

FACULTY PROFILE

Name	Dr. J. Prakash
Father's Name / Mother's Name	P. Jayavel / J. Kamsala
Date and Place of Birth	06-05-1984 & Kongarayanur
Sex	Male
Marital status	Married
Nationality & Religion	Indian & Hindu
Community	MBC
Department	Mathematics
Current Designation & Grade Pay	Assistant Professor & level 10
Address for Correspondence	54 A, Vinayakar Koil Street, Kongarayanur [Post], Panruti [T.K], Cuddalore [Dist], Pin code: 607 104, Tamil Nadu, India.
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Academic Qualifications:

Examinations	Subject	Year of Passing	Name of the Board/ University
S.S.L.C.		1999	State Board
H.S.C.		2001	State Board
UG: B.Sc.	Mathematics	2004	Periyar E.V.R. College, Trichy, Bharathidasan University, Trichy
UG: B. Ed.	Mathematics	2005	Institute of Advanced Study in Education, Saidapet, University of Madras, Chennai
PG: M.Sc.	Mathematics	2007	University of Madras, Chennai
TN-SET	Mathematics	2012	Bharathiar University, Coimbatore

Research Degrees

Degrees	Subject	University	Title	Date of Award
M. Phil.	Mathematics	University of Madras, Chennai	Fuzzy linear programming	Aug 2009
Ph.D	Mathematics	Anna University, Chennai	A study of an external effect on Peristaltic motion of Newtonian/ non-Newtonian nanofluids in a tapered asymmetric channel	Mar 2017

Period of Teaching Experience: 12 Years and 07 Months

Designation	Period		Organization	Nature of Employment
	From	To		
Assistant Professor	Jan - 2019	Till now	Avvaiyar Government College for Women, Karaikal, Pudicherry UT	Permanent
Assistant Professor - II	Jun – 2018	Dec – 2018	SASTRA Deemed University, SRC Campus, Kumbakonam	Temporary
Assistant Professor	Jul – 2016	Jun – 2018	Agni College of technology, Thalampur, Chennai	Temporary
Assistant Professor	Sep – 2011	Jun – 2016	Arulmigu Meenakshi Amman College of Engineering, Near Kancheepuram– 604 410	Temporary
Assistant Professor	Sep – 2010	Sep – 2011	BKR College of Engineering and Technology, BKR Nagar, Tritutani.	Regular
Project Assistant	June –2009	Sep – 2010	Structural Engineering Research Centre (SERC), CSIR Campus, Taramain, Chennai - 113	Temporary

Fields of Specialization under the Subject / Discipline

- (a) Fluid Dynamics
- (b) Application of PDE
- (c) Numerical Analysis
- (d) Fractional Differential equations

Academic Staff College Orientation / Refresher Courses Attended:

Name of the Course / Summer School	Place	Duration	Sponsoring Agency
128 th Orientation course	Pondicherry University	22-05-2019 to 11-06-2019	UGC-MHRD
Two – Week Refresher Course In “Mathematical Sciences”	Pandit Madan Mohan malaviya national Mission on Teachers and teaching, New Delhi	14-07-2021 to 28-07-2021	Teaching Learning Centre, Ramanujan College, University of Delhi under the aegis of Ministry of Education,
UGC – Approved Short Term Professional Development Programme	Pandit Madan Mohan malaviya national Mission on Teachers and teaching, New Delhi	09-09-2022 to 17-09-2022	Teaching Learning Centre, Ramanujan College, University of Delhi under the aegis of Ministry of Education,

Research Publications:

Sl. No	Title	Year	Journal	Volume- Page with Impact Factor (IF)
1.	Peristaltic pumping of hybrid nanofluids through an asymmetric microchannel in the presence of electromagnetic fields	2023	Journal of Thermal Science and Engineering Applications	Accepted IF : 1.544
2.	Homotopy analysis on the bio-inspired radiative magnesium and iron oxides/blood nanofluid flow over an exponential stretching sheet	2023	Computational Particle Mechanics	Accepted IF: 3.116 (Springer Publication)
3.	Computation of EMHD ternary hybrid non-Newtonian nanofluid over a wedge embedded in a Darcy-Forchheimer porous medium	2023	International Journal of Ambient Energy	Accepted IF: 0.421 (Taylor & Francis Publication)

