

Annexure-23

Faculty Profile/brief Writeup with Maximum 150-200 words

Faculty	<p>Dr. G Maruthi Professor & Head Department of Physics East Point College of Engineering & Technology</p>
	<p>Profile*</p> <p>Dr. G .Maruthi has obtained his Ph.D from JNTU, M.Sc degree in PHYSICS from S.K.University and B.Sc degree from Bangalore University.</p> <p>Dr.G Maruthi. has more than 28 years of teaching experience in engineering colleges.He is passionate about teaching Physics for undergraduate and graduate students. He has more than 10 years of research experience in the field of crystal growth and characterization. He has been involved in the colabative research work with researchers from other universities and colleges. He has published research papers in national and international peer reviewed journals. His research intrest is in the field of Nonlinear optical materials. Many papers are published on Second harmonic generation efficiency and other properties of NLO materials like amino acids doped into KDP materials. He has research interest in the field of dosimetric material applications also. papers are published on dosimetric applications of rare earth doped ternary alkali halide crystlas. He has attented many international and national conferences and presented papers. He has attended many workshops, seminars and faculty development programs . He is also the member of the board of studies for many engineering colleges. He is the member of board examination for VTU, Belagavi, Karnataka. He has chaired the sessions in many international conferences.</p>
	<p>Publications</p> <p>Books</p> <p>.</p> <p>Journals</p> <ol style="list-style-type: none"> 1. G.Maruthi and R. Chandramani, "Microhardness And Dielectric Studies of Ternary Mixed Alkali Halide Crystals Grown by Aqueous Solution Method" Archives of Physics Research, ISSN 0976 – 0970, 2 (2), 2011, 134-141. 2. G.Maruthi and R. Chandramani, "Synthesis of solution grown efficient semi organic NLO crystals for short wave length generation L-Arginine, L-Histadine with additives" RASAYAN Journal of chemistry, ISSN 0974 – 1496, 4(2), 2011, 280-284. 3. G.Maruthi and R. Chandramani, "Investigations on Non Linear Optical Crystal ADP, Doped with Inorganic Compounds" International Journal of ChemTech Research,ISSN : 0974 – 4290, 3 (2), 2011, 853-857. 4.G.Maruthi and R. Chandramani "Thermoluminescent Dosimetric Characteristics of Irradiated Ternary Alkali Halides Doped with Lanthanum" American Institute of Physics conference proceedings 1512, 2013, 886 – 887. 5.G.Maruthi "Comparative study of dielectric properties of Ternary Alkali Halide crystals" International Journal of ChemTech Research,ISSN : 2455 – 9555, 12 (4),2019, 24-29.

	<p>6.G.Maruthi ,Anthelmintic and Antibacterial studies studies of Zinc Oxide NPs :Synthesized using dragon fruit juice as novel fuel. ELSEVIER ,Journal homepag :www.elsevier.com/locate/matpr.</p> <p>7. Study of non linear optical properties of inorganic compound doped ADP crystals G.Maruthi,International journal of scientific Research in Science and technology, ISSN : 2395 – 602X/2395 -6011.</p> <p>9. Anthemintic and antibacterial studies of Zinc oxide NPs : Systhesized using Dragon fruit juice as novel fuel.Dr.G.Maruthi ,T D Putturaju ,M Manjunath .</p> <p>10. Structural. Physical and optical properties of lead boro-tellurite glasses doped with europium trioxide. G. V. jagadish Gowda, Devaraj, G Maruthi et.al Rasayana journal of Chemistry.</p>
	<p>Magazines</p>
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	<p>Conferences</p> <ul style="list-style-type: none"> ● Presented paper in the 57 th DAE, Solid State Physics Symposium held at IIT Bombay ● Presented paper in the International conference, Recent trends on Advanced materials, held at VIT vellore ● Participated in the Two Days National Conference on “APPLIED SCIENCES SYNERGISING THE ENGINEERING AND TECHNOLOGY (ASSET2021)” held on 18th and 19th Jan, 2021 at EPCET Bengaluru. ● Participated in the one day National Conference on “Recent Advancements in Applied Sciences (RAAS-2023)”. held on 29th Jul, 2023 at EPCET Bengaluru.
	<p>Achievements/Awards/Recognitions</p>
	<p>· VTU Physics BOE member for the academic year 2022-23</p>

