, Farheen Bano (2008) Paper published in Journal: 'Architecture: Time Space and People, July 2008

CONFERENCE PRECEEDINGS

Courtyards in North India's Residential Buildings

Lalit Akash Verma & Dr. Farheen Bano

INTERNATIONAL CONFERENCE ON CLIMATE CHANGE, CULTURAL HERITAGE & SUSTAINABLE HABITAT, FEBRUARY 17TH - 18TH, 2024, pp 142-143

ISBN : 978-81-19708-09-3

BUILDING HEALTHIER SPACES: ARCHITECTURAL INFLUENCE ON INDOOR AIR QUALITY IN LUCKNOW'S COLLEGES

F Bano, V Sehgal, Rupal Singh, 2nd Annual Conference IBSR 2024: March 7-9, 2024

An Integrated Review on Construction and Demolition Waste Management in India: Most Recent Developments and Way Forward

Dr. Ritu Gulati, Dr. Farheen Bano, Mohammad Amir

11th International Conference on Sustainable Waste Management & Circular Economy 2021 (11th IconSWM-CE) & IPLA Global Forum 2021 Management Services of Local Authorities

Early-Stage Design Guidelines for Net-Zero-Energy Office Buildings in Tropical Climate

Bano, F., & Sehgal, V. and Tahseen. M., (2020). *International Conference on Contemporary Computing and Applications (IC3A)*, Lucknow, India, 2020, pp. 143-149, doi: 10.1109/IC3A48958.2020.233286.

PAPER PRESENTED IN CONFERENCE/ SYMPOSIUM/ SEMINAR

Building Healthier Spaces: Architectural Influence on Indoor Air Quality in Lucknow Colleges.

2nd Annual Conference on 'Infrastructure and Built Environment: Towards Sustainable and Resilient Societies' (IBSR 2024) 7-8 March 2024 held by The Ranbir and Chitra Gupta School of Infrastructure Design and Management (RCGSIDM) at the Indian Institute of Technology Kharagpur.

Comparative Evaluation of the Impact of Roofing Systems on the Energy Efficiency of Low-Rise Buildings in the Various Climatic Conditions in India.

Bano, F., & Sehgal, V.. and Tahseen. M., (2023)

Paper presented in International Conference Innovation and Technological Advances for Sustainable Development (ITAS) Doha Qatar 1-3 March 2023 - Track 1: Environment & Climate Change. Published in IEE Xplore

USE OF RECYCLED CONCRETE AGGREGATE (RCA) WASTE AS AN ALTERNATIVE SOURCE IN THE CONSTRUCTION ERA

Dr. Ritu Gulati , Dr. Farheen Bano, Samreen Bano

International Conference on Condition Assessment, Rehabilitation & Retrofitting of Structures (CARRS 2023), 11-13 December 2023

Department of Civil Engineering, IIT Hyderabad

Healthy Workplaces: The Impact Of Ecological And Climate Responsive Design On Health, Productivity, And Social Well- Being Of An Occupant

Farheen Bano, Vandana Sehgal and Rupal Singh

VINC' 23 - 9th International conference on "Sustainable Development Goals: Improving human & planetary wellbeing - Research that builds our future", jointly organized with the Universitas Duta Bangsa Surakarta, Indonesia, and Belarus State Economic University, Belarus on 20th & 21st January 2023.

Scio- Environmental Sustainability of Traditional Courtyard houses of Lucknow and Varanasi

Ar Lalit Akash Verma, Dr Farheen Bano

ICOMOS India Scientific Symposium 2021: Cultural Landscapes: Transformations and emerging ideas, 19th-20th Nov 2021. Organized by ICOMOS and faculty of Architecture and Planning, AKTU, Lucknow

An Integrated Review on Construction and Demolition Waste Management in India: Most Recent Developments and Way Forward

Dr. Ritu Gulati, Dr. Farheen Bano, Mohammad Aamir

11th International Conference on Sustainable Waste Management & Circular Economy 2021 (11th IconSWM-CE) & IPLA Global Forum 2021

Venue: IconSWM-ISWMAW Secretariat, Jadavpur University, Kolkata, India (Virtual Mode); December 01-04, 2021.

Organised by :International Society of Waste Management, Air and Water (ISWMAW), Centre for Sustainable Development & Resource Efficiency Management, Jadavpur University, and IPLA - International Partnership for Expanding Waste Management Services of Local Authorities

Early-Stage Design Guidelines for Net-Zero-Energy Office Buildings in Tropical Climate”, International Conference on Contemporary Computing and Applications organized by Dr. APJ Abdul Kalam

Technical University, 5-7 Feb 2020.

