



# Malnad College of Engineering, Hassan

(An Autonomous Institute, Affiliated to V.T.U, Belagavi)

## Faculty Biodata

### GENERAL INFORMATION AND ACADEMIC BACKGROUND

#### PART-A

1.	Name (in Block Letters)	Dr. SHASHIKUMAR N S
2.	Qualification	M.Sc., Ph.D.
3.	Date of joining the service at MCE	21/08/2021
4.	Department	Mathematics
5.	Current Designation & Experience in MCE	Assistant Professor & 4.4 years
6.	Teaching Experience: P.G. (in Years) : U.G. (in Years) :	00 5.6 years
Research Experience (in Years)		
7.	a) Total Number of years b) Years spent in M. Phil. / Ph.D. c) Years of Guiding Ph.D. / M. Phil. d) Total No. of papers Published in i. International Journals ii. National Journals iii. Conference Proceedings e) Total No. of Conferences/Seminar/Workshop Attended i. International ii. National iii. State Level	09 03 02 35 35 00 00 18 06 10 02
8.	Awards /Prizes/ Honor's / Recognitions	Recognized has Reviewer for 22 International Reputed Journals (Mentioned Only-SCI/Scopus/Q Journal)
9.	Fields of Specialization under the Subject / Discipline	Fluid Mechanics
10.	Orientation/Refresher Course/Summer School / Winter School/Workshops attended:	07

## **PART-B**

### **1. List of Publications:**

<b>Sl. No.</b>	<b>Title</b>	<b>Name of the Journal, Vol. No., Year</b>	<b>ISSN/ISBN/Number</b>
<b>1.</b>	"Irreversibility analysis of the MHD Williamson fluid flow through a microchannel with thermal radiation." Impact Factor- 4.051 (SCI/ Scopus/Q2)	Waves in Random and Complex Media, 2022	17455049, 17455030
<b>2.</b>	"Second law analysis of MHD Carreau fluid flow through a microchannel with thermal radiation." Impact Factor- 4.853 (SCI/ Scopus/Q2)	Waves in Random and Complex Media, 2022	17455049, 17455030
<b>3.</b>	"Entropy Generation Analysis of MHD Micropolar Nanofluid Flow through a Micro Channel." (Scopus/Q4)	Discontinuity, Nonlinearity, and Complexity, 11(04), 2022	21646376, 21646414
<b>4.</b>	"Entropy generation analysis of radiative Williamson fluid flow in an inclined microchannel with multiple slip and convective heating boundary effects." Impact Factor- 2.4 (SCI/ Scopus/Q3)	Proceedings of the Institution of Mechanical Engineers, Part E: Journal of Process Mechanical Engineering, 2021	20413009, 09544089
<b>5.</b>	"Thermal analysis of MHD Williamson fluid flow through a microchannel." Impact Factor- 7 (SCI/ Scopus/Q1)	International Communications in Heat and Mass Transfer, 127, 2021	07351933
<b>6.</b>	"Heat transfer enhancement due to nanoparticles, magnetic field, thermal and exponential space-dependent heat source aspects in nanoliquid flow past a stretchable spinning disk." Impact Factor- 4.4 (SCI/ Scopus/Q1)	Journal of Thermal Analysis and Calorimetry, 145(6), 2021	15882926, 13886150
<b>7.</b>	"Three dimensional boundary layer flow of MHD Maxwell nanofluid over a non-linearly stretching sheet with nonlinear thermal radiation." (Scopus/Q4)	Journal of Applied Nonlinear Dynamics, 10(02), 2021	21646457, 21646473
<b>8.</b>	"Heat transfer optimization of hybrid nanomaterial using modified Buongiorno model: a sensitivity analysis." Impact Factor- 5.2 (SCI/ Scopus/Q1)	International Journal of Heat and Mass Transfer, 171, 2021	00179310
<b>9.</b>	"Thermal analysis of MHD Powell–Eyring fluid flow through a vertical microchannel." International (Scopus/Q2)	Journal of Ambient Energy, 43(1), 2021	21628246, 01430750
<b>10.</b>	"Second law analysis of MHD third-grade fluid flow through the microchannel." Impact Factor- 2.8 (SCI/ Scopus/Q2)	Pramana- Journal of Physics, 95(1), 2021	03044289, 09737111
<b>11.</b>	"Thermal and entropy generation of non-Newtonian magneto-Carreau fluid flow in microchannel." Impact Factor- 4.4 (SCI/ Scopus/Q1)	Journal of Thermal Analysis and Calorimetry, 143(3), 2021	15882926, 13886150

12.	"Second Law Analysis of MHD Micropolar Fluid Flow through a Porous Microchannel with Multiple Slip and Convective Boundary Conditions." (Scopus/Q4)	Defect and Diffusion Forum, 409, 2021	10120386, 16629507
13.	"Performance of second law in Carreau fluid flow by an inclined microchannel with radiative heated convective condition." Impact Factor- 7 (SCI/ Scopus/Q1)	International Communications in Heat and Mass Transfer, 117, 2020	07351933
14.	"Impact of nonlinear thermal radiation on magnetohydrodynamic three dimensional boundary layer flow of Jeffrey nanofluid over a nonlinearly permeable stretching sheet." Impact Factor- 3.3 (SCI/ Scopus/Q2)	Physica A: Statistical Mechanics and its Applications, 549, 2020	03784371
15.	"Finite element analysis of micropolar nanofluid flow through an inclined microchannel with thermal radiation." Impact Factor- 2 (SCI/ Scopus/Q3)	Multidiscipline Modeling in Materials and Structures, 16(6), 2020	15736105, 15736113
16.	"Magnetohydrodynamic flow of dusty fluid over Riga plate with deforming isothermal surfaces with convective boundary condition." (Scopus/Q3)	Songklanakarin Journal of Science and Technology, 42(3), 2020	01253395
17.	"Entropy generation and heat transport analysis of Casson fluid flow with viscous and Joule heating in an inclined porous microchannel." Impact Factor- 2.4 (SCI/ Scopus/Q3)	Proceedings of the Institution of Mechanical Engineers, Part E: Journal of Process Mechanical Engineering, 233(5), 2019	20413009, 09544089
18.	"Effectiveness of Hall current and exponential heat source on unsteady heat transport of dusty TiO <sub>2</sub> -EO nanoliquid with nonlinear radiative heat." Impact Factor- 4.9 (SCI/ Scopus/Q1)	Journal of Computational Design and Engineering, 6(4), 2019	22885048, 22884300
19.	"Heat transfer and entropy generation analysis of non-Newtonian flu flow through vertical microchannel with convective boundary condition." Impact Factor- 4.4 (SCI/ Scopus/Q1)	Applied Mathematics and Mechanics, 40, 2019	02534827, 15732754
20.	"Second law analysis of Powell–Eyring fluid flow through an inclined microchannel with thermal radiation." Impact Factor- 2.9 (SCI/ Scopus/Q2)	Physica Scripta, 94(12), 2019	00318949
21.	"MHD flow of SWCNT and MWCNT nanoliquids past a rotating stretchable disk with thermal and exponential space dependent heat source." Impact Factor- 2.9 (SCI/ Scopus/Q2)	Physica Scripta, 94(8), 2019	00318949
22.	"Brinkman-Forchheimer slip flow subject to exponential space and thermal-dependent heat source in a microchannel utilizing SWCNT and MWCNT nanoliquids." (Scopus)	Heat Transfer—Asian Research, 48(5), 2019	15231496, 10992871
23.	"Thermodynamics analysis of a Casson nanofluid flow through a porous microchannel in the presence of hydrodynamic slip: a model of solar radiation." (Scopus/ Q3)	Journal of Nanofluids 8(1), 2019	2169432X
24.	"Entropy generation analysis of magneto-nanoliquids embedded with aluminium and titanium alloy nanoparticles in microchannel with partial slips and convective conditions." Impact Factor- 4.2 (SCI/ Scopus/Q1)	International Journal of Numerical Methods for Heat & Fluid Flow, 29(10), 2019	09615539

