

STAFF PROFILE



Name : Dr. T. Praveen
Designation : Assistant Professor of Mathematics
Date of Entry into Service : 16.07.2015
E-mail : praveent.sf@maduracollege.edu.in
Mobile (Optional) : +91- 99 5 249 349 5
Education : M.Sc., P.hD.,
Areas of specialization : Mathematical modeling, Differential Equations,
Asymptotic techniques.

Projects undertaken

Title of the Project	Name of the funding Agency	Duration	Completed/Ongoing	Amount	Remarks

Seminars Organized

Title of the Seminar/Conference/Workshop	Date	Sponsoring Agency	National/State/International	Co-ordinator/Convener

Seminars, Workshop and Conferences Attended

Title of the Seminar/Conference/Workshop	Date	Sponsoring Agency	National/State/International	Organization in which attended
Mathematical Modeling	10 th & 11 th Feb, 2017	IASC (Bangaluru), INSA (New Delhi), NASI (Allahabad)	National	The Madura College

Faculty Training Programme on Funded Research Project Proposal and Thesis Writing	20 th Oct, 2015	Sethu Institute of Technology	State	Sethu Institute of Technology
Advances in Pure and Applied Mathematics	26 th Feb, 2015	UGC	National	Arul Ananadar College
Recent Development in Mathematics and its Applications	9 th Jan, 2015	DST	National	The Madura College
Advances in Mathematics and its Applications	26 th Sep, 2014	UGC	State	The Madura College
Recent Trends in Mathematical Models	14 th Aug, 2014	UGC	State	Mannar Thirumalai Naicker college
Mathematical computation and modeling	6 th Jan, 2014	CSIR	National	The Madura College
Applicable Mathematics and Mathematical Methods	28 th Dec, 2013	Madurai Sivakasi Nadar Pioneer Meenakshi college for Women	National	Madurai Sivakasi Nadar Pioneer Meenakshi college for Women
Advances and applications of Mathematical modelling	15 th &16 th April, 2013	DST & CSIR	National	The Madura College
Applications of Differential Equations in Ecology and Epidemiology	10 th & 14 th Oct, 2012	DST	National	IIT Roorkee
Mathematical models and methods	1 st & 2 nd March, 2012	UGC & DST	National	The Madura College
Applications of Differential Equation	25 th Jan, 2012	UGC	State	The Madura College
Philosophical and Mathematical Inventions on Artificial Intelligence	7 th Jan, 2011	The Madura College	State	The Madura College

Books Published:

Title of the Book Published	ISBN No.	Publisher if any	Year of Publishing	Authored/Edited

Research Publications:

Title of the Journal	ISSN No. if any	Volume No. & Page No. if any	Year	International/National/State
Mathematical modeling and analysis of the mole concentrations of ethanol, acetaldehyde and ethyl acetate inside the catalyst particle, “Kinetics and Catalysis”	1608-3210	Vol.57, No.1, 127–136	2016	International
Theoretical analysis through mathematical modeling of two-phase flow transport in an immobilized-cell photobioreactor. “Chemical Physics Letters”	0009-2614	Vol.625 Issue: 193–201	2015	International
Theoretical analysis of intrinsic reaction kinetics and the behavior of immobilized enzymes system for steady state conditions. “Biochemical Engineering Journal.”	1369-703X	Vol.91 Issue: 129–139	2014	International
Theoretical analysis of an amperometric biosensor based on parallel Substrates conversion. “ISRN Electrochemistry”	2314-5439	Vol. 2014, Article ID 816789	2014	International
Mathematical modeling and analysis of non-linear enzyme catalyzed reaction processes. “Journal of Theoretical Chemistry”	2314-6184	Vol. 2013, Article ID 931091	2013	International
Mathematical modeling and analysis of the kinetics of thermal inactivation of enzyme “International Journal of Engineering Mathematics”	2314-6109	Vol. 2013, Article ID 132827	2013	International

Research Activities

Degree	No. Awarded	No. Submitted	No. Guiding
M.Phil.,			
Ph.D.,(Part-time)			
Ph.D. (Full-time)			

Details of Invited Lecture / Resource Person

Place	Date	Sponsoring Agency	Topic	Audience type	International/National/State Level

Academic council/Board of Studies Member

Institution	For a period of	Dept.

Honours Achieved

Agency	Recognition IN/National/State	Cash award if any(Amount)	For the service of

Service in Extra Curricular Activities (NSS/NCC/AEEP/YRC/MCCA/Club etc.,)

Whether NSS/NCC/AEEP/YRC	Period

Reviewer/editor of a journal

Title of the Journal	ISSN No. if any	International/ National/State	Impact factor/h-index

Details of Orientation and Refresher attended

Orientation/Refresher	University/College/Institute at which attended	Duration
Orientation Programme	The Madura College	26th and 27th September, 2015

Any Other Information: