



Faculty Profile

Name Current Designation Department Email Phone	Dr.G. Radha Associate Professor Department of Humanities & science radhagajjala79@gmail.com 9966815484
Address (Present and Permanent)	45/234, Balaji Nagar, Near ITI Circle, Ravindra Nagar (P.T), Kadapa, 516003.
DOB	27/05/1979
Summary	Dr.G. Radha holds Ph.D. degree in mathematics from Sri Venkateswara University, Tirupati. I taught mathematics to undergraduate students for more than 19 years, and also for postgraduate students for the academic year. I am currently working as Associate Professor of mathematics in Department of Humanities and Sciences, K.S.R.M. College of Engineering, Kadapa. I got a Ph.D. guide ship from JNTUA in the month of JUNE 2021. I am in charge of the Timetable of H&S and Convenor of Anti-Sexual harassment Cell.
Family	Husband: M. Rama Chandra Reddy Daughter: M. Meenakshi, (B. Tech)

Education:

Qualification	Institution/University	Name of the College/School	Year of Passing	Class/ Division
S.S.C	Board of Secondary Education,A. P	Z.P.P.G High School, Kadapa	March 1994	Second
Intermediate	Board Intermediate Education, A.P.	R.N.T Junior College, Kadapa	March 1996	First
B.Sc. (M.P.S)	Sri Venkateswara University, Tirupati	S.V. Degree College, Kadapa	April 1999	Distinction
M.Sc. (Mathematics)	SriVenkateswara University, Tirupati	S.V. Degree PG College, Kadapa	May 2001	First
B.Ed. (Mathematics)	Sri Venkateswara University, Tirupati	Bharath College of Education, Kadapa	December 2003	Third
Ph.D.	Sri Venkateswara University, Tirupati	S.V. Science&Arts College, Tirupati	September 2018	-

Experience:

Designation of the post Held	Name of the Employer and address of organization	Period	
		From	To
Associate Professor	K.S.R.M. College of Engineering, Kadapa	01/04/2021	Tile date
Asst. Professor	K.S.R.M. College of Engineering, Kadapa	01/08/2008	31/03/2020
Asst. Professor (Adhoc)	K.S.R.M. College of Engineering, Kadapa	18/10/2004	31/07/2008

Subjects Taught:

UG	<ul style="list-style-type: none"> ● Mathematics-I, ● Mathematics-II, ● Mathematics –III , ● Mathematics-IV, ● Probability & Statistics, ● Numerical Methods and Probability & statistics ● Operations Research. ● Linear Algebra and Calculus ● Differential Equations and Vector Calculus ● Special Functions and Complex Analysis ● Number Theory and Its Applications ● Probability Theory and Statistical Methods ● Probability, Statistics and Numerical Methods
PG	<ul style="list-style-type: none"> ● Mathematics for Intelligent System ● Numerical Methods

Additional Responsibilities/ Contribution in the development of Dept /College:

Responsibility/ Contribution	<ul style="list-style-type: none"> ● Time Table Coordinator ● Class Teacher ● Member in women protection cell ● Board of Studies Member ● Academic council Member ● SPOC in NACC, Department Criteria – I Coordinator. ● Department Criteria –2,5&8 Coordinator ● Board of Studies Chairman ● NACC Criteria –3 Coordinator ● Convener of Anti-Sexual harassment Cell
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Membership in Professional bodies:

Name of the professional body	Indian Society for Technical Education, Life Membership ID NO: LM 107167
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- Conducted National Level Online Quiz competition on APTITUDE.

Conferences attended (National/ International):

SNO	Title of the Conference	Venue	Period(From-To)
1.	National Conference on Recent Developments in Applications of Mathematics in Science and Engineering.	AITs, Rajampet, Andhra Pradesh.	10 th & 11 th January 2015
2.	Frontiers in Mathematics	Yogi Vemana University, Kadapa	18 th & 19 th March 2015
3.	Advances in Research and Innovations in Mathematics	Yogi Vemana University, Kadapa	7 th September 2018
4.	Andhra Pradesh Science Congress	Yogi Vemana University, Kadapa	9 th to 11 th November 2018

Refresher Course/FDP attended (National/ International):