25.	"Three-dimensional boundary layer flow and heat transfer of a dusty fluid towards a stretching sheet with convective boundary conditions." (Scopus/ Q3)	Journal of Computational & Applied Research in Mechanical Engineering, 8(1), 2018	22516549, 22287922
26.	"Brinkman-Forchheimer flow of SWCNT and MWCNT magneto-nanoliquids in a microchannel with multiple slips and Joule heating aspects." Impact Factor- 2 (SCI/ Scopus/Q3)	Multidiscipline Modeling in Materials and Structures, 14(4) 2018	15736105, 15736113
27.	"Marangoni convection in Casson liquid flow due to an infinite disk with exponential space dependent heat source and cross-diffusion effects." Impact Factor- 5.3 (SCI/ Scopus/Q2)	Results in Physics, 9, 2018	22113797
28.	"Thermodynamics analysis of MHD Casson fluid slip flow in a porous microchannel with thermal radiation."	Diffusion foundations, 16, 2018	22963650, 22963642
29.	"MHD nanofluid flow past a rotating disk with thermal radiation in the presence of aluminum and titanium alloy nanoparticles." (Scopus/Q4)	Defect and Diffusion Forum, 384, 2018	10120386, 16629507
30.	"Marangoni convection radiative flow of dusty nanoliquid with exponential space dependent heat source." Impact Factor- 2.7 (SCI/ Scopus/Q2)	Nuclear Engineering and Technology, 49(8), 2017	2234358X, 17385733
31.	"Marangoni convective MHD flow of SWCNT and MWCNT nanoliquids due to a disk with solar radiation and irregular heat source." Impact Factor- 3.3 (SCI/ Scopus/Q2)	Physica E: Low-dimensional Systems and Nanostructures, 94, 2017	13869477
32.	"Boundary layer flow and heat transfer of fluid particle suspension with nanoparticles over a nonlinear stretching sheet embedded in a porous medium." (Scopus/Q2)	Nonlinear Engineering, 6(3), 2017	21928029, 21928010
33.	"Boundary Layer Flow and Heat Transfer of Nanofluid with Fluid Particle Suspension Over a Nonlinear Stretching Sheet in the Presence of Thermal Radiation." (Scopus/ Q3)	Journal of Nanofluids, 6(3), 2017	2169432X
34.	"Boundary layer flow of dusty fluid over a radiating stretching surface embedded in a thermally stratified porous medium in the presence of uniform heat source." (Scopus/Q2)	Nonlinear Engineering, 6(1),2017	21928029, 21928010
35.	"Effects of nonlinear thermal radiation and second order slip on Casson nanofluid flow between parallel plates." (Scopus/Q4)	Defect and Diffusion Forum, 377, 2017	10120386, 16629507

- 2. Responsibilities in the Department and Institute / University:** (DAC,DPC, BOS, BOE etc., Institutional Governance responsibilities like, Dean, Chief warden, Warden, HOD's, School/Centre Chairperson, IQAC Coordinator etc.)

Sl. No	Responsibilities
Department Level	
1.	Course Coordinator, Research Coordinator, Website Coordinator, BOS Member, BOE Member, Timetable Coordinator, CIE Coordinator, Supplementary CIE Coordinator, NEP Coordinator, UGC Autonomous Coordinator, Self-Audit Coordinator.
Institution Level	
2.	Faculty Coordinator for Dean (Academic Affair)
3.	Inter-Disciplinary Student Project Committee member

4.	Institutional Research Advisory Committee member
5.	NAAC Criterion 4 Coordinator, Faculty Advisor, Stack verification work, Anti ranging member.

### 3. Details of Teaching Related Activities

Sl. No.	Academic Year	(B. E/M.Tech)	Course Title
1	2019-2020	B.E	1. ENGINEERING MATHEMATICS I 2. ENGINEERING MATHEMATICS II 3. ENGINEERING MATHEMATICS II 4. ENGINEERING MATHEMATICS IV 5. BRIDGE COURSE MATHEMATICS-II
2	2020-2021	B.E	1. CALCULUS AND NUMERICAL METHODS 2. LINEAR ALGEBRA AND INTEGRAL TRANSFORMS 3. DIFFERENTIAL EQUATION AND VECTOR CALCULUS 4. STATISTICS AND COMPLEX ANALYSIS 5. BRIDGE COURSE MATHEMATICS-II
3	2021-2022	B.E	1. CALCULUS AND NUMERICAL METHODS 2. LINEAR ALGEBRA AND INTEGRAL TRANSFORMS 3. DIFFERENTIAL EQUATION AND VECTOR CALCULUS 4. STATISTICS AND COMPLEX ANALYSIS 5. BRIDGE COURSE MATHEMATICS-II
4	2022-2023	B.E	1. MATHEMATICS FOR COMPUTER SCIENCE ENGG. STREAM - I 2. MATHEMATICS FOR ELECTRICAL AND ELECTRONICS ENGG. STREAM – I 3. MATHEMATICS COMPUTER SCIENCE ENGG. STREAM – II 4. STATISTICS AND PROBABILITY
5	2023-2024	B.E	1. MATHEMATICS FOR ELECTRICAL AND ELECTRONICS ENGG. STREAM – I

