Dr. BANDARU MALLIKARJUNA
Assistant Professor,
Department of Mathematics,
BMS College of Engineering
Bengaluru-560019, Karnataka State, India
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Research Interests:

Fluid Dynamics, Heat and Mass Transfer in Porous Media and Computational Methods

Career Objective:

To be a part of a reputed organization in a responsible and challenging position, with a dynamic, open, learning innovative culture, especially to achieve the aims of the institution with no compromise. Also, to be a part of success in an esteemed academic institute with my contribution towards teaching, academic work as well as research.

Educational Qualifications:

- Internship as Visiting Researcher in IIT Kanpur under the supervision of Prof. B.V.Rathis Kumar, Professor in Mathematics, IIT Kanpur, Kanpur in the month June 2019.
- Certificate Course on "Introduction to Numerical Grid Generation & Fluid flow Computation through Continuous Education Course-CCE PROFICIENCE PROGRAM, conducted by IISC, Bangalore during January to May 2016.
- Ph.D. (Mathematics) from Jawaharlal Nehru Technological University Anantapur, Anantapuramu (2010-2015). Title:-"Convective heat and mass transfer in viscous fluid flow over a porous medium".
- M.Phil. (Mathematics) from Vinayaka Missions University, Salem (2007-2008).
- M.Sc. (Applied Mathematics) from Sri Krishnadevaraya University, Anantapur (2005 - 2007).
- B.Ed. (Mathematics) from Sri Venkateshwara University, Tirupati (2004-2005)
- B.Sc. (M.P.S) from S.S.B.N. Degree College, Anantapur, Anantapur Dist. (Affiliated to Sri Krishnadevaraya University) (2000 - 2003)

Courses Currently Being Taught at BMS College Engineering (Odd Semester, 2018-19):

- I B.Tech Engineering Mathematics I
- II B.Tech Engineering Mathematics II
- III B.Tech Advanced Engineering Mathematics
- III B.Tech Additional Mathematics I for Lateral Entry
- IV B.Tech Additional Mathematics II for Lateral Entry
- VII B.Tech Advanced Numerical Methods

Courses Taught at BMS College of Engineering:

- I B. Tech.: Engineering Mathematics-I
- I B. Tech.: Engineering Mathematics-II
- II B. Tech. (Mech): Engineering Mathematics-III

- II B. Tech.(IEM): Higher Engineering Mathematics-III
- II B. Tech. (ML, ECE): Advanced Engineering Mathematics-III
- II B.Tech. (ECE & EEE): Discrete Mathematics & Probability
- II B. Tech. (Lateral Entry): Mathematics-I & II

Courses Taught at Other Colleges:

- Real Analysis, Numerical Methods and Differential Equations for PG Students
- Real Analysis, Sequence and Series for UG students
- PUC I and II

Research Publications:

a) Papers Published/ Accepted in International Journals:

35	Mohammed A Mansour, A.M.Rashad, B. Mallikarjuna, Ahmed KadhimHussein, Mohammed Aichouni, Lioua Kolsi, MHD Mixed Bioconvection in a Square Porous Cavity Filled by Gyrotactic Microorganisms, International Journal of Heat and Technology, 37(2), 433-445, 2019, https://doi.org/10.18280/ijht.370209
34	Sameh, E. Ahmed, M.A. Mansour, Ahmed Kadhim Hussein, B. Mallikarjuna, Mohammed A. Almeshaal, Lioua Kolsi, MHD mixed convection in an inclined cavity containing adiabatic obstacle and filled with Cu–water nanofluid in the presence of the heat generation and partial slip, Journal of Thermal Analysis and Calorimetry, Springer Journal, Published online: https://doi.org/10.1007/s10973-019-08340-3 **Impact Factor: 2.209**,2019
33	K. Gowthami, Hariprasad, B. Mallikarjuna, O.D. Makinde, Flow between Stretchable Rotating Disks in an Anisotropic Porous Medium with Cattaneo Christov Heat Flux, Defect and Diffusion Forum, 393, 138-148, 2019. https://doi.org/10.4028/www.scientific.net/DDF.393.138
32	K. Gowthami, Hariprasad, **B. Mallikarjuna**, O.D. Makinde, Hydrodynamic flow between rotating stretchable disks in an orthotropic porous medium, Songklanakarin Journal of Science and Technology, Accepted for publication.
31	S. Ramprasad, S.H.C.V.Subba batta, **B. Mallikarjuna,** Computational study on two-phase MHD buoyancy driven flow in an asymmetric diverging channel, Songklanakarin Journal of Science and Technology, Accepted for publication.
30	S. Ramprasad, S.H.C.V.Subba batta, **B. Mallikarjuna,** Slip effects on MHD convective two-phase particulate suspension flow in a divergent channel, Defect and Diffusion Forums, 388, 2018, 303-316. doi:10.4028/www.scientific.net/DDF.388.303
29	R.Suresh Babu, B. Rushi kumar, **B.Mallikarjuna**, P.A.Dinesh, Effects of variable fluid properties on MHD non-Darcy convective flow from a vertical plate with heat generation and chemical reaction, Defect and Diffusion Forums, 388, 2018, 190-203, 10.4028/www.scientific.net/DDF.388.190
28	P. Bala Anki Reddy, **B.Mallikarjuna**, K.Madhusudhan Reddy, Slip effect on heat and mass transfer in casson fluid with cattaneo-christove heat flux model, Frontiers in Heat and Mass Transfer, 11(5), 2018, 1-10.
27	A.M.Rashad, A.J.Chamkha, **B.Mallikarjuna** and M.M.M.Abdou, Mixed bioconvection flow of a nanofluid containing gyrotactic microorganisms past a vertical slender cylinder, Frontiers in Heat and Mass Transfer, 10,21(2018),
26	**B. Mallikarjuna** and R. Suresh babu, MHD convective flow past an inclined non-uniform surface in a sparsely packed porous medium, Journal of Global Research in Mathematical Archives, 5(3), 2018, 120-128.

25	B.Md. Hidayatulla Khan, K. Venkatadri, O. Anwar Beg, V. Ramachandra Prasad and **B. Mallikarjuna**, Natural convection in a square cavity with uniformly heated and / or Insulated walls using Marker and Cell method, International Journal of Applied and Computational Mathematics, 2018, 4(2), 61,
24	V.Nagendramma, C.S.K.Raju, **B. Mallikarjuna**, S.A.Shehzad, A.Leelaratnam, 3D Casson nanofluid flow over slandering surface in a suspension of gyrotactic microorganisms with Cattaneo-Christov heat flux, Applied Mathematics and Mechanics, 39(5), 2018, pp.623-638. DOI: 10.1007/s10483-018-2331-6. **(Impact Factor-1.205)**
23	**B. Mallikarjuna,** Rangaswamy and Ahmed Kadhim Hussein, Effect of higher order chemical reaction on double diffusive mixed convective flow over a rotating vertical cone in a Darcy porous medium, Research Journal of Science and Technology, 9(3), 2017, 1-9.
22	A.B.Madhu Mohanan Raju, G.S.S.Raju and **B. Mallikarjuna,** Unsteady quadratic convective flow of a rotating non-Newtonian fluid over a rotating cone in a porous medium, International Journal of Advanced Research in Computer Science, 8(6), July-2017.
21	S. Ramprasad, S.H.C.V.Subba batta, **B. Mallikarjuna** and D. Srinivasacharya, Two-phase particulate suspension flow in convergent and divergent channels: A Numerical Model, International Journal of Applied and Computational Mathematics, 3,2017, S843-S858, DOI: 10.1007/s40819-017-0386-5.
20	**B. Mallikarjuna**, A.M. Rashad, A.K. Hussein and S. Hariprasad Raju, "Transpiration and thermophoresis effects on non-Darcy convective flow over a rotating cone with thermal radiation" Arabian Journal for science and Engineering, 41, 2016, 4691-4700, DOI: 10.1007/s13369-016-2252-x (Springer Journal) (Indexed in Scopus, SCI) Impact Factor: 0.728
19	V. Ramachandra Prasad, R. Bhuvanavijaya, **B. Mallikarjuna**, Natural convection on heat transfer flow of non-Newtonian second grade fluid over horizontal circular cylinder with thermal radiation, Journal of Naval Architecture and Marine Engineering, Vol. 13(1), 2016, 63-78 (Thomson Reuters) (Indexed in Scopus) Impact Factor: 0.385
18	D.Srinivasacharya, **B.Mallikarjuna** and R.Bhuvanavijaya, Effects of thermophoresis and variable properties on mixed convection along a vertical wavy surface in a fluid saturated porous medium, Alexandria Engineering Journal, Vol. 55, 2016, pp. 1243-1253. (Elsevier Journal) (Indexed in Scopus)
17	A.M.Rashad, **B.Mallikarjuna**, A.J.Chamkha, S.Hariprasad Raju, Thermophoresis effect on heat and mass transfer from a rotating cone in a porous medium with thermal radiation, Afrika Matematika, 27(7-8), 1409-1424, 2016, DOI: 10.1007/s13370-016-0421-4. (Springer Journal) (Indexed in Scopus, SCI)
16	**B. Mallikarjuna**, M.M.Rashidi, S.Hariprasad Raju, Influence of nonlinear convection and thermophoresis on heat and mass transfer from a rotating cone to fluid flow in porous medium, Thermal Science, 21(6B), 2017, 2781-2793., DOI 10.2298/TSCI150619004B, (Indexed in Scopus, SCI) Impact Factor: 0.939
15	**B. Mallikarjuna**, A. M. Rashad, A.J. Chamkha and S. Hariprasad Raju, chemical reaction effects on mhd convective heat and mass transfer flow past a rotating vertical cone embedded in a variable porosity regime, Afrika Matematika, Vol.27, Issue-3, pp.646-665, 2016. (Springer Journal) (Indexed in Scopus, SCI)
14	D. Srinivasacharya, **B. Mallikarjuna** and Chandrasekhara, G, Convective heat transfer flow along a sinusoidal wavy surface in a porous medium with variable permeability, Procedia Engineering, 127 (2015), pp. 524-530 (Elsevier Journal) (Indexed in Scopus)

