

JOYDEEP DUTTA, PhD

Registered Architect-Planner, COA, AILA, AITP

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Date of Birth: April 30, 1967

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Highlights: 30 years of hands-on experience in Architecture, Urban Planning, Building Construction
Unique combination of Corporate/Administrative and Academic/Research experience
Corporate Leadership experience in Design/Project Management/Techno-commercial
Strong R&D and academic background; Teaching experience in IIT/Mumbai University
Excellent communication and inter-personal skills

Education: Doctor of Philosophy in Architecture & Urban Planning, IIT Kharagpur, 2007-08
Master of Urban Planning – University of Illinois at Urbana-Champaign, USA, 1996
Bachelor of Architecture (Honours), IIT Kharagpur, India, 1991
Research Fellow at ASTRA, Indian Institute of Science Bangalore, short-term, 1992
St. Xavier's Collegiate School, Kolkata (Gold medalist as School topper), 1984, 1986
Post-graduate Certificate in Indian Aesthetics, *Jnanapravaha*, Mumbai (2018-19)

Work Experience:

- Professor & Academic Coordinator, Pillai HOC College of Arch; Mumbai Univ. (Oct '15 – present)
- Free-lance consulting & mentoring: Independent Architecture/ Planning practice (2012 – present)
- Senior VP (Design Engineering& Approval), Magus Consulting, Mumbai (Nov '12 – May 2015)
- Assistant VP – Head Retail Design, EPC Division, Reliance Industries, Mumbai (Feb – Nov '12)
- General Manager - Design, Corporate Projects, Taj Group of Hotels, Mumbai (2008 –Feb '12)
- Assistant Professor, Dept. of Architecture & Planning, IIT Kharagpur (1999 – 2008)
- Chief Architect, M/s S. Bhattacharyya & Associates, Kolkata (1995 – 1999)
- Graduate Trainee, U.S. Army Construction Engineering Research Labs, IL, USA (1993 - 1995)

Teaching & Research Experience:

- Presently Professor & Academic Coordinator, Pillai HOC College of Architecture, Rasayani
- IQAC (Internal Quality Assurance Cell) & NAAC (National Assessment & Accreditation Council) Coordinator, Pillai HOC College of Architecture, Rasayani
- Member, Board of Studies for Faculty of Architecture, Dr. Babasaheb Ambedkar Technological University (DBATU), Maharashtra (April 2017 – present)
- Member of Expert Panel for Review of Academic Syllabus of B. Arch, Mumbai University (2018)
- Peer Reviewer, International Journal of Design & Built Environment (JDBE: Scopus Index, 2018)

- Guest Editor, E-Journal of Indian Culture & Society (Indian Architecture: Green Heritage), 2008
- Formerly Assistant Professor, Dept. of Architecture & Planning, IIT Kharagpur (1999 – 2008)
- Formerly Visiting Faculty at Sir J.J. College of Architecture; KRVIA (Kamla Raheja), Mumbai
- Appointed Adjunct Professor at Dept. of Architecture, NIT Patna (2015 – present)
- Expert Speaker & Juror, School of Planning & Architecture (SPA) Bhopal (Feb 2017 – present)
- Invited as Guest Lecturer/Speaker at various Universities/Colleges (1999 - present)
- External Examiners for PhD theses from IEST Shibpur, Jadavpur University & DCRUST Sonapat
- Supervised Masters Theses (9 listed herein), B. Arch Theses (50+ nos.) & 1 PhD student (partial).
- Supervised Master's Students of City Planning; Urban Planning Workshop: MCP, IIT Kharagpur
- Supervised various B. Arch studios & Urban Planning Studios; Urban Design Studio; Architectural Design Studio; Interior Design Studio; Landscape & Site Planning Studio, Basic Design Studio, etc.
- Taught theory courses for B. Arch: History of Architecture; Humanities; Theory of Architecture; Construction Project Management; Working Drawing; Introduction to Architecture; Art & Aesthetics; Advanced Research Techniques, etc.
- Authored & organized National Exhibition (MHRD) – *MadhuVidya* (Ancient Indo-Architecture)
- Published several research papers & attended international conferences on Architecture & Planning
- Doctoral Thesis: “A Decision Model for Retail Locations in Indian Cities”, IIT Kharagpur, 2007

Corporate Leadership Positions/ Selected Projects handled:

- ***Magus Consulting P Ltd; Sr. VP (Business Unit Head) – Design, Engineering & Approvals***