Professional Development Activities		
	Participation in subject associations, conferences, seminars without paper presentation	15
	Participation in short term training courses less than one week duration in educational technology, curriculum development, professional development, Examination reforms, Institutional governance	02

## **PART-C**

### **RESEARCH, PUBLICATIONS AND ACADEMIC CONTRIBUTIONS**

#### **1. Published Papers in Journals**

<b>Sl. No.</b>	<b>Title</b>	<b>Journal with Vol. Year &amp; Page No.</b>	<b>ISSN / ISBN No.</b>	<b>Whether peer reviewed. Impact factor, if any</b>	<b>No. of Co-authors</b>	<b>Whether you are the main author or Guide / mentor</b>
1	"Irreversibility analysis of the MHD Williamson fluid flow through a microchannel with thermal radiation."	Waves in Random and Complex Media, 2022 & 1-23	17455049, 17455030	Impact Factor- 4.051 (SCI/Scopus/Q2)	4	Corresponding author /second author /mentor
2	"Second law analysis of MHD Carreau fluid flow through a microchannel with thermal radiation."	Waves in Random and Complex Media, 2022 & 1-25	17455049, 17455030	Impact Factor- 4.853 (SCI/Scopus/Q2)	3	First author /mentor
3	"Entropy Generation Analysis of MHD Micropolar Nanofluid Flow through a Micro Channel."	Discontinuity, Nonlinearity, and Complexity, 11(04), 2022 & 569-582	21646376, 21646414	(Scopus/Q4)	3	Corresponding author/ second author/ mentor
4	"Entropy generation analysis of radiative Williamson fluid flow in an inclined microchannel with multiple slip and convective heating boundary effects."	Proceedings of the Institution of Mechanical Engineers, Part E: Journal of Process Mechanical Engineering, 2021 & 09544089211049863	20413009, 09544089	Impact Factor- 2.4 (SCI/Scopus/Q3)	5	First author /mentor
5	"Thermal analysis of MHD Williamson fluid flow through a microchannel."	International Communications in Heat and Mass	07351933	Impact Factor- 7	4	First author /mentor

		Transfer, 127, 2021 & 105582		(SCI/ Scopus/Q1)		
6	"Heat transfer enhancement due to nanoparticles, magnetic field, thermal and exponential space-dependent heat source aspects in nanoliquid flow past a stretchable spinning disk."	Journal of Thermal Analysis and Calorimetry, 145(6), 2021 & 3339-3347	15882926, 13886150	Impact Factor- 4.4 (SCI/Scopus/Q1)	2	Second author/mentor
7	"Three dimensional boundary layer flow of MHD Maxwell nanofluid over a non-linearly stretching sheet with nonlinear thermal radiation."	Journal of Applied Nonlinear Dynamics, 10(02), 2021 & 263-277	21646457, 21646473	(Scopus/Q4)	3	Mentor
8	"Heat transfer optimization of hybrid nanomaterial using modified Buongiorno model: a sensitivity analysis."	International Journal of Heat and Mass Transfer, 171, 2021 & 121081	00179310	Impact Factor- 5.2 (SCI/Scopus/Q1)	3	Mentor
9	"Thermal analysis of MHD Powell–Eyring fluid flow through a vertical microchannel."	International Journal of Ambient Energy, 43(1), 2021 & 1-9	21628246, 01430750	(Scopus/Q2)	3	Corresponding author /second author /mentor
10	"Second law analysis of MHD third-grade fluid flow through the microchannel."	Pramana- Journal of Physics, 95(1), 2021 & 1-10	03044289, 09737111	Impact Factor- 2.8 (SCI/Scopus/Q2)	3	Corresponding author /second author /mentor
11	"Thermal and entropy generation of non-Newtonian magneto-Carreau fluid flow in microchannel."	Journal of Thermal Analysis and Calorimetry, 143(3), 2021 & 2717-2727	15882926, 13886150	Impact Factor- 4.4 (SCI/Scopus/Q1)	4	Mentor
12	"Second Law Analysis of MHD Micropolar Fluid Flow through a Porous Microchannel with Multiple Slip and Convective Boundary Conditions."	Defect and Diffusion Forum, 409, 2021 & 123-141	10120386, 16629507	(Scopus/Q4)	3	Corresponding author /second author /mentor
13	"Performance of second law in Carreau fluid flow by an inclined microchannel with radiative heated convective condition."	International Communications in Heat and Mass Transfer, 117, 2020 & 104761	07351933	Impact Factor- 7 (SCI/Scopus/Q1)	5	Corresponding author /mentor