SNO	Title of the Program/course/FDP	Venue	Period(From-To)
1.	Two Day Faculty Development Program on Innovative Teaching Strategies	K.S.R.M.College Of Engineering(Autonomous), Kadapa	18/06/2019 to 19/06/2019
2.	Philosophy for Happy Life	Satya Institute of Technology and Management, Gajularega, Vizianagaram, AndhraPradesh, India.	12.06.2020 - 16.06.2020.
3.	Applications of Mathematics in engineering.	Department of Mathematics, KPR Institute of Engineering and Technology, Coimbatore.	20.07.2020 – 25.07.2020.
4.	Orienting Applications and Conceptualized Aspects of Science and Humanities.	Department of Humanities and Sciences, Balaji Institute of Technology and Science, Narsampet, Warangal rural, Telangana.	21.07.2020 - 25.07.2020.
5.	Applications of Mathematics in Engineering.	Department of Mathematics, KPR Institute of Engineering and Technology, Coimbatore.	27.07.2020 - 31.07.2020..
6.	Four-day Soft Skills Online Training Program.	Kranti guru Shyamji Krishna Verma Kachchh University, Bhuj – Kachchh	20 th , 22 nd , 24 th and 27 th July 2020.
7.	Introduction to Machine Learning	Centre for Research and Innovation, KSRRM College of Engineering (Autonomous), Kadapa.	24 th to 30 th September 2020
8.	Recent Trends in Applications of Mathematics	Chadalawada Ramanamma Engineering College (Autonomous), Tirupati.	12 th to 17 th July 2021
9.	Foregrounding the Spectrum of Character Building in Modern Human Life	Department of Humanities and Sciences, Balaji Institute of Technology & Science, Telangana.	25 th June to 3 rd July 2021
10.	Scientific Documentation using Latex (SDL-2021)	Sagi Rama Krishnam Raju Engineering College (Autonomous), Bhimavaram.	9 th to 14 th August 2021
12.	Emerging Trends and Technologies in Development of Skills in Higher Education	Department of English and Zoology, JMJ College for Women(Autonomous), Tenali.	21.11.2022 to 26.11.2022

Workshops attended (National/ International):

SNO	Title of the Workshop	Venue	Period(From-To)
1	'Science Academies' Lecture workshop on theoretical and computational fluid dynamics	Sri Venkateswara University, Tirupati	21 st &22 nd March 2016
2	Effective teaching methods using MATLAB & SIMULINK	K.S.R.M. College Of Engineering Autonomous), Kadapa	7 th October 2017
3	Innovative Techniques in Engineering and Management	KLM College of Engineering for Women, Kadapa.	22 nd &23 rd March 2019
4	SCILAB PROGRAMMING	K.S.R.M. College Of Engineering Autonomous), Kadapa	4 th May 2019
5	Computing Software for Water Resource Engineering and Management	K.S.R.M. College Of Engineering (Autonomous), Kadapa	20 th & 21 st March 2020
6	A webinar on online teaching methods and assessment using G-Suite.	A webinar on online teaching methods and assessment using G-Suite.	24 th May2020.
7	Research Advances in Sciences & Engineering	Chadalawada Ramanamma Engineering College (Autonomous), Tirupati	14 th to 18 th June 2021

NPTEL Courses:

S.No	Title of the Course	Month & Year & No. of Weeks	No. of Weeks	Achievement
1.	Engineering Mathematics-1	Jan-Apr 2019	12	Elite
2.	Scientific Computing Using Matlab	Jan-Apr 2022	12	Silver
3.	Essential Mathematics for Machine Learning	Jul-Oct 2022	12	-

Coursera Courses:

S.No	Title of the Course	Name of the University
1.	Differential Equations for Engineers	The Hong kong University of Science and Technology
2.	Introduction to Calculus	The University of Sydney

List of Textbooks:

S.No	Author	Title	Year	ISBN NO	Journal
1.	Dr.G.Radha Dr.S.Sudhakar Reddy	Operations Research	2021	978-93-92437-12-0.	Research India Publications
2.	Sri. B. Veera Sankar Dr. B. Rama Bhupal Reddy Dr.G.Radha	Special Functions and Complex Analysis	2022	978-93-91679-10-1.	Professional Books Publisher

List of Publications: National/ International Journal:

S.No	Title	Page No.	Year	ISSN NO	Journal
1.	Slip Flow and Convective Heat Transfer of The Carreau Fluid Over a Radially Stretching Sheet	305-318	Volume 54 number 4- February 2018.	2231-5373	International Journal of Mathematics Trends and Technology (IJMTT)
2.	Slip Flow of Radioactive Unsteady Boundary Layer Flow of Nanofluid Past a Stretching Sheet with Convective Boundary Condition	2643-2662	Volume 10, Number 8 (2017).	0973-6107	Advances in Computational Sciences and Technology
3.	Slip Flow of Casson Fluid with Variable Thermo physical Properties along exponentially Stretching Sheet under Convective Heating	235-256	Volume 12, Number 2 (2017).	0973-1881	International Journal of Mechanics and Solids.
4.	MHD Boundary Layer Flow of Radiating Nanofluid Embedded In Porous Medium Pastan Exponential Permeable Stretching Sheet	4709 - 4732	Volume 14, ISSUE5, 2020.	1001-2400	Journal of Xidian University
5.	Hydrodynamics Stream Transmitting Non Liquid Imbedded in a Permeable Medium Over an Exponential Stretching Sheet	8294 - 8316	Volume:63, Issue:5, 2020.	0038-111X	Solid State Technology (SCOPUS)
6.	An Analytical Study on Properties of Chromatic And Polynomial on Isomorphic And Bipartite Graphs	234 - 237	Volume XCIV, No.1 (II), 2021.	0972 - 0766	Journal of the Asiatic Society of Mumbai (UGC Care Group I Journal)
7.	Heat and Mass Transfer on Unsteady MHD Kuvshinski Fluid Flow Past an Inclined Porous Plate with Multiple Slip Effect	103-115	Volume 106, 2023	2289-7879	Journal of Advanced Research in Fluid Mechanics and Thermal Sciences
8.	Three Dimensional Casson nanofluid Flow with Convective Boundary Layer via Stretching Sheet	1121-1129	Volume 44 Issue S-5	253-7214	Journal of Advanced Zoology
9.	Thermal radiation and heat generation on three-dimensional Casson fluid motion via porous stretching surface with variable thermal conductivity			2391-5471	Open Physics
10.	Enhancing Student Performance through Adaptive Knowledge Assessment: A Bayesian Optimization Approach				IEEE

Seminars/Webinars Attended (National/International):

S.NO	Title of the Webinars	Organization	Period (From-To)
1	NDLI	NDLI	7.05.2020
2	Impact of COVID-19 on the Development of Rural Economy-Challenges and Opportunities	LEAD INDIA FOUNDATION & JNTUA Anantapur	27/07/2020
3	Machine learning for Beginners	Department of Computer Science and Engineering, Narayana Engineering College, Gudur, Andhra Pradesh.	23.05.2020
4	NAAC Accreditation Management System Demo	In Pods Ed – tech	27.05.2020
5	One day webinar on statistics for data analytics.	Department of mathematics, KPR Institute of Engineering and Technology, Coimbatore.	19.06.2020
6	Application of mathematics in mechanical engineering.	Department of mathematics, KPR Institute of Engineering and Technology, Coimbatore.	11.06.2020 & 12.06.2020
7	Writing research papers and submissions by Prof. Lance Fung.	IEEE Young Professional, Malaysia.	03.06.2020.
8	Applications of Mathematics in Engineering	Department of Mathematics, KPRIET, Coimbatore.	08.09.2020 & 09.09.2020.
9	Two days international webinar Fluid Dynamic and its Applications.	Government First Grade college, Vijayanagar, Bengaluru, Karnataka, India.	28.05.2020 & 29.05.2020.
10	International Webinar on Pedagogy for Effective Teaching in 21 st Century.	Department of MBA, SV college of Engineering, Tirupati, Andhra Pradesh.	27 .07.2020.
11	Mathematics is the Brain of Engineering and Technology	Department of Mathematics(H&S), Vignana Bharathi Institute of Technology, Hyderabad, Telangana.	26.07.2020.
12	Emerging Novel Fluid for Heat Transfer Applications	Department of Mechatronics Engineering, Nehru Institute of Engineering and Technology, Coimbatore.	10.09.2020
13	One day National Webinar on Ecology of Classroom-Teacher' Responsibility	Department of Chemistry, Lords Institute of Engineering and Technology, Hyderabad.	22.05.2021
14	Applications of Mathematics in Deep Learning	Department of Humanities and Sciences, Annamacharya Institute of Technology and Sciences, Kadapa.	13.07.2021
15	Operations Research & Its Applications	The Oxford College of Engineering Department of Management Studies, Bengaluru	30.06.2021

Patent Application Publication:

“System and Method for Optimal Control of Magneto hydrodynamics Fluid Flows Using Mathematical Modeling” 01 September 2023. Application No: 202341053540A

Place: Kadapa
Date: 16/08/2024

Signature of the Candidate

(Dr.G. RADHA)