

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

## Curriculum Vitae



**Brief Profile:** Dr. N. Prakash is an Assistant Professor in the Department of Mathematics at National Institute of Technology Tiruchirappalli since March 2018. He completed his Ph.D. and PG degrees in Mathematics at Pondicherry Central University. His research interest lies in the area of Best Approximation Theory and Geometry of Banach spaces.

1. Name : Dr. N. Prakash
2. Designation : Assistant Professor
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. NIT Tiruchirappalli, Tamil Nadu. PIN: 620 015.
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Email (Secondary) : [prakash.pdu@gmail.com](mailto:prakash.pdu@gmail.com)
6. Field(s) of Specialization : Functional Analysis - Best Approximation Theory, Geometry  
. of Banach spaces
7. Employment Profile:

Job Title	Employer	From	To
Assistant Professor Grade-II	National Institute of Technology Tiruchirappalli	28-03-2018	Till date
Temporary Faculty	National Institute of Technology Tiruchirappalli	05-07-2017	23-03-2018
Assistant Professor (On Contract)	Central University of Tamil Nadu	02-07- 2014	12-05-2017

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

Examination	Board / University	Year	Division/ Grade	Subjects
Ph.D.	Pondicherry University	2017		Mathematics

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M.Phil	Pondicherry University	2010	First	Mathematics
M.Sc	Pondicherry University	2009	First	Mathematics
B.Sc	Bharathidasan University	2007	First	Mathematics
HSC	Tamil Nadu State Board	2004	First	M,P,C,B
SSLC	Tamil Nadu State Board	2002	First	M,S,S.S

**9. Academic/Administrative Responsibilities within the University**

Position	Faculty/Department/Centre/Institution	From	To
Warden	Zircon-A, Zircon-B Hostels and Mega Mess-I South	25-01-2020	23-11-2021
CSAB-2019 Working Committee Member	Central Seat Allocation Board (CSAB-2019) -NITT Institute Level Working Committee Member	13-06-2019	02-04-2020
Stock Verification Officer -2019	English/Humanities	04-12-2019	30-06-2020
Stock Verification Officer	Central Library, NITT	12-11-2018	30-07-2019
Stock Verification Officer -2018	English/Humanities	16-07-2018	30-01-2019
Convocation-2020 Committee Member	Hospitality Committee	01-10-2020	28-02-2021
Convocation-2019 Committee Member	Hospitality Committee	19-06-2019	31-01-2020
Convocation-2018 Committee Member	Seating and Logistic Committee	22-06-2018	31-01-2019

**10. Academic/Administrative Responsibilities outside the University**

Position	Institution	From	To
External DC Member	VIT Vellore	29-03-2022	Till date
External DC Member	VIT Vellore	27-05-2021	Till date

**11. Awards, Associateships etc.**

Year of Award	Name of the Award	Awarding Organization
2010	UGC-JRF	CSIR-UGC

**12. Fellowships**

Year of Award	Name of the Fellowship	Awarding	From	To
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		Organization	(Month/Year)	(Month/Year)
2018	Post-Doctoral Fellowship	National Board for Higher Mathematics (NBHM)		
2013	SRF	UGC	July 2013	June 2014
2011	JRF	UGC	July 2011	June 2013
2010	Ph.D. Research Fellowship	Pondicherry University	August 2010	June 2011
2009	M.Phil Research Fellowship	Pondicherry University	July 2009	May 2010
2011	GATE	IIT Madras		

**13. Details of Academic Work**

- (i) Curriculum Development: Designed the syllabus for M.Sc Mathematics program of NITT for the courses Real Analysis, Lebesgue Measure Theory, Functional Analysis and Topology.
- (ii) Courses taught at Postgraduate and Undergraduate levels: Mathematics–I, Mathematics–II, Matrices and Calculus, Linear Algebra and Calculus, Complex Analysis and Differential Equations, Transforms, Special Functions and PDE, Probability and Statistics, Fourier Transforms and Numerical Techniques, Functional Analysis, Algebra, Linear Algebra, Lebesgue Measure Theory, Several Variable Calculus, Algebra-II, Analysis-II, Calculus-I, Calculus-II.

**(iii) Projects guided at Postgraduate level**

S. No.	Title of the Thesis	Guide / Co-Guide	Roll Number & Name of the Student	Year
1.	Best Approximation From Convex Cones	Guide	216119019 (VIMAL KUMAR M)	2021
2.	Some Geometric Properties of the Unit Sphere of Banach spaces	Guide	216120016 (PREETHI KUMARI)	2022
3.	Some Results on the Number of Group Homomorphisms	Guide	216120022 (SURESH CHAND MEENA)	2022

- (iv) Other contribution(s): Budget and Purchase Committee Coordinator, Welfare Committee Executive Member of Department of Mathematics, NITT (03-02-2020- till date). Ph.D. Selection Committee Member (01-07-2019- till date).

**14. Details of Major R&D Projects**

Title of Project	Funding Agency	Duration		Status
		From	To	Ongoing/ Completed
Seed Grant	NITT	23-08-2019		

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15. Number of PhDs guided

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

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

Date (s)	Title of Activity	Level of Event (International/ National/ Local)	Role (Participant/ Speaker/ Chairperson, Paper presenter, Any other)	Event Organized by	Venue
May 25, 2021	National Conference on Mathematical Analysis and Computing	National	Speaker	Sree Sevugan Annamalai College	Devakottai
March 11, 2021	National Level Webinar on Advances in Algebra and Analysis	National	Speaker	Rajah Serfoji Government College	Thanjavur
January 09-12, 2020	International Conference on Algebra, Analysis and their Applications	International	Speaker	Madurai Kamaraj University	Madurai
January 07, 2020	Workshop on Problem Solving in Algebra and Analysis	National	Speaker	PSGR Krishnammal College for Women	Coimbatore
March 19, 2020	National Level Seminar on Algebra and Analysis	National	Speaker	Rajah Serfoji Government College	Thanjavur
March 26, 2019	One Day Special Workshop on Awareness on SET/CSIR Examinations for Mathematics	National	Speaker	Khadir Mohideen College	Adirampattinam
February 25-26, 2016	Recent Developments in Mathematical Analysis and its Applications	National	Paper presenter	Pondicherry University	Puducherry
August 27-28, 2015	Modern Trends in Mathematical Analysis and Applications	National	Paper presenter	Sri Akilandeswari Women's College	Wandiwash, Thiruvannamalai(DT), Tamil Nadu.
February 13-14, 2014	Algebraic Geometry and Lie Groups	National	Participant	Pondicherry University	Puducherry

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January 27-28, 2014	Recent Advances in Numerical Methods and its Applications	National	Participant	Pondicherry University	Puducherry
December 16-20, 2013	IWOTA 2013	International	Participant	IISc Bangalore	Bangalore
March 4-16, 2013	Instructional School for Lecturers on Functional Analysis	National	Participant	ISI Bangalore	Bangalore
October 4-5, 2012	Fuzzy Soft Computing Mathematical Analysis	National	Participant	Pondicherry University	Puducherry
January 30-31, 2012	Number Theory and Cryptography	National	Participant	Pondicherry University	Puducherry
January 9-12, 2012	Geometry of Banach spaces and Best Approximation Problems	International	Participant	Pondicherry University	Puducherry
December 19-20, 2011	Algebra	International	Participant	Pondicherry University	Puducherry
November 28, 2011	Modern Mathematics	National	Participant	Pondicherry University	Puducherry
February 7-9, 2011	Graph Theory	National	Participant	Pondicherry University	Puducherry
September 2-3, 2010	Non-Commutative Rings & Combinatorial Representation Theory	International	Participant	Pondicherry University	Puducherry
August 12-17, 2010	ICM-2010 Satellite – Conference on Integrable Systems and Geometry	International	Participant	Pondicherry University	Puducherry
December 18-19, 2009	Analysis of PDE	National	Participant	Pondicherry University	Puducherry
December 3-27, 2008	Annual Foundation School in Mathematics-I	National	Participant	Panjab University	Chandigarh , Panjab
16 <sup>th</sup> June to 4 <sup>th</sup> July 2008	Summer Programme in Mathematics	National	Participant	Harish-Chandra Research Institute, Allahabad.	Allahabad, U.P.
April 3-5, 2008	Lecture-Workshop in Mathematics	National	Participant	Pondicherry University	Puducherry
March 14, 2008	Algebra & Analysis	National	Participant	Pondicherry University	Puducherry

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

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Title of Activity	Level of Event (International/ National/ Local)	Date (s)	Role	Venue
National Level Workshop on Algebra, Analysis and Differential Equations	National	14-06-2021 to 18-06-2021	Coordinator	NIT Trichy
National Conference on Mathematical Analysis and Applications	National	23-04-2021 to 24-04-2021	Secretary	NIT Trichy
International Workshop and Conference on Mathematical Analysis and Computation	International	02-12-2019 to 06-12-2019	Secretary	NIT Trichy

18. Invited Talks delivered

Topic	Date	Inviting Organization
Fixed Point Theorems	03-10-2016	Thiruvalluvar Govt. Arts College, Rasipuram, Namakkal (DT), Tamil Nadu.

19. Membership of Learned Societies

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

20. Academic Foreign Visits

Country	Duration of Visit	Programme

21. Publications

(A) Refereed Research Journals:

Author(s)	Title of Paper	Journal	Volume (No.)	Page numbers	Year	Impact Factor of the Journal (Optional)
V. Indumathi,	Ball proximal and strongly ball proximal	Journal of Approximation	172	37-46	2013	0.931

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N. Prakash	hyperplanes	Theory				
V. Indumathi, N. Prakash	E-proximinal subspaces	Journal of Mathematical Analysis and Applications	450	1-11	2017	1.064
V. Indumathi, N. Prakash	Local Uniform Strong Proximality of the Space of Continuous Vector-Valued Functions	Numerical Functional Analysis and Optimization	38	1014- 1023	2017	0.852
N.Prakash,	Stability of E- proximality	Palestine Journal of Mathematics	11(1)	524-530	2022	
N.Prakash, K.V. Sangeetha	Best Approximative Properties of Exposed Faces	Journal of Convex Analysis	29(3)	Published Online  Article ID: JCA 29041	2022	0.853

**(B) Conferences/Workshops/Symposia Proceedings**

Author(s)	Title of Abstract/ Paper	Title of the Proceedings	Page numbers	Conference Theme	Venue	Year
N. Prakash	E-proximality in $\infty$ -direct sum of two Banach spaces	National Level Conference on Modern Trends in Mathematical Analysis and Applications	459-464	Mathematical Analysis and Applications	Sri Akilandeswari Women's College, Wandiwash, Thiruvannamalai (DT), Tamil Nadu	2015

**(C) Books & Monographs**

Author(s)	Title of Book/Monograph	Name of Publishers	Year of Publication	ISSN/ISBN Number