

Curriculum Vitae



Dr. Amitava Sarkar

Associate Professor,
Department of Architecture,
School of Planning and Architecture Vijayawada,
(An Institute of National Importance,
Established by the Ministry of Education, Govt. of India)
Vijayawada, Andhra Pradesh - 520008, India
Mobile: +91 9418418123, +91 7018612392
E-mail: amitava.sarkar@spav.ac.in , amitava.sarkar3@gmail.com

❖ Academic Qualification:

Degree	Stream/ Specialization	Division/ CGPA	Year of passing	University/ Institution/ Board
Ph.D.	Architecture	-	2016	Jadavpur University, Kolkata
M.C.P.	City Planning	8.14/10	2002	Indian Institute of Technology, Kharagpur (W.B.) (MHRD-GATE Scholarship)
B.Arch.	Architecture	First Class	2001	Adhiyamaan College of Engineering, Hosur (T.N.) University of Madras

❖ Ph. D. Thesis Title:

“Exploration of naturally ventilated residential buildings for thermal comfort and energy conservation in Mandi, Himachal Pradesh - through field-survey”

❖ PG Thesis Title:

“Impact of the Kolkata Metro-railway extension - (from Tollygunge to Garia) on commerce and surface dispersal”

❖ Professional Experience:

Position/Designation	Name of Institution	From	To
Associate Professor	School of Planning and Architecture Vijayawada, A.P. - 520008	15/01/2019	Till date
Assistant Professor	National Institute of Technology Hamirpur, H.P. - 177005	23/08/2006	11/01/2019
Lecturer	Adhiyamaan College of Engineering, Hosur (T.N.)	04/08/2003	11/08/2006
Project Planner	Department of Architecture & Regional Planning, Indian Institute of Technology, Kharagpur (W.B.)	01/02/2003	30/04/2003

❖ **Area of Research Interest:**

Bio-climatic architecture; Energy efficient architecture; Building energy modeling, Thermal comfort; Indoor air quality, Building envelope design; City planning; Housing; Daylight optimization

❖ **Subjects Taught:**

S. No.	UG Level	PG Level
1	Architectural Design Studios (all semesters)	Energy Efficient Architecture
2	Climate and Built Environment	Housing
3	Theory of Architecture	Resource Conservation and Efficiency
4	History of Architecture	Solar Passive Architecture
5	Town Planning / Theory of Settlement Planning	Post Occupancy Evaluation of Buildings
6	Urban Design	Smart Materials for Green Buildings
7	Building Services	Building Physics and Sustainability
8	Building Materials and Construction	People, Environment and Buildings
9	Disaster Resilient Buildings	Traditional Wisdom and Sustainability Concepts
10	Site Planning	Dissertation
11	Urban Housing	

❖ **Professional Membership:**

1. Registered Architect, Council of Architecture, India
2. Associate Member, Indian Institute of Architects, India
3. Associate Member, Institute of Town Planners, India

❖ **Publication (Papers published in National / International Journals /Peer reviewed and Conferences & Books):**

(Total Citations: 156, H Index = 6, I-10 Index = 5; Source: Vidwan-ID: 92551; Google Scholar ID: XXuUGjYAAAAJ; SCOPUS ID: 56424959600; Web of Science Researcher ID: ABC-4681-2021, ORCID ID: 0000-0003-3870-2625)

Papers published in National / International Journals:

1. Sarkar, A. (2024). Comparative Evaluation of the Energy Performance Index of Modern Urban and Traditional Rural Housing in Composite Climate for Developing Predicting Model. *International Journal of Research - GRANTHAALAYAH*, 12(6), 41–63. ISSN (Online): 2350-0530, ISSN (Print): 2394-3629. DOI: [10.29121/granthaalayah.v12.i6.2024.5662](https://doi.org/10.29121/granthaalayah.v12.i6.2024.5662)
2. Sarkar, A., Jha, P. (2024). Assessment of operative energy optimization in case of haveli-turned-hotels located in composite climate zone of India. *Int J Civ Eng Archit Eng*. 5(1):13-27. P-ISSN: 2707-8361, E-ISSN: 2707-837X. DOI: [10.22271/27078361.2024.v5.i1a.47](https://doi.org/10.22271/27078361.2024.v5.i1a.47)

