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|--------------|--|---|----------------------|---|---------------|
| 1 | Name of the Faculty | Dr. Suresh Biradar | |  | |
| 2 | Date of joining | 07/02/2012 | | | |
| 3 | Email id | sureshmaths123@gmail.com | | | |
| 4 | Designation | Associate Professor | | | |
| 5 | Department | Mathematics | | | |
| 6 | Education Qualifications | Ph.D. | | | |
| 7 | Work Experience | Teaching | Research | Industry | Others |
| | | 16 | 09 | 0 | 0 |
| 8 | Area of Specialization | Fluid Dynamics, MHD, Boundary Layer Theory, Differential Equations. | | | |
| 9 | Courses taught at Diploma/ Post Diploma/ Under Graduate/ Post Graduate/ Post Graduate Diploma Level | <p>UG Courses: Engineering Mathematics-1, Engineering Mathematics-2, Engineering Mathematics-3, Engineering Mathematics-4, Additional Mathematics-1 and Additional Mathematics-2, Business Mathematics, Mathematics Foundation for BCA.</p> <p>PG Courses: Advanced Mathematics, Mathematical Foundation of Computer Science.</p> | | | |
| 10 | No. of papers published in National/ International Journals/ Conferences | | | | |
| | Journals | National | International | | |
| | | 1 | 8 | | |
| | Conferences | National | International | | |
| | | 08 | 3 | | |
| | Research Guidance | | | | |
| | Master Degree | Completed | Ongoing | | |
| Nil | | Nil | | | |
| Ph.D. | Nil | 04 | | | |

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| 11 | Projects Carried out | Nil | Nil |
| 12 | Patents | Nil | Nil |
| | | Nil | Nil |
| 13 | Technology Transfer | Nil | |
| 14 | Publications in International/ National Journals | | |
| | 1. P.H Veena, Suresh M.Biradar, Mahantesh M.Nandeppanavar , Free Convection Boundary Layer Flow and Heat Transfer of a Nano Fluid over a Moving Plate with Internal Heat Generation. IISTE Vol. 53 (2016):39-49 | | |
| | 2. P.H Veena, Suresh M.Biradar, Mahantesh M.Nandeppanavar , Velocity and Thermal Slip Effects on Flow and Heat Transfer due to an Exponentially Stretching Sheet with Viscous Dissipation and Thermal Radiation. IISTE Vol. 53(2016):53-62 | | |
| | 3. Suresh, P.H Veena, V. K. Pravin , Numerical Investigation of an Unsteady Mixed Convective Mass and Heat transfer MHD flow with Soret effect and Viscous Dissipation in presence of Thermal Radiation and Heat Source/sink IJMET Vol. 7, Issue 3, (May-June 2016) :170-193 | | |
| | 4. Suresh, P.H Veena, V. K. Pravin , Free Convective Heat transfer flow of a Casson fluid with Radiative and Dissipative effect due to Variable Thermal conductivity and Internal Heat generation past a stretching sheet. International Journal Of Engineering Sciences and Research Technology 5(10)(2016):638-654 | | |
| | 5. Suresh, P.H Veena, V.K.Pravin , Non-Newtonian Momentum Transfer Past an Isothermal Stretching Sheet with Applied Suction. IISTE Vol.56(2016):9-15. | | |
| | 6. Trimbak Biradar, B.N.Hanumagouda, Suresh Biradar and Vishal , Effect of Magneto-hydrodynamics and couple stress on characteristics of sine curve slider bearing. Global Journal of Engineering science and Research, March 2019: 140-150. | | |
| | 7. Trimbak Biradar, B.N.Hanumagouda, Suresh Biradar Kashinath and Vishal Patil , Effect Of MHD and Couple Stress on Squeeze film characteristics between Porous curved Annular circular plates , International Journal of Mechanical and Production Engineering Research and Development (IJMPERD) Vol. 10, Issue 3, Jun 2020, 8535-8546 | | |
| | 8. Sunita J, Suresh Biradar and Samrat SP , Flow and Heat transfer of Radiative Casson/Carreau liquid flow along non-linearly extended surface. Journal of Data Acquisition and Processing, Vol.38(1)March 2023: page No. 2239-2257. | | |
| 9. Sunita J, Suresh Biradar and Samrat SP , <i>MHD Carreau hybrid nanoliquid flow over a stagnation region of poignant needle: An enhanced heat transmission model.</i> | | | |

Scandinavian Journal of Information Systems, Vol.35(1) May 2023: page No. 1295-1307.

