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Google Scholar:

<https://scholar.google.com/citations?user=ul2QiUkAAAAJ&hl=en>

Research Gate:

https://www.researchgate.net/profile/Shravana-Kumara-Kn?ev=hdr_xprf

SCOPUS:

<https://www.scopus.com/authid/detail.uri?authorId=57196705343>

PUBLONS ID:

<https://www.webofscience.com/works/author/record/AAX-4936-2020>

Dr. Shravana Kumara K N

Assistant Professor in Chemistry

Faculty

Faculty of Basic and Applied Sciences

School / Program

School of Chemical and Biological Sciences /
B.Tech.

Faculty Introduction

Dr. K. N. Shravana Kumara, M.Sc., B.Ed., Ph.D. is a passionate chemist specializing in nanomaterials, electrochemistry, and environmental chemistry. He earned his Ph.D. from Bharathiar University for his work on nanomaterials for industrial applications. Dr. Shravana Kumara has published several national and international research papers and actively contributes to green synthesis and sustainable material research. He is also a lifetime member of esteemed professional bodies including the Electrochemical Society of India.

Qualifications

Ph.D. (Chemistry)

Bharathiar University, Tamilnadu, 2022

M. Sc. (Chemistry)

Kuvempu University – Shimoga, Karnataka, 2010

B. Sc (PCM)

Kuvempu University, Shankaraghatta, Shimoga, 2008

Experience

Teaching

- 2 Years at Government Science College
- 4 Years at The National college Jayanagara Bangalore
- 1 Year at Presidency PU college Hebbala Bangalore
- 6 Years in Maharani Lakshmi Ammanni College for Women autonomous Malleshwaram Bangalore

Industry

Research

Training Program Attended

- Participated in Two days training on Video editing and content development for LMS tools using AI held on 14th and 15th March 2025 in Maharani Lakshmi Ammanni College for Women Autonomous in association with Samyan Foundation.
- Participated in Three days “All India Training program on Industrial Metal Finishing and Allied Technologies for Aerospace & Automotive Industries” conducted by The Electrochemical Society of India during January 9-11th 2025 at KI Vasu Auditorium Material science department IISc-12.

Research Interest

- Electrochemistry, corrosion.
- Battery Technology.
- Nano technology.
- Material Science.
- Sensors.

Awards & Achievements

- Best poster presentation (Second) in 4th International Conference on Science, Agriculture and Technology ICSTS-2019 Bengaluru.

Publication / Patents

- **Ph.D. Dissertation:** “Synthesis and characterization of Nanomaterials for Different Industrial Applications” from Bharathiar University December – 2022.
- **National Conference Papers:**
- **National Journal Papers:**
- **International Journal Papers: 16**

Professional Membership

- Life-Time member for “Electrochemical Society of India” IISc Bengaluru. (Member ID: 313)
- Life-Time senior member for “The Asia Society of Researchers” (ASR), 7/F, SPA Centre, No.53-55, Lockhart Road, Wan Chai, Hong Kong (Member ID: R219033101).

- Life-Time member for “Teaching and Education Research Association” (TERA), B-305, World Trade Park, JLN Road, Jaipur – 302017, Rajasthan, India (TERA-M191016).
- Academic member of International Association of Advanced Materials, Teknikringen 4A, 583 30 Linkoping, Sweden (Membership Number: 86211914364).
- InRes Young Researcher Award 2021 & life time membership (Life Member LM082113) from InRes on January 2022.

Awards & Recognitions

- InRes Young Researcher Award 2021 & life time membership from InRes on January 2022.
- IJMTST Award of Excellence in Research 2022.