4.	Investigating to chemically reactive and radiative Darcy/non-Darcy stagnation point flow of ternary composite nanofluids with moderate Prandtl numbers	2023	International Journal of Modelling and Simulation	https://doi.org/10.1080/02286203.2023.2188515 IF: 2.91 (Taylor & Francis Publication)
5.	Entropy analysis of Hybrid Nanofluid flow over a rotating porous disk: A multivariate analysis	2023	Special Topics & Reviews in Porous Media: An International Journal	DOI: 10.1615/SpecialTopicsRevPorousMedia.2023045379 IF: 0.305 (Begell house Publication)
6.	Rotation, electromagnetic field, and variable thermal conductivity effects on free convection flow past an eternity vertical porous plate	2023	Heat transfer	https://doi.org/10.1002/htj.22797 IF: 2.42 (Wiley Publication)
7.	Heat transfer and hydromagnetic electroosmotic Von Kármán swirling flow from a rotating porous disc to a permeable medium with viscous heating and Joule dissipation	2023	Heat transfer	https://doi.org/10.1002/htj.22837 IF: 2.42 (Wiley Publication)
8.	Rotational flow and thermal behavior of ternary hybrid nanomaterials at small and high Prandtl numbers	2022	International Communications in Heat and Mass Transfer	138, 106337, 2022 IF:6.78 (Elsevier publication)
9.	Numerical analysis of electromagnetic squeezing flow through a parallel porous medium plate with impact of suction/injection,	2022	Waves in Random and Complex Media	https://doi.org/10.1080/17455030.2022.2088890 IF: 4.051 (Taylor & Francis Publication)
10.	Tangent hyperbolic non-Newtonian radiative bioconvection nanofluid flow from a bi-directional stretching surface with electro-magneto-hydrodynamic, Joule heating and modified diffusion	2022	The European Physical Journal Plus,	137 (4) 472,2022, IF: 3.758 (Springer Publication)

	effects,			
11.	Computation of magnetohydrodynamic electro-osmotic modulated rotating squeezing flow with zeta potential effects	2022	Colloids and Surfaces A: Physicochemical and Engineering Aspects	640, 128430. IF:5.51 (Elsevier publication).
12.	Electroosmotic modulated unsteady squeezing flow with temperature-dependent thermal conductivity, electric and magnetic field effects, ,	2022	Journal of Physics: Condensed Matter	34 (17) 175701. IF: 2.745 (IOP Publication).
13.	EMHD Casson hybrid nanofluid flow over an exponentially accelerated rotating porous surface,	2022	Journal of Porous Media	25(11) 1-24. IF: 1.572 (Begell House Publication).
14.	Impact of electromagnetic flow of a MHD Casson fluid over an oscillating porous plate,	2022	Heat Transfer	51(5) 4053-4079. IF: 2.42 (Wiley Publication)
15.	Insight into Newtonian fluid flow and heat transfer in vertical microchannel subject to rhythmic membrane contraction due to pressure gradient and buoyancy forces	2022	International Journal of Heat and Mass Transfer	184, 122249. IF: 5.584 (Elsevier publication)
16.	Thermo-electrokinetic rotating non-Newtonian hybrid nanofluid flow from an accelerating vertical surface	2022	Heat Transfer	51(2) 1746-1777, IF: 2.42 (Wiley Publication)
17.	Numerical simulation of double diffusive convection and electroosmosis during peristaltic transport of a micropolar nanofluid on an asymmetric microchannel	2021	Journal of Thermal Analysis and Calorimetry	143 (3), 2499-2514, IF: 4.755 (Springer Publication)

18.	Influence of Electroosmosis Mechanism and Chemical Reaction on Convective Flow Over an Exponentially Accelerated Plate,	2021	International Journal of Applied and Computational Mathematics,	7(4), 1-26. (Springer Publication)
19.	Impact of electroosmotic flow on a Casson fluid driven by chemical reaction and convective boundary conditions,	2021	Heat transfer	50(5), 4993-5019, (IF: 2.42) (Wiley Publication)
20.	A study of electro-osmotic and magnetohybrid nanoliquid flow via radiative heat transfer past an exponentially accelerated plate,	2021	Heat transfer	50(5), 4937-4960 (IF: 2.42) (Wiley Publication)
21.	Heat and mass transfer effect of a Magnetohydrodynamic Casson fluid flow in the presence of inclined plate,	2021	Indian Journal of Pure and Applied Physics	59 (1), 28-30, 2021. IF: 0.6 (CSIR Journal)
22.	Numerical study of electroosmosis induced alterations in peristaltic pumping of couple stress hybrid nanofluids through microchannel,	2021	Indian Journal of Physics	95 (11), 2411-2421. IF: 1.947 (Springer Publication)
23.	Heat transfer enhancement in radiative peristaltic propulsion of nanofluid in the presence of induced magnetic field	2020	Numerical Heat Transfer, Part A: Applications	79 (2), 83-110, IF: 2.569 (Taylor & Francis Publication)
24.	Numerical simulation of double diffusive convection and electroosmosis during peristaltic transport of a micropolar nanofluid on an asymmetric microchannel	2021	Journal of Thermal Analysis and Calorimetry	143, 2499-2541 IF: 4.755 (Springer Publication)
25.	Thermal, microrotation, electromagnetic field and nanoparticle shape effects on Cu-CuO/blood flow in microvascular vessels	2020	Microvascular Research	132, 104065, IF:3.75 (Elsevier publication).

26.	Study of EDL phenomenon in Peristaltic pumping of a Phan-Thien-Tanner Fluid through asymmetric channel	2020	Korea-Australia Rheology Journal	32(4), 271-285 IF : 1.404 (Springer Publication)
27.	3D Bioconvective multiple slip flow of chemically reactive Casson nanofluid with gyrotactic micro-organisms	2020	Heat Transfer—Asian Research	49 (1), 135-153 IF : 0.8 (Wiley Publication)
28.	Comparative analysis of Cu/blood and Cu–CuO/blood nanofluids on a peristaltic flow governed by an asymmetric channel	2020	Heat Transfer—Asian Research	49(8), 4923-4944 IF : 0.8 (Wiley Publication)
29.	Convective heat transfer and double diffusive convection in ionic nanofluids flow driven by peristalsis and electromagnetohydrodynamics	2020	Pramana	94 (1), 4 IF : 2.669 (Springer Publication)
30.	Comparative study of hybrid nanofluids in microchannel slip flow induced by electroosmosis and peristalsis	2020	Applied Nanoscience	10, 1693 – 1706 IF : 3.674 (Springer Publication)
31.	Peristaltic pumping of Nanofluids through a tapered channel in a porous environment: Applications in Blood flow	2019	Symmetry	11, 868 IF : 2.94 (MDPI Publication)
32.	Thermal analysis for heat transfer enhancement in electroosmosis modulated peristaltic transport of sutterby nanofluids in a microfluidic vessel	2019	Journal of thermal analysis and calorimetry	138 (2), 1311-1326 IF: 4.755 (Springer Publication)
33.	3D radiative-convective flow of ZnO-SAE50 nano-lubricant in presence of homogeneous and heterogeneous reactions	2019	Propulsion and Power Research	8 (4), 339 – 350 IF : 4.563 (Elsevier publication)
34.	Thermal slip and radiative heat transfer effects on electro-osmotic magneto-nanoliquid peristaltic propulsion through a microchannel	2019	Heat Transfer-Asian Research	48 (7), 2882-2908 IF : 0.8 (Wiley Publication)
35.	Non – linear blood flow analysis on MHD peristaltic motion of a Williamson fluid in a micro channel	2019	AIP Conference Proceedings	2112, 020048 (IOP Publication)

36.	Influences of shear stress on peristaltic transport of a non-Newtonian fluid in a micro asymmetric channel	2019	AIP Conference Proceedings	2112, 020053 (IOP Publication)
37.	Nanofluids flow driven by peristaltic pumping in occurrence of magnetohydrodynamics and thermal radiation	2019	Materials Science in Semiconductor Processing	100, 290-300 IF : 4.644 (Elsevier publication)
38.	Electroosmotic flow of Pseudoplastic nanofluid via peristaltic pumping	2019	Journal of the Brazilian Society of Mechanical Sciences and Engineering	41, 61 IF : 2.361 (Springer Publication)
39.	Computer modelling of peristalsis driven intrauterine fluid flow in presence of electromagnetohydrodynamics	2019	The European Physical Journal Plus	134, 81 IF : 3.758 (Springer Publication)
40.	A Method for Solving Fuzzy Partial Differential Equation by Fuzzy Separation Variable	2019	International Research Journal of Engineering and Technology	6 (1), 77 – 86
41.	Heat Transfer and Slip Effects on the MHD Peristaltic Flow of Viscous Fluid in A Tapered Microvessels: Application of Blood Flow Research	2019	International Journal of Engineering and Advanced Technology	9 (1), 5384 – 5390
42.	Peristaltic Pumping of Magnetic Nanofluids with Thermal Radiation and Temperature-Dependent Viscosity Effects: Modelling a solar Magneto-Biomimetic Nanopump	2019	Renewable Energy	133, 1308-1326 IF : 8.634 (Elsevier publication)
43.	Thermal radiation effects on electro-osmosis modulated peristaltic transport of nanofluids in biomicrofluidics channel	2018	Journal of molecular liquids	249, 843-855 IF : 6.633 (Elsevier publication)
44.	Effect of magnetic field on peristaltic flow of a fourth grade fluid in a tapered asymmetric channel	2018	Journal of King Saud University: Engineering Sciences	30 (1), 86-95 IF : 0.778 (Elsevier publication)
45.	Alterations in peristaltic pumping of Jeffery nanoliquids with electric and magnetic fields	2018	Meccanica	53 (15), 3719-3738 IF : 2.538 (Springer Publication)
46.	Influence of variable viscosity on peristaltic motion of a viscoelastic fluid in a tapered microfluidic vessel	2018	International Journal of Engineering & Technology	7 (4.10), 49-54 IF : 0.205

47.	MHD Peristaltic Transport of a Dusty Couple Stress Fluid Through a Symmetric Porous Channel	2018	International Journal of Engineering & Technology	7 (4.10), 306-309 IF : 0.205
48.	Effects of magnetic field on peristaltic transport of a carreau fluid in a tapered asymmetric channel	2018	Journal of physics: Conference Series	1000, 012166 (IOP Publication)
49.	Effect of peristaltic flow of a third grade fluid in a tapered asymmetric channel	2018	Journal of physics: Conference Series	1000, 012165 (IOP Publication)
50.	Electroosmotic flow of Williamson ionic nanoliquids in a tapered microfluidic channel in presence of thermal radiation and peristalsis	2018	Journal of molecular liquids	256, 352 – 371 IF : 6.633 (Elsevier publication)
51.	Numerical simulation of heat transfer in blood flow altered by electroosmosis through tapered micro-vessels	2018	Microvascular Research	118, 162 – 172 IF : 3.75 (Elsevier publication)
52.	Nonlinear peristaltic motion of a Jeffery nanofluid with shear stress and MHD effects	2017	Mechanika	23(3), 374 – 381 IF : 0.579 (KUT Publication)
53.	Effect of induced magnetic field on peristaltic flow of a fourth grade fluid through a tapered asymmetric channel	2017	International Journal of Pure and Applied Mathematics	113 (09), 1 – 7. IF : 0.5 (Academic Publication)
54.	Effects of slip and heat transfer on the Magnetohydrodynamics peristaltic flow of a Jeffery fluid through a vertical tapered asymmetric channel	2016	Global Journal of Pure and Applied Mathematics	12, 205-212 IF : 0.34 (Research India Publications)
55.	Analysis of Peristaltic Motion of a Nanofluid with Wall Shear Stress, Microrotation, and Thermal Radiation Effects	2016	Applied Bionics and Biomechanics	2016, Article ID: 4123741 IF : 1.664 (Hindawi Publication)
56.	Influence of MHD on peristaltic transport of a Johnson-Segalman fluid through a tapered asymmetric channel	2016	Global Journal of Pure and Applied Mathematics	12(3), 236-242 IF : 0.34 (Research India Publications)
57.	Convective boundary conditions effects on peristaltic flow of a MHD Jeffery nanofluid	2016	Applied Nanoscience,	6, 323-335 IF : 3.674 (Springer Publication)

