

## STAFF PROFILE

- 1) **Name** : Dr. B.GANGA
- 2) **Department** : Mathematics
- 3) **Designation** : **Associate Professor**
- 4) **Address**  
For correspondence : 90-B/1, Boran Alwarpet  
Coonoor  
The Nilgiris - 643 101.
- Permanent : 90 B/1, Boran Alwarpet  
Coonoor  
The Nilgiris - 643 101.
- 5) **Phone No.**  
Office : 0423-2234084  
Mobile : 9486078612
- 6) **E-mail** : gangabhose@gmail.com

### 7) Academic Qualifications:

Qualification	Programme	University	Year
Ph.D.	Mathematics	Bharathiar	30 <sup>th</sup> April 2010
M. Phil.	Mathematics	Bharathiar	April 2004
PG	Mathematics	Bharathiar	April 2002
UG	Mathematics	Bharathiar	April 2000

### 8) Additional Qualifications:

Diploma/Vocational/ Certification/ Swayam/MOOCs	Area of Specialization	Institution/University/ AgencyName	Year
P.G.D.C.A.	---	Sri G.V.G. Visalakshi College for Women	April 2002

**9) Career profile:  
Current:**

Organization	Designation	Duration
Providence College for Women	Assistant Professor	2007-2011
Providence College for Women	Assistant Professor, Senior Grade	2011-2016
Providence College for Women	Assistant Professor, Selection Grade	2016-2019
Providence College for Women	Associate Professor	2019 onwards

**10) Participation in Orientation Programme / Refresher Course / Short term course / FDP**

S.No	Participation	Organization	Date	Days
1	71 <sup>st</sup> Orientation Program	Bharathiar University Coimbatore.	30.10.2008-26.11.08	28
2	Refresher Course in Mathematics	Madurai Kamaraj University, Madurai	23.2.2011 to 15.3.2011	21
3	Refresher Course in Applied Mathematics and Statistics	Bharathiar University Coimbatore.	15.9.2016 to 5.10.2016	21
4	Short term Course on Research Methodology	Bharathiar University Coimbatore.	24.9.2018 to 28.9.2018	5

**11) Research Guidance: 25759/A2/2010 dt 5/1/2011**

Programme	No. of Scholars	
	Completed	Pursuing
<b>Ph.D.</b>	2	1
<b>M.Phil.</b>	5	-

**12) Research Publications:**

1. Parvaiz Ahmad Naik, N. Indumathi, B. Ganga, S. Charles, A. K. Abdul Hakeem, Zahoor Iqbal, ElSayed Tag-ElDin and JianZu, Forced convection of non-darcy flow of ethylene glycol conveying copper (II) oxide and titanium dioxide nanoparticles subject to lorentz force on wedges: Non-newtonian casson model, September 2022, Frontiers in Chemistry. <https://www.frontiersin.org/articles/10.3389/fchem.2022.1010591>
2. Indumathi, B. Ganga, S. Charles, P. Renuka, A. K. Abdul Hakeem, Impressions of Casson CuO–TiO<sub>2</sub>/EG Non-Darcian Viscous Dissipative Flow Casson Hybrid Nanofluid Non-Darcian Flow, August 2022, 8:239 Int.J.Appl.Comput.Math. <https://doi.org/10.1007/s40819-022-01446-7>