13	D. Srinivasacharya, R. Bhuvanavijaya and **B. Mallikarjuna**, Dispersion effects on mixed convection over a vertical wavy surface in a porous medium with variable properties, Procedia Engineering, 127 (2015), pp. 271-278 (Elsevier Journal) (Indexed in Scopus)
12	D. Srinivasacharya, **B. Mallikarjuna**, R. Bhuvanavijaya, Radiation effect on Mixed Convection over a Vertical Wavy Surface in Darcy Porous Medium with Variable Properties, Journal of Applied Science and Engineering, Vol. 18, No-3, 265-274, 2015 (Indexed in Scopus)
11	S. Hariprasad Raju, **B. Mallikarjuna**, and S.V.K. Varma, Thermophoretic Effect on Double Diffusive Convective Flow of a Chemically Reacting Fluid over a Rotating Cone in Porous Medium, Int.J. of Scientific & Engineering Research,Vol-6(1), 198-204, 2015
10	D. Srinivasacharya, **B. Mallikarjuna**, R. Bhuvanavijaya, Soret and Dufour effects on mixed convective heat and mass transfer along a vertical wavy surface in a Darcy porous medium with variable properties, Ain Shams Engineering Journal, Vol.6, 2015, pp.553-564. (Elsevier Journal) (Indexed in Scopus)
9	D. Srinivasacharya, **B. Mallikarjuna**, R. Bhuvanavijaya, Natural convection along a vertical wavy surface in a porous medium with variable properties and cross diffusion effects, International Journal of Non-linear Science, Vol-19, No.-1, pp.53-64,2015 (Indexed in Scopus) *MCQ = 0.13 and AMS Math Sci Net Journal*
8	R.Bhuvanavijaya, V.Ramachandra Prasad, **B. Mallikarjuna** and O.Anwar Beg, Natural convective heat transfer flow of a non-newtonian second grade fluid past an iso-thermal sphere, Computational Thermal Scinece, Vol-6, Issue-5, 451-460, 2014 (Indexed in Scopus)
7	Ali. J. Chamkha, **B. Mallikarjuna**, R. Bhuvanavijaya and DRV. Prasada Rao, Heat and mass transfer in a porous medium filled rectangular duct with Soret and Dufour effects under inclined magnetic field, International Journal of Numerical Methods for Heat and Fluid Flow, Vol-24, Issue-1, pp.1405-1436, 2014 (Emeralds Publication) (Indexed in Scopus, SCI) Impact Facotr: 1.958
6	**B. Mallikarjuna**, Ali. J. Chamkha and R. Bhuvanavijaya, Soret and Dufour effects on Double diffusive convective flow through a non-Darcy porous medium in a cylinder annulur region in the presence of heat sources, Journal of Porous media, Vol-17, Issue-7, 623-636, 2014 (Begell House Publication) (Indexed in Scopus, SCI) (Impact Facotr: 1.035
5	R. Bhuvanavijaya and **B. Mallikarjuna**, Effect of Variable thermal conductivity on convective heat and mass transfer over a vertical plate in a rotating system with variable porosity regime, Journal of Naval Architecture and Marine Engineering, Vol-11(1), 2014, 83-92, (Thomson Reuters, Indexed in Scopus) Impact Factor: 0.385
4	R. Bhuvanavijaya and **B. Mallikarjuna**, Double dispersion effects on free convection along a vertical wavy surface in porous media with variable properties, Int.J. of Scientific & Engineering Research, Vol-5(3), 83-92, 2014
3	R. Bhuvanavijaya and **B. Mallikarjuna**, Effects of thermophoresis and variable properties on free convection along a vertical wavy surface in a fluid saturated porous medium, International Journal of Mathematical Archive, Vol-5(2), pp.234-246, 2014
2	R. Bhuvanavijaya, **B.Mallikarjuna**, Double diffusive convection of a rotating fluid over a vertical plate embedded in Darcy-Forchheimer porous medium with non-uniform heat sources, International Journal of emerging trends in Engineering and development, 2(3), 2013, 415-432.
1	R. Bhuvanavijaya, **B.Mallikarjuna** and D.R.V.Prasada Rao, Finite Element Analysis of convective heat and mass transfer flow over a stretching sheet embedded in a porous medium with chemical reaction, soret and radiation absorption, International

	Journal of Mathematical Archive, 4(3), 2013, 215-227.

b) Papers Published in Conference Proceedings:

4	B.Madhu Mohanan Raju, G.S.S.Raju and **B. Mallikarjuna,** Unsteady non-linear convective flow of a non-Newtonian fluid over a rotating vertical cone, IOP Conf. series. Materical Science and Engineering 263, 2017, 062001-DOI:10.1088/1757-899X/263/6/062001
3	**B. Mallikarjuna,** S.V.S.S.N.V.G.Krishna Murthy and Ali. J. Chamkha, "Effect of thermophoresis on heat and mass transfer by convective flow along a sinusoidal wavy surface", *2016 International Journal of Engineering Research (ICCIT16) @ CiTech, Bengaluru, Vol. 5 Issue-4, pp.971-975.*
2	**B.Mallikarjuna**, Janardhan, Rangaswamy, P.Sudhakar, Melting effect on non-linear convective flow over a vertical plate in a rotating system in a porous medium, Proceeding in International Conference on Mathematical sciences and published in International Journal of Scientific and innovative mathematical research, Vol.3, Issue-3, 2015, 954-960.
1	**B. Mallikarjuna** and R. Bhuvanavijaya, "Effect of higher order chemical reaction on MHD non-Darcy convective heat and mass transfer over a vertical plate in a rotating system embedded in a fluid saturated porous medium with non-uniform heat source/sink", Proceedings of the 22nd National and 11th International ISHMT-ASME Heat and Mass Transfer Conference, Dec: 28-31, 2013, IIT Kharagpur, India.