14	"Impact of nonlinear thermal radiation on magnetohydrodynamic three dimensional boundary layer flow of Jeffrey nanofluid over a nonlinearly permeable stretching sheet."	Physica A: Statistical Mechanics and its Applications, 549, 2020 & 124051	03784371		4	Mentor
15	"Finite element analysis of micropolar nanofluid flow through an inclined microchannel with thermal radiation." Impact Factor- 2 (SCI/ Scopus/Q3)	Multidiscipline Modeling in Materials and Structures, 16(6), 2020 & 1521-1538	15736105, 15736113	Impact Factor- 3.3 (SCI/ Scopus/Q2)	3	First author /mentor
16	"Magnetohydrodynamic flow of dusty fluid over Riga plate with deforming isothermal surfaces with convective boundary condition."	Songklanakarin Journal of Science and Technology, 42(3), 2020 & 487-495	01253395	(Scopus/Q3 )	2	Second author/ mentor
17	"Entropy generation and heat transport analysis of Casson fluid flow with viscous and Joule heating in an inclined porous microchannel."	Proceedings of the Institution of Mechanical Engineers, Part E: Journal of Process Mechanical Engineering, 233(5), 2019 & 1173-1184	20413009, 09544089	Impact Factor- 2.4 (SCI/ Scopus/Q3)	5	Mentor
18	"Effectiveness of Hall current and exponential heat source on unsteady heat transport of dusty TiO <sub>2</sub> -EO nanoliquid with nonlinear radiative heat."	Journal of Computational Design and Engineering, 6(4), 2019 & 551-561	22885048, 22884300	Impact Factor- 4.9 (SCI/ Scopus/Q1)	3	Second author/ mentor
19	"Heat transfer and entropy generation analysis of non-Newtonian flu flow through vertical microchannel with convective boundary condition."	Applied Mathematics and Mechanics, 40, 2019 & 1285-1300	02534827, 15732754	Impact Factor- 4.4 (SCI/ Scopus/Q1)	4	Second author/ mentor
20	"Second law analysis of Powell–Eyring fluid flow through an inclined microchannel with thermal radiation."	Physica Scripta, 94(12), 2019 & 125205	00318949	Impact Factor- 2.9 (SCI/ Scopus/Q2)	3	Second author/ mentor
21	"MHD flow of SWCNT and MWCNT nanoliquids past a rotating stretchable disk with thermal and exponential space dependent heat source."	Physica Scripta, 94(8), 2019 & 085214	00318949	Impact Factor- 2.9 (SCI/ Scopus/Q2)	4	Mentor



22	"Brinkman-Forchheimer slip flow subject to exponential space and thermal-dependent heat source in a microchannel utilizing SWCNT and MWCNT nanoliquids."	Heat Transfer—Asian Research, 48(5), 2019 & 1688-1708	15231496, 10992871	(Scopus)	4	Mentor
23	"Thermodynamics analysis of a Casson nanofluid flow through a porous microchannel in the presence of hydrodynamic slip: a model of solar radiation."	Journal of Nanofluids 8(1), 2019 & 63-72	2169432X	(Scopus/ Q3)	3	First author
24	"Entropy generation analysis of magneto-nanoliquids embedded with aluminium and titanium alloy nanoparticles in microchannel with partial slips and convective conditions."	International Journal of Numerical Methods for Heat & Fluid Flow, 29(10), 2019 & 3638-3658	09615539	Impact Factor- 4.2 (SCI/ Scopus/Q1)	4	First author
25	"Three-dimensional boundary layer flow and heat transfer of a dusty fluid towards a stretching sheet with convective boundary conditions."	Journal of Computational & Applied Research in Mechanical Engineering, 8(1), 2018 & 25-38	22516549, 22287922	(Scopus/ Q3)	2	Second author
26	"Brinkman-Forchheimer flow of SWCNT and MWCNT magneto-nanoliquids in a microchannel with multiple slips and Joule heating aspects."	Multidiscipline Modeling in Materials and Structures, 14(4) 2018 & 769-786	15736105, 15736113	Impact Factor- 2 (SCI/ Scopus/Q3)	3	First author
27	"Marangoni convection in Casson liquid flow due to an infinite disk with exponential space dependent heat source and cross-diffusion effects."	Results in Physics, 9, 2018 & 78-85	22113797	Impact Factor- 5.3 (SCI/ Scopus/Q2)	4	Co author
28	"Thermodynamics analysis of MHD Casson fluid slip flow in a porous microchannel with thermal radiation."	Diffusion foundations, 16, 2018 & 120-139	22963650, 22963642	---	3	First author
29	"MHD nanofluid flow past a rotating disk with thermal radiation in the presence of aluminum and titanium alloy nanoparticles."	Defect and Diffusion Forum, 384, 2018 & 69-79	10120386, 16629507	(Scopus/Q4 )	5	Co author
30	"Marangoni convection radiative flow of dusty nanoliquid with exponential space dependent heat source."	Nuclear Engineering and Technology, 49(8), 2017 & 1660-1668	2234358X, 17385733	Impact Factor- 2.7 (SCI/ Scopus/Q2)	3	Co author

31	"Marangoni convective MHD flow of SWCNT and MWCNT nanoliquids due to a disk with solar radiation and irregular heat source."	Physica E: Low-dimensional Systems and Nanostructures, 94, 2017 & 25-30	13869477	Impact Factor- 3.3 (SCI/Scopus/Q2)	3	Co author
32	"Boundary layer flow and heat transfer of fluid particle suspension with nanoparticles over a nonlinear stretching sheet embedded in a porous medium."	Nonlinear Engineering, 6(3), 2017 & 179-190	21928029, 21928010	(Scopus/Q2)	2	Co author
33	"Boundary Layer Flow and Heat Transfer of Nanofluid with Fluid Particle Suspension Over a Nonlinear Stretching Sheet in the Presence of Thermal Radiation."	Journal of Nanofluids, 6(3), 2017 & 487-495	2169432X	(Scopus/Q3)	1	Corresponding author/ second author
34	"Boundary layer flow of dusty fluid over a radiating stretching surface embedded in a thermally stratified porous medium in the presence of uniform heat source."	Nonlinear Engineering, 6(1), 2017 & 31-41	21928029, 21928010	(Scopus/Q2)	3	Co author
35	"Effects of nonlinear thermal radiation and second order slip on Casson nanofluid flow between parallel plates."	Defect and Diffusion Forum, 377, 2017 & 84-94	10120386, 16629507	(Scopus/Q4)	4	First author

## 2. Training Courses, Teaching-Learning-Evaluation Technology Programs, Faculty development Programmes attended

Sl. No.	Name of Course/Summer/Winter School	Duration	Organized By
1.	Recent Advances in Applied Mathematics	04th to 08th September 2023	Department of Mathematics, Sri Manakula Vinayagar Engineering College, Madagadipet, Puducherry
2.	Advanced and Technical Computing with Matlab	25th to 29th July 2023	Department of Mathematics, School of Engineering, Presidency University Bengaluru
3.	Outcome Based Education	19th-23rd September-2022	Department of Civil, Mechanical and Electrical & Electronic Engineering Malnad College of Engineering, Hassan
4.	Creating Smart and Green Society through Advance Technology of Green Energy-Phase 1	17th-22nd December-2020	Malnad College of Engineering, Hassan
5.	Creating Smart and Green Society through Advance Technology of Green Energy- Phase 2	10th-15th December-2020	Malnad College of Engineering, Hassan