3. Kharshiing, M., Sarkar, A. (2024). Holistic integration of smart technologies for sustainable urban development: a comprehensive analysis of smart cities. *Comprehensive Advanced Specific Summarised Studies -For Architecture Studies (CASS Studies)*. 7(2):1-25 (pre-print). ISSN: 2581-6403
4. Kar, Z., Sarkar, A. (2017). Exploring the role of Environment-Behaviour Studies (EBS) in residential architecture - from literature review to field study. *International Research Journal of Engineering and Technology*. 4 (11):409 – 418. e-ISSN: 2395-0056. p-ISSN: 2395-0072
5. Sarkar, A., Bose, S. (2016). Exploring impact of opaque building envelope components on thermal and energy performance of houses in lower western Himalayans for optimal selection. *Journal of Building Engineering*. 7:170-182. (Elsevier) ISSN: 2352-7102. DOI: [10.1016/j.jobee.2016.06.009](https://doi.org/10.1016/j.jobee.2016.06.009) IF: 7.144
6. Sarkar, A., Bose, S. (2015). Thermal performance design criteria for bioclimatic architecture in Himachal Pradesh. *Current Science*. 109(9):1590-1600. ISSN: 0011-3891. DOI: [10.18520/v109/i9/1590-1600](https://doi.org/10.18520/v109/i9/1590-1600) IF: 1.169
7. Chandel, S.S., Sarkar, A. (2014). Performance assessment of a passive solar building for thermal comfort and energy saving in a hilly terrain of India. *Energy and Buildings*. 86:873-885. ISSN: 0378-7788. (Elsevier). DOI: [10.1016/j.enbuild.2014.10.035](https://doi.org/10.1016/j.enbuild.2014.10.035) IF: 7.201
8. Sarkar, A. (2014). Analysing the urban quality of upper bazaar: a key public realm in Hamirpur, Himachal Pradesh, India. *Creative Space*. 2(1):1-15. ISSN: 2321-3892. DOI: [10.15415/cs.2014.2101](https://doi.org/10.15415/cs.2014.2101)
9. Sarkar, A. (2013). Study of climate responsive passive design features in traditional hill architecture of Khyah Village in Hamirpur, Himachal Pradesh, India for indoor thermal comfort. *J. Inst. Eng. India Ser. A*. 94(1): 59–72. (Springer) ISSN: 2250-2149. DOI: [10.1007/s40030-013-0033-z](https://doi.org/10.1007/s40030-013-0033-z)
10. Sarkar, A., Chandel, S.S. (2011). Solar passive design recommendations Case study: Office building in Mandi, Himachal Pradesh. *Journal of the Indian Institute of Architects*. 78(10):21-27. ISSN: 0019-4913
11. Sarkar, A. (2011). Adaptive climate responsive vernacular construction in high altitude. *Int J of Arc and Env Eng*. 5(12): 761 - 765. ISSN: 1307-6892. DOI: [10.5281/zenodo.1062888](https://doi.org/10.5281/zenodo.1062888)
12. Sarkar, A. (2011). Possibility of saving energy by shading of buildings in hill region. *ABACUS- Journal on Architecture, Conservation and Urban studies*. 6(2): 21-27. ISSN: 0973-8339
13. Sarkar, A., Sharma, S. (2011). Climate responsive features in the traditional shelter design in high altitude. *Architecture – Time, Space & People - Council of Architecture, India*. 11(8): 16-25.
14. Sarkar, A. (2010). A methodology for energy-efficient shelter design with bioclimatic design tools. *The IUP Journal of Architecture*. 2(2):7-23. ISSN: 0975-5543
15. Sarkar, A. (2010). Enhancing productivity of the educational institutions by holistic interior design. *Architecture – Time, Space & People - Council of Architecture, India*. 10(12): 18-23.
16. Sarkar, A. (2009). Human habitation in hilly terrains – site-selection criteria. *CJI – Construction Journal of India*. (March): 14-16.
17. Sarkar, A. (2008). Siting of human settlements in hilly terrains. *Architecture – Time, Space & People - Council of Architecture, India*. 8(12): 40-48.
18. Sarkar, A. (2008). From space-creation to place-making. *Architecture – Time, Space & People - Council of Architecture, India*. 8(5): 20-24.
19. Sarkar, A., Kapoor, N. (2007). Emergency architecture – an emerging profession. *Architecture – Time, Space & People - Council of Architecture, India*. 7(3): 34-39.
20. Sarkar, A., Kapoor, N. (2007). Community based disaster preparedness. *CJI – Construction Journal of India*. 2007; (April): 50-54.