List of Papers Presented:

1. " The effect of inclined magnetic field on convective heat and mass transfer flow through a porous medium in a rectangular duct with soret and dufour effects" in National seminar on " **Recent Developments in Number theory and Graph Theory"** held during 22-23 Dec, 2012 at Sri Krishnadevaraya University, Anantapur.
2. "Soret and Dufour effects on double diffusive convective flow through a non-Darcy porous medium in a cylindrical annular region in the presence of heat sources" in the National conference on "**Recent Trends in Mathematics-13**" held during 22-23 Mar, 2012 at Jawaharlal Nehru Technological University Anantapur.
3. "Effect of variable thermal conductivity on convective heat and mass transfer over a vertical plate in a rotating system with variable porosity regime" in the "**International Conference on Convergence of Science, Engineering & Management in Education & Research**" held during 26-27 Sep, 2013 at Dayananda Sagar Institutions, Bangalore.
4. "Mixed convective heat and mass transfer flow over a vertical wavy surface with variable properties" in the national seminar on "**Recent Developments in Algebra and its Applications to Science and Technology**" held during 29-30, Nov 2013, at Sri Krishnadevaraya University, Anantapur.
5. "Effect of higher order chemical reaction on MHD non-Darcy convective heat and mass transfer over a vertical plate in a rotating system embedded in a fluid saturated porous medium with non-uniform heat source/ sink" in the "**22nd national and 11th international ISHMT-ASME heat and mass transfer conference**" held during 28-31 Dec, 2013 at IIT Kharagpur.
6. "Double dispersion effects on mixed convective heat and mass transfer flow over a vertical wavy surface in a porous medium" in the "**2nd International Conference on Applications of Fluid Dynamics**" held during July 21st to 23rd 2014 at S.V. University, Tirupati.
7. "Convective heat and mass transfer flow of chemically-reacting fluid over a rotating vertical cone in a fluid saturated porous medium" in the **International conference of 59th**

congress of Indian Society of Theoretical and Applied Mechanics, ISTAM-2014" held during 17-20, Dec-2014 at Alliance College of Engineering and Design, Alliance University, Bengaluru.

8. "Convective heat and mass transfer from a rotating vertical cone in a variable porosity regime with chemical reaction" in the "**International Conference on Advances in Mathematical Sciences and Applications**", held during 22-23, Dec-2014 at Adichuchangiri Institute of Technology, Chikmagaluru.
9. "Thermal radiation effect on convective heat and mass transfer flow over a rotating cone in a Darcy porous medium with thermophoretic effect" in the national conference on "**recent developments in applications of mathematics in science & engineering"**, held during 10-11, Jan-2015 at Annamacharya institute of technology and sciences, Rajampet, Andhrapradesh.
10. "Melting effect on non-linear convective flow over a vertical plate in a rotating system in a porous medium" in "**International Conference on Mathematical Sciences**" held during July 13-15, 2015 at Sri Venkateswara University, Tirupati.
11. "Convective heat transfer flow along a sinusoidal wavy surface in a porous medium with variable permeability" in **International Conference on Computational Heat and Mass Transfer (ICCHMT-2015)** held during Nov 30th to Dec 2nd, 2015 at National Institute of Technology, Warangal. (Keynote Speaker: B.V. Rathiskumar)
12. "Transpiration and Thermophoresis effects on non-Darcy convective flow over a rotating cone" in "**Recent Trends and challenges in Mathematical Sciences**" held during 28th-29th, Dec-2015, Anantapur (Keynote Speaker: Prof. G. Radhakrishnamacharya)
13. "Effect of thermophoresis on heat and mass transfer by convective flow along a sinusoidal wavy surface" in a **3rd International Conference on Convergent Innovative Technologies**" held on 20th May 2016, Bangalore (Keynote Speaker: Sridhar)
14. "Effect of higher order chemical reaction on double diffusive mixed convective flow over a rotating cone in Darcy porous medium, in "**National Conference on Emerging Research Trends in Pure and Applied Mathematics",** held during 29th-30th August 2017, SPMVV, Tirupathi, Andhrapradesh.
15. Thermophoresis effect on natural convection in a differentially heated square cavity through porous media, in **International seminar on Emerging trends in Mathematics,** held during 29th – 31st March 2018, VIT, Vellore, India.
16. Thermal radiation effect on yield stress fluid from a vertical surface in a porous medium has been presented in International Conference on Innovations and Challenges in Science and Technology, (ICICST-2018), 24th – 26th May 2018, organized by Department of Science & Humanities at Don Bosco Institute of Technology, Bangalore, Karnataka.

Extension / Expert / Invited Lectures Delivered Elsewhere:

1. Gave talk on "SPECIAL FUNCTIONS" for B.E. students in Sri SAIRAM college of Engineering during 17th and 18th April 2017.
2. Handled the sessions on value added program on 'HANDS ON MATLAB- ENGINEERING MATHEMATICS' during 27th – 31st July 2017 at B.M.S. College of Engineering, Bengalore-19.
3. Gave talk on "Solving Differential Equations using MATLAB" in the faculty development program COMPUTATIONAL TOOLS FOR ENGINEERING APPLICATIONS on 17th AND 18TH January 2018 at Ramaiah Institute of Technology, Bengaluru.
4. Gave talk on "Spectral Quasilinearization method" in National level workshop on "Applications of Mathematics in Engineering" Conducted by Department of Mathematics and Physical Sciences, Nalla Malla Reddy Engineering College, Hyderabad.

5. Gave talk on "Solving PDE's using MATLAB" in one week FDP on Applications of Mathematical Tools for Engineering Problems from 30th July to 4th August 2018 at Department of Mathematics, Ramaiah Institute of Technology, Bengaluru, Karnataka
6. Gave talk on "Applications of Mathematics" in one day National level seminar on Algebra and Applications of Mathematics on 20th September 2018 at Sri Kailast womens college, Salem dt, Tamilnadu.
7. Gave talk on "Introduction to Spectral Methods" at department of Mathematics, at Ramaiah Institute of Technology, Bengalore, Karnataka, on 2nd November-2018.
8. Gave talk on "Applications for Fourier series, Fourier Transform, Z-Transform and Laplace Transforms at Department of Mathematics in Dayananda Sagar Institutions on 13th November 2018.

Conferences / Workshops / STTP Organized:

- Faculty Development program on Advanced Numerical Techniques For Engineers and Researchers (ANTER 2017) during January 23-28th 2017at B.M.S. College of Engineering, Bengalore-19
- Hands on MATLAB Engineering Mathematics held during July 27th – 31st 2017 at B.M.S College of Engineering, Bengalore-19.

Conferences / Workshops / STTP Attended:

1. National workshop on Differential Equations, 28-29 Sep,2012 at IIITM-KERALA, Thiruvanantapuram
2. Winter School on Stochastic Analysis and Control of Fluid Flow (ICTS), 2-20 Dec, 2012, IISER, Thiruvanantapuram
3. Mathematical and Computational Methods in Fluid Dynamics, 10-11 Jan, 2013, JNTUACEA, Anantapur
4. Advanced Workshop on Partial Differential Equations: Analysis and Application, 22-31 July, 2013, Benaras Hindu University, Varanasi.
5. National Workshop on Computational Methods in Engineering & Science, 21-25 Oct, 2013, National Institute of Technology, Warangal.
6. Two week International workshop on Computational Fluid Dynamics, June 23 – July 05, 2014, BMS College of Engineering, Bangalore – 560019
7. STTP on Advanced computational methods in engineering and Science, April 1-3, 2015, National Institute of Technology, Warangal.
8. One day International Workshop on Preparation of High Impact Research Articles & Funding Research Proposals, Jan 7th, 2016, ACS College of Engineering, Bangalore
9. One week WORKSHOP ON "TOOLS FOR PROJECT MANAGEMENT AND EVALUATION, July 18th – 24, 2016, BMS College Of Engineering, BANGALORE-19
10. Faculty Development program on Theory and Applications of Mathematical Modelling in Engineering, July 26th – 30, 2016, MS Ramaiah Institute of Technology, Bangalore
11. GIAN course on Finite Elements in Fluids, August 1st – 5th 2016, IIT, Madras
12. Three day workshop on "INSTRUCTIONAL MODEL FOR OUTCOME BASED EDUCATION" held during March 20th-22nd 2017, at B.M.S.College of Engineering, Bengalore-19.
13. CIMPA SUMMER school on "Multiscale Computational Methods and Error Control" held during June 26th – July 21st 2017 at Indian Institute of Technology, Kanpur.
14. GIAN course on "PSEUDO SPECTRAL METHODS AND THEIR APPLICATIONS IN SOLVING SYSTEM OF DIFFERENTIAL EQUATIONS" from 15th to 25th January 2018, organized by the department of Mathematics, BMS College of Engineering, Bengaluru.