Optimization of Energy Efficient Building Envelope for Office Buildings in Lucknow

International Young Researchers' South Asian Symposium on Sustainable Development Goals (SDGs), 6-8 Oct, 2016, Teri University, new Delhi

Organized Parking: A keyword to Sustainable Development

World Habitat day “Better city Better Life” 7 Oct 2010, Integral University, Lucknow

Healthy Dwellings In Accordance With Green Building Rating Systems

Paper presented in Conference: National Seminar on Housing , Kolkata, India, 15-17 dec,2007

**INVITED LECTURES AND
RESOURCE PERSON AT
NATIONAL OR
INTERNATIONAL
CONFERENCE/SEMINAR/FDP**

Resource person in 05 – Day the National Level Online Faculty Development Program on “Manifesting the Utilization of Softwares in Architecture” conducted from “30th Oct to 3rd Nov 2023” **Presented “Enhancing Architectural Research through Simulation and Visualization Tools”**. Organised by Chettinad School of Architecture, Kelambakkam, Chennai along with the COA-TRC, Bhopal

Moderator -session 4-Technologies and Related pathways for mitigation and adaptation with focus on water, waste Management, Health, Air URB CARE- International Conference on Urban Climate resilience- Nov 22-23 2023

Organized by Faculty of Architecture, AKTU, Lucknow in partnership with VITO Belgium under the banner of GSTIC.

Panelist in an exclusive networking event organized by USGBC / GBCI, “LEED in Lucknow- In dialogue with USGBC and GBCI”, on 15 June 2023 from 3:30 pm to 5:30 pm at Fortune Park BBD (ITC Hotel Group), Lucknow.

Webinar on Healthy workplaces, organized by ISHRAE UP Chapter on 10th June 2023 4-5 pm

Resource person in 05 – Day National Level Online Faculty Development on Integrating Simulation Software for Optimal Building and Urban Built Environment, COUNCIL OF ARCHITECTURE, TRAINING AND RESEARCH CENTRE, BHOPAL, In collaboration with NIT Patna Date : 17th to 21st July 2023 TIME : 01:00PM – 04:00 PM. Topic- **Building energy modelling and simulation for Net zero energy buildings**

Resource person in 05 – Day Faculty Development Program (FDP) on

Recent Technological Advancements in Civil Engineering. On 23/08/2023 (Afternoon Session) at Shri Ramswaroop Memorial College of Engineering

& Management, Lucknow. Topic- Net zero energy Buildings

Energy-Efficient Building Envelope

Paper presented on the platform of Webinar Uttar Pradesh Energy Conservation Building Code 2018 in association with AKTU University Lucknow, September 30th | 2020 | 12:00 to 12:50pm

Building energy modelling and simulation for Net zero energy buildings

Paper presented on June 26th 2020 from 2:00 to 3:30pm in eFDP "Emerging Trends in Architecture", 22-26, JUNE 2020. organized by FACULTY OF ARCHITECTURE, AKTU, LUCKNOW

Building Energy Modelling & Simulations

Paper presented in Webinar Weekly Series hosted by Faculty of Architecture and Planning, AKTU, Lucknow. 02nd May 2020 at 03:00 pm-5:00pm.

Simulation and Energy Efficiency

Paper Presented in FDP Research in architecture: Tools, Methods and Practices, 12-23 June 2017, organized by FACULTY OF ARCHITECTURE, AKTU, LUCKNOW

Judge- Karwan National Design Competition 2020

Juror- for 66th year ANDC Jury - Annual NASA Design Competition-2023

Jury Member- Evaluation of Design Competition to be held for Bank's residential Projects at Sitapur Road, Lucknow. Bank organized competition at RBI, Lucknow on 29-30 March, 23

Jury Member- Evaluation of Design Competition to be held for Bank's residential Projects at Gomti Nagar Plot, RBI, Lucknow. Bank organized competition at RBI, Lucknow on 20 December, 23

RESEARCH/ CONSULTANCY PROJECTS

Climate robust and resilient waste governance in India: a pilot of capacity building and awareness raising in Ayodhya, (the Project), initiated by the Flemish Government (the Authority) within the G-STIC Climate Action Programme 2022. in partnership with VITO Belgium

Research Team: Dr Vandana Sehgal, Dr Ritu Gulati, Dr Farheen Bano

Total project budget : 234960,00 EUR (85% subsidy by Government of Flanders) institute share: 11.679,27 euro= 10 lacs

HEALTHY WORKPLACES: THE IMPACT OF ECOLOGICAL AND CLIMATE RESPONSIVE DESIGN ON HEALTH, PRODUCTIVITY AND SOCIAL WELLBEING OF AN OCCUPANT

Research Project sponsored by Indian Council of Social Science Research (ICSSR) New Delhi sanctioned for 2 years and started from 1st May 2022.

