

National Institute of Technology, Tiruchirappalli: Performa for CV of Faculty/ Staff Members

Curriculum Vitae



Brief Profile:

Pudhuma Bharathi is a young architect in search of new experiences and passionate about the environment, sustainability and traditional knowledge systems. She had exposure and keen interest in low cost housing and Laurie Baker's philosophy from her brief childhood visits to Gandhigram. She studied B.Arch in School of Architecture and Planning, Anna University, Chennai and did her UG thesis on Urban Rejuvenation of bus stand and market area of Nagercoil under the guidance of Ar. T. Vennila. During her UG, she came across unique building experiments in Auroville and was drawn by Mother's vision for a sustainable township. Her thirst to learn more about sustainable and earth architecture landed her in an internship and work in Auroville with Ar. Anupama Kundoo and a two-week hands-on AVD workshop by Ar. Satprem Maini in Auroville Earth Institute. She also showed keen interest in vernacular architecture from early on and participated in a 5-day workshop by Dr. Benny Kuriakose. The Tsunami of 2004 took her to Gandhigram for a few months as a volunteer for Disaster Management Unit when she visited Tsunami affected villages along the coast from Cuddalore to Colachel with the team. During this time she also had a chance to do a project with alternative (CSEB) construction as architectural consultant for Payir NGO in Trichy which helped her understand earth as a material better. She further pursued M.Arch in Texas A&M University, College Station USA with scholarship. She took up sustainable redesign of Hurricane affected public housing in New Orleans for as final project under the guidance of Dr. Robin Abrams. Health care design studio in TAMU led her to work in healthcare architecture in HGA, Los Angeles as medical planner. She worked on a few hospital projects including Lucille Packard Children's Hospital at Stanford. With support from HGA, she successfully earned "LEED AP" from GBCI, USA. After working 4 yrs in the city of Angels, she decided to return to India to serve her country. She then started teaching with a brief stint in Sigma college of Architecture, and then joined her alma mater, SAP Anna University, as Assistant Professor. During this time she did many rural studios and visited several villages with Prof. Muthulakshmi, etc. She participated in INTACH and NCSHS events which helped her in understanding historic buildings and conservation. She also engaged students in hands on experiences through workshops and several visits to Auroville, etc. Her love for environment (and inspired by CTC zero kuppai movement) led her to initiate Source Segregation of Waste in her college campus (with the support of SAP administration) as well as her in residential neighbourhood in Chennai. After serving in SAP Anna University for 7 years, she joined NIT Trichy in 2020 as Assistant professor. She was inducted to the Horticulture Advisory Committee as its Convener and was part of the team behind making of the campus's first Miyawaki forest in 2021. She has served as Faculty coordinator of Rotaract club of SAP and Animal Welfare club, NIT and a volunteer of SPICMACAY (TAMU, UCLA, Chennai), CTC's Clean up movements, Ainthinai Plantation works, Payir and more. At her leisure, she explores carnatic music, yoga, martial arts, running, swimming, cycling, trekking, zero waste lifestyle, gardening and loves to travel to new places.

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B.Arch	Anna University	2004	8.0/10.0	Architecture
12th	State board	1999	93%	
Diploma	Alliance Francaise	1998		French
10th	Matriculation	1997	88.5%	

9. Academic/Administrative Responsibilities within the University

Position	Faculty/Department/Centre/Institution	From	To
Convener	Horticulture Advisory Committee	08.12.2020	current

10. Academic/Administrative Responsibilities outside the University- NIL

11. Awards, Associateships etc.

Year of Award	Name of the Award	Awarding Organization
2009	LEED Accredited Professional	GBCI, USA

12. Fellowships

Year of Award	Name of the Fellowship	Awarding Organization	From (Month/Year)	To (Month/Year)
2005	Graduate Enhancement Award	TAMU	07/2005	06/2006
2006	Norman & Renee Zelman Scholarship	TAMU	07/2006	04/2007

13. Details of Academic Work

(i) Curriculum Development- NIL

(ii) Courses taught at Postgraduate and Undergraduate levels

PG- Urban Conservation, Sustainable Architecture- Historic & Community Perspective

UG- Cost Efficient Construction Techniques, Architectural Conservation, History of Architecture and Culture- I, II, III, Climate & Built Environment, Building Materials- I, Building Construction- I & II, Basic Design, Architectural design- I, II, III, IV, V, IX, Architectural Drawing- I, II,

(iii) Projects guided at Postgraduate level

1. 2019- M. Arch Design Thesis on Design of a Weavers hub near Kanchipuram

2. 2022-M.Arch Dissertation on Analyzing Indoor thermal comfort and Energy efficiency of an Apartment in Composite climate

(iv) Other contribution(s)

14. Details of Major R&D Projects- NIL

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15. Number of PhDs guided- NIL

16. Participation in Workshops/ Symposia/ Conferences/ Colloquia /Seminars/ Schools etc. (mentioning the role)

Date (s)	Title of Activity	Level of Event	Role	Event Organized by	Venue
2007	Disaster Recovery and Redevelopment Student Research Symposium'	International	Presenter	Texas A&M University, USA	College Station, TX, USA
2020 5 days	FDP on Sustainable Built Environment in the Face of COVID-19	National	Participant	Amity University, Kolkata with CSE, New Delhi	online
2019 1 day	'Jeernodharana and Temple Conservation- Texts and Practices'	National	Participant	NCSHS, IITM in collaboration with Cardiff University UK, DHRONAH Foundation, SPA Bhopal	IITM
2018 5 days	'Documentation of Heritage buildings'	National	Participant	INTACH Heritage Academy	Boat club, Chennai
2018 10 days	FDTP on 'Induction Program for students' (Universal Human Values)	Local	Participant	Anna University	Anna University
2014 2 days	'Study, Use and Conservation of Stone'	Local	Participant	INTACH with IIA	Chennai
2014 1 day	'Changing paradigms in Green buildings'	National	Participant	CWET, MNRE and HB consultants	Chennai
2014 1 day	'Listing of heritage buildings'	Local	Participant	INTACH Chennai chapter	MEASI
	Construction technology and management' organized by	International	Participant	SAP, Anna University in collaboration with Auburn University (USA)	SAP, Chennai
2014 5 days	SPICMACAY 2 nd International Convention	International	Organizing team	SPICMACAY	IITM
2005 1 day	'Housing design for Tsunami victims'	National	Organizing team	Gandhigram Rural Institute	IITM
2005 5 days	'Alternative & Cost Effective Building techniques' organized by	National	Participant	Gandhigram Kattida Maiyam,	Gandhigram Rural Institute
2004 4 days	Materials & Techniques used in Traditional Architecture of South India	Local	Participant	Madras Craft Foundation	Dakshinachitra, Chennai
2002 6 days	Theory of Arches, Vaults and Domes	International	Participant	Auroville Earth Institute	Auroville
2002 6 days	Practice of Arches, Vaults and Domes	International	Participant	Auroville Earth Institute	Auroville

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17. Workshops/ Symposia/ Conferences/ Colloquia/Seminars Organized (as Chairman/ Organizing Secretary/ Convenor / Co-Convenor) – NIL

Title of Activity	Level of Event (International/ National/ Local)	Date (s)	Role	Venue
Study, Use and Conservation of Stone	National	2015	Coordinator	Anna University/Mahabalipuram
Brick Workshop	Local	2016	Coordinator	SAP, Anna University
Bamboo workshop	Local	2016	Coordinator	SAP, Anna University

18. Invited Talks delivered- NIL

19. Membership of Learned Societies

Type of Membership (Ordinary Member/ Honorary Member / Life Member)	Organization	Membership No. with date
Life Member	COA	CA/36118
Member	INTACH	-

20. Academic Foreign Visits- NIL

21. Publications

(A) Refereed Research Journals: NIL

(B) Conferences/Workshops/Symposia Proceedings: NIL

(C) Books & Monographs- NIL