

APPLICATION FOR THE POST OF ASSOCIATE PROFESSOR OF CHEMISTRY

Dr. K. SHIRISH KUMAR

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SUMMARY

Consistently strive to create a challenging and engaging learning environment in which students become life-long scholars and learners. Motivating and talented Chemistry Associate Professor driven to inspire students to pursue academic and personal excellence. Exceptional track record of academic and research success with awards, published books, and articles.

OBJECTIVE

Looking to secure a College Professor position that will allow an individual with 15 years of teaching experience to display exceptional communication, teaching, interpersonal, and leadership abilities.

SKILLS

- Excellent verbal skills, along with a demonstrated ability to collaborate with students, faculty, staff, other institutional colleagues and peers, as well as the public.
- Proven experience in college-level teaching.
- Ability to design and develop curriculums.
- Proven record of ongoing professional development.
- Evidence of potential for excellence in mentoring undergraduates.
- Excellent advising skills.
- Ability to create and execute community-focused service-learning activities.
- Strong Leadership skills.
- Motivated and self-driven.
- Good at Listening skills with quick adaptability for new methodologies.
- Good Analytical Skills.
- Enthusiastic team player.

EDUCATION

- ❖ Ph. D from Osmania University under the supervision of Prof. T. Parthasarathy, Dean Development and UGC affairs, Osmania University, Hyderabad in 2017.
- ❖ APSET qualified in the year 2012 held on 27th July 2012 conducted by Osmania University, Hyderabad.
- ❖ M.Phil. in Chemistry from VM University in 2008.
- ❖ M.Sc. Organic Chemistry from Osmania University, Hyderabad in 2006.
- ❖ B.Sc. (MPC) from Kakatiya University, Warangal in 2003.
- ❖ Inter in 2000.
- ❖ S.S.C in 1997.

PROFESSIONALEXPERIENCE

Teaching Experience: 15+ Years

- Working as an Incharge HOD, H&S Dept., Subject Incharge of Chemistry, Associate Professor, UGC affairs coordinator, Board of studies Chairman (Chemistry), Model United Nations (MUN) and Eco-club faculty coordinator in Vignana Bharathi Institute of Technology, Aushapur from September 2014 to till date.
- Worked as an Associate Professor & HOD, H&S in S.V. College of Engineering & Technology, Eathabarpally, Moinabad (M) from August 2009 to 2014.
- Worked as a lecturer in Princeton degree & P.G College, Ramanthapur, Hyderabad, during 2006-2009 & taught for degree & P.G students.
- During 2006-2009 worked as a part-time lecturer in Princeton college of engineering & technology & Princeton college of pharmacy & took classes for B. Tech I year students (Engineering Chemistry) & B. pharm I year students (Organic chemistry)
- During 2006-2009 worked as a part-timer in Amaravati IIT foundation, Secundrabad.

RESEARCH EXPERIENCE

15 years, Working mainly on the following area,

“Synthesis, Spectrophotometric studies, Spectral Characterization and *In silico* studies of CT-Complexes of Bio-Active Molecules with Iodine”.

PATENTS

“METHOD AND SYSTEM FOR IMPLEMENTING DRY ELECTRODE MANUFACTURING TECHNIQUES FOR EFFICIENT LITHIUM-ION BATTERIES” – Patent No. 202141053758 - Publication Date: 10/12/2021, Publication number: 50/2021, India.

PUBLICATIONS

- ❖ Spectrophotometric and computational studies of CT complexes of Heterocyclic non-steroidal anti-inflammatory drugs with iodine as σ Acceptor **Shirish Kumar Kodadi** *, Swetha Kovuri, Journal of Molecular Structure Volume 1202, 15 February 2020, 127271, pp 1-18, <https://doi.org/10.1016/j.molstruc.2019.127271>. Elsevier Publication.
- ❖ In Silico Studies of Charge Transfer Complexes of 6-(Trifluoromethyl)furo[2,3-b]pyridine-2-carbohydrazides with Iodine as σ -Acceptor **Shirish Kumar Kodadi**, Parthasarathy Tigulla Advances in Intelligent Systems and Computing pp 755-770 DOI 10.1007/978-981-13-0617-4_71, 12 August 2018, Springer Publication.
- ❖ Synthesis, Spectroscopic and Computational studies of CT Complexes of Amino Acids with Iodine as σ – acceptor, **Shirish Kumar Kodadi**, Parthasarathy Tigulla *J. Sol. Chem.* 46:1364–1403. DOI 10.1007/s 10953-017-0643-6, 1 July 2017, Springer Publication.
- ❖ Synthesis, Spectrophotometric, Thermodynamic and Spectroscopic studies of complexes of novel crizotinib with 2,6-dibromoquinone-4- chlorimide as π – acceptor, **Shirish Kumar Kodadi**, Swetha Kovuri 2019 Jetir June 2019, volume 6, issue 6 (Issn-2349-5162) pp 874-887
- ❖ Experimental and Computational Study of studies of Thienopyridine Derivatives, **Shirish Kumar Kodadi**, Srikanth Chandhupatla & Vikranth Gangone, Jetir March 2022, Volume 9, Issue 3 (ISSN-2349-5162) pp 130-147
- ❖ Experimental and Computational Study of β -Aminoketone Analogues, **Shirish Kumar Kodadi**, Srikanth Chandhupatla & Vikranth Gangone, Jetir, March 2022, Volume 9, Issue 3 (ISSN-2349-5162) pp 782-797
- ❖ Spectrophotometric Determination of 6-(Trifluoromethyl)-furo [2,3-b] pyridine-2-carbohydrazide Derivatives using Iodine in Water, **K. Shirish Kumar**, S. Kalyani, M. Ramesh, and T. Parthasarathy, *Chem Sci Trans*, 3(1), 382-388, DOI:10.7598/cst2013.605 (2013). pp 382-388
- ❖ Spectrophotometric and Spectroscopic study of CT reaction between Crizotinib and NBS, **shirish kumar kodadi***, srikanth chandhupatla & vikranth gangone, *international journal of special education* (under review)