Dr. Farheen Bano (PD), Dr. Vandana Sehgal (Co-PD).

Amount: 8.5 lacs

CAPACITY BUILDING OF FACULTY STAFF, STUDENTS AND YOUTH FOR URBAN CLIMATE RESILIENCE: AYODHYA IMPLEMENTATION (BCAUSYOU CARE)

Research Team: Dr Vandana Sehgal, Dr Ritu Gulati, Dr Farheen Bano and Ar. Gaurav Singh

Project type: Dissemination Project in partnership with VITO Belgium

Duration of project (including start and end date) : January 2022 – December 2023

Total project budget: 234960,00 EUR (85% subsidy by Government of Flanders) institute share: 67,575 euro

VIABILITY ASSESSMENT OF CONSTRUCTION AND DEMOLITION WASTE AS LOW-COST AND SUSTAINABLE MATERIALS FOR HOUSING SOLUTIONS IN LUCKNOW REGION

Co-PI. Research project received Council of Science and Technology (CST), UP funded Project entitled sanctioned for the period of 3 years. Amount Mobilized: 11 lacs. Started from July 5th 2021.

THIRD PARTY AUDIT OF PROJECTS BY TOURISM DEPARTMENT

Projects under Ramayana circuit and Buddhist circuit under Swadesh Darshan scheme. Amount Mobilized: 85 lacs.

WORLD BANK PRO-POOR PROJECT FOR SARNATH AND KUSHINAGAR CONSULTANCIES WORLD BANK. Amount Mobilized: 47.00 lakhs. Completed.

VETTING OF DPR FROM INTEGRAL UNIVERSITY, LUCKNOW

INTEGRAL UNIVERSITY, LUCKNOW. 10/11/22 TO 1/12/22. Amount Mobilized: 1.5 lac. Completed.

**QIP/FDP/WORKSHOP/
CONFERENCE ORGANISED**

URBCARE- International Conference on Urban Climate resilience- Nov 22-23 2023

Organized by Faculty of Architecture, AKTU, Lucknow in partnership with VITO Belgium under the banner of GSTIC.

LIDAR Documentation and VR Applications

Workshop from 1st June to 30 June 2023 organized by Geosystems and Survey Software Pvt. LMT. and Faculty of Architecture and Planning, AKTU, Lucknow

VR Taining-5-9 April 2023 for faculty and student of FOAP AKTU

eFDP on "Emerging Trends in Architecture"

Duration:1 Week, 22-26 June 2020

Organized by: Faculty of Architecture and Planning, AKTU, Lucknow

Science of Dealing with Data Analysis (SPSS Data Processing)

Webinar conducted in Webinar Weekly Series hosted by Faculty of Architecture and Planning, AKTU, Lucknow. By Anshul Ujlayan, Data Scientist. Date: April 27th 2020 & April 28th 2020. Time: 11:00 am -1:00pm

Building Information Modelling

W1 Session 5 & Session 6: By Sowmya K R, BIM – Trainer. Date: 29th April 2020 & 30th April 2020. Time: 11:00 am -1:00pm

**QIP/FDP/WORKSHOP/
CONFERENCE ATTENDED**

Safety in Architecture: Educating on the design of Architectural spaces with due consideration to User Safety

Duration: 1 week 1st April 2024 to 5th April 2024

Organized by: COA TRC PUNE

Innovation in AI and its Application in Architecture and Design

Duration: 1 week 29th January 2024 to 2nd February 2024

Organized by: COA TRC PUNE

LIDAR Documentation and VR Applications

Workshop from 1st June to 30 June 2023 organized by Geosystems and Survey Software Pvt. LMT. and Faculty of Architecture and Planning, AKTU, Lucknow

ARP-FDP: Advancing Research Capabilities in Architecture and Planning,

Duration: 1 week- 20th to 24th February 2023

Organized by: Faculty of Architecture and Planning, AKTU, Lucknow

2-week online training- Daylight simulation using grasshopper tools

Duration: 2 weeks from 2nd August 2021 to 15th August 2021

Organized by: Environmental Design Solutions

eFDP - Data Collection, Assessment and Planning for a Green Campus

Duration: 1 week 14-18 Dec, 2021

Organized by: CSE, New Delhi

FDP- Joy of Computing with Python

Duration: (1.5 week FDP) 12 weeks 13 sept-05 Dec, 2020

Organized by: Swayam

FDP- Principles and applications of building science

Duration: (0.5 week FDP) 4 weeks 14 sept-10 Oct, 2020

Organized by: Swayam

eFDP on " Waste Management & Environmental Protection: A Sustainable Approach"