3. N. Indumathi, B. Ganga, S. Charles, A. K. Abdul Hakeem MHD Boundary Layer Flow Past a Wedge of Casson CuO-TiO<sub>2</sub>/EG Embedded in Non-Darcian Porous Media: Viscous Dissipation Effects, Vol. 11 (6), pp. 1–9, 2022 , Journal of Nanofluids. ([www.aspbs.com/jon](http://www.aspbs.com/jon))
4. Numerical analysis on the three-dimensional flow and heat transfer of multiple nanofluids past a Riga plate, 1850(1):012044, May 2021, Journal of Physics Conference Series.
5. B. Ganga, S. Charles, A.K. Abdul Hakeem, S. Nadeem, Three dimensional MHD Casson fluid flow over a stretching surface with variable thermal conductivity, 20(1):25-36, March 2021, Journal of Applied Mathematics and Computational Mechanics.
6. Radiation and cross diffusion on unsteady chemically reactive convective flow through an extended surface in heat generating porous medium, 17(5):494, January 2021, International Journal of Energy Technology and Policy.
7. Three dimensional non-linear radiative nanofluid flow over a Riga plate, Journal of Applied and Computational Mechanics, 6(4), 2019, 1012-1029.
8. Elastic deformation and inclined magnetic field on entropy generation for water's liquid B fluid over a stretching sheet, Journal of Applied Mathematics and Computational Mechanics, 18(2), 2019, 85-93.( **Scopus , ESCI**)
9. Comparison of disparate solid volume fraction ratio of hybrid nanofluids flow over a permeable flat surface with aligned magnetic field and Marangoni convection, Scientia Iranica, 27(6), 3367-3380, 2020. (**Scopus, SCIE, Impact Factor :1.025**)
10. Influence of relaxation-retardation viscous dissipation on chemically reactive flow of Oldroyd-B nano fluid with hyperbolic boundary conditions, Heat Transfer ,1-23, 2020. ( **Scopus , Web of Science** ) .
11. Non-uniform heat source/sink effects on the three-dimensional flow of Fe<sub>3</sub>O<sub>4</sub>/Al<sub>2</sub>O<sub>3</sub> nanoparticles with different base fluids past a Riga plate, Case Studies in Thermal Engineering, 15, 2019, 100521.
12. P. Renuka, B. Ganga, R. Kalai.vanan, A.K. Abdul Hakeem, Slip effects on Ohmic dissipative non-Newtonian fluid flow in the presence of aligned magnetic field ,Journal of Applied and Computational Mechanics, (2019) DOI: 10.22055/JACM.2019.29024.1543.
13. Entropy optimized MHD 3D nanomaterial of non-Newtonian fluid: A combined approach to good absorber of solar energy and intensification of heat transport, Computer methods and programs in biomedicine, 186, 105131, 2020.(**Elsevier publication, SCIE, Scopus, IF: 1.943**)
14. Marangoni radiative effects of hybrid-nanofluids flow past a permeable surface with inclined magnetic field, Case Studies in Thermal Engineering, 17, 100571, 2020. (**ESCI, Web of Science, I.F.:4.010**)
15. Non-Darcian three-dimensional flow of Fe<sub>3</sub>O<sub>4</sub>/Al<sub>2</sub>O<sub>3</sub> nanoparticles with H<sub>2</sub>O/NaC<sub>6</sub>H<sub>5</sub>O<sub>7</sub> base fluids past a Riga plate embedded in a porous medium, Eur. Phys. J. Special Topics 228, 2571–2600 (2019).(ESCI, Scopus)
16. Influence of non-uniform heat source/sink and variable viscosity on mixed convection flow of third grade nanofluid over an inclined stretched Riga plate, International Journal of Thermofluid Science and Technology, 6, 2019, 19060401.
17. Cross Diffusion Impacts on Chemically Reactive Unsteady Mass and Energy Transport Over Elongated Surface through Penetrable Medium, International Journal of Engineering & Technology, 7 (4.10) (2018) 846-851.
18. Elastic Deformation Effects on Heat and Mass Fluxes of Second Grade Nanofluid Slip Flow Controlled by Aligned Lorentz Force, Journal of Nanofluids, 7(2), (2018) 325-337.(ESCI, Scopus)