BOOKS AUTHORED

- ❖ Authored a Book entitled “Engineering Chemistry Laboratory Manual”, *KINDLE PUBLICATIONS*, Washington (United States), Kindle Format ASIN/ISBN: B08H2GJB28, Paperback Format: ISBN: 979-8681298373.
- ❖ Authored a Book entitled “A Comprehensive Study on Antioxidant Activity of Bio-Active Molecules: In vitro and In silico Studies”, *KINDLE PUBLICATIONS*, Washington (United States), Kindle Format ASIN/ISBN: B08FNFS7VV, Paperback Format: ISBN: 979-8674487210.

- ❖ Authored a Book entitled “**A Comprehensive Study on Antioxidant Activity of Bio-Active Molecules: In vitro and In silico Studies, Second Edition**”, *KINDLE PUBLICATIONS*, Washington (United States), Kindle Format ASIN/ISBN: B08GQJ4Y29, Paperback Format: ISBN: 979-8679573178.
- ❖ Authored a Book entitled “**Synthesis, Spectrophotometric, Spectroscopic and Computational Studies of Charge Transfer Complexes of Anticancer agents**”, *KINDLE PUBLICATIONS*, Washington (United States), Kindle Format ASIN/ISBN: B08FBX89CV, Paperback Format: ISBN: 979-8672862576.
- ❖ Authored a Book entitled “**Spectrophotometric and Spectroscopic studies of Novel anti-cancer drug**”, *SCHOLAR'S PRESS PUBLICATION*, Germany, ISBN: 978-613-8-93845-3, European Article Number (EAN): 9786138938453.
- ❖ Authored a Book entitled “**In vitro Bioassay, QSAR and Docking studies of Anticancer Biomolecules**”, *SCHOLAR'S PRESS PUBLICATION*, Germany, ISBN: 978-613-8-94040-1, European Article Number (EAN): 9786138940401.
- ❖ Authored a Book entitled “**A Detailed Docking Study Of 1,3-Diazacyclopenta-2,4-Diene Derivatives**”, *SCHOLAR'S PRESS PUBLICATION*, Germany, ISBN: 978-3-330-65245-3, European Article Number (EAN): 9783330652453.
- ❖ Authored a Book entitled “**In Silico studies of Charge Transfer Complexes of Bio-Active molecules**”, LAP *LAMBERT Academic Publishing*, Germany, ISBN:978-620-2-51224- 4, European Article Number (EAN): 9786202512244.
- ❖ Authored a Book entitled “**A Comprehensive Study on Charge Transfer Complexes of Amino Acids**”, LAP *LAMBERT Academic Publishing*, Germany, ISBN: 978-620-3-92287-5, European Article Number (EAN): 9786203922875.
- ❖ Authored a Book entitled “**A Comprehensive Docking Study of Antifungal Agents**”, LAP *LAMBERT Academic Publishing*, Germany, ISBN: 978-620-4-21359-0, European Article Number (EAN): 9786204213590.

ACHIEVEMENTS

- ✓ Received “**Best Faculty Award**” from **International Association of Research and Development Organization (IARDO)**, RACE-Bangkok, Kasetsart University, Chatuchak, Bangkok, Thailand.
- ✓ Received “**International Distinguished Researcher Award**” from **International Institute of Organized Research (I2OR)**, Chandigarh (UT), India.
- ✓ Received “**Young Researcher Award**” from **Institute of Scholars (InSc)** or Institute for Exploring Advances (IEAE) in Science & Engineering, Karnataka, India. 2020.
- ✓ Received “**Emerging Scientist Award**” from **International Scientist Awards on Engineering, Science, and Medicine (INSO)**, Tamilnadu, India. 2022.
- ✓ Completed **UGC Minor Research Project** titled “**Spectrophotometric-Thermodynamic and Molecular Modeling Studies of Novel Crizotinib with NBS