Responsible for overall Profit & Loss of Organization;

Creating Business Strategy, heading Business Development & Marketing Activities;

Design Delivery & Coordination, creating Standard Operating Procedures, etc.;

Coordinating IGBC pre-certification and Environmental Clearance compliances

Key Projects:

35 acres Empire Industrial Centrum (Mixed use Development) for Empire Industries at Ambarnath

60 acres Asmeeta Texpa: Integrated Textile Park for Hubtown (formerly Ackruti) at Bhiwandi

200 acres Renaissance Infrastructure: Integrated Warehousing & Logistics Park at Kalyan-Bhiwandi

50 acres Sunderrao Solanke Integrated Textile Park for Creative Garments at Beed, Maharashtra

180 acres Golf-course & Tourism - Convention Centre for Inspira Hospitality at Aurangabad

220 acres Stud Farm, Polo Field & Second Homes for Blue Rose Properties at Nanoli, Lonavala

40 acres Riverfront Development along R. Tapi, for Tapimai Aqua Sports Resorts at Dhule, MH.

- ***Reliance Industries Ltd., AVP (EPC Division), Head – Retail Design***

Heading a team of Architects & engineers, responsible for overseeing entire Design & Costing process of Malls-cum-Multiplexes;

Handled the Design, Engineering & Approvals process for over 20 green-field projects pan India;

Actively driving and managing 12+ renowned Architecture practices pan-India Plus to design & deliver drawings for all Design stages, basis the Business & Marketing expectations

Key Projects:

Reliance Greenfield Mall-cum-Multiplexes of average built-up area of 1.0 million – total over 5.0 million sq. ft. at various across India within a span of 9 months;

Projects at New Delhi, Ahmedabad, Hyderabad, Salem, Vadodara, Surat, Rajkot, Bhilwara, Bathinda, Aurangabad, etc. (6 projects under construction);

Creation of Standardized Interior Design elements, Finishes & Details for replication across projects

• ***Taj Group of Hotels, GM – Design (Technical Services Group)***

Single point of contact (Principal Design Manager) for all technical services during design & construction of hotel projects;

Drive the Design along with all specialized consultants, PMC & QS, as well as statutory authorities for development approvals;

Planning & tracking Master Budget & Time Schedule for project – end to end responsibility

Key Projects:

6 International Luxury Hotels (Taj Exotica Resort & Spa): Taj Palace @ Cape Town, Taj Exotica Temple of Heaven @ Beijing, Taj Exotica @ Tangier Morocco, Taj Exotica Palm Jumeirah @ Dubai, Taj Exotica Golf Resort @ Doha, Taj Exotica @ Abu Dhabi

4 Luxury Vivanta & Gateway Hotels: Taj Sea Rock @ Mumbai, Taj Vivanta @ Rishikesh, Taj Gateway @ Nashik, Taj Gateway @ Theog, Shimla

R&D Lead for Security, Fire & Life Safety installations for Taj Mahal Palace & Towers, Mumbai (2009)

Professional Consulting (1995 – 2008):

Architecture & Project Management (selected projects):

- Central Research Facility Building, IIT Kharagpur, 2003 – 2006
- DAV Model School, Extension building, IIT Kharagpur campus, 2002 – 2005
- Master Plan and Facility Design for Eco-Tourism Park at Gopegarh, Midnapore; Directorate of Forests. GoWB, East Midnapore, 2000-2001
- Master Plan & Architectural Design of Aquaculture University, Faculty of Animal & Fisheries Sciences, GoWB, Chakgaria, 1995-99
- Corporate Headquarters, Benfish, GoWB, Salt Lake, 1996-1999
- Frank Anthony Public School, Extension Building, Kolkata, 1996-1998
- Apeejay School, Salt Lake Campus, Kolkata, 1996-1998

Urban & Regional Planning (selected projects):

- Co-consultant, Perspective Plan for Kharagpur-Midnapur Development Area, 2008

- Co-consultant, Perspective Plan, Siliguri Jalpaiguri Development Area, 2002 – 2005
- Co-consultant, Eco-zone Plan for Vrindavan, Environmental Heritage Planning for GTZ-ASEM and Central Pollution Control Board, New Delhi, 2004-05
- Co-consultant: Preparation of Perspective Plan with Developmental Programmes for Islampur Town; Client: Islampur Municipality, North Dinajpur, West Bengal, 2002.
- Member, Planning Action Group, City of East Saint Louis, Missouri, USA, 1994-95

National Level Organizational/Administrative Experience:

- Paper Setter for GATE (AR paper): 2002, 2004, 2006
- Paper Setter for Design Aptitude Test, IIT JEE: 2004
- Inspection Team Member for Council of Architecture (COA) since 2015
- Chief Mentor, *Konstrukt: Design & Innovation Awards*, Industry Awards in Arch in W.B. (2016 -)
- Executive Committee, ITPI (Institute of Town Planners of India), 2001 – 2006.
- Executive Member (Secretary), Technology Alumni Association, Kharagpur Chapter, 2004
- Training & Placement In-charge (UG), Dept. of Architecture, IIT Kharagpur – responsible for industry networking for student training and placements; 2004-2008
- Overall Academic Coordinator, Pillai HOC College of Architecture – responsible for restructuring of the entire Architectural pedagogy and academic strategy (2015-16 – present)
- Steering Committee Member: Joint Program IIT Kharagpur & University of Illinois at Urbana Champaign, USA; Golden Jubilee Celebrations of IIT system, 2001.
- Coordinator-in-Chief, Eastern Zonal NASA (National Association of Students of Architecture), hosted by Students of IIT Kharagpur, 2004
- Faculty Advisor, Spring Fest & Kshitij, IIT Kharagpur – responsible for overall planning and structuring of student cultural and technical fests, 2001 - 2005
- Governing Body Member, *Mallbar*, Institute of Music Dance & Art, Kolkata (1999 – present)

Sponsored Research & Laboratory Development:

- Principal Investigator: Decision Support System for Urban Retail Locations, IIT Kharagpur, ISIRD Scheme, 2000 – 2001.
- Co-investigator: NPCBAERM (National Programme for Capacity Building for Architects in Earthquake Risk Management), Ministry of Home Affairs, GoI (PI: Prof. U.K. Banerjee), 2005.
- Graphics & Visual Communication (GVC) Laboratory (Teaching Lab with Graphic & Animation, Film shooting & editing software); Institute Funding Rs. 80 lakhs, 2004.

Publications in Research Journals/ Book Chapters:

- Dutta, J: “Idealism in Indian Aesthetics: A Short Note on Two Early Twentieth Century Thinkers,” Chapter in Book: *Indian Aesthetics: Convergences and Divergences* (eds. Patnaik & Sen), pp. 126 – 130, D.K. Printworld, 2022.
- Dutta J: “Energy, Nature and the Built Environment”, *Annual Journal of Women’s College Silchar, Assam*, Vol. 3, 2010.

- Dutta, J. and Sen J: “Time & Architecture: Dialogues – the Indian Perspective,” Chapter in Book: Time in Indian Culture (eds. Patnaik, Chatterjee & Suar), pp. 201 – 210, D.K. Printworld, 2009.
- Mandal, S.K. and Dutta, J: “Integrated Bio-Medical Waste Management Plan for Patna City,” Journal of Institute of Town Planners, Vol. 6, No.2, pp. 01 – 25, 2009.
- Dutta, J: Retail Planning: A Bright new horizon for Urban Planners & Geographers,” Planners’ Newsletter, Institute of Town Planners, India, Vol. 20, December 2004.
- Dutta, J and Banerjee U.K: “Retail Location Theories and Prediction Techniques: An overview of Various Approaches” in Spatio-Economic Development Record, Vol. 9, No.5, Sep-Oct 2002.
- Dutta, J: “Geographical Information Systems – an Overview,” *Prayukti*, Journal on Science & Technology published by R.K. Mission, Vol. 6, No.1, January 2001.
- Dutta, J: “Public Awareness & Participation: Survival Strategies for the Planning Profession,” Planners’ Newsletter, Institute of Town Planners, India, Vol. 16, Sep 1999.