Peer reviewed Books & Chapters published:

1. Amitava Sarkar. (2017). Book titled “Adaptive thermal comfort standard for houses in composite climate”. Lambert Academic Publishing, Germany. ISBN: 978-3-330-05247-5

2. Amitava Sarkar, Shrinivas Modak. (2024). Chapter-5: “*Green Roofs as a Tool towards Sustainable Ecosystems with its Performance in the Built Environment: A Literature Review*”. In: S. Sathish (Ed.), *Advances in Civil Engineering (Volume - 9)*, AkiNik Publications®, Delhi, India. pp. 83-103. ISBN: 978-93-6135-845-6. DOI: [10.22271/ed.book.2740](https://doi.org/10.22271/ed.book.2740)
3. Amitava Sarkar, Shrinivas Modak. (2024). Chapter-7: “*Impact of Vertical Green Walls on Thermal Performance of Built Environment in Tropical Climate: A Case of Vijayawada*” (In Press). In: *Lecture Notes in Civil Engineering*, Vol. 527, Anurag Varma et al. (Eds.), Proceedings of the 2nd International Conference on Trends in Architecture and Construction. Springer Nature. ISBN: 978-981-97-4987-4
4. Amitava Sarkar, Shivashish Bose. (2017). Chapter-10: “*Evaluating the effect of building envelope on thermal performance of houses in lower Himachal Pradesh*”. In: F. Seta, J. Sen, A. Biswas, A. Khare (Eds.), *From Poverty, Inequality to Smart City*. Springer Transactions in Civil and Environmental Engineering. pp. 143-159. ISBN: 978-981-10-2139-8. DOI: [10.1007/978-981-10-2141-1_10](https://doi.org/10.1007/978-981-10-2141-1_10)
5. Zinia Kar, Amitava Sarkar. (2017). “*Application of Environment-Behaviour Studies (EBS) in Residential Architecture – a literature review*”. In: A.K. Sharma, J.K. Gupta (Eds.), Proceedings of the International Conference on “Theory of Architectural Design: Global Practices Amid Local Milieu”, 14th-16th April-2017, SMVD University, Katra Jammu & Kashmir, India, pp. 113-126. ISBN: 978-93-5260-628-3 (McGraw Hill Education)
6. Amitava Sarkar, Shivashish Bose. (2015). “*Comparative analysis of the thermal comfort and sustainability performance of traditional and modern buildings in the lower Himalayan region of Himachal Pradesh, India*”. In: M. Mani, P. Kandachar (Eds.), *Design for Sustainable Well-being and Empowerment*, IISc, Bangalore Press and TU Delft, Netherlands; pp. 475-489. ISBN: 978-81-925707-1-6
7. Amitava Sarkar. (2013). “*Evaluation of impact of solar passive building design recommendations on energy-efficiency of an office building using building simulation tool*”. In: S. Palaniappan, A. Mahalingam (Eds.), Proceedings of the International Conference on “Advances in Building Sciences”, BTCM, Indian Institute of Technology, Madras, 13-16 February, 2013, pp. 145-154. ISBN: 978-93-80689-11-1
8. Amitava Sarkar. (2012). “*Shading of buildings: a cost-effective solution for saving energy in hot tropical regions*”. In: C. Kabre, U. Pottgiesser, J.P. Sharma (Eds.), Proceedings of the National Conference on “Energy Efficient Design of Buildings & Cities”, DCRUST, Murthal, Haryana, India & HSOWL - Detmold, Germany, 6-7 February, 2012, pp. 315-325. ISBN: 978-93-5067-137-5
9. Amitava Sarkar. (2011). “*Impact of shading on energy-efficiency of buildings: an analysis by building simulation tool*”. In: S. Bahga, S. Bahga, A. Chaudhary (Eds.), *Contemporary Architecture- Beyond Corbusierism*, Indian Institute of Architects, pp. 290-298. ISBN: 978-935059-002-7 (Macmillan publishers, India)
10. Amitava Sarkar. (2010). “*A study of bio-climatic design tools to design energy-efficient buildings*”. In: M. Jain, S. Bagha, I.P. Singh, A. Chaudhary (Eds.), Proceedings of the International Conference on “Urbanism and Green Architecture” (UGA-2010), National Institute of Technology Hamirpur (H.P.), India, pp. 57-64. ISBN: 978-81-920315-0-7 (Wellworth Books International, New Delhi)
11. Amitava Sarkar. (2009). “*A methodology for energy-efficient shelter design in hilly areas*”. In: R. Parti et al. (Eds.), Proceedings of the Civil Engineering Conference – Innovation without Limits (CEC-09), National Institute of Technology Hamirpur (H.P.), India, pp. 250-257. ISBN: 93-80043-34-1 (Excel India publishers, India)

Full Papers in Conference Proceedings (Peer reviewed):