6.	Research and Innovation	17th-21st Augaust-2020	Department of Information Science and Engineering, Vidyavardhaka College of Enigineering, Mysore.
7.	Vedic mathematics	13th-14th Augaust-2020	Department of Mechanical Engineering, Bahubali College of Engineering, Shravanabelagola, Hassan.
8.	FEEL Teacher-Devopling, Counselling, Mentoring' Learning and Development Intervention	02 November 2019	Malnad College of Engineering, Hassan
9.	Computational Fluid Dynamics	21st and 22nd October 2016	Department of P.G Studies and Research in Mathematics, Kuvempu University, Shankaraghatta.

### 3. Papers presented in Conferences, Seminars, Workshops, Symposia

Sl. No.	Title	Title of Conference/Seminar etc.	Dates of the Event	Organized by	Whether International/National/State/Regional/University/College Level
1	Thermal Analysis of Eyring-Powell fluid flow through a microchannel under the effect of magnetic field	Recent Development of Mathematics in Industrial applications	11th-12th April-2019	Department of Mathematics, Kuvempu University, Jnana Sahyadri, Shankaraghatta	National
2	Entropy Genration Analysis of Micro Polar Fluid Flow In a Microchannel	Recent Trends & Applications in Mathematics	26th March-2019	Department of Mathematics, Government Science College, Chitradurga.	National
3	Entropy generation and heat transfer analysis of MHD third grade fluid flow through a Porous microchannel	Emerging Trends in Computaional Fluid Dynamics	27th-28th February-2019	Department of Mathematics, Christ (Deemed to be University), Bangalore.	International
4	Brinkman-Forchheimer flow of SWCNT and MWCNT magneto-nanoliquids in a microchannel with multiple slips and Joule heating aspects	Application of Mathematics	16th February-2019	Department of Mathematics, Sahyadri Science College, Shivamogga.	State
5	Entropy Generation Analysis of MHD Casson Fluid Flow Through a Porous Microchannel in the presence	Computational Fluid Flow and Heat Transfer	28th-29th March-2018	Department of Mathematics, Osmania	International

	of Hydrodynamic Slip: A Model of Solar Radiation			University, Hyderabad.	
6	Thermodynamics Analysis of MHD Casson fluid Slip flow in a Porous Microchannel with Thermal Radiation	Recent Advances in Physical Sciences and future Challenges	14-16th July-2017	Department of Mathematics, Osmania University, Hyderabad.	International
7	Boundary layer flow of dusty fluid over a permeable radiating stretching surface embedded in a thermally stratified porous medium in the presence of uniform heat source	Mathematical Modelling	23rd-24th December 2016	Department of Mathematics, DON BOSCO Institute of Technology, Bengaluru.	International
8	Melting Heat Transfer on MHD Stagnation Point Flow of Micropolar Fluid towards a Stretching Sheet with Thermal Radiation in the Presence of Nanoparticle	An Insight into Analysis and Applications of Mathematics	24th August 2016	Department of Mathematics, National College, Jayanagar, Bangalore.	National
9	Melting Heat Transfer on MHD Stagnation Point Flow of Micropolar Fluid towards a Stretching Sheet with Thermal Radiation in the Presence of Nanoparticle	Geometry, Topology & their Applications	3rd-4th August-2016	Department of Mathematics, Karnatak University, Dharwad.	National
10	Boundary layer flow of dusty fluid over a stretching sheet in the presence of nonlinear thermal radiation	Partial Differential Equations and Numerical Methods in Fluid Dynamics	4th-5th March-2016	Department of Mathematics, Govt. First Grade College, Koppa.	National
11	Boundary Layer flow of Nanofluid with Fluid Particle Suspension over a Nonlinear Stretching Sheet	Differential Geometry, Analysis and Fluid Mechanics	4th-5th February-2016	Department of P.G Studies and Research in Mathematics, Kuvempu University, Shankaraghatta	International