

Dr.MODEM RAMESH, Asst.Professor(C)



Name of the Teacher : Dr. MODEM RAMESH
Qualifications :M.Sc, Ph.D(MATHEMATICS)
Teaching Experience :14 yr
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H-index :
I₁₀ :

1.Academic Qualifications

Examination	Subject	Name of the Board / University	Year of Passing	Percentage of marks obtained	Division / Class / Grade
High School / Matric	SSC	SSC	1995	78	I
Intermediate	MPC	BIE	1997	59	II
Undergraduate	B.Sc	Kakatiya University	2000	59	II
Post-Graduate	M.Sc	Kakatiya University	2003	72	I

2. Research Degrees

Degrees	Title	Date and year of award	University
Ph.D (MATHEMATICS)	Study of various vibrations in isotropic and transversely isopropic poroelastic solids	2017	Osmania University

3. Fields of Specification under the Subject / Discipline: Applied mathematics

4. Details of Research Projects: Nil

5. Publications

No. of Papers Published : 5

Sl. No	TITLE OF THE PAPER	JOURNAL NAME	NATIONAL/ INTER NATIONAL	MONTH /YEAR	VOL/ISSU E NO /PAGE.NO	ISBN/ ISSN.NO	IMPACT FACTOR
1	Shear wave propogation in magneto – poroelastic dissicipative isotrophic medium sand whicked between two poroelastic half-spaces	International Journal of pure and applied Mathematics	International	2018	118	4645-4656	1314-3395
2	Torsional Vibrations of Coated Hollow Poroelastic Spheres	Open Journal of Acoustics	International	March 2017	Vol.7 No.1	2162-5794	0.61

3	Study of free vibrations in isotropic poroelastic solid sphere with rigidly fixed conditions, Proceedings of the International Conference	International Conference Computational Heat and Mass Transfer	International	2015	127: 1079 – 1086	1877-1758	0.74
4	Analysis of radial vibrations of poroelastic circular cylindrical shells immersed in an acoustic medium; International Journal of Engineering Science and Technology	International Journal of Engineering Science and Technology	International	2014	6(5): 26-35.	0975-5462	0.54
5	Love Wave Propagation in a Transversely Iso-Tropic Poroelastic Layer immersed in a Viscous Liquid	Raja Ram Mohan Roy national agency	National	2018	1:215	978-93-5291-837-9	

6. Faculty Recharging Strategies (UGC, ASC , Refresher / Orientation Programmes , Workshops, Training Programs and Similar Programmes Attended).

No. of Conferences attended: 22

No. of Papers presented : 4

Conferences/Seminars/Workshops/Training Programs: Attended

Sl.No	CONFERENCE/SEMINAR/ WORKSHOP/TRAINING PROGRAM	INSTITUTION&PLACE	YEAR	DURATION & DATES	TITLE OF THE PAPER
1	User Awareness Programme on Access to e-Resources under the UGC-INFONET Digital Library Consortium	University Library, Osmania University, Hyderabad	2009	June 23	
2	“International Conference on Recent Advances in Fluid Mechanics”	Osmania University Hyderabad	2010	23-24	
3	“Mathematics Modeling Computational Aspects for Continuum Mechanics”	Department of Mathematics, Osmania University, Hyderabad	2010	December 20- 24	
4	NET Technologies	Department of Mathematics, Osmania University, Hyderabad	2011	July 30-31	
5	Mathematical Modeling in Fluid Mechanics”	Department of Mathematics, Osmania University, Hyderabad	2011	November 30	
6	Active participant in Inter-University Zonal	Osmania University,	2012	16-11-2012 to	

	(North/South/East/West/Central) Youth festival	Hyderabad		20-11-2012.	
7	Computer Solution of Process Model Equation	University College of Technology, Osmania University, Hyderabad	2012	October	
8	MAT LAB	Kakatiya Univesity,	2013	April	
9	“Mathematical Modeling in Engineering”	NIT Warangal	2013	December	
10	“XXII Congress and National Conference on Recent Trends on Mathematics”	Anurag college of Engg.	2014	January	
11	“Implementation of Finite Element Methods and Relevance of Mathematics to Real World”	Department of Mathematics, Osmania University, Hyderabad.	2014	1 st to 14 th August	
12	“Study of Free Vibrations in Isotropic poroelastic Solid Sphere with Rigidly Fixed Conditions”	Department of Mathematics, NIT Warangal	2015	30 th November to 2 nd December	
13	National Conference on Applied Nonlinear Dynamics.	NIT Warngal	2016	Dec 21-22	Love Wave Propagation in a Transversely Iso-Tropic Poroelastic Layer immersed in a Viscous

					Liquid
14	Two days conference on contemporary approaches in Scientific Computing paper presented	OU	2017	29 th – 30 th August 2017	Analysis of radial vibrations of poroelastic circular cylindrical shells immersed in an acoustic medium
15	National Conference on Recent Advances in Mathematics – XXVI Congress of AP Society for Mathematical Sciences – Paper Presented	KU, Warangal	2017	11 th -13 th August 2017	Torsional vibrations of coated hollow poroelastic spheres
16	62 nd Congress of Indian Society of theoretical and applied mechanics (ISTAM -2017) participated	OU, Hyderabad	2017	December 15 th to 18 th 2017	
17	Scientific terminology in Hindi and Telugu	UCEOU	2017	MAY 2,3	
18	Five day faculty development programme on academic English integral personality development and research methodology	UCT, OU	2018	February 8 th to 12 th 2018	
19	International conference on computational fluid flow and heat transfer	OU, Hyderabad	2018	March 28&29	A study on propagation of waves in a transversely isotropic poroelastic layer bounded between two

					viscous liquids
20	National conference on mathematical sciences and applications	OU, Hyderabad	2018	June 30-31	-
21	One week short term training programme on mathematical modelling and numerical techniques in Engineering and science	NIT, Warangal	2018	Oct 9-13	
22	National conference on recent advances and applications in mathematics- NCRAAM	OU, Hyderabad	2019	Feb 26-27	-
22	Commission for scientific and technical terminology	OU, Hyderabad	2019		

5. WORK EXPERIENCE PROFILE:

- Working as Assistant Professor(contract) from 2010 to till date in University College of Technology, Osmania University, Hyderabad.
- Worked as Lecturer for two years in Spectra Junior College, Khammam.

6. TECHNICAL SKILLS:

Operating Systems	MS DOS, MS Windows 98/2000/XP
Office Tools	MS Office (2000/2003/2007/2010)
Languages	C, C++.

7. SKILLS:

- ✓ Have capacity to work hard in order to meet the stipulated deadlines
- ✓ Teaching methods that make students think beyond classroom, that make students compete at global level.
- ✓ Won Prizes in Badminton in College Sports day celebrations.
- ✓ Excellent planning and organizational skills.
- ✓ Ability to prepare required materials for classes.
- ✓ Ability to schedule and adjust time-tables.
- ✓ Active participant in all the sportive and team building activities.
- ✓ Excellent interpersonal, analytical and communication skills.

8. OBJECTIVE:

As an experienced teacher, I would like to devise captivating, fascinating, and unique practices of teaching that create interest in the students. With my cordial nature, I would like transform individuals into technocrats, to inculcate great values in students and create individuals with great attitude and knowledge.

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