1. Amitava Sarkar, Shivani Dolas, Shrinivas Modak. (2024). “*Investigating the potential of alternate building envelope techniques for naturally ventilated buildings in tropical climate: a case of Vijayawada, India*” (Springer - In press). International Conference on “Architecture & Design of Built Environment– 2024 (ADoBE’24)”, June 6-7, 2024. Woxsen University, Telengana

2. Amitava Sarkar, Pooja Jha. (2024). “Revitalizing heritage hotel of Rajasthan, India to reduce operational energy demand”. International Conference on “Architecture and Landscape Planning Applications (ICALPA - 2024)”, IIERD, Dubai, UAE, February 5-6, 2024.
3. Mebanshembha Kharshiing, Amitava Sarkar. (2024). “Enhancing tourism infrastructure in Majuli, Assam: architectural interventions for sustainable development”. National Conference on “Planning & Architecture for Hill Regions (PAHR-2024)”, May 15-16, 2024, NIT Hamirpur, H.P.
4. Amitava Sarkar, Shivashish Bose. (2014). “Comparing the thermal performance of traditional and modern houses in lower Himachal Pradesh, India in winter months”. In: K. Mitra (Ed.), Proceedings of the National Symposium on “Sustainability and the Built Environment: Searching for Synergies”, Indian Institute of Science, Engineering and Technology (IEST), Shibpur, India, 21-22 February, 2014, pp. 9-15.
5. Amitava Sarkar. (2011). “Appropriate comfort standards for sustainable living environment”. In: R. Kumar (Ed.), Proceedings of the International Conference on “Rapid Advances in Sustainable Architecture”, Apeejay College of Fine Arts, Jalandhar, India, 26-27 August, 2011, pp. 15-19. ISSN: 2249-4480
6. Amitava Sarkar. (2008). “Energy-efficient shelter design for the Kangra-valley, Himachal Pradesh”. In: S. Chattopadhyay, O. Ural (Eds.), Proceedings (CD) of the 36th IAHS World Congress on Housing Science, Indian Institute of Technology, Kharagpur, India, 3-7 November, 2008, pp. 57-64. ISBN: 81-902768-7-5 (Cygnus Publication, Kolkata)

❖ **Thesis Guidance:**

Ph. D. Level: Two (ongoing), Member, Doctoral Research Committee (4 nos.)

PG level: 17 nos.

UG Level: More than 45 nos.

❖ **Consultancy Projects:**

Period	Role	Sponsoring Organization	Nature of Work/ Project title
2019-2022	Co-PI – Project Team Member	DTCP, Govt. of Andhra Pradesh	Preparation of GIS based Master Plan for AMRUT town ELURU (Package-1) Project Cost: Rs. 25 lacs
2012	Co-PI	Industrial Training Institute, Hamirpur, Govt. of Himachal Pradesh	Preparation of Architectural Drawing for the Academic Block at ITI, Bani, Hamirpur (H.P.) Project Cost: Rs. 65 lacs
2012	Co-PI	Industrial Training Institute, Hamirpur, Govt. of Himachal Pradesh	Preparation of Architectural Drawing for the Academic Block at ITI, Bhoranj, Hamirpur (H.P.) Project Cost: Rs. 55 lacs
2012	Co-PI	Regional Forensic Science Laboratory, Mandi, Department of Home, Govt. of Himachal Pradesh	“Solar passive building technology design recommendations for Regional Forensic Science Laboratory at Bheuli, Mandi, Himachal Pradesh” Project Cost: Rs. 2 lacs

2008 -2010	PI	National Institute of Technology Hamirpur (H.P.)	Preparation of Architectural Drawing for the Estate office-NIT-Hamirpur (H.P.) with Bank and Post-office Project Cost: Rs. 95 lacs
Feb, 2003 to April, 2003	Project Consultant	Funded by United Nations Development Program (UNDP), through Department of Architecture & Planning, Indian Institute of Technology, Kharagpur (W.B.)	Conduction of Pilot Survey of Siliguri town and preparation of Report under 'Development of Urban Indicator Programme'. Principal coordinator: Prof. B.K. Sengupta, Professor, Department of Architecture and Regional Planning, IIT-Kharagpur

