

CURRICULUM VITAE

Dr. J. GIRISH KUMAR

Lecturer in Mathematics

Government College,

Nagari – 517590.

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Personal

Given Name	:	Girish Kumar
Surname	:	Jorige
Father's Name	:	Narayana
Mother's Name	:	Bujjamma
Date of Birth	:	25-07-1976
Nationality	:	Indian
Marital status	:	Married



Educational Qualifications

Exam Passed	Board/ University	Year of Passing	Class/ Divin/ Merit	Marks		% of Marks	Subjects Offered and passed	Place of Study
				Obtained of	Out			
Intermediate	Board of Intermediate Education	March, 1993	III	410	1000	41	Mathematics, Economics, Commerce	Nellore
B.A.	S. V. University Tirupati	April, 1996	I	1082	1600	68.7	Mathematics, Economics, Statistics	Nellore
M. Sc.	S. V. University Tirupati	April, 1999	I	760	1200	63.3	Mathematics, specialization in Operation Research	Tirupati
B. Ed.	S.K. University, Ananthapur	October 2001	III	636	1200	53	English, Mathematics	Allagadda
M. Tech.	Acharya Nagarjuna University, Guntur	June, 2010	I	1493	2200	67.86	Computer Science and Engineering	Distance Mode
Ph. D.	S.V. University Tirupati	September, 2010 CHEMICAL REACTION EFFECTS ON SOMEMHD POROUS FLOW MODELS					Mathematics, Specialization in Fluid Dynamics	Tirupati
APSET	Andhra University, Visakapatnam	October 31, 2021, MATHEMATICAL SCIENCES					Mathematics	
M. Sc.	S. V. University Tirupati	March, 2024					Psychology	Distance Mode

Teaching Experience

Designation	Name of the university/Institution	Period of Service	No. of Years	Classes taught/Nature of work
Lecturer in Mathematics	Aditya Degree college, Nellore S.V. University, Tirupati	June 1999 To Feb2004	5	I ,II,III B.Sc.
Lecturer in Mathematics	Sri Krishna Chaitanya Degree & P.G College, Nellore S.V. University, Tirupati	June 2004 To Sep2008	4	I, II, III B.Sc. And M. Sc.
Assistant Professor of Mathematics	Sri Vidyaniketan Engineering college, Tirupati	Sep2008 To Dec 2011	3.3	I, II and III B. Tech, Polytechnic and B. Pharm
Lecturer in Mathematics	Government Degree College, Jammalamadugu	24 th Dec 2011 To 27 th May 2017	5 Years 5 Months	I, II and III B.Sc.
Lecturer in Mathematics	S.V.A. Government College, Srikalahasti	27 th May 2017 To 10 th August 2023	6 Year 3 Months	I, II and III B.Sc. I & II M.Sc.
Lecturer in Mathematics	Government Degree College, Nagari	11 th August, 2023 to till date	'1 Year 3 Months	I, II and III B.Sc.

Languages Known

I) Spoken: **English, Telugu, Hindi**

II) Written: **English, Telugu, Hindi**

Computational Skills

Languages : C

Operating Platform : WINDOWS 98, 2000, XP, WINDOWS 11

Packages : MS – Office, Origin, MATLAB -7.1

Project

Completed one UGC-Minor Research Project of worth Rs.2,10,000.

Research Guidance

Under my supervision one Ph. D. was awarded in the Department of Mathematics in JNTUA Ananthapur.

ORCID ID

0000-0001-5346-8705

Member ship

1. Life member in Andhra Pradesh Society for Mathematical Sciences (L.M. No. 769).
2. Life member in Indian Society of Theoretical and Applied Mechanics (L/1043).
3. Life member in Indian Science Congress Association (L-31462)

Publications

1. **J. Gireesh Kumar, P.V. Satyanarayana, S. Ramakrishna.**, "EFFECTS OF CHEMICAL REACTION AND MASS TRANSFER ON MHD UNSTEADY FREE CONVECTION FLOW PAST AN INFINITE VERTICAL PLATE WITH CONSTANT SUCTION AND HEAT SINK ", Ultra Science Vol. 21(3), 639-650, 2009.
2. **J. Gireesh Kumar, S. Ramakrishna, M. Sivaiah.**, "EFFECTS OF CHEMICAL REACTION ON TRANSIENT MHD CONVECTION FLOW PAST A VERTICAL SURFACE EMBEDDED IN A POROUS MEDIUM WITH OSCILLATING TEMPERATURE", Ultra Scientist Vol. 21(3) M, 889-896, 2009.
3. **J. Gireesh Kumar, S. Ramakrishna.**, "MHD FLOW OF VISCOUS FLUID PAST AN IMPULSIVELY MOVING ISOTHERMAL MOVING VERTICAL PLATE THROUGH POROUS MEDIUM WITH CHEMICAL REACTION AND HEAT GENERATION/ABSORPTION", Ultra Scientist Vol. 22(3), 446-454, 2010.
4. **J. Gireesh Kumar, S. Ramakrishna.**, "EFFECTS OF CHEMICAL REACTION AND MASS TRANSFER ON RADIATION AND MHD FREE CONVECTION FLOW OF KUVSHINSKI FLUID THROUGH POROUS MEDIUM", Journal of Pure and Applied Physics, Vol. 22(3), 431-441, 2010.
5. **S. Rushma, J. Gireesh Kumar and K. Ramakrishna Prasad.**, "THE EFFECTS OF COUPLE STRESS AND SURFACE ROUGHNESS IN SQUEEZE FILM LUBRICATION OF SPHERICAL BEARINGS", International Journal of Engineering Science and Technology, Vol.3 No. 7, 5671 – 5681, 2011.
6. **J. Gireesh Kumar, P.V. Satyanarayana.**, "MASS TRANSFER EFFECTS ON MHD UNSTEADY FREE CONVECTIVE WALTHER'S MEMORY FLOW WITH CONSTANT SUCTION AND HEAT SINK", International Journal of Applied Mathematics and Mechanics, 7(19): 97 – 109, 2011.

7. **J. Gireesh Kumar, P.M. Kishore and S. Ramakrishna.,** "MASS TRANSFER EFFECTS ON MHD FLOWS EXPONENTIALLY ACCELERATED ISOTHERMAL VERTICAL PLATE IN THE PRESENCE OF CHEMICAL REACTION THROUGH POROUS MEDIA", *Advances in Applied Sciences Research*, 3(4):2134-2140, 2012.
8. **D. Ch. Kesavaiah, P. V. Satyanarayana, J. Gireesh Kumar and S.Venkataramana.,** "RADIATION AND MASS TRANSFER EFFECTS ON MOVING VERTICAL PLATE WITH VARIABLE TEMPERATURE AND VISCOUS DISSIPATION", *International Journal of Mathematical Archive*, 3(8): 3028-3035, 2012.
9. **M. Sudheer Babu, J. Girish Kumar and T. Sankar Reddy.,** "MASS TRANSFER EFFECTS ON UNSTEADY MHD CONVECTION FLOW OF MICROPOLAR FLUID PAST A VERTICAL MOVING POROUS PLATE THROUGH POROUS MEDIUM WITH VISCOUS DISSIPATION", *International Journal of Applied Mathematics and Mechanics*, 9 (6): 48-67, 2013.
10. **K. Sreelatha, B. Rami Reddy and J. Girish Kumar,** "CHEMICAL REACTION EFFECTS ON MHD FREE CONVECTIVE OSCILLATORY FLOW PAST A POROUS PLATE EMBEDDED IN A POROUS MEDIUM IN THE PRESENCE OF HEAT SOURCE", *International Journal of Mathematical Archive*, 4(2):184-197, 2013.
11. **B. Sreenivasa Reddy and J. Girish Kumar,** "TRANSIENT CONVECTIVE HEAT AND MASS TRANSFER THROUGH A POROUS MEDIUM IN A VERTICAL CHANNEL WITH SORET EFFECTS", *International Journal of Mathematical Archive*, 4(4):197-207, 2013.
12. **K. Sreelatha, B. Rami Reddy, P.M. Kishore and J. Girish Kumar,** "THE INFLUENCE OF CHEMICAL REACTION ON VISCO-ELASTIC RADIATIVE MHD FREE CONVECTION FLUID FLOW PAST A VERTICAL CONE EMBEDDED IN A POROUS MEDIUM", *International Journal of Mathematical Archive*, 4(5):59-74, 2013.
13. **J. Girish Kumar,** "CHEMICAL REACTION EFFECTS ON CONTINUOUSLY MOVING VERTICAL SURFACE WITH HEAT AND MASS FLUX THROUGH POROUS MEDIUM", *International Journal of Science, Engineering and Technology Research*, Volume 2 (4), 881-886, 2013.
14. **K. Sreelatha, B. Rami Reddy and J. Girish Kumar,** "CHEMICAL REACTION AND OHMIC DISSIPATION EFFECTS ON MHD MEMORY FLOW PAST A MOVING SURFACE THROUGH POROUS MEDIUM", *International Journal of Science, Engineering and Technology Research*, Volume 2 (4), 959-968, 2013.
15. **G. Sivakumar, G. Viswanatha Reddy, J. Girish Kumar and P.M. Kishore,** MHD FREE CONVECTIVE OSCILLATORY FLOW AND MASS TRANSFER PAST A POROUS PLATE EMBEDDED IN A POROUS MEDIUM IN THE PRESENCE OF RADIATION FOR AN OPTICALLY THIN FLUID, *International Journal of Mathematical Archive*, 4(7):83-93, 2013.
16. **R. MohanaRamana and J. Girish Kumar,** CHEMICAL REACTION EFFECTS ON MHD FREE CONVECTIVE OSCILLATORY FLOW PAST A POROUS PLATE EMBEDDED IN A POROUS MEDIUM IN THE PRESENCE OF RADIATION, *Journal of Global Research in Mathematical Archive*, Vol. 2, No. 3, 36-53, March 2014.
17. **R. MohanaRamana and J. Girish Kumar,** CHEMICAL REACTION EFFECTS ON MHD FREE CONVECTIVE FLOW PAST AN INCLINED PLATE, *Asian Journal of Current Engineering and Maths*, Vol. 3, No. 6, 66-71, 2014.
18. **J. Girish Kumar,** MASS TRANSFER EFFECTS ON MHD VISCOUS FLOW PAST AN IMPULSIVELY STARTED INFINITE VERTICAL PLATE THROUGH POROUS MEDIUM, *i-manager's journal on mathematics*, Vol.3, No.4, 42-50, October-December, 2014.

19. **J. Girish Kumar**, VISCOUS DISSIPATION AND MASS TRANSFER EFFECTS OF FLOW PAST A PARABOLIC STARTED VERTICAL PLATE WITH VARIABLE TEMPERATURE AND MASS DIFFUSION, i-manager's journal on mathematics, Vol.4, No.1, 40-45, January-March, 2015.
20. **J. Girish Kumar and R. Mohana Ramana**, VISCOUS DISSIPATION EFFECTS ON MHD FLOW PAST A PARABOLIC STARTED VERTICAL PLATE WITH VARIABLE TEMPERATURE AND MASS DIFFUSION, International Journal of Scientific & Engineering Research, Vol. 6, Issue 6, 57-62, September 2015.
21. **J. Girish Kumar**, UNSTEADY MAGNETOHYDRODYNAMIC CONVECTIVE HEAT GENERATING FLOW THROUGH A POROUS MEDIUM IN A VERTICAL PLATE IN THE PRESENCE OF RADIATIVE HEAT TRANSFER, i-manager's journal on mathematics, Vol.4, No.3, 34-47, July-September, 2015.
22. **J. Girish Kumar**, CHEMICAL REACTION EFFECTS ON UNSTEADY MAGNETO HYDRODYNAMIC CONVECTIVE FLOW THROUGH A POROUS MEDIUM IN THE PRESENCE OF HEAT GENERATION, International Journal of Mathematics and Computer Research, Vol. 4, Issue 5, 1348-1367, May, 2016.
23. **P. Srikara Reddy, J. Girish Kumar and R.V.S. Prasad**, EFFECTS OF RADIATION AND CHEMICAL REACTION ON TRANSIENT FREE CONVECTIVE MHD FLOW OVER A POROUS PLATE, International Journal of Latest Trends in Engineering and Technology, Vol. 7, Issue 1, 309-314, May, 2016.
24. **P. Srikara Reddy, J. Girish Kumar and R.V.S. Prasad**, EFFECTS OF CHEMICAL REACTION ON MHD AND RADIATIVE VISCOUS FLOW PAST AN IMPULSIVELY STARTED INFINITE VERTICAL PLATE, International Journal of Innovative Research in Science, Engineering and Technology, Vol. 5, Issue 5, 8335-8340 May, 2016.
25. **R. Mohana Ramana and J. Girish Kumar**, CHEMICAL REACTION AND SORRET EFFECTS ON UNSTEADY MHD FREE CONVECTIVE FLUID FLOW PAST AN INFINITE VERTICAL POROUS PLATE WITH VISCOUS DISSIPATION SUBJECT TO HEAT AND MASS FLUX, Global Journal of Pure and Applied Mathematics, Vol. 12, No.3, 796-801, 2016
26. **J. Girish Kumar, P. Srikara Reddy, R.V.S. Prasad**, CHEMICAL REACTION EFFECTS ON MHD VISCOUS FLOW PAST AN IMPULSIVELY STARTED INFINITE VERTICAL PLATE, International Journal of Mathematics and Computer Research, Vol. 4, Issue 7, 1526-1540, July, 2016.
27. **M. Umamaheswar, M.C. Raju, S.V.K. Varma, J. Gireesh Kumar**, NUMERICAL INVESTIGATION OF MHD FREE CONVECTION FLOW OF A NON-NEWTONIAN FLUID PAST AN IMPULSIVELY STARTED VERTICAL PLATE IN THE PRESENCE OF THERMAL DIFFUSION AND RADIATION ABSORPTION, Alexandra Engineering Journal, Vol. 55, 2005-2014, 2016
28. **J. Girish Kumar, S.K. Rushma and I. Romeswara Rao**, CHEMICAL REACTION EFFECTS ON MHD CONVECTION FLOW THROUGH A POROUS MEDIUM IN VERTICAL PLATE, International Journal of Research In Science and Engineering, Vol. 2, Issue 3, 239-246, March-April, 2017
29. **R. Mohana Ramana and J. Girish Kumar**, CHEMICAL REACTION AND RADIATION EFFECTS ON UNSTEADY MHD MIXED CONVECTIVE OSCILLATORY FLOW OF MICROPOLAR FLUID EMBEDDED IN A POROUS MEDIUM WITH HEAT GENERATION, International Journal of Engineering Research and Applications, Vol. 7, Issue 8, 74-81, August, 2017

30. **R. Mohana Ramana and J. Girish Kumar**, CHEMICAL REACTION AND RADIATION EFFECTS ON UNSTEADY MHD CONVECTIVE FLOW THROUGH A POROUS MEDIUM IN THE PRESECE OF HEAT ABSORPTION, Journal of Ultra Scientist of Physical Sciences, Vol. 29(9), 358-367, 2017
31. **R. Mohana Ramana and J. Girish Kumar**, HEAT SOURCE AND CHEMICAL REACTION EFFECTS ON UNSTEADY MHD FLOW PAST AN IMPULSIVELY STARTED OSCILLATING PLATE WITH VARIABLE TEMPERATURE AND MASS DIFFUSION IN THE PRESENCE OF HALL CURRENT, International Journal of Engineering Science & Research Technology, Vol. 7(3), 638-647, March, 2018
32. **T. Sujath, K. Jayarami Reddy and J. Girish Kumar**, CHEMICAL REACTION EFFECT ON NON-LINEAR RADIATIVE MHD NANOFLUID FLOW OVER CONE AND WEDGE, Defect and Diffusion Forum, Vol. 393, 83-102, 2019
33. **T. Sujath, K. Jayarami Reddy and J. Girish Kumar**, NONLINEAR RADIATION AND CHEMICAL REACTION EFFECTS ON MHD NANOFLUID FLOW PAST A STRETCHING SHEET IN THE PRESENCE OF HEAT GENERATION/ABSORPTION, AIP Conf. Proc. 2246, 020092-1-020092-8, ICMSA-2019, Published on July 2020
34. **R. Mohana Ramana, J. Girish Kumar and K. Venkateswara Raju**, MELTING AND RADIATION EFFECTS ON MHD HEAT AND MASS TRANSFER OF CASSON FLUID FLOW PAST A PERMEABLE STRETCHING SHEET IN THE PRESENCE OF CHEMICAL REACTION, AIP Conf. Proc. 2246, 020021-1-020021-15, ICMSA-2019, Published on July 2020
35. **Avula Venkateswarlu, sangapatnam Suneetha, Macharla Jayachandra Babu, Jorige Girish Kumar, Chakravarthula Siva Krishnam Raju, and Qasem Al-Mdallal**, SIGNIFICANCE OF MAGNETIC FIELD AND CHEMICAL REACTION ON THE NATURAL CONVECTIVE FLOW OF HYBRID NANOFLUID BY; A SPHERE WITH VISCOUS DISSIPATION: A STATISTICAL APPROACH, Nonlinear Engineering, 10, pp:563-573, 2021.
36. **R. Mohana Ramana, J. Girish Kumar and K. Venkateswara Raju**, MULTIPLE SLIPS AND HEAT SOURCE EFFECTS MHD STAGNATION POINT FLOW OF CASSON FLUID OVER A STRETCHING SHEET IN THE PRESENCE OF CHEMICAL REACTION, Materials today: Proceedings 49, 2306-2315, 2022
37. **Bommana Lavanya, Jorige Girish Kumar, Macherla Jayachandra Babu, Chakravarthula Sivakrishnam Raju, Nehad Ali Shah, Prem Junsawang**, IRREVERSIBILITY ANALYSIS IN THE ETHYLENE GLYCOL BASED HYBRID NANOFLUID FLOW AMONGST EXPANDING/CONTRACTING WALLS WHEN QUADRATIC THERMAL RADIATION AND ARRHENIUS ACTIVATION ENERGY ARE SIGNIFICANT, Mathematics, 10, 2984, 2022.
38. **Karanam Sreelatha, Jorige Girish Kumar, Panyam Venkata Satyanarayana**, INFLUENCE OF NONLINEAR RADIATION ON MHD NANOFLUID FLOW OVER A CONE WITH SECOND-ORDER VELOCITY AND THERMAL SLIPS: A NUMERICAL STUDY, Heat Transfer, 1-22, 2022, DOI: 10.1002/htj.22680
39. **Lavanya, B., Girish Kumar, J., & Jayachandra Babu, M.**, INFLUENCE OF THERMAL RADIATION AND SHAPE FACTOR ON A HYBRID NANOFLUID FLOW OVER A PERMEABLE FLAT PLATE WITH CROSS-DIFFUSION EFFECTS: AN IRREVERSIBILITY ANALYSIS, Numerical Heat Transfer, Part A Applications, 1-26, 2024.
40. **Lavanya, B., Kumar, J. G., Babu, M. J., Raju, C. S. K., Almutairi, B., & Shah, N. A.**, ENTROPY GENERATION MINIMIZATION IN THE CARREAU

NANOFLUID FLOW OVER A CONVECTIVELY HEATED INCLINED PLATE WITH QUADRATIC THERMAL RADIATION AND CHEMICAL REACTION: A STEFAN BLOWING APPLICATION, Propulsion and Power Research, 13(2), 233-244, 2024.

41. **S. Rushma, J. Gireesh Kumar, S. Sreelakshmi.,** EFFECTS OF CONSISTENCY VARIATION AND THERMAL EFFECT IN SQUEEZE FILMS WITH POWER LAW LUBRICANT IN SPHERICAL BEARINGS, Madhya Bharati-Humanities and Social Sciences, Vol. 85, No. 04, 71-85, July-December 2024.

Communicated: --

Participation in Symposia/Conferences/Workshop/Faculty Development Programme

National

1. **Attended National level symposium on "RECENTTRENDS ON MATHEMATICAL MODELLING"** held on 20May, 2009 in Sri Venkateswara University, Tirupati. Andhra Pradesh.
2. **Attended Faculty Development Programme** Organized National Institute of Technical Teachers' Training and Research (Ministry of Human Resource Development, Govt. of India) on "INSTRUCTIONAL DESIGN AND DELIVERY SYSTEM" held on 16-18 June, 2009 in Sree Vidyanikethan Engineering College, Tirupati. Andhra Pradesh.
3. **Attended National Work Shop on "MATHEMATICAL MODELS FOR BIOFLUID FLOWS AND APPLICATIONS"** held on 22-26 January, 2010 in Sri Venkateswara University, Tirupati. Andhra Pradesh.
4. **Attended UGC Sponsored National Work Shop on "TEACHING OF STATISTICS FOR COLLEGE TEACHERS"** held on 23-25 September, 2010 in Swami Vidyaprakasa Ananda Government College (M), Srikalahasti, Andhra Pradesh.
5. **Attended 6 – Day Training Program** Conducted by Government of Andhra Pradesh, Commissionerate of Collegiate Education for Newly Recruited Lecturers of Government Degree Collegesheld at K.V.R. Government College (W), Kurnool, Andhra Pradeshfrom 26-12-2011 to 31-12-2011.
6. **Attended Science Academies' Lecture Workshop on "MATHEMATICAL MODELLING IN SCIENCE AND ENGINEERING (SALW – 2012)"**held on 24-25 January, 2012 in Sri Venkateswara University, Tirupati. Andhra Pradesh.
7. **Attended National Work Shop on "ANCIENT INDIAN MATHEMATICS WITH SPECIAL FOCUS ON VEDIC MATHEMATICS AND ASTRONOMY"**, Jointly organized by Department of Mathematics, RSVP, Tirupati. & Department of OR & SQC, Rayalaseema University, Kurnool. Sponsored by Department of Science and Technology, Government of India, New Delhi, held on 24-28 February, 2012 in Rashtriya Sanskrit Vidyapeetha, Tirupati, Andhra Pradesh.
8. **Attended UGC Sponsored Refresher Course on "ROLE OF COMMUNICATION SKILLS IN EFFECTIVE TEACHING"** from 17-05-2013 to 06-06-2013 in JNTU, Hyderabad, Andhra Pradesh.

9. **Attended U.G.C. Sponsored Three-Day National Workshop on "MATHEMATICS AND ITS APPLICATIONS"**, from 4th – 6th February, 2014 in Yogi Vemana University, Kadapa, Andhra Pradesh.
10. **Attended National Work Shop on "BHASKARACHARY:LIFE AND WORKS"**, organized by Department of Mathematics, RSVP, Tirupati. Sponsored by Department of Science and Technology, Government of India, New Delhi, held on 8-12 December, 2014 in Rashtriya Sanskrit Vidyapeetha, Tirupati, Andhra Pradesh.
11. **Attended Short Term Training Program on "ADVANCED NUMERICAL METHODS IN FLUID DYNAMICS"** during April 17 – 19, 2015, organized by Department of Mathematics, National Institute of Technology Warangal, Warangal, Telangana, India.
12. **Attended Orientation Programme at Maunala Azad National Urdu University (MANUU) Hyderabad** during 02-12-2015 to 29-12-2015
13. **Attended TEQIP-II sponsored National Workshop on "RECENT TRENDS IN FLUID DYNAMICS AND NUMERICAL TECHNIQUE"** organized by Department of Mathematics, JNTUA College of Engineering (Autonomous), Pulivendula during 21st and 22nd October, 2016.
14. **Participated 104th The Indian Science Congress Association** held at S.V. University from January 3rd to 7th, 2017.
15. **Attended "OER, CONTENT DEVELOPMENT, MOOCS AND MOODLE"** organized by E & ICT Academy NIT Warangal, Commissionerate of Collegiate Education and State Council of Higher Education Govt. of A.P. at E & ICT Academy, NIT Warangal from 9th November to 14th November, 2018.
16. **Completed in UGC-Sponsored Refresher Course in MATHEMATICS** from 09-09-2019 to 21-09-2019 at Sri Venkateswara University, Tirupati, A.P.
17. **Completed in a National Level one week Online Short Term Training Program on "MATLAB for ALL"** during 04th June to 8th June 2020, organized by the Department of Electrical and Electronics Engineering, Sir M Visvesvaraya Institute of Technology, Bangalore.
18. **Participated in 5 day Faculty Development Programme in Mathematics**, on the theme of "New Knowledge Pedagogical Methods: New Frontiers in Real Analysis, Abstract Algebra Differential Equations and Calculus" from 13th July 2020 to 17th July 2020, Organized by Commissionerate of Collegiate Education, AP, Vijayawada.
19. **Participated 5 day Faculty Development Programme in LMS Video & Pedagogy** on the theme of "Imagining and shaping of Digital Education & LMS towards development of High-Quality e-content: Video making App based end to end Editing tools, Open Educational Resources (OER), OBS Studio, Pedagogy and Assessment" from 3rd August 2020 to 7th August 2020, Organized by Commissionerate of Collegiate Education, AP, Vijayawada.
20. **Completed online Two-week Refresher Course in MATHEMATICS** from 29-04-2023 to 13-05-2023 conducted by Ramanujan College,