19. Effects of Inclined Magnetic Field on Entropy Generation in Nanofluid Over a Stretching Sheet with Partial Slip and Nonlinear Thermal Radiation, Iranian Journal of Science and Technology, Transactions of Mechanical Engineering, 1-12 (2018). **(SCIE, Scopus, IF: 0.732)**
20. Non-Linear Thermal Radiative Marangoni Boundary Layer Flow of Gamma  $Al_2O_3$  Nanofluids Past a Stretching Sheet, Journal of Nanofluids , 7 (5) (2018), 944-950. **(ESCI, Scopus)**
21. Non-linear radiation effects on magnetic/non-magnetic nanoparticles with different base fluids over a flat plate, Advanced Powder Technology . 29 (9), 1977-1990, (2018). **(Elsevier publication, SCIE, Scopus, IF: 2.943)**
22. Nanofluid slip flow through porous medium with elastic deformation and uniform heat source/sink effects, Computational Thermal Sciences: An International Journal, 11(3), (2019) 269-283. **(ESCI, Scopus)**
23. Darcy–Forchheimer flow of hydromagnetic nanofluid over a stretching/shrinking sheet in a thermally stratified porous medium with second order slip, viscous and Ohmic dissipations effects, Ain Shams Engineering Journal. 9 (4) , 939-951 (2018). **(Elsevier publication, ESCI, Scopus)**
24. Impacts of chemical reaction on MHD double diffusive flow with suction/blowing and slip, Journal of Physics Conference Series ,1139(1):012089, (2018). **(Scopus)**
25. Influence of inclined Lorentz forces on entropy generation analysis for viscoelastic fluid over a stretching sheet with nonlinear thermal radiation and heat source/sink, Journal of Heat and Mass Transfer Research, 6(1), 2019, 1-10. **(SCIE, Scopus)**
26. Effect of space and temperature dependent internal heat generation/absorption on Casson fluid flow in the presence of an inclined magnetic field, Malaya Journal of Matematik, **(UGC)** 6 (2) (2018) 428-434.
27. Effect of elastic deformation on nano-second grade fluid flow over a stretching surface, Frontiers in Heat and Mass Transfer (FHMT) 10 (2018). **(SCIE, Scopus)**
28. Hydromagnetic flow and radiative heat transfer of nanofluid past a vertical plate, Journal of Taibah University for Science, 11(6), 1200-1213, (2017). **(Elsevier publication, ESCI)**
29. Hydromagnetic axisymmetric slip flow along a vertical stretching cylinder with convective boundary condition, St. Petersburg Polytechnical University Journal: Physics and Mathematics 2 (4), (2016) 273-280. **(Elsevier publication, ESCI)**
30. Analytical and Numerical Studies on Hydromagnetic Flow of Boungiorno Model Nanofluid over a Vertical Plate, Journal of Heat and Mass Transfer Research (JHMTR), 3 (2), (2016)153-164. **(SCIE, Scopus)**
31. MHD flow of Boungiorno model nanofluid over a vertical plate with internal heat generation/absorption, Propulsion and Power Research, 5 (3), (2016) 211-222. **(Elsevier publication, ESCI)**
32. Second law analysis for radiative MHD slip flow of a nanofluid over a stretching sheet with non-uniform heat source effect, Scientia Iranica. Transaction F, Nanotechnology, **(SCIE, Scopus)** 23 (3), (2016) 1524-1538.
33. Nonlinear studies on the effect of non-uniform heat generation/absorption on hydromagnetic flow of nanofluid over a vertical plate, Nonlinear Analysis: Modelling and Control 22( 1) (2016) 1–16. **(Scopus) (IF: 0.896)**
34. Comparative study on Newtonian/non-Newtonian base fluids with magnetic/non-magnetic nanoparticles over a flat plate with uniform heat flux, Journal of Molecular Liquids 230,(2017) 445-452. **(Elsevier publication, SCI, Scopus IF: 4.513).**