❖ **Winter/ Summer Schools/ Short Term Course (STC) Conducted:**

S. No.	Name of Course	Role	Period		Name of Sponsor
			From	To	
1	5-Days Hands-on Bamboo workshop on “ Hyperbolic paraboloid structures ”	Co-coordinator	21.03.2024	25.03.2024	SPA Vijayawada
2	International Conference on “ Resilient and Liveable City Planning, 2020 – Transforming Urban Systems (RLCP 2020) ”	Secretary (Finance)	07/10/2020	10/10/2020	SPA Vijayawada
3	Summer School on “ Energy Efficient Building Systems ”	Coordinator	26/07/ 2010	30/07/ 2010	AICTE / MHRD, Govt. of India
4	Winter School on “ Intelligent Building System for Urban & Rural Areas ”	Coordinator	22/02/2010	26/02/2010	AICTE / MHRD, Govt. of India
5	STC on “ Design & Planning Considerations for Hill Areas ”	Coordinator	23/11/2009	27/11/2009	TEQIP, NIT, Hamirpur (H.P.)
6	National workshop on the “ Sustainable Development for the Hill Areas ”	Coordinator	31/10/2008	01/11/ 2008	NIT, Hamirpur (H.P.)
7	STC on “ Cost-Effective Building Construction Techniques ”	Coordinator	28/07/2008	01/08/2008	TEQIP, NIT, Hamirpur (H.P.)
8	STC on “ Planning for Built Environment in Hill Region ”	Co-coordinator	05/06/2007	09/06/2007	TEQIP, NIT, Hamirpur (H.P.)

❖ **Winter/ Summer Schools/ Short Term Course (STC) Attended:**

S. No.	Name of Course	Place and Institution	Duration	
			From	To
1	ATAL FDP on “Building Life and Fire Safety”	Conducted by SPA Delhi through Online mode	07/09/2021	11/09/2021

2	FDP on “Urban Dynamics and Climate Resilience”	SPA Vijayawada	28/11/2020	03/12/2020
3	FDP on “Communicating Research and Open access Publishing CROP2019”	SPA Vijayawada	17/06/2019	21/06/2019
4	“Characterizing the uncertainties in climate change impacts assessment for water resources”	GIAN-MHRD & NIT-Hamirpur (H.P.)	22/02/ 2016	26/02/ 2016
5	Workshop on “Energy Simulation of Buildings for LEED and ECBC”	International Institute of Information Technology, Hyderabad	14/05/ 2011	17/05/ 2011
6	“Application of Global Trends in Renewable Energy Sources”	NIT-Hamirpur (H.P.)	20/09/2010	24/09/2010
7	“Urbanism: Beyond Evolution & Transition”	National Institute of Advanced Studies in Architecture, Pune	04/01/ 2010	08/01/2010
8	“Green Architecture and Carbon free Living”	Indian Institute of Technology, Kharagpur	18/12/2009	24/12/2009
9	“Induction Training Program (ITP-2007)”	NIT-Hamirpur (H.P.)	22/09/2007	23/09/2007
10	“Environmental Hazards”	NIT-Hamirpur (H.P.)	09/07/2007	13/07/2007
11	“Gen_5 Architecture”	National Institute of Advanced Studies in Architecture, Pune	28/05/2007	01/06/2007
12	“Earthquake Resistant Design & Construction”	NIT-Hamirpur (H.P.) under NPCBAERM	30/09/2006	04/10/2006

❖ **Additional Administrative responsibilities and Outreach Activities:**

S. No.	Period	Designation	Organisation	Nature of Responsibility
1	18/05/2024 – till date	Dean Faculty Welfare	SPA Vijayawada	As per SPAV Statutes
2	24/09/2020 - 15/2/2023	Dean Student Affairs	SPA Vijayawada	As per SPAV Statutes
3	01/06/2019 - 28/10/2020	Registrar I/c	SPA Vijayawada	As per SPAV Statutes
4	01/07/2024	Adhoc Selection Committee member	SPA Vijayawada	For selection to the post of Assistant Professor (on Contract) in the Department of architecture.
5	02/05/2024	Member as Dean FW (ex-officio) – Website Monitoring Committee	SPA Vijayawada	To maintain the effective and innovative content in the website of SPAV- faculty matters
6	18/04/2024	Member – PHD Admission Selection Committee	SPA Vijayawada	For the Ph.D. admission in Architecture for the A.Y. 2024-25.
7	26/03/2024	Member – CPDA Guidelines preparation Committee	SPA Vijayawada	To frame the CPDA guidelines for the Block Period 1 st April, 2024 to 31 st March, 2027 for effective implementation at SPAV
8	06/03/2024	Member – Arch. Department work	SPA Vijayawada	Arrangement of acrylic board display in the department
9	29/02/2024	FIC-Club I/O and	SPA Vijayawada	Club activities;

