DR.PRANESH KULKARNI

M.Sc., M.Phil. MED, Ph.D.

pranesh@tjohngroup.com

21 years of Academic Experience

Passionate mathematics educator with over **21** years of teaching experience **in Degree and** engineering colleges. Holds a Bachelor's and Master's degree in Mathematics from **SRK** College (affiliated with **Gulbarga** University), an M.Phil. **From SV College** (affiliated with **Tirupati** University), and a Doctorate in **Ph.D., in Methods of education from Magadha University of Bihar**,. Skilled in presenting mathematical concepts in a clear, simple, and engaging manner. Actively stays updated with advancements in the field and enjoys engaging with students on contemporary topics and real-world applications of mathematics

. Areas of expertise (subjects handled):

- Data science
- Quantum Theory
- Graph Theory and Combinatory
- Discrete mathematical Structures
- Complex Analysis, Probability & Statistical Methods
- Transform Calculus, Fourier Series and Numerical techniques
- Engineering Mathematics I
- Engineering Mathematics II
- Probability & Statistics
- Fluid Dynamics

FDP & Conferences attended:

- National conference on Recent Advances in Applied Mathematics NCRAAM-2014
- International Journal of Advance Research and Development- Development of Green Marketing in India –volume 3,issue2-february-2017
- Shan lax international Journal of Commerce UGC Approved no.44120

- Attended Two Days Exposure visit of CBSE School Leaders in VTU -5 JULY 204

List of Publications

Journal Papers

- *Innovation, Entrepreneurship and start-Ups for Economic Transformation-Trends, Opportunities and Challenges premix foundation –in 2018*
- Protecting students At-Risk –promoting psychological safety in schools (ICTRC) ICTRC/SSPKA/27062023 in 2023
- *National Conference on Advancements of Science, Technology, Engineering, and Management* Analysis of infinitesimal Calculus and Development of ability to solve problems (IJSRED).
- Analysis of Classical Special Beta & Gamma functions in Engineering Mathematics and Physics. (LPS). International Journal of Science and Research (Lattice Science Publication (LSP) ISSN 2582-8932 (online)
- International Journal for Multidisciplinary Research (IJFMR) E-ISSN: 2582-2160 ● Website: www.ijfmr.com ● Email: editor@ijfmr.com Designing and Development of Graph Theory and its Application in Engineering Mathematics. Dr. Pranesh Kulkarni
- Theoretical Foundations and Optimization Techniques for Learning Mathematics in Data Science AJMCM vol.3N O.616161

Research Guidance

H.CHANNABASAPPA, Rayleigh-Reynard convection in a thermally modulated fluid saturated porous layer**)** -2010

Membership

1. Life Member, Centre for Teacher Accreditation (CENTA)
   1. Life Member, Indian Society for Technical Education.

   2. Life Member, Teacher Tribe. World and Skillablers (Teacher TRIBE)

   3. Life Member, ISMCC Mumbai

4. Life Member, SCHOOL INNOVATION COUNCIL GOVERNMENT OF INDIA.
5. Life Member; Shan lax international Journal of Commerce.

Awards /Fellowship

- Scientist of the Year -2020, by FUN 2 LEARN AN ISO 9001;2015 Certified institute
- BEST CED SPEAKER 2016 by Global Talk Education Foundation, New Delhi.
- Best Poster Presentation award in the International Conference held at National Institute of Technology Hyderabad with CENTA 7 - 8 August 2022