35. Second law analysis on radiative slip flow of nanofluid over a stretching sheet in the presence of Lorentz force and heat generation/absorption, *Frontiers in Heat and Mass Transfer (FHMT)* (2017) 8(10). **(ESCI, Scopus)**
36. Influences of an effective Prandtl number model on nano boundary layer flow of  $\gamma$  Al<sub>2</sub>O<sub>3</sub>-H<sub>2</sub>O and  $\gamma$  Al<sub>2</sub>O<sub>3</sub>-C<sub>2</sub>H<sub>6</sub>O<sub>2</sub> over a vertical stretching sheet, *International Journal of Heat and Mass Transfer*, 98,(2016) 616-623. **(Elsevier publication, SCI, Scopus, IF: 3.891)**
37. Velocity slip effects on heat and mass fluxes of MHD viscous-Ohmic dissipative flow over a stretching sheet with thermal radiation, *Ain Shams Engineering Journal*, 7 (2), (2016) 791-797. **(Elsevier publication, ESCI, Scopus)**
38. Heat transfer of non-Darcy MHD flow of nanofluid over a stretching/shrinking surface in a thermally stratified medium with second order slip model, *Scientia Iranica. Transaction F, Nanotechnology*, 22 (6), (2015) 2766-2784. **(SCIE, Scopus, IF; 102)**
39. Effects of Aligned Magnetic Field on Slip Flow of Casson Fluid over a Stretching Sheet, *Procedia Engineering* 127, (2015) 531-538. **(Elsevier publication, Scopus)**
40. Analysis of slip MHD nanofluid flow on entropy generation in a stretching sheet, *Procedia Engineering*, 127, (2015) 501-507. **(Elsevier publication, Scopus)**
41. Effects of space and temperature dependent internal heat generation/absorption on MHD flow of a nanofluid over a stretching sheet, *Journal of Hydrodynamics, Ser. B*, 27( 6) (2015) 945-954. **(Elsevier publication, SCIE, Scopus, IF; 1.563) (Now Springer).**
42. MHD radiative boundary layer flow of nanofluid past a vertical plate with internal heat generation/absorption, viscous and ohmic dissipation effects, *Journal of the Nigerian Mathematical Society* 34 (2), (2015) 181-194. **(Elsevier publication)**
43. Entropy generation analysis of magneto hydrodynamic flow of a nanofluid over a stretching sheet, *Journal of the Egyptian Mathematical Society*, 23 (2), (2015) 429-434. **(Elsevier publication)**
44. Influence of inclined Lorentz forces on boundary layer flow of Casson fluid over an impermeable stretching sheet with heat transfer, *Journal of Magnetism and Magnetic Materials*, 401, (2016) 354-361. **(Elsevier publication, SCI, Scopus IF: 3.046).**
45. A comparative theoretical study on Al<sub>2</sub>O<sub>3</sub> and  $\gamma$ -Al<sub>2</sub>O<sub>3</sub> nanoparticles with different base fluids over a stretching sheet, *Advanced Powder Technology*, 27 (2), (2016) 436-441. **(Elsevier publication, SCIE, Scopus, IF: 2.943)**
46. Analytical and numerical studies on heat transfer of a nanofluid over a stretching/shrinking sheet with second-order slip flow model, *International Journal of Mechanical and Materials Engineering*, 11 (1), 1-14, (2016). **(Springer publication, ESCI, Scopus)**
47. Magnetic field effect on second order slip flow of nanofluid over a stretching/shrinking sheet with thermal radiation effect, *Journal of Magnetism and Magnetic Materials* 381, (2015) 243-257. **(Elsevier publication, SCI, Scopus, IF: 3.046)**
48. Slip effect on radiative flow over a porous stretching sheet, *Proceeding of the 3<sup>rd</sup> National Conference on Recent Advancements in Science and Humanities*, UIT, Coimbatore, ISBN:978-81-920799-4-3,103-111, 2014,
49. Convective heat transfer of nanofluid over an inclined stretching sheet in the presence of thermal radiation, *International conference on Mathematical Sciences*, Sathyabama University, Chennai **ELSEVIER**, ISBN -978-93-5107-261-4, 252 – 256, 2014,
50. Buoyancy effect on MHD flow of nanofluid over a stretching sheet in the presence of thermal radiation,

Journal of Molecular Liquids Vol(198), 234-238, 2014. (Elsevier publication, IF: 3.648)

