||Jai Sri Gurudev ||

S J C Institute of Technology, Chickballapur – 562 101

RESUME

Name	Dr. Krushitha Shetty
Date of Birth	12.03.1990
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Department / Discipline	

Educational Qualifications

Exam Passed (Pl. Tick)	**Institution | University**	**% & Class Obtained**	**Year**
Degree: B.E	Alva's Institute of Technology	71% Distinction	2012
PG: M.Tech	VIAT, Mudenahalli	73% Distinction	2015
Higher: PhD	VIAT, Mudenahalli	Awarded	2022

Experience

Nature of Experience	**No. of Years**
Teaching	3
Industry/Research	3
Total No. of years of Experience	6

Experience Details

Designation	**Institution/ Organization**	**Duration**
Assistant Professor	SJCIT, Chickballapur	22/08/2022 To Present
Junior research fellow	East West Institute of Technology	1 year
Research Assistant	Dayananda Sagar College of Engineering	2 years
Lecturer	Alva's Institute of Technology	1 year

Awards and Achievement

1. Best Oral presentation award in International conference on Environment, Water, Agriculture and Health -2020 at Hindu college University, Delhi.

2. Got designated to work in ISRO Respond Project in 2018.

Areas of Research Interest & Guidance	Thin films, Energy storage devices, Nanotechnology, Carbon Nanotubes
Distinctions/Awards Received	Best Oral presentation award in International conference on Environment, Water, Agriculture and Health -2020 at Hindu college University, Delhi. Distinctions in SSLC, BE, M.Tech
National/ International Work Shops/ Seminars / Conferences Attended	14
No. of Papers Presented/ Books Published	12 (Papers Presented)
	1) "In-situ preparation of silk-cocoon derived carbon and LiFePO4 nanocomposite as cathode material for Li-ion battery" titled manuscript is published in Ceramic international. doi.org/10.1016/j.ceramint.2022.04.336. **2)** "Study of Green and Chemical Methods for Synthesis of Nano Spinel MgFe2O4 and its Study on Degradation of Rose Bengal Dye" titled manuscript is published in Asian journals of chemistry, 32 (3), (2020) 501-507. **3)** "Fabrication of MgFe2O4-ZnO nanocomposites for photoelectrocatalysis of organic pollutants under solar light radiation" titled manuscript is published in Asian journals of chemistry, 31 (12), (2019) 2995-3003. **4)** Comparison Study of Solgel and combustion method for Synthesis Nano Spinel MgFe2O4 and its Influence on Electrochemical Activity" titled manuscript is published in materials today proceedings of Elsevier publication 5(10), (2018) 22362-22367. **5)** "Acid activation of Bentonite clay under Microwave irradiation: Characterization, Cyclic Voltammetry and Photocatalytic activity" titled manuscript is published in materials today proceedings of Elsevier publication 5(10), (2018) 22643-22651. **6)** "Characterization, Cyclic Voltammetry and Photocatalytic studies of MgO nano powder; synthesized by green mediated route" titled manuscript is published in materials today proceedings of Elsevier publication 5(10), (2018) 22221-22228. **7)** "Designing MgFe2O4 decorated on green mediated reduced graphene oxide sheets showing photocatalytic performance and luminescence property" original article is published in Physica B journal 507 (2017) 67-75. **8)** "Mg dependent Sunlight photocatalytic performance of Nickel ferrite synthesized by a green sol-gel route" titled manuscript is published in Journal of Science: Advanced Materials and Devices (2018) doi.org/10.1016/j.jsamd.2018.12.002 **9)** "Novel Aloe Vera assisted synthesis of ZnFe2O4 decorated on green reduced grapheme oxide: Excellent Luminescence property, Sunlight photocatalysis and enhanced latent fingerprint detection" Manuscript is published in Arabian Journal of Chemistry (2017) doi.org/10.1016/j.arabjc.2017.11.016. **10)** "Role of MgFe2O4 and Ag doped MgFe2O4 Nanoparticles for enhanced photocatalytic performance: Synthesis and Characterization" manuscript is published in materialstoday proceedings of Elsevier publication 4 (2017) 11864–11872. **11)** "A comparative study on CuFe2O4, ZnFe2O4 and NiFe2O4; Morphology, Impedance and Photocatalytic studies" manuscript is published in materials today proceedings of Elsevier publication 4 (2017) 11806–11815. **12)** "Synthesis and Characterization of As-formed MnFe2O4 nanoparticles: A comparative study of their anti-bacterial activities" manuscript is published in materials today proceedings of Elsevier publication 4 (2017) 11902–11909.

Date: 10.09.2022

Signature of the Candidate