Publications/ Papers in Conference Proceedings:

- Dutta J: “Bridging the Gap- Between the Pre-design & Proto -design in Healthcare and Hospitality,” Invited Institute Lecture, School of Planning & Architecture (SPA) Bhopal, November 2020.
- Dutta J: “Seeing the Unseen: The Ideas underlying Built Form,” Invited Institute Lecture, School of Planning & Architecture (SPA) Bhopal, February 2017.
- Dutta J: “The Case of the Smart Village: Global Aspirations, Local Applications,” Invited Keynote Speaker at Konstrukt 2.0 Technical Conclave, Kolkata, September 2016.
- Dutta J: “Idealism in Indian Aesthetics – Two early twentieth-century thinkers,” Invited Speaker at International Conference on Indian Aesthetics, IIT Kharagpur, February 2010.
- Dutta, J: “Construction Project Management in Eco-cities”, for “Eco-cities: Area-wide environmental improvement through comprehensive urban management systems”, Invited Lecture at IIT Kharagpur (Collaboration with GTZ-ASEM, Germany and CPCB New Delhi), January 2004.
- Dutta, J: “Employing Game Theoretic formulations to ascertain competitive attitude of retailers in India,” 8th International Conference on Computers in Urban Planning and Urban Management (CUPUM), Sendai, Japan, May 2003.
- Dutta, J: “Architecture & Planning Education: Emerging Technology and Techniques,” ITPI Eastern Zonal Conference on Architectural & Planning Education, IIT Kharagpur, July 2003.
- Dutta, J. and Sen, J: “*MadhuVidya*: Treatise on Traditional Architectural & Planning Wisdom,” Proceedings at National Exhibition at New Delhi (India Habitat Centre), organized by IIT Kharagpur & Viswa-Bharati University Shantiniketan, January 2001.
- Dutta J. and Sen, J: “Revival for Cultural Continuity – Case of Indian Vernacular and Traditional Architecture,” Keynote speaker for Session on *VastuVidya*, IIT Kharagpur, November 2000.
- Dutta, J: “The 3-D’s of Heritage: Database, Documentation & Dissemination,” Proceedings of National Conference on Traditional Architecture, *VastuVidya*, IIT Kharagpur, November 2000.
- Dutta, J: “Voluntary Action in India: Towards formulating a utility-index system for the Third Sector,” Paper presented in “Approach to Planning in 2000 and beyond”, IIT Roorkee, April 2000.

- Dutta, J, and George R.V: “Investigating Cognitive Sketch Maps Using Hypermedia Technology and Videography,” International Conference on New Technology in Planning, University of Illinois at Urbana-Champaign (UIUC), USA, 1995.
- Dutta, J, Freudenberg. L and Goldenbaum, D: “The Downtown Urbana Enhancement Plan,” Urban Design paper published in The Spring Gazette, 1994, Government of Urbana, Illinois, 1994.
- Dutta, J: “Vernacular Architecture in India,” Proceedings of Sensitization Workshop for Young Scientists, Department of Science & Technology (New Delhi) at the Indian Institute of Sciences, Bangalore, September 1992.

List of Theses supervised at Masters Level (at IIT Kharagpur):

- Ajay Kumar: Planning for Potential Commercial Locations in Patna Urban Area, (2008)
- Anamika Das: Planning for Barrackpore – A Future Growth Node for Kolkata by 2025, (2007)
- Priyanka Sahay: Planning for Retail Commercial Development in Lucknow, (2007)
- Suresh Berra: Planning for Organized Retail in Vishakhapatnam, (2006)
- Shailendra K. Mandal: Integrated Bio-Medical Waste Management Plan for Patna, (2005)
- Neha Bansal: Solid Waste Management of Nagpur – Site Sustainability using GIS as a tool, (2004)
- Amitava Sarkar: Impact of Kolkata Metro Railway Extension (from Tollygunge to Garia) on Commerce & Surface Dispersal, (2002)
- Pankaj Bahadure: Revitalization of Sitabuldi Commercial Hub of Nagpur, (2001)
- Sudhir I. Jahangir: Using GIS for Planning Bus Routes in Cochin, (2000).

Professional Affiliations:

Registered Member, Council of Architecture, New Delhi (COA)

Associate Member, Indian Institute of Architects (AIIA)

Associate Member, Institute of Town Planners of India (AITP)

Governing Body Member, *Mallbar*, Institute of Music Dance & Art, Kolkata

Honours & Awards:

Full Research Assistantship for M.U.P at University of Illinois Urbana Champaign, USA (1993-95)

Best Architectural Thesis Award, B. Arch, Dept. of Architecture & Planning, IIT Kharagpur (1991)

Best Outgoing Student, IIT Kharagpur Patel Hall of Residence (1991)

Gold Medal, St. Xavier’s School Kolkata – State-level 1st rank in School Leaving Examination (1984)

Co-curricular Interests:

History & Theory, Aesthetics, Fine & Applied Arts, Photography, Literature, Dramatics, Film & Music

References:

Available upon request.