51. Effect of partial slip on hydromagnetic flow over a porous stretching sheet with non-uniform heat source/sink, thermal radiation and wall mass transfer, Ain Shams Engineering Journal **SCI Journal**, Vol(5), 913 – 922, 2014,
52. Lie symmetry group analysis of magnetic field effects on free convective flow of a nanofluid over a semi-infinite stretching sheet, Journal of Egyptian Mathematical Society **ELSEVIER**, Vol.(22), 304 – 310, 2014,
53. Effect of heat radiation in a Walter’s liquid B liquid B fluid over a stretching sheet with non-uniform heat source/sink and elastic deformation, Journal of King Saud University-Engineering Sciences **ELSEVIER**, Vol (26), 168 – 175, 2014,
54. Analytical and Numerical Studies on Hydromagnetic Flow of Water Based Metal Nanofluids Over a Stretching Sheet with Thermal Radiation effect, Journal of Nanofluids, Vol(3), 1 – 8, 2014,
55. Effects of Dissipation and Chemical reaction on MHD flow with heat and mass transfer over a stretching porous surface embedded in a porous medium, Proceedings of International Conference on Fluid Dynamics and its Applications, B.N.M. Institute of Technology, Bangalore, Vol.II, 321-332, 2011,
56. Magneto convective heat and mass transfer over a porous plate with effects of chemical reaction, radiation absorption and variable viscosity, International Journal of Energy & Technology, Vol. 2(23), 1–9, 2010,
57. Dissipation Effects on MHD Nonlinear Flow and Heat Transfer past a Porous Surface with Prescribed Heat Flux, Journal of Applied Fluid Mechanics, **Impact Factor :0.746, SCI Journal**, Vol. 3, No. 1, P. 1-6, 2010,
58. Effects of Viscous and Joules Dissipation on MHD Flow, Heat and Mass Transfer past a Stretching Porous Surface Embedded in a Porous Medium, Nonlinear Analysis: Modelling and Control, **Impact Factor :0.91**, Vol.14, No.3, 303–314, 2009,
59. Viscous dissipation effects on nonlinear MHD flow in a porous medium over a stretching porous surface, International Journal of Applied Mathematics and Mechanics, Vol.5(7),P. 45-59, 2009,
60. MHD Nonlinear flow and heat transfer over a stretching porous surface of constant heat flux, Computer Assisted Mechanics and Engineering Sciences, Vol. 15, P. 15-22, 2008,

### 13) Book publications / Chapters written

- 1) **Book Chapter:** Differential Equations and Applications Recent advances, Narosa Publishing house Pvt. Ltd.pp. 49-56, ISBN:978-81-8487-331-3, An Analytic solution of a viscoelastic fluid over a impermeable stretching sheet with non-uniform heat source/sink, elastic deformation and radiation effect.
- 2) **Book Chapter**, Advances in Fluid Dynamics, (Lecture Notes in Mechanical Engineering),243-253, 2021, Marangoni Convection of Titanium Dioxide/Ethylene Glycol Dusty Nano-liquid MHD Flow Past a Flat Plate

### 14) Conference / Seminar / Symposium / workshop organized

Year	Name of the Conference / Seminar / Symposium /workshop	Date From – To
2021	Mindset Based Walk-through for Intellectual property	18 <sup>th</sup> November
2020	Fluid Dynamics and Its Applications	6 <sup>th</sup> January
2017	National Seminar on Graph Theory and its Application	4 <sup>th</sup> -5 <sup>th</sup> August
2014	International Conference on	4 <sup>th</sup> -5 <sup>th</sup> August

	Mathematics	
2012	National Seminar on Graph Theory and its Application sponsored by TANSICHE	17 <sup>th</sup> December

## 15) Presentation in Conference / Seminar / Symposium

### International Level

- 1) International Seminar on Advances in Applied Mathematics, 26<sup>th</sup> August 2013, Bharathiar University, Coimbatore – 46.
- 2) International conference on “Fluid Dynamics and its Applications” July 20<sup>th</sup> – 22<sup>nd</sup> , 2011, B.N.M. Institute of Technology, Bangalore.
- 3) International Conference on Frontiers in Fluid Mechanics, Aug. 31<sup>st</sup> – Sep. 2<sup>nd</sup> 2009, Bangalore University, Bangalore – 560001.
- 4) 19<sup>th</sup> National and 8<sup>th</sup> ISHMT-ASME, Heat and Mass Transfer Conference, January 3<sup>rd</sup> to 5<sup>th</sup> 2008, JNTU College of Engineering, Hyderabad.

### National Level

- 1) National Conference on Computational Topology and Differential Equations, 21<sup>st</sup> April 2018, Bharathiar University, Coimbatore – 46
- 2) National Seminar on “Advances in Applied Mathematics”, 23.3.2009, Bharathiar University, Coimbatore.
- 3) National Conference on ‘Recent Trends in Fluid Dynamics’, 19<sup>th</sup> February 2010, Sri Rama Krishna Mission Vidhyalaya College of Arts and Science

## 16) Participation in Conference / Seminar / Symposium

### International Level

- 1) Providence college for women, 4th -5th August 2017, International Conference on Mathematics 2017.
- 2) SathyaBama University, Chennai, 13.12.2010 to 15.12.2010, International workshop on Mathematical and Computational Fluid Dynamics.
- 3) Avinashilingam University for Women, 16th – 17<sup>th</sup> Dec. 2009, International Workshop on Data Analysis National Level.