Duration: 1 Week, 12-17 Oct' 2020

Organized by: Nitte Meenakshi Institute of Technology, Bangalore.

eFDP on "Emerging Trends in Architecture"

Duration: 1 Week, 22-26 June 2020

Organized by: Faculty of Architecture and Planning, AKTU, Lucknow

FDP on "Computer Application in Architecture"

Duration: 1 Week, 10-14 June 2019

Organized by: Faculty of Architecture and Planning, AKTU, Lucknow

A 4-week online certification course on DesignBuilder Software

Duration: 4 WEEKS, MAY 22ND -19 JUNE 2017

Organized by: ITPower India, New Delhi

FDP on "Research in architecture: Tools, Methods and Practices"

Duration: 2 WEEKS, 12-23 JUNE 2017

Organized by: Faculty of Architecture, AKTU, Tagore Marg, Lucknow

FDP on "Sustainability: Vision to Practice"

Duration: 1 WEEK, 22-26 FEB 2016

Organized by: Faculty of Architecture, UPTU, Tagore Marg, Lucknow

Building sense: Sustainable Building Policies and Practices

Duration: 3 days, 28th - 30th October, 2015

Organized by: Centre for science and Environment, New Delhi

Workshop on "Advance Digital Practices by Studio Symbiosis: Iconoclastic Tower V2.0"

Duration: 1.5 WEEKS, 5-12 JULY 2014

Organized by: Sushant school of Art and Architecture, Gurgaon

FDP on "Architectural Pedagogy: Emerging Ideologies & Trends"

Duration: 2 WEEK, 16-27 JUNE 2014

Organized by: FACULTY OF ARCHITECTURE, UPTU, LUCKNOW

ADMINISTRATIVE DUTIES

M.Arch. (Environmental Design) – Course Coordinator

IQAC Director

Environmental Lab in-charge

VR Lab In-charge

Faculty in charge AICTE, COA, UGC, NAAC, NBA, etc. approvals

Faculty in charge B.Arch. M.Arch Dissertation/Thesis Coordinator

Warden girls' hostel

MEMBERSHIPS

Council of Architecture

CA/2007/39532

Indian Institute of Architects
Associate member- A27042

Lucknow Architect Association
LAA23424

ISHARE
59677 (2020)

IGBC Accredited Professional (2021)
IGBC Institutional Membership
IGBCIST230014

InSc Membership
LMINSC life member of INSC (2023)

AWARD

NATIONAL AWARD TO TEACHERS 2023
Award, Citation and a silver medal

Presented by Honorable President of India and Selected by ministry of Education, Govt of India on the auspicious occasion of Teachers Day September 5 2023 at Vigyan Bhawan, New Delhi.

BEST TEACHER AWARD and CITATION

For the growth and development of the Institution, both Academically and Administratively

By Dr. APJ Abdul Kalam Technical University on the auspicious occasion of Teachers Day September 5 2021

INTERNATIONAL BEST RESEARCHER IN ARCHITECTURE

By RESEARCH PEACE AWARD OF 2019 RULA AWARD 2019

उत्कृष्ट शिक्षक पुरस्कार 2022 (Outstanding Teacher Award)

by the International Institute of Organized Research (I2OR), which is registered under the MSME (Micro, Small, and Medium Enterprises) category of the Government of India

Research Excellence Award 2023,

by INSC Institute of Scholars, registered under the MSME (Micro, Small, and Medium Enterprises) category of the Government of India.

SOCIAL OUTREACH

Educator in CLICKS -Climate Change Knowledge for Schools.

The School outreach Program of BCAUSYOU CARE- July 2023

REPORTS PREPARED

Proposal for the Center of Excellence (UTTAR PRADESH DIVISION OF ENVIRONMENTAL SUSTAINABILITY AND HUMAN SETTLEMENT (UPDESH)) As provided in the Guidelines for Identification of Academic Institutions as Centre of Excellence in Urban Planning and Design, Ministry of Housing and Urban Affairs, Government of India September, 2022.

Proposal for establishing a Center of Excellence for Clean Air and Energy, submitted to CST UP, March 2024

Third party audit report of for construction projects in Ayodhya executed by UP Tourism.

Research Projects – Annual Progress Reports.

Laboratory Manual- Listing all equipment

Monthly Progress report of Institute

Annual Progress report of Institute for AKTU Convocation