K. S. INSTITUTE OF TECHNOLOGY

#14, Raghuvanahalli, Kanakapura Road, Bangalore-560109.

Faculty Name	DR. KIRAN KUMAR S.R
Designation	ASST. PROFESSOR
Educational Qualification	MSC, P. hd.
Experience in Years	Teaching: 11 YEARS 1 MONTHS Industry : -
Areas of Interest	Physical Chemistry, Nanotechnology
E-mail	kirankumarsr@ksit.edu.in

Educational Details

Examination/ Degree	College / University	Year of Passing
UG	Sahyadri Science College, Shimoga, Kuvempu University, Karnataka.	2007
PG	DOS in Chemistry, Kuvempu University, Shankaraghatta, Shimoga, Karnataka.	2009
PhD	Department of Chemistry, Kuvempu University, Shankaraghatta, Karnataka.	2019

Publications

Journal Publications:

1. Synthesis and Characterization of Copper Oxide Nanoparticles: To Study Voltammetric Response of Biomolecules.*"* S.R Kiran Kumar **,** Springer- ISSN 1068-3755, Surface Engineering and Applied Electrochemistry, 2016, Vol. 52, No. 5, pp. 469–474.

2. Highly efficient multipurpose graphene oxide embedded with copper oxide as nanohybrid for electrochemical sensors and biomedical applications" S.R Kiran Kumar Published in Elsevier - Journal of Science: Advanced Materials and Devices. (DOI: 10.1016/j.jsamd.2017.08.003)

3. Synthesis and characterization of ZnO nanorods for Voltammetric detection of Dopamine, Folic acid and Paracetamol", S.R Kiran Kumar, Journal of Chemical, Biological and Physical Sciences Section-A, (Chemical Sciences) JCBPS; Section A; November 2017 – January - 2018, Vol. 8, No. 1; 028-039. E- ISSN: 2249 –1929 [DOI: 10.24214/jcbps.A.8.1.02839.]

Conference Papers:

1. Electrochemical Studies of Dopamine at Titanium di-oxide nanoparticles Modified Carbon Paste Electrode A Cyclic Voltammetric Study''- Kiran Kumar.S.R, International Conference ICCSEM-13, Dayanand Sagar Group of Institution held on January 27th to 29th 2013, in Bengaluru.

2. Adsorptive removal of Hg (II) Ions fro Aqueous solution on NiO nano particles prepared from hydrothermal method; Equilibrium, Kinetics and thermodynamic study Kiran Kumar.S.R International Conference on Nano Science & Engineering Applications Hyderabad ICONSEA-2014 ISBN NO: 978-81-924726-2-1.

3. Synthesis and Characterization of copper oxide Nanoparticles: To study voltammetric response of dopamine and ascorbic acid, S.R Kiran Kumar**,** National conference on Advanced Functional Materials (AFM-2015) Dayanand Sagar Group of Institution Bengaluru. ISBN: 978-93-85682-04-9.

4. Synthesis of Nano-composites and its application in modified carbon paste electrode for electrochemical detection of Biomolecules", Oral presentation in the International conference on Materials and Comutational intelligence organised by REST Society for Research international and SRIEIT, Goa on 28-29th Septemper 2018.

Awards

1. Awarded Excellent young Scientist in Nanotechnology and Elecctrochemistry by International RULA Awards of the year 2019 Powered by World research council and United Medical Council.

2. Best oral award for the paper entitled Copper oxide nanoparticles at National conference, NCCCSTM-2016, DSATM, Bengaluru ISBN: 978-93-84935-97-9.

3. Best Research Paper award for the paper entitled 'Review of Nano-materials in the National conference on NCCAST – 2017, KSIT, Bengaluru, ISBN; 978-81-929425-4-4.

Professional Membership

1. The Society of Indian Society for Surface Science & Technology.

2. Indian Crystallographic Association.

3. World Research Council.

Contact Details

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