### State Level

- 1) Providence College for Women, OBE’ – Exploring New Frontiers in Education, , October 10, 2021.
- 2) National Institute of Technology, Arunachal Pradesh, February 20 – March 28, 2021, (Only Weekends), Online Instructional School for Teachers on Linear Algebra.
- 3) Bharathiar University, Coimbatore, 10.3.2021-17.03.2021, Six Days Online Training Programme on MATLAB.
- 4) PSGR Krishnammal College for Women, Coimbatore, 14.12.2020 -16.12.2020, National Level Virtual Faculty Development programme on NEP.
- 5) P.K.R. Arts College for Women, Gobichettipalayam, 22nd February 2019, Intellectual Property Rights & Innovations.
- 6) Bharathiar University, Coimbatore – 46, 26-27th October 2018, Two-Day Workshop on Revised NAAC norms and procedures.

- 7) Providence college for women, 4th February, 2016, State level workshop on Prerequisites of Research.
- 8) Providence college for women, 16th September, 2015, National level workshop on Mathematical Modeling and its Applications.
- 9) Providence college for women, 29<sup>th</sup> -31<sup>st</sup> August 2015, Life-skill Development seminar, Workshop and Exhibition.
- 10) Sri Ramakrishna Mission Vidyalaya College of Arts and Science, Coimbatore, 14th September 2013, Synergies and Harmony between Indian Values and Modern Science
- 11) Providence College for Women, Coonoor, 17<sup>th</sup> December 2012, TANSICHE sponsored National seminar on “Graph Theory and its Applications.
- 12) Providence College for Women, Coonoor, 5<sup>th</sup> October 2012, UGC Sponsored one day National level seminar on “Marine Archaeology with special reference to ancient ports and maritime centres in Tamilnadu.
- 13) Providence College for Women, Coonoor, 12<sup>th</sup> and 13<sup>th</sup> July 2012, NAAC sponsored two day National level seminar on Ethics and Morals – Need of the Hour in Quality Higher Education.
- 14) Providence College for Women, Coonoor, 28<sup>th</sup> February 2012, National level workshop on “Inclusive Growth in India: Issues and policies.
- 15) Bharathiar University, Coimbatore – 46, 20<sup>th</sup> January 2012, One day Sensitisation Programme for NSS Programme Officers and Unit Leaders on Disability Management.
- 16) Providence College for Women, Coonoor, 8<sup>th</sup> August 2011, UGC Sponsored one day national level workshop/ sensitization programme on enrichment for the promotion of ethics and human values
- 17) Bharathiar University, Coimbatore, 6<sup>th</sup> Nov. 2009, Seminar On Partial Differential Equation.
- 18) Nirmala College for Women, Coimbatore, 24.7.2009, The Spirit, Culture and Significance of Graph Theory.
- 19) Kongunadu Arts and Science College, Coimbatore, 28<sup>th</sup> September 2007, State Level Workshop on Latex Document Preparation.