		Committee In-charge for IT, Media/ Press – INYAN 2024		Sending out press releases and efforts towards publishing of INYAN in media; To coordinate with Committee no. 2 to capture the event as a repository for the institute, updating the SPAV website with IT support
10	12/02/2024	Committee member	SPA Vijayawada	Preparation of contract faculty requirement and shortage in the Department of Architecture.
11	08/01/2024	B.Arch. Programme Coordinator	SPA Vijayawada	B.Arch. Programme Coordinator for the Even Semester, A.Y. 2023-24
12	29/12/2023	Member – Grievance Cell	SPA Vijayawada	To look after all the grievances/ complaints received from employees of SPAV and put-up its recommendations to the Competent Authority after examining the grievances as required.
13	04/12/2023	7 th Convocation of SPAV - Member – Food Committee	SPA Vijayawada	Arrangements of all refreshments for graduands, dignitaries, students, guests, volunteers, etc. on the day of 7 th Convocation of SPAV held on 03/01/2024.
14	28/10/2023	Anti-Ragging Committee - Member	SPA Vijayawada	To ensure compliance with the provisions of the regulations as well as the provisions of any law for the time-being in force concerning Ragging, investigate complaints and also, monitor in prevention of ragging in the institute.
15	08/08/2023	B.Arch. Programme Coordinator	SPA Vijayawada	B.Arch. Programme Coordinator for the Odd Semester, A.Y. 2023-24
16	11/05/2023	Co-Chairperson – Screening Committee	SPA Vijayawada	For scrutiny of Non-Teaching applications for the post of Junior Assistant.
17	25/04.2023	Member – PHD Admission Selection Committee	SPA Vijayawada	For the Ph.D. admission in Architecture for the A.Y. 2023-24.
18	24/04/2023	Committee Chairperson	SPA Vijayawada	Physical verification of Fixed Asset and Library books for the F.Y. 2022-23 as per the GFR 2017.
19	05/04/2023	Member – Technical Committee	SPA Vijayawada	For smooth conduction of the National Conference in “Energy Efficiency in Planning for Enhanced Urban Resilience” held on 26 th & 27 th April, 2023 in SPAV Campus in collaboration with NIDM, Ministry of Home Affairs, GOI.
20	29/07/2020 - 14/9/2022	Estate Officer	SPA Vijayawada	Streamlined the distribution of room keys, etc.
21	28/02/2019 - 08/12/2021	CCMT admission coordinator	SPA Vijayawada	PG admission through CCMT
22	Jan, 2021 – 29/05/2024	GEM HOD	SPA Vijayawada	Looking after the purchases through GEM portal
23	June, 2019 - 8/12/2021	CPIO	SPA Vijayawada	RTI related activity
24	24/09/2020 - 15/2/2023 &	Member – Senate	SPA Vijayawada	As per SPAV Statutes

	18/05/2024 – till date			
25	01/12/2020 - 15/2/2023	Member - BOG	SPA Vijayawada	As per SPAV Statutes
26	06/02/2019 - 26/02/2024	FIC- Climatology/ Energy Studies/ Acoustic Lab	SPA Vijayawada	Looking after the equipment, its upgradation and further development
27	22/07/2021	Committee Chairperson	SPA Vijayawada	Physical verification of Fixed Asset and Library books for the F.Y. 2020-21
28	05/02/2021- 29/05/2024	IPC - Member	SPA Vijayawada	Institute Purchase Committee to follow the GoI Guidelines, GFR 2017 and GeM Rules
29	11/11/2019- 10/02/2022	Nodal Officer - EBSB	SPA Vijayawada	To coordinate the EBSB activities – two events conducted jointly with paired institute from Punjab
30	27/12/2022 & 25/11/2022	Programme Coordinator for B.Arch. course	SPA Vijayawada	Programme Coordinator for B.Arch. course as per the office order
31	18/11/2022	External Jury Member	SPA Vijayawada	External Jury Member for the B.Arch. subject “Dissertation”
32	01/12/2022- 15/02/2023	Chairman – Disciplinary Committee	SPA Vijayawada	To ensure compliance of Code of Discipline and conduct for students
33	06/10/2022	Semester Coordinator	SPA Vijayawada	Semester Coordinator – B.Arch. III Year V Sem: Section B
34	18/05/2022- 15/02/2023	Chairman-Equal Opportunity Cell	SPA Vijayawada	To help and empower the Persons with disabilities (PWD) students to participate fully on an equal basis
35	16/03/2021	Member – Departmental Selection Committee (DSC)	SPA Vijayawada	To handle PG/ PHD admission process at the departmental level
36	14/12/2021	External Jury Member	SPA Vijayawada	External Jury Member for the B.Arch. subject “Dissertation”
37	26/07/2021	Member- Mess/Canteen Services Tender Committee	SPA Vijayawada	To process the Mess/Canteen Services Tender
38	05/05/2022	Selection Committee- M.Arch. – Sustainable Architecture	SPA Vijayawada	For the selection of applicants into PG and PHD courses for the AY 2022-23
39	01/07/2021	Selection Committee Member – PG Direct Admission	SPA Vijayawada	To evaluate the Statement of Purpose and Work Portfolios for PG Direct admission
40	17/07/2021	CCMT 2021 Coordinator	SPA Vijayawada	To oversee the necessary arrangements for the CCMT 2021
41	30/09/2022	GATE Supervisor	SPA Vijayawada	To monitor the work of GATE students for the scholarship
42	18/03/2019	Member - DPGC	SPA Vijayawada	As per the Academic Ordinance 2018
43	18/03/2019	Member - DSC	SPA Vijayawada	To handle PG/ PHD admission process at the departmental level
44	29/07/2019	Studio/ Semester Coordinator	SPA Vijayawada	Semester Coordinator – B.Arch. IV Year VII Sem
45	2013-2017	Hostel Warden	NIT Hamirpur (H.P.)	To look after the Hostel administration, Mess
46	2016-2019	Convener - DPGC	NIT Hamirpur (H.P.)	As per the Academic Ordinance
47	2017-2019	FIC – Department Purchase	NIT Hamirpur (H.P.)	Department Purchase Committee to follow the GoI Guidelines, GFR 2017