University of Delhi, under the aegis of Ministry of Education, Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching.

21. **Participated 6 Day Training of the Trainers Program (ToT)** Faculty Development Programme English Medium of Instruction, Proficiency in English from 12.06.2023 to 17.06.2023 at Nodal Resource Centre (NRC), S.V.A. Govt. College, Srikalahasti organized by Commissionerate of Collegiate Education, A.P.
22. **Participated 5 Day Non-Residential Training of the Trainers Programme (ToT)** on Mathematics subject from 16.04.2024 to 22.04.2024 at Nodal Resource Center (NRC), S.G. Govt. Degree College, Piler organized by Commissionerate of Collegiate Education, Mangalagiri, A.P.

Selected Presentations in the conferences/symposia

International

1. **A paper presentation on** "HEAT GENERATION EFFECTS ON MHD FREE CONVECTIVE FLOW PAST AN INCLINED PLATE", in II International Conference on Applications of Fluid Dynamics, held from 21st – 23rd July, 2014 at Department of Mathematics, Sri Venkateswara University, Tirupati, Andhra Pradesh.
2. **A paper presentation on** "CHEMICAL REACTION EFFECTS ON UNSTEADY MHD FREE CONVECTIVE FLOW PAST AN INFINITE VERTICAL POROUS PLATE EMBEDDED IN A POROUS MEDIUM WITH UNIFORM HEAT AND MASS FLUX", in International Conference on Computational, Mathematical and Biological Modelling, held from 25th – 26th March, 2016, jointly organized by Department of Computer Science, Applied Mathematics & Sericulture, Sri Padmavathi Mahila Visvavidyalayam (Women's University), Tirupati, Andhra Pradesh, India.
3. **A paper presentation on** "CHEMICAL REACTION AND RADIATION EFFECTS ON UNSTEADY MHD CONVECTIVE FLOW THROUGH A POROUS MEDIUM IN THE PRESENCE OF HEAT GENERATION/ABSORPTION", in International Conference on Mathematical Computer Engineering (ICMCE-2016), organized by the School of Advanced Science, VIT University, Chennai during 16-17 December 2016.
4. **A paper presentation on** "INFLUENCE OF CHEMICAL REACTION ON MHD MIXED CONVECTIVE FLOW OF NANOFLUID PAST A MOVING/STATIONARY VERTICAL PLATE WITH VARIABLE TEMPERATURE", in 14TH International Conference on Science, Engineering and Technology (ICSET 2017) held at VIT University during 2-3, May 2017.
5. **A paper presentation on** "CHEMICAL REACTION AND RADIATION EFFECTS ON UNSTEADY MHD MIXED CONVECTIVE OSCILLATORY FLOW OF MICROPOLAR FLUID EMBEDDED IN A POROUS MEDIUM WITH HEAT GENERATION", in International Conference on "Fluid Dynamics and Its Applications", held at BNMIT, Bengaluru during July 12-14, 2014

National

1. **A paper presentation on** "MASS TRANSFER EFFECTS ON MHD FLOWS EXPONENTIALLY ACCELERATED ISOTHERMAL VERTICAL PLATE IN THE PRESENCE OF CHEMICAL REACTION" in A. P. Science Congress – 2009 held on 14-16 November, 2009 in Sri Venkateswara University, Tirupati, Andhra Pradesh.
2. **A paper presentation on** "EFFECTS OF RADIATION AND CHEMICAL REACTION ON TRANSIENT FREE CONVECTIVE MHD FLOW OVER A VERTICAL POROUS PLATE" in National Seminar on MATHEMATICS MODELLING IN FLUID DYNAMICS held on 24th March, 2012 in Sri Venkateswara University, Tirupati, Andhra Pradesh.
3. **A paper presentation on** "CHEMICAL REACTION EFFECTS ON MHD FREE CONVECTIVE FLOW OVER A POROUS PLATE WITH VARIABLE TEMPERATURE AND VARIABLE CONCENTRATION" in National Conference On Recent Developments in Mathematics and its Applications held on 29th January, 2014 in Sri Venkateswara University, Tirupati, Andhra Pradesh.
4. **A paper presentation on** "HEAT GENERATION EFFECTS ON MHD FREE CONVECTIVE FLOW OVER A POROUS PLATE WITH VARIABLE TEMPERATURE AND VARIABLE CONCENTRATION" in National Seminar on Emerging Trends in Mathematics and Its Applications, held on 6-7 March, 2014 in Acharya Nagarjuna University Ongole Campos, Ongole, Andhra Pradesh.
5. **A paper presentation on** "CHEMICAL REACTION AND VISCOUS DISSIPATION EFFECTS ON MHD FREE CONVECTIVE FLOW OVER A POROUS PLATE WITH VARIABLE TEMPERATURE AND VARIABLE CONCENTRATION" in National Seminar on Mathematical Modeling in Physical, Biological and Social Sciences, held on 5-6 January, 2015 in K.S.N. Government Degree College for Women, Ananthapuramu, Andhra Pradesh.
6. **A paper presentation on** "MASS TRANSFER EFFECTS ON MHD VISCOUS FLOW PAST AN IMPULSIVELY STARTED INFINITE VERTICAL PLATE THROUGH POROUS MEDIUM" in National Conference on Recent Developments in Applications of Mathematics in Science & Engineering, held on 10-11 January, 2015 in Annamacharya Institute of Technology and Sciences, Rajampet, YSR Dt, Andhra Pradesh.
7. **A paper presentation on** "VISCOUS DISSIPATION AND MASS TRANSFER EFFECTS OF FLOW PAST A PARABOLIC STARTED VERTICAL PLATE WITH VARIABLE TEMPERATURE AND MASS DIFFUSION" in UGC Sponsored National Conference on Women in Mathematics with Special Reference to Lilvati, held on 7th & 8th March, 2015 in Department of Mathematics, SPW Degree & PG College, Tirupati (In Collaboration with Department of Mathematics, S.V University, Tirupati), Andhra Pradesh.
8. **A paper presentation on** "VISCOUS DISSIPATION EFFECTS ON MHD FLOW PAST A PARABOLIC STARTED VERTICAL PLATE WITH VARIABLE TEMPERATURE AND MASS DIFFUSION" in National Conference on Recent Trends and Advances in Mathematics and its Applications held on 12th & 13th March, 2015 in Department of Applied Mathematics, Sri Padmavati Mahila Visvavidyalayam, Tirupati, Andhra Pradesh. (In association with International Journal of Scientific and Engineering Research)
9. **A paper presentation on** "MHD FLOW PAST A PARABOLIC STARTED VERTICAL PLATE WITH VARIABLE TEMPERATURE AND MASS DIFFUSION THROUGH POROUS

MEDIUM", in UGC-Sponsored National Seminar on Frontiers in Mathematics held on 18th& 19th March, 2015, in Department of Mathematics, Yogi Vemana University, Kadapa, Andhra Pradesh.

10. **A paper presentation on** "CHEMICAL REACTION EFFECTS ON MHD CONVECTION FLOW THROUGH A POROUS MEDIUM IN A VERTICAL PLATE" in National Conference on Recent Advances in Pure and Applied Mathematics on 6-7 March 2017, in Department of Applied Mathematics, Sri Padmavathi Mahila Visvavidyalayam, Tirupai. Andhra Pradesh.

DECLARATION TO BE SIGNED BY THE CANDIDATE

I here by declare that the statements in this application are true to the best of my knowledge.

