


Annexure -23
Faculty Profile a brief Writeup with Maximum 150-200 words

<h1>Faculty</h1>	<p>Mrs Gayathri V Assistant Professor East Point College of Engineering & Technology</p>
	<p>Profile*</p> <p>Mrs Gayathri V holds a Master Degree in Mathematics with the area of specialization Computational Fluid Dynamics, Design and Analysis of Algorithm and Special Function from Bangalore University, Central College Campus Bangalore and B.Sc. in Physics, Chemistry and Mathematics from Govt First Grade College Yelahanka, Bangalore University. She Currently Pursuing her PhD in the field of Computational Fluid Dynamics under Visvesvaraya Technological University, Belgaum.</p> <p>Her Area of Interest and Research is Computational Mathematics and CFD She is currently working at East Point College of Engineering and technology.</p> <p>A dedicated, passionate teacher with more than 04 years of experience in Academic and Administrative roles. She has published 01 publications in Peer reviewed and refereed Journals, and presented papers in Conferences. She has Successfully completed 02 NPTEL Courses.</p> <p>She has Applied for FDP on Computational Fluid Dynamics: Application and Analysis using NASTRAN under VGST with funding amount of 3 Lakhs.</p>
	<p>Publications</p> <p>Journals</p> <ul style="list-style-type: none"> <input type="checkbox"/> Application of variational homotopy perturbation method for Schrodinger equation, IJSRST, Vol. 8, Issue 2, Jan 2021, pp 79-84 <input type="checkbox"/> An overview: The Dispersion Theory Applied to the Mathematical Modelling of the Atmospheric Pollution, EPGI Journal, 2022 <input type="checkbox"/> Application of variational homotopy perturbation method for Newell-whitehead-Segel equation, EPGI Journal-Aug-2023 <p>Conferences</p> <ul style="list-style-type: none"> <input type="checkbox"/> Variational Homotopy Perturbation for Solving some initial Boundary value problems, International Virtual Conference on progress in Mathematics towards Industrial Applications, Proceedings of PMTIA-2022, PP-169 <input type="checkbox"/> Solution of the homogeneous and non-homogeneous diffusion-convection problem by Laplace transform of homotopy perturbation method, ICMTA-2023 (Communicated for Possible Publication in International Journal) <input type="checkbox"/> Solution of Schrodinger equation using variational Homotopy Perturbation Method, International Conference on Modelling, Simulation and Optimisation of Energy systems (MSOES-2023). <input type="checkbox"/> Solving the Diffusion Equations by Laplace Transform of Homotopy Perturbation Method, RAAS-2023, ISSN-978-81-951171-1-6 <p>Achievements / Awards / Recognitions</p> <ul style="list-style-type: none"> <input type="checkbox"/> IQAC, NBA & NAAC Coordinator
	<p>FDP & TRAINING</p> <ul style="list-style-type: none"> <input type="checkbox"/> 5-days FDP on Advanced and Technical Computing with MATLAB- Presidency University <input type="checkbox"/> Faculty Training Programme on Entrepreneurship Development – Govt of Karnataka , SAP & Seventh Sense <p>MOOC Courses, NPTEL Course Completion</p> <ul style="list-style-type: none"> <input type="checkbox"/> Mathematical Methods and its Application, JAN-APR 2020

	□ Transforms and its Applications in Differential Equations, JAN-APR 2020
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