				and GeM Rules
48	2010-2019	FIC – Climatology and Energy Lab	NIT Hamirpur (H.P.)	Looking after the equipment, its upgradation and further development
49	2012-2019	Member - DUGC	NIT Hamirpur (H.P.)	As per the Academic Ordinance

❖ **Awards / Recognitions and Fellowships:**

S. No.	Award Name	Awarding Organization	Awarded Work / Project
1	Member- National Advisory Committee	Department of Architecture, NIT Hamirpur, H.P.	Member- National Advisory Committee of the National Conference on “Planning and Architecture for Hill Regions (PAHR-2024)” dated May 15-16, 2014
2	Member- National Advisory Committee	Department of Architecture and Planning, National Institute of Technology, Patna, Bihar	Member- National Advisory Committee of the International Conference on “Climate Change, Cultural Heritage and Sustainable Habitat” dated Feb 17-18, 2014
3	Invited lecture - 22 - 26 February, 2024	Department of Architecture, National Institute of Technology, Hamirpur, H.P.	Delivered an expert talk in five days FDP on “Developmental Regulations and Built Environment” on the topic “Development regulations and energy efficiency”.
4	Invited lecture - 8 - 12 December, 2023	Department of Architecture, National Institute of Technology, Hamirpur, H.P.	Delivered an expert talk in five days e-STC on “Sustainable Infrastructure in Hills - 2023”.
5	Appointed as External Examiner – November, 2023	Department of Architecture, National Institute of Technology, Trichy, T.N.	Appointed as External Examiner for evaluating the Ph.D. thesis
6	Appointed as External Examiner – October, 2023	Department of Architecture and Planning, National Institute of Technology, Patna, Bihar	Appointed as External Examiner for evaluating the Ph.D. thesis
7	Polavaram Irrigation Project – Rehabilitation and Resettlement, dated 17/10/2023	Department of Water Resources, Govt. of A.P.	Team Member: Community level infrastructure planning, including Housing stock infrastructure
8	Invited lecture - 4-8 September, 2023	Department of Architecture and Planning, National Institute of Technology, Patna, Bihar	Delivered an expert talk in five days FDP on “Thermal Comfort, Energy Analysis, and Passive Techniques” on the topic “Shading of Buildings – A Cost-Effective Solution for Saving Energy in Hot Tropical Region”.
9	Reviewer – National Conference	Council of Architecture Training & Research Centre (COA-TRC), Bhopal, India & K.R. Mangalam University, Gurugram, Delhi-NCR	Reviewer for the National Conference hosted by K.R. Mangalam, School of Architecture and Design on “Multidisciplinary Aspects of Design: Enhancing the Connections” from 1st to 3rd June 2023 in collaboration with COA-TRC, Bhopal, India.
10	Appointed as External Examiner – May, 2023	G D Goenka University, Gurgaon, Haryana, India	Appointed as External Examiner for evaluating the Ph.D. thesis
11	Member - Board-of-Studies – 19/09/2022 - 18/09/2025	TKM College of Engineering (Government Aided and Autonomous), Kollam-691005, Kerala	Member - Board-of-Studies in the Department of Architecture as a Subject Expert