10. **Sunita J, Suresh Biradar and Samrat SP**, Heat transfer mechanism of Williamson hybrid nanofluid flow across a nonlinearly extending surface with radiation effects Eur. Chem. Bull. June, **2023**,12(Special Issue 9), 456-469

CONFERENCES : PARTICIPATION AND PRESENTATIONS:

1. **Participated and presented** a research paper entitled "Non-Newtonian Momentum Transfer Past an Isothermal Stretching Sheet with Applied Suction." in International Conference on History and Development of Mathematics(ICHDM) held on 29-30th Nov, 1st Dec, 2013 at Dept. of Mathematics, JECRC , Jaipur.
2. Attended UGC sponsored one day International Symposium on "Advances in Applied Mathematics" held on 18th Jan, 2014 conducted by the P.G. Department of Mathematics and Research Centre in Mathematics, M.E.S. Degree College of Arts, Commerce and Science, Bengaluru.
3. **Participated** in two days "KSTA Regional Conference on Science and Technology for Development" held on 30th and 31st Jan, 2014 conducted by Karnataka Central University, Kalaburagi.
4. Attended two days "International Conference on Emerging Trends in Mathematical Sciences" held on 25-26th July, 2014 conducted by Department of Studies in Mathematics Vijayanagar Sri Krishnadevaraya University, Bellary.
5. **Participated** in two days "National Conference on Recent Advances In Applied Mathematics(NCRAAM-2014)" held on 11th-12th Sep, 2014 Conducted by Gulbarga University, Kalaburagi.
6. **Participated** in two days "KSTA Conference on Science and Technology for Disaster Management" held on 22nd and 23rd Jan, 2015 Conducted by Karnataka Central University, Kalaburagi.
7. Attended a one day workshop on "Mathematica for Education and Research" held on 21st Sep, 2015 at P.G. Department of Mathematics and Research Centre in Mathematics, M.E.S. Degree College of Arts, Commerce and Science, Bengaluru.
8. **Participated** in two days UGC Sponsored "National Conference on Numerical Methods and its applications in Science and Engineering" held on 2nd and 3rd April, 2016 at Karnataka Arts, Science and Commerce College Bidar.
9. **Participated** in one day seminar on Research Methodology in association with "IEEE Women in Engineering Affinity Group Chapter" held on 7th May, 2012 at Sharnbasva University, Kalaburagi.
10. **Conducted and participated** "National conferences on Recent advances in Fluid Dynamics and Material sciences, 2022" held on 1st to 3rd July, 2022 at Department of Mathematics, Faculty of Engineering and Technology, Sharnbasva University,

Kalaburagi.

11. **Participated** in one day National seminar on Recent Advances in Physical and Applied sciences-2022 held on 23rd July, 2022 at Sharanabasaveshwara College of Science, Kalaburagi.

DELIVERED SPEECH

1. **Given Talk on "Shooting methods in solving boundary valued problems"** in the National conference conducted by Appa institute of Engineering and Technology, Kalaburagi in the year 2016.
2. **Given Talk on Fins in "National conferences on Recent advances in Fluid Dynamics and Material sciences, 2022"** held on 1st to 3rd July, 2022 at Department of Mathematics, Faculty of Engineering and Technology, Sharnbasva University, Kalaburagi.

GUIDING PH.D. STUDENTS

| Sl. No. | Name | University | Research Topic | Status |
|----------------|------------------|-------------------|--|---------------|
| 1. | Vishal Patil | VTU, Belgaum | Study of some problems in Tribological effects on Porous / Non-Porous Bearings | Completed |
| 2. | Sharanayya Swamy | SUK, Kalaburagi | Solution of flow and heat transfer problems | Perusing |
| 3. | Sunita J | SUK, Kalaburagi | Analytical/Numerical solution of boundary layer flow and heat transfer | Perusing |
| 4. | Shilpa | SUK, Kalaburagi | Theoretical analysis of MHD flow Past a flat plate/stretching sheets | Perusing |