15. International Workshop on Cloud Dynamics, Micro-Physics and Small-Scale Simulation during 13-17, August 2018, organized at Indian Institute of Tropical Meteorology, Pune, Maharastra.
16. Attended TEQIP III Sponsored short term course on "Scientific Computing and Applications to Industrial Problems, during November 19-23, 2018 organized by department of mathematics, IIT Kharagpur
17. Attended 90th Orientation Program during 4th July 2019 to 25th July 2019 organized by UGC-HRDC Academic Staff College, Osmania University, Hyderabad.

Awards, Honours/Distinctions:

- Awarded best paper presentation for presenting the paper Effect of Thermophoresis on heat and mass transfer by convective flow along a sinusoidal wavy surface on **3rd International Conference on Convergent Innovative Technologies**" held on 20th May 2016, at Cambridge Institute of Technology, Bangalore.
- Selected for Inspire Fellowship (Equivalent to JRF) from DST (Department of Science and Technology), Delhi for the full time Ph.D program.
- Qualified CSIR-UGC NET JUNE-2010
- Awarded Prof. Sitaramaswamy memorable prize for getting first rank in M.Sc 2007.

Teaching Experience:

- Working as an Assistant Professor in the Dept. of Mathematics, BMS College of Engineering, Bengaluru-19 from 18th August 2014 to till date.
- Worked as Mathematics mentor in RGUKT-APIIT, NUZVID, Andhrapradesh from 8/8/2008 to 2/6/2012.
- Worked as
- Worked as Lecturer in Mathematics at P.V.K.K.Degree College, Anantapur from Aug 2007 to Arpil 2008.

Ph.D. Supervising:

- Nagarjuna Reddy, P, "NUMERICAL STUDY OF CONVECTIVE FLOW USING CATTANEO-CHRISTOV HEAT FLUX MODEL", In progress.
- Gnaneshwari, P, "NUMERICAL STUDY OF OBLIQUE STAGNATION POINT FLOW OF A NON-NEWTONIAN FLUID", In progress

Membership of Professional Bodies:

1. Life member of Indian Society of Theoretical and Applied Mechanics (ISTAM), IIT Kharagpur, W.B. with membership ID: L/1070.
2. Life member of Indian Society for Heat and Mass Transfer (ISHMT), IIT MADRAS

Professional Responsibilities:

- Executive Council Member, ISTAM, IIT Kharagpur (Dec, 2016 – till date).
- BOS member, JNTUA, Anantapuramu, INDIA (Dec, 2016 – till date).
- BOE member, Ramaiah Institute of Technology, Bangalore,India (March-2019 to till date)

Reviewer Activities:

Reviewer:

- Journal of Porous Media;
- Thermal Science;
- Results in Physics
- Frontiers in Heat and Mass Transfer

- Non-linear Engineering-Modelling and Applications
- Ain Shams Engineering Journal;
- Alexandria Engineering Journal;
- International Journal of Numerical Methods for Heat and Fluid Flow;

Skills:

- Programming Languages: C, MATLAB and MATHEMATICA
- Software: Latex, graph 4.4.2, Origin.
- Platform: Linux, Windows 2010, XP.

Strengths:

- Better knowledge of computer software and hardware.
- Good experience in administrative work.
- Rich experience in organizing workshop/seminars etc.

Personal Profile:

Name	: Dr. Bandaru Mallikarjuna
Father Name	: B Lakshminarayana
Date of Birth	: 06 - June - 1983
Religion	: Hindu
Languages known	: English, Telugu, Kannada
Permanent Address	: Flat No.: 309, MYTRI ADITHYA APARTMENTS, AREHALLI, AGS LAYOUT, BANGALORE Pin: 560061, KARNATAKA, INDIA