Administrative Responsibilities

- Course coordinator for CSE

Workshops / FDPs / Seminars Attended

- Attended **International Year of Physics 2005** State level Conference on Contribution of Einstein to physics and mankind Organized by Dept. of Physics, SJM College of Arts Science & Commerce, Chandravalli, Chitradurga.
- Participated from SJM College, Chitradurga in Degree college student level Science Exhibition-competition held at D.V.S. Arts & Science College, Shimoga.
- Attended State level Conference on **“Nano materials and their applications”** Organized by Department of Chemistry, SJM College of Arts Science & Commerce, Chandravalli, Chitradurga.
- National Seminar on **“Nano- Chemistry, Green-Chemistry and Spectroscopy”** by Department of Chemistry, D.R.M Science College Davangere. May 13th, 2009.
- State level Conference on **“NANOTECHNOLOGY”** by Department chemistry, M.B.R. College Sirigere. August 14th 2009.
- VTU-VGST Faculty Development programme on **“Micro Nano Technology in Small Satellites”** from 19th -22nd,

August 2013 organized by East West Institute of Technology, Bangalore-91.

- State level Seminar on “**ELECTROCHEMISTRY AND RENEWABLE ENERGY**” By Department of chemistry, S.J.R. College, Bangalore-9.
- National seminar on “**Emerging Trends in chemical and Pharmaceutical Sciences**” Organized by Department of chemistry Biochemistry held at Government Science College Bengaluru on 12th -13th November 2014.
- Two-day national conference on “Advanced Nanotechnology and its Applications (**NCOANA 2015**)” held at Maharani’s College for Women, palace Road, Bengaluru on 22nd- 23rd January 2015.
- One day National conference participation on “**Applied science& Humanities**” organized by K.S. School of Engineering and Management, Mallasandra, Kanakapura road, Bengaluru.
- Two days national conference on “**Ethical Issues in Scientific Writing**” held at Maharani’s College for Women, palace Road, Bengaluru on 3rd -4th September 2015.
- Three days 4th International Conference on Science, Agriculture and Technology
- **ICSTS-2019** at East West Institute of Technology, Bengaluru on 13th to 15th May. Two days’ Workshop on Environmental challenges in metal Finishing-2019.held at Choksi Hall IISc Bengaluru on 12th and 13th April 2019.
- Two days online “**Training Program on Industrial Corrosion & Control**” Organised by The Electrochemical Society of India IISc Bengaluru, during 16-18th December 2021.
- Participated in Two days “**The National Symposium on Electrochemical Science and Technology NEST-2021**” on 24-25th June 2022 Organized by The Electrochemical Society of India and Department of Inorganic Physical Chemistry IISc, Bengaluru, India.
- Participated in one day Workshop on **Yardsticks of Manuscript Writing** on 6th March 2024 at mLAC Bengaluru-12
- Participated in International conference on **Advanced Materials for Sustainable Technologies (ICAMST-2024)** jointly organized by Ramaiah Institute of Technology, Bengaluru & Kings Mongkut’s University of technology North Bangkok at MSRIT Bengaluru-54 during 22nd & 23rd August 2024.
- Participated in “**Third International Conference on Electrochemical Science and Technology-2024**” held during 18-20 September 2024, Organized by CSIR-National



Physical Laboratory and The Electrochemical Society of India IISc campus Bengaluru-12.

Workshops / FDPs / Seminars Organized

- International Conference on Advances in Science and Engineering (ICASE – 2017) held at East West Institute of Technology, Bengaluru, January 19th, 2017.
- Organiser in the "IPR Awareness workshop" on "Overview of Intellectual property rights and patent filing procedure" organized by Maharani Lakshmi Ammanni College for Women, Bengaluru, and supported by KSCST, GoK, Dated 03-06-2023.
- Organiser in A hands-on Workshop cum lecture on "Copyrights Patent and Hands on session on Prior arts" at Maharani Lakshmi Ammanni College for Women Autonomous, Malleshwaram, Bengaluru – 560012. In Association with KSCST, GoK on 06/07/2023.
- Organiser in talk on Entrepreneurship proposal writing on 13/07/2013. at Maharani Lakshmi Ammanni College for Women Autonomous, Malleshwaram, Bengaluru – 560012. In Association with KSCST, GoK on 06/07/2023.

Projects Guided

- PG Projects: 04

Funded Projects / Grants Received

Any Other Contributions