12	Appointed as External Examiner – 15 th December, 2022	Department of Architecture, MNIT Jaipur, Rajasthan	Appointed as External Examiner for Conducting Ph.D. Viva-Voce Examination
	Appointed as External Examiner - 5-6 May, 2022	Department of Architecture and Planning, NIT Calicut, Kerala	Appointed as External Examiner for the evaluation of Architectural Thesis
13	Invited lecture - 07-11 November, 2022	COA-TRC Bhopal and AppaSaheb Birnale College of Architecture, Sangli	Delivered an expert talk in five days online National Faculty Development Program on “The Site – its relevance to the Design” on the topic “Wetlands in West Bengal”
14	Invited lecture - 22-26 August, 2022	COA-TRC Bhopal and K.R. Mangalam University, Gurugram, Delhi-NCR	Delivered an expert talk in five days online National Faculty Development Program on “Building Services and their implementation in Architectural Design” on the topic “Use of Solar Energy in Buildings”
15	Invited lecture – 27 th July, 2021	COA-TRC Bhopal and GITAM School of Architecture, GITAM, Visakhapatnam	Delivered an expert talk in five days online National Faculty Development Program on “Technicalities, Technology & Tools in Natural Ventilation Research” on the topic “Introduction to passive cooling in warm & humid climate and role of ventilation in vernacular architecture”
16	Invited lecture - 14-18 May, 2021	Department of Architecture, NIT Hamirpur, H.P.	Delivered an expert talk in five days e_Workshop on “Understanding Change in Built Form with Focus on Hill Regions”
17	Invited lecture - 03-07 January, 2021	Department of Mechanical Engineering & Department of Architecture, NIT Hamirpur	Delivered an expert talk during five days e_STC on “Energy Efficient Building Technology (EEBT 2021)”
18	Consultancy project Team member (2019)	DTCP, Govt. of Andhra Pradesh	Preparation of GIS based Master Plan for AMRUT town ELURU (Package-1)
19	Invited expert talks on AutoCAD 23-24 November, 2017	H.P. Institute of Public Administration, Shimla (HIPA)	The Training Programme on “Rural Civil Works” for Engineers of Panchayati Raj & Rural Development Department
20	Invited expert talks on AutoCAD 16-18 October, 2017	H.P. Institute of Public Administration, Shimla (HIPA)	The Training Programme on “Rural Civil Works” for Engineers of Panchayati Raj & Rural Development Department
21	Invited expert talks on AutoCAD 11-13 September, 2017	H.P. Institute of Public Administration, Shimla (HIPA)	The Training Programme on “Rural Civil Works” for Engineers of Panchayati Raj & Rural Development Department
22	Member - Board-of-Studies – 18/02/2017 - 18/02/2018	HP Technical University, Hamirpur	Member - Board-of-Studies for Architectural Courses at Himachal Pradesh Technical University
23	Member-Subject Expert 10-13 July, 2017	HP Technical University, Hamirpur	Member-Subject Expert, Inspection Team for B.Arch. course in Rajiv Gandhi Govt. Engineering College, Nagrota Bagwan, Kangra
24	Appointed as External Examiner - 29-30 November, 2016	Shri Mata Vaishno Devi University, Katra, Jammu & Kashmir	Appointed as External Examiner for the evaluation of Architectural Design Studio
25	Invited lecture - 29-30 November, 2016	The Department of Rural Development, NITTTR Chandigarh	Delivered an expert lecture on the topic “Role of New Techniques/technologies for Energy Efficient Buildings”
26	Consultancy project Co-PI (2012)	Industrial Training Institute, Govt. of Himachal Pradesh	Preparation of Architectural Drawing for the Academic Block at ITI, Bani, Hamirpur (H.P.)

27	Consultancy project Co-PI (2012)	Industrial Training Institute, Govt. of Himachal Pradesh	Preparation of Architectural Drawing for the Academic Block at ITI, Bhoranj, Hamirpur (H.P.)
28	Consultancy project Co-PI (2012)	Govt. of Himachal Pradesh	Solar passive building technology design recommendations for Regional Forensic Science Laboratory” at Bheuli, Mandi, (H.P.)
29	Consultancy project Co-PI (2012)	NIT-Hamirpur (H.P.)	Preparation of Architectural Drawing for the Estate office-NIT-Hamirpur (H.P.) with Bank and Post-office, at NIT-Hamirpur (H.P.)
30	Consultancy project (2003)	Funded by United Nations Development Program (UNDP) , through Department of Architecture & Planning, IIT, Kharagpur	Conduction of Pilot Survey of Siliguri town and preparation of Report under “Development of Urban Indicator Programme”. Principal coordinator: Prof. B.K. Sengupta

Dr. Amitava Sarkar
Associate Professor,
Department of Architecture
SPA Vijayawada, A.P. - 520008