58.	Numerical approximations of non-linear fractional differential difference equations by using Modified He-Laplace method	2016	Alexandria Engineering Journal	55(1), 645-651 IF: 6.626 (Elsevier publication)
59.	Nonlinear peristaltic motion of a Johnson–Segalman fluid in a tapered asymmetric channel	2016	Alexandria Engineering Journal	55(1), 645-651 IF: 6.626 (Elsevier publication)
60.	Influence of thermal radiation and magnetic field on peristaltic transport of a Newtonian nanofluid in a tapered asymmetric porous channel	2016	Journal of nanofluid	5 (3), 363-374 IF: 1.79 (American Scientific Publication)
61.	Influences of chemical reaction and convective boundary conditions on the peristaltic transport of MHD Jeffery nanofluids	2016	Journal of nanofluid	5 (6), 790-801 IF: 1.79 (American Scientific Publication)
62.	Analysis of heat and mass transfer on MHD peristaltic flow through a tapered asymmetric channel	2015	Journal of fluids	2015, Article ID 561263 (Hindawi Publication)
63.	Effects of thermal radiation parameter and magnetic field on the peristaltic motion of Williamson nanofluids in a tapered asymmetric channel	2015	International Journal of Heat and Mass Transfer	81, 234–245 IF: 5.584 (Elsevier publication)
64.	Effects of thermal radiation and chemical reactions on peristaltic flow of a Newtonian nanofluid under inclined magnetic field in a generalized vertical channel using Homotopy Perturbation Method	2015	Asia-Pacific Journal of Chemical Engineering	10, 259-272 IF: 1.447 (Wiley Publication)
65.	Effect of Radiation and Magnetic field on Peristaltic Transport of Nanofluids through a Porous Space in a Tapered asymmetric channel	2015	Journal of Magnetism and Magnetic Materials	378, 152-163 IF: 3.097 (Elsevier publication)
66.	The peristaltic transport of Carreau Nanofluids under effect of a magnetic field in a tapered asymmetric channel: Application of the cancer therapy	2015	Journal of Mechanics in Medicine and Biology	15, 1550030 IF: 0.897 (World Scientific Publication)

67.	Influence of heat source, thermal radiation and inclined magnetic field on peristaltic flow of a Hyperbolic tangent nanofluid in a tapered asymmetric channel	2015	IEEE Transactions NanoBioscience	14 (4), 385-392 IF: 3.206 (IEEE Publication)
68.	Effects of heat transfer, magnetic field and space porosity on peristaltic flow of a Newtonian fluid in a tapered channel	2015	Applied Mechanics and Materials	813-814, 679-684. IF: 0.2 (Scientific.net publications)
69.	Peristaltic transport of a MHD Carreau fluid in a tapered asymmetric channel with permeable walls	2015	International Journal of Biomathematics	08, 1550054 IF: 1.08 (World Scientific Publication)
70.	Predicted Service Life of Chloride Transport Equation Using Finite Difference Scheme	2011	International Journal of Mathematical Sciences and Applications	1, 451-462 (Mind Reader Publications)

Books / Book Chapters Published:

Sl. No	Title	CoAuthor	Publications	Year
1	Composite Nanofluids Flow Driven by Electroosmosis Through Squeezing Parallel Plates in Presence of Magnetic Fields	R Balaji, D. Tripathi, AK Tiwari, RK Sharma	Advancements in Nanotechnology for Energy and Environment, (Springer Publication)	2022
2	Thermal analysis of $\gamma\text{Al}_2\text{O}_3/\text{H}_2\text{O}$ and $\gamma\text{Al}_2\text{O}_3/\text{C}_2\text{H}_6\text{O}_2$ elastico-viscous nanofluid flow driven by peristaltic wave propagation with electroosmotic and magnetohydrodynamic effects: Applications in Nanotechnological Energy Systems	D Tripathi, OA Beg	Energy Systems and Nanotechnology , Advances in Sustainability Science and Technology, 201-247 (Springer Publication)	2021
3	A model for electro-osmotic flow of Pseudoplastic nanofluids in presence of peristaltic pumping: An application to Smart Pumping in energy system	MG. Reddy, D. Tripathi, AK. Tiwari	Nanotechnology for energy and environmental engineering, 185 – 213. (Springer Publication)	2020

Papers Presented in National / International Conferences:

Sl. No.	Topic	Conference	Organized By	Period
1.	Electro-Magneto-Hydrodynamic Casson Hybrid Nanofluid Flow Driven By an Exponentially Accelerated Plate	International Conference On New Trends In Differential Equations And Applied Mathematics (Icntdeam - 2021)	Sri Vidya Mandir Arts and Science College (Autonomous), Krishnagiri in collaboration with CHRIST (Deemed to be University), Bengaluru and Jyothi Engineering College, Thrissur	April 12-13, 2021.
2.	Electroosmotic flow of Hybrid Nanofluids in microchannel with long-wavelength vibrations	Proceedings of the 64th Congress of THE INDIAN SOCIETY OF THEORETICAL AND APPLIED MECHANICS (An International Conference)	Indian Institute of Technology, Bhubaneswar Bhubaneswar, India	9-12, December 2019
3.	Effects of Magnetic field on Peristalsis transport of a Carreau Fluid in a tapered asymmetric channel	National Conference on Mathematical Techniques and its Applications (NCMTA 18)	SRM Institute of Science and Technology, Kattankulathur, on 5-6 January 2018	5-6 January 2018
4.	Effect of peristaltic flow of a third grade fluid in a tapered asymmetric channel	National Conference on Mathematical Techniques and its Applications (NCMTA 18)	SRM Institute of Science and Technology, Kattankulathur	5-6 January 2018
5.	Peristaltic transport of a couples stress fluid in a tapered asymmetric channel: Application to embryo transport in uterine cavity or application to ureteral	International Conference on Recent Innovations in Science & Technology (RIST – 2017)	Transist online	25 th March 2017
6.	Analytic solution for Run-up flow of a MHD fluid between parallel porous plates	International Conference on Mathematics and its Applications (ICMAA 2014)	University College of Engineering, Anna University, Villupuram	15-17 December 2014

7.	Homotopy analysis transforms method for solving integral and system of Integro-Differential equations	International Conference on Mathematical Sciences (ICMS-2014)	Sathyabama University, Chennai	17- 19 July, 2014
8.	A new analytic algorithm for solving differential-difference equations	International conference on Mathematical Modeling and Applied Soft Computing (ICMMASC – 2012)	Coimbatore Institute of Technology, Coimbatore	11 – 13 July 2012
9.	Representation of Chloride Transport in Concrete with Permeability in Marine Environment Based on Finite Difference Scheme	National Conference on Recent Frontiers in Applied Dynamical System” (NCRFADS – 2011)	Karunya University, Coimbatore, India	21 – 22, January 2011
10.	Fuzzy Arithmetic Progression	International Conference on Mathematics and Computer Science (ICMCS – 2011).	Loyola College, Chennai, India	7 – 8, January 2011

Seminars/Webinars/Workshops/Conferences Organized:

Sl. No.	Seminars/Webinars/ Workshops/ Conferences	Organized By	Period	Convener/ Coordinator/ Member
1.	Short term course competitive exam training programme/ placement training	Department of Mathematics, Avvaiyar Government College for Women, Karaikal	5 th & 6 th march 2019	Organized committee member
2.	National E- Quiz on Numerical Methods	Department of Mathematics, Avvaiyar Government College for Women, Karaikal	21 - 25 May 2020	Coordinator
3.	National E - Quiz Competition On National Mathematics Day, 133 rd birth anniversary of Srinivasa Ramanujan on 22nd December 2020	Department of Mathematics, Avvaiyar Government College for Women, Karaikal	21 - 22 December 2020	Coordinator
4.	National level webinar on “Interesting facts about	Department of Mathematics,	23 December	Organized committee

	numbers and it's friend" on 133 rd Birth Anniversary of Srinivasa Ramanujan which is celebrated as the National Mathematics Day	Avvaiyar Government College for Woemn, Karaikal	2020	member
5.	National level webinar on " 134 rd Birth Anniversary of Srinivasa Ramanujan". We are glad to organize this webinar on "Symmetries and similarity reductions of certain partial differential equations".	Department of Mathematics, Avvaiyar Government College for Woemn, Karaikal	23 December 2021	Organized committee member
6.	International Seminar on Advances in Mathematics ISAM – 2022	Department of Mathematics, Avvaiyar Government College for Woemn, Karaikal	21-23 December 2022	Organized committee member

Seminars/Webinars/Workshops/Conferences/FDP Attended:

Sl. No.	Seminars/Webinars/ Workshops/ Conferences	Organized By	Period
1	National One Week Faculty Development Program(online) on Recent Trends in VLSI and Nano Electronics	Department of Electronics and Communication Engineering, Sree Vidyanikethan Engineering College (Autonomous), Tirupati, Andhra Pradesh, India.	4 th - 9 th July 2022,
2	GUJCOST(DST, Govt. of Gujarat) sponsored International Symposium on "Recent Advances in Fractional Calculus"	Department of Mathematical Sciences, P. D. Patel Institute of Applied Sciences (PDPIAS), Charotar University of Science and Technology (CHARUSAT), Changa (388 421), Gujarat, India	30 th September and 1 st October, 2021.
3	One week virtual International Lecture Workshop on "New Advances in Mathematical and Computational Sciences"	Department of Applied Mathematics, Yogi Vemana University Kadapa, AP	13-18, September, 2021
4	GUJCOST sponsored two – Days national workshop on "Application of Numerical Methods for Medical Science & Engineering"	Department of Science & Humanities, Swarmim Institute of Technology, Gandhinagar.	24-25, August 2021
5	One Day International Webinar on "Eco friendly energy technology and its future"	Avvaiyar Government College for Women, Karaikal, U.T Puducherry	2 July 2021
6	Two day webinar on "Development of Governing equations of Fluid flow"	KPRIET, Coimbatore	02-03, August, 2021

7	UGC Sponsored Faculty Development Programme on "ASPECTS OF MATHEMATICS "	PG & Research Department of Mathematics, DWARAKA DOSS GOVERDHAN DOSS VAISHNAV COLLEGE (Autonomous) Chennai - 600 106.	22nd - 28th March 2021.
8	AICTE sponsored 5-Day Online Faculty Development Program on ' <i>Examination Reforms</i> ' organized by	National Institute of Technology Mizoram from	15th February to 19th February 2021
9	Two day National level online Workshop on Insightful Rudiments of Originating Google Forms & Generating Certificates – A Horde of Approaches Adaptable for Online Academic motives	Department of Humanities & Science, Balaji Institute of Technology & Science, Narsampet, Warangal Rural, Telangana, India	25 & 26 September 2020
10	"Five Days International e-Seminar on Recent Research in Mathematics (ISRRM-2020)"	Department of Mathematics, School of Science, GITAM, Bengaluru	11 – 15 September, 2020
11	Online Faculty Development Programme on "MATLAB"	Dr.Y.C. JAMES YEN GOVERNMENT POLYTECHNIC, Kuppam, Chittoor Dist., A.P	16 – 18 August 2020
12	One week webinar on "Online Educational Resources for Effective Remote Teaching"	Pondicherry University, Puducherry	10 – 14 August 2020
13	One week online International Faculty Development Program on "Recent Advances in Mathematics & Statistics"	Birth Centenary of Prof. C. R. Rao, jointly organized by GITAM (Deemed to be University) Visakhapatnam, Andhra Pradesh, India	3 – 8 August 2020
14	Workshop on "Fundamentals of CFD"	Vikrant group of institution	30 th July 2020.
15	Online short term training programme (STTP) on "MATLAB and MATHEMATICA for Scientific Research"	Arul Anandar College (Autonomous) Karumathur 625514, Madurai,	27–29 July 2020
16	International Webinar on "Mathematics is the Brain of Engineering & Technology"	Vignana Bharathi Institute of Technology (Autonomous), Hyderabad, Telangana	26 th July 2020.

17	National Level One Week Confederated Online Faculty Development Program on "Orienting Applications & Conceptualized Aspects of Sciences & Humanities"	Dept. of Humanities & Sciences Balaji Institute of Technology & Science, Narsampet, Warangal Rural, Telangana, India	21 – 25 July 2020.
18	One week Online Short Term Training Program (STTP) on "Fundamentals of Computational Fluid Dynamics and Numerical Simulation of Fluid Flows and Heat Transfer"	Government College of Technology, Coimbatore, Tamilnadu and National Institute of Technology, Arunachal Pradesh.	6 – 10 July 2020
19	National webinar on "Numerical and Scientific computing"	Manipal University Jaipur	1 st July 2020
20	Two days International webinar on "APPLICATIONS OF FLUID MECHANICS IN PHYSIOLOGICAL FLOW MODELS"	DIT University, Dehradun, Uttarakhand, India	29 – 30 June 2020
21	Four days "National Webinar on Fluid Mechanics and its Applications in Engineering Science"	PES Institute of Technology and Management, Shivamogga, Karnataka	24 – 27 June 2020.
22	National webinar on "Fluid Dynamics"	Manipal University Jaipur	23 rd June 2020
23	Three day online short term training programme on "LATEX for Everyone"	Ramro Adik Institute of Technology, Nerul, Navi Mumbai	18 – 20 June 2020
24	National Level One Week Online Short Time Training Program on "MATLAB for ALL"	SIR M VISVESVARAYA INSTITUTE OF TECHNOLOGY, Bangalore-562157	04 – 8 June 2020
25	Webinar on "Writing Research Papers and Submissions by Prof. Lance Fung"	IEEE Malaysia Section Consultants Network Affinity Group and IEEE Young Professionals Malaysia	03 rd June 2020
26	Online one week Faculty Development Programme on "Mathematical and Statistical Modelling"	Godavari Institute of Engineering and Technology (Autonomous)	26 – 30 May 2020.
27	Online Webinar "International Webinar on COVID-19 Impact on Society"	Dr. M. K. Umathe College, Nagpur, Dharampeth M.P. Deo Memorial Science College Nagpur & Bar. Sheshrao Wankhede Arts and Commerce College, Khaperkheda	23 th May 2020.

28	Online Short Term Training Program (5 days) on “MATLAB based Teaching-Learning in Mathematics, Science & Engineering”	Ramrao Adik Institute of Technology, Nerul, Navi Mumbai in collaboration with Design Tech Systems Pvt. Ltd., Mumbai	18 – 22 May 2020.
29	FDP program on “Recent Technology – 2020”	SRM Institute of Science and Technology, Chennai	15 – 17 May 2020.
30	Season 5 FDP of Skycampus on the theme “The Future of Skills – Education”	ICT Academy, Chennai	11 – 15 May 2020
31	Webinar on “MECH 4.0 Technical Webinar Series”	Sathyabama Institute Science & Technology, Chennai	7 – 8 May 2020.
32	Faculty Development Programme on “LaTeX and Scilab”	D.K.M. College for Women, Vellore, Tamil Nadu in association with Spoken Tutorial Project, IIT Bombay, MHRD, Govt. of India	30 th April 2020 to 04 th May 2020
33	Workshop on “Scope for R&D Projects and Proposal Preparation	Anna University Chennai	12 th May 2017
34	Participated in the Bridge Course on Mathematics	Anna University Chennai	26 – 27 June 2015
35	National Workshop on “Analytic & Numerical Solution of Non – linear Differential Equations”	Department of Mathematics, Amrita School of Engineering, Bengaluru	18 – 19 March, 2011
36	A Short Term Course on Optimization Theory & Practice	Stella Maris College, Chennai	15, 17 27&28 December 2007

Other Relevant Information:

1. Worked as an Assistant Chief Superintendent – Pondicherry University Exam in Nov/Dec 2019.
2. Acted as a Question paper setter for B.Tech, Mathematics subject in TNJFU
3. Acted as a PhD Thesis evaluation – Thiruvalluvar University
4. Acted as a Question paper setter for UG & PG degree examination, EGS Pillay arts & Science College.
5. Acted as a Math Club Coordinator (2019 - till now)
6. Act as a Chaired Technical session – National conference, 19-20 December 2021, NIT Uttarakhand
7. Act as a Chaired Technical session – International Conference on Mathematics and its

Applications in Technology 2023 (ICMAT 2023), Srinivasa Ramanujan Centre, SASTRA Deemed to be University, Kumbakonam- 612 001

8. Worked as Presiding Officer during the General Elections to the Puducherry Legislative Assembly – 2021.
9. Acted as Resource person – Idhaya College for Women, (06/08/2021)
10. Acted as an Invited talk – Saiva Bhanu Kshatriya College (23/12/2021)

Membership in Research Bodies

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Google Scholar: <https://scholar.google.co.in/citations?user=R8nKdrQAAAAJ&hl=en>

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Membership in Professional Bodies

International Association of Engineers (IAENG)

Computer Proficiency

Computer cum Internet Literacy Programme, NIIT, Trichy.

MATLAB, MATHEMATICA & MAPLE