#### **17) Resource person / Invited Speaker/Session Chair– Conference/Seminar/Workshop**

- 1) Delivered a talk as a part of Faculty Development Program on “Computational Fluid Dynamics” in Karpagam Academy of Higher Education on 16.12.2022.
- 2) Acted as the Resource person and delivered a talk on “Mathematics in Daily Life” in a “Capacity building programme for Women students of Mathematics” on 6.6.2021 in Sri G.V.G. Visalakshi College for Women, Udumalpet.
- 3) Acted as the Resource person on the topic of Prof. Srinivasa Ramanujan’s Life in the National webinar on Applications of Mathematics on 30<sup>th</sup> December 2020 in Government Polytechnic, Daman.
- 4) Delievered a special lecture in the CSIR sponsored one week National level workshop on “Hemodynamics – a dynamics of blood flow” on 12<sup>th</sup> February 2019 in Erode Sengunthar Engineering College.
- 5) Delievered a special lecture in the CSIR sponsored a Two-day National level Workshop on Theoretical and Computational Fluid Dynamics on 21<sup>st</sup> December 2018 in Erode Sengunthar Engineering College.
- 6) Delievered an Expert talk in the International conference on Applications of Fluid Dynamics from 13-15<sup>th</sup> December 2018, in Vellore Institute of Technology.
- 7) Resource Person in the International Conference on Applied and Computational Mathematics on 10<sup>th</sup> August 2018, in Erode Arts and Science College, Erode.
- 8) Chairperson in the International conference on Mathematics held in Providence College for Women, Coonoor from 4<sup>th</sup> -5<sup>th</sup> August 2017.
- 9) Invited Speaker in UGC Sponsored two day National Conference on Recent Advances in Mathematical Sciences from 9<sup>th</sup> – 10<sup>th</sup> February 2017, in Government Science College, Bengaluru.
- 10) Conducted a Workshop on Latex in Emerald Heights College for Women, Ootacamund on 24<sup>th</sup> September 2011.

#### **18) Member of Board of studies**



- Member of BOS, Providence College for Women, Coonoor (2021 onwards)

**19) Membership in professional bodies**

- AUT member
- NDL member

**20) Institutional responsibilities**

<b>Academic Year</b>	<b>Name of the Committee/Activity</b>	<b>Co-ordinator/Member</b>
2022-2023	1. Admission Committee	Member
	2. Research Committee	Member
	3. Assistant HOD	
2021-2022	4. Admission Committee	Member
	5. Research Committee	Member
	6. Assistant HOD	
2020-2021	1. IQAC	
2019-2020	1. IQAC	
2018-2019	1. IQAC	Member
	2. Staff Welfare	Secretary
	3. University Exams -Nov. 2018.	Chief Superintendent
2017-2018	1. IQAC	Member
	2. SGRC	Member
2016-2017	1. IQAC	Member
	2. SGRC	Member
2015-2016	1. PTA	
	2. Village Adoption (Gandhipuram)	Co-ordinator
	3. Research Committee	Member
2014-2015	1. PTA	
	2. Village Adoption (Gandhipuram)	Co-ordinator
2013-2014	1. PTA	
2012-2013	2. PTA	

2011-2012	1. NSS 2. Extension Activity (Govt. Lawley Hospital)	Programme Officer
2010-2011	1. NSS Office Assistant	
2009-2010	1. Consultancy Committee	Member
	2. NSS Office Assistant	Member
2008-2009	Exam Committee	Member
2007-2008	Exam Committee	Member

## 21) Other Highlights

- 1) Organized a talk on 'The Role of Internet of Things in Career Development' on 11.10.2022
- 2) Arranged a visit to Jothi Seva Trust, Kotagiri, a home for the blind children on 7<sup>th</sup> September, 2022.

### External Examiner / Doctoral committee member:

- 1) Attended Doctoral committee meeting at Emerald Heights College for Women on 4.11.2022.
- 2) Attended Doctoral committee meeting at Emerald Heights College for Women on 20.04.2021.
- 3) External Examiner for M.Sc. Mathematics, University Practical Examinations at Govt. Arts College, Udhagamandalam, on 26<sup>th</sup> March 2019.
- 4) Attended as an external expert in the Doctoral committee meeting at Sri Ramakrishna Mission Vidyalaya College of Arts and Science on 2<sup>nd</sup> August 2018.
- 5) External Examiner for M.Sc. Mathematics, University Practical Examinations at Govt. Arts College, Udhagamandalam, on 27<sup>th</sup> March 2017.
- 6) External Examiner for B.Sc. Mathematics, University Practical Examinations at Emerald Heights College for Women, Udhagamandalam, on 10<sup>th</sup> & 11<sup>th</sup> of March 2017.
- 7) Attended question paper setters board meeting at Periyar University, Salem.
- 8) External Examiner for M.Sc. Mathematics, University Practical Examinations at Govt. Arts College, Udhagamandalam
- 9) Attended Doctoral committee meeting at Govt. Arts College for Men, Krishnagiri.