

Smt. MANI K S
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RESEARCH INTEREST:

Fluid Mechanics, Numerical Methods, Differential Equations, Statistical methods

TEACHING EXPERIENCE: Having **7 years** of teaching experience

Worked as:

- Lecturer in Mathematics Department of Government PU College Channagiri from June 2013 to Jan 2014.
- Assistant Professor from 2014 to till date.

EDUCATION

- M.Sc (Mathematics) from Kuvempu University, Shankarghatta, 2013 with first class with distinction.
- B.Sc. (physics, mathematics & computer science) from SRNMNC Kuvempu University, Shimoga 2011 with distinction.

PROFESSIONAL MEMBERSHIP:

Life Member of Indian Society for Technical Education(LM125353).

SHORT TERM COURSES/WORSHOPS

Attended

- One day seminar on “Role of women in Societal Reforms” Organized by Department of Information Science and Engineering held at Bapuji Institute of engineering and technology, Davangere on 10th March 2017.
- One day Orientation programme on “ preparation for UGC-NET and SLET examination ”organized by MCA Forum and in association with NSS of Bapuji Institute of engineering and technology, Davangere on 19th April 2017.
- Two days workshop on “Advanced Mathematical Techniques in Research and Engineering Applications” at Department of Mathematics, GM Institute of Technology Davangere on 29-01-2018 and 30-01-2018Two Days “Workshop for Mathematics Teachers” conducted jointly by KSCST, Bangalore, Educational Department, Davangere, KRVP, Davangere, Rotary Club, Davangere Mid Town and BIET,

Davangere at Department of Mathematics, BIET, Davangere on 18th and 19th January 2019

- Participated in Webinar by Department of Computer Science and Engineering on topic “YOGA AS LIFESTYLE AND PREVENTIVE MEDICINE” Angadi Institute of Technology and Management, Belagavi on 20-06-2020.
- Participated in Webinar and Quiz on the eve of “INTERNATIONAL YOGA DAY” on 21-06-2020 held at BIET, Davangere.
- Online Quiz on “GENERAL MATHEMATICS” organized by Department of Humanities and Mathematics, G. Narayanamma Institute of Technology and Science on 25-06-2020.
- Four days workshop on “National Webinar on Fluid Mechanics and its Applications in Engineering Science” organized by Department of Mathematics, PES Institute of Technology and Management, Shivamogga from 24-06-2020 to 27-06-2020.

SEMINARS/WORKSHOPS/EVENTS ORGANIZED:

- Organizing committee member of “Technology barrier reduction program(TBRP)” held at Bapuji Institute of Engineering and Technology, Davangere from 18th April 2016 to 6th May 2016.
- Organizing committee member of “ Technology barrier reduction program(TBRP) from 24th April to 12th May 2017” held at Bapuji Institute of engineering and technology, Davangere
- “One Day Seminar on Science in Engineering” (SSE-2017) on 15th December, 2017 at Dept. of Mathematics, BIET, Davangere.
- Summer Internship conducted for Rural High School Students on “Technology Barrier Reduction program” between 16th April 2018 to 5th May 2018 at Bapuji Institute of Engineering & Technology, Davangere, Karnataka, Organized by Foundation for Advancement of Education and Research and sponsored by Zebra Technologies, Bangalore.
- All faculty members participated in organizing “National science day “ on 28-02-2018 under science forum “One day National Conference on Recent Trends on the Applications of Science in Engineering” (NCRSE-2018) on 28th September 2018 at BIET, Davanagere.
- Summer Internship conducted for Rural High School Students on “Technology Barrier Reduction program” between 22nd April 2019 to 10th May 2019 at Bapuji Institute of

Engineering & Technology, Davangere, Karnataka, Organized by Foundation for Advancement of Education and Research and sponsored by Zebra Technologies, Bangalore.

- Organized for Student Induction program from 2018-19 and 2019-20.
- Organized Student Induction Program Phase I for First Year students from 01-08-2019 to 10-08-2019
- Organized National Mathematics Day in the Department of Mathematics, BIET on 28.12.2019.
- Organized Student Induction Program Phase II for First Year students from 10.-02-2020 to 15-02-2020
- Organized Two days National level Webinar on “Advances in Mathematical Sciences and its Applications in Engineering and Research (AMSAER)-2021” by Department of Mathematics, Bapuji Institute of Engineering & Technology, Davangere, Karnataka on 11th and 12th July 2021.

RESPONSIBILITIES:

Worked as:

- Member of ISTE BIET Faculty Chapter
- Asst. Coordinator for VTU Valuations December-January 2018 at BIET Valuation Centre, Davangere

SUBJECTS TAUGHT:

Engineering Mathematics I , Engineering Mathematics II , Engineering Mathematics III , Engineering Mathematics IV, Advanced Mathematics I , Advanced Mathematics II , Applied Mathematics (M. Tech), Statistics & Probability, Biostatistics and Bio-modeling, Discrete Mathematical Structures for Bio-Technology, Calculus and Linear Algebra, Advanced calculus and Numerical methods, Transform calculus, Fourier series and Numerical techniques, Complex Analysis, Probability and Statistical methods.

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