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

Curriculum Vitae

Brief Profile: Dr. Prabu P is currently affiliated with the Department of Civil Engineering at the National Institute of Technology Tiruchirappalli as Assistant Professor. He earned his Ph.D. in Civil Engineering from the Indian Institute of Technology Madras in 2022, following his M.Tech degree from the same institution in 2011. Prabu completed his Bachelor of Engineering in Civil Engineering at Mepco Schlenk Engineering College, Sivakasi, in 2009. Before pursuing his Ph.D., Prabu worked in the industry as Design Engineer for about a year and in academia for five months, gaining valuable practical experience that informs his research and teaching.



His current research interests encompass two key areas: tsunami fluid flow modeling and its impact on buildings, as well as reservoir operation and water resources system optimization. He aims to develop innovative strategies to assess and mitigate the effects of tsunamis on infrastructure. He also works in water resource management for sustainable use.

1. Name: Dr. PRABU P

2. Designation: Assistant Professor

3. Office Address: Room 304, Department of Civil Engineering

(Annex), NIT Trichy.

4. Telephone (Direct) (Optional):

Telephone: Extn (Optional):

Mobile (Optional):

5. Email (Primary): prabu@nitt.edu Email (Secondary): prabu@nitt.edu

6. Field(s) of Specialization: Tsunami Impact Studies, Fluid flow

modeling, Reservoir Operation.

7. Employment Profile

Job Title	Employer	From	To
Assistant Professor in Department of Civil Engineering	National Institute of Technology Tiruchirappalli.	April 2024	Till Date

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Assistant Professor in Department of Civil	Sethu Institute Of	July 2013	Dec 2013
Engineering	Technology,		
	Kariapatti,		
	Virudhunagar		
Post Graduate Engineering Trainee	BGR Energy	August 2011	May 2012
	Systems		-

8. Academic Qualifications (From Highest Degree to High School):

Examination	Board / University	Year	Division/ Grade	Subjects
DI- D	•	2022		Civil Engineering (Taunami
Ph.D	IIT Madras	2023	First	Civil Engineering (Tsunami
				Impact Studies)
M.Tech	IIT Madras	2011	First	Civil Enginering
				(Hydraulics and Wate
				Resources)
B.E	Anna University	2009	First	Civil Engineering
HSC	State Board	2005	First	Bio-Maths-Phy-Chem
SSLC	Matric	2003	First	Bio-Maths-Phy-Chem

9. Academic/Administrative Responsibilities within the University

Position	Faculty/Department/Centre/Institution	From	То
NIL			

10. Academic/Administrative Responsibilities outside the University

Position	Institution	From	То
NIL			

11. Awards, Associateships etc.

Year of Award	Name of the Award	Awarding Organization
NIL		

12. Fellowships

Year of Aw	ard	Name of the Fellowship	Awarding	From	To
			Organization	(Month/Year)	(Month/Year)
NIL					

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- 13. Details of Academic Work
 - (i) Curriculum Development
 - (ii) Courses taught at Postgraduate and Undergraduate levels
 - (iii)Projects guided at Postgraduate level
 - (iv)Other contribution(s)

14. Details of Major R&D Projects

Title of Project	Froject Funding Agency Duration From To		Status	
Title of Project			То	Ongoing/ Completed
NIL				

15. Number of PhDs guided

Name of the PhD	Title of PhD	Role(Supervisor/ Co-	Year of
Scholar	Thesis	Supervisor)	Award
NIL			

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

Date	Title of	Level of	Role (Participant/	Event Organized by	Venue
(s)	Activity	Event	Speaker/ Chairperson,		
		(International/	Paper presenter, Any		
		National/	other)		
		Local)			
1.					

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

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Title of Activity	Level of Event	Date (s)	Role	Venue
	(International/			
	National/ Local)			
NIL				

18. Invited Talks delivered

Topic	Date	Inviting Organization
NIL		

19. Membership of Learned Societies

Type of Membership (Ordinary	Organization	Membership No. with
Member/ Honorary Member / Life		date
Member)		
NIL		

20. Academic Foreign Visits

Country	Duration of Visit	Programme
NIL	NIL	NIL

21. Publications

(A) Refereed Research Journals:

Author(s)	Title of Paper	Journal	Volume	Page	Year	Impact
			(No.)	numbers		Factor of the
						Journal
						(Optional)

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	1	ı	1	ı	1	1
P. Prabu, S.	Numerical	Ocean	187		2019	4.6
Murty	investigations	Engineering				
Bhallamudi,	for mitigation					
Abhijit	of tsunami					
Chaudhuri,	wave impact on					
S.A.	onshore					
Sannasiraj	buildings using					
	sea dikes					
P. Prabu,	Three-	Ocean	261		2022	4.6
Abhijit	dimensional	Engineering				
Chaudhuri, S.	numerical					
Murty	simulations for					
Bhallamudi,	mitigation of					
S.A.	tsunami wave					
Sannasiraj	impact using					
	intermittent sea					
	dikes					
Luisa	Contemporary	Water, Air,			2022	3.8
Bellanova ·	Contamination	& Soil				
Fabienne	of Urban	Pollution				
Uphoff ·	Floodplains in					
Piero	Chennai (India					
Bellanova ·)					
Nina Engels						
·Prabu P. ·						
Yaswanth						
Pulipatti ·						
Frank						
Lehmkuhl ·						
Phillip						
Schulte						
·Klaus						
Reicherter ·						
Jan						
Schwarzbauer						

(B) <u>Conferences/Workshops/Symposia Proceedings</u>

Author(s)	Title of	Title of the	Page	Conference	Venue	Year
	Abstract/	Proceedings	numbers	Theme		
	Paper					
NIL						

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(C) Books & Monographs

(C) BOOKS & MC	nograpiis			
Author(s)	Title of Book/Monograph	Name of Publishers	Year of Publication	ISSN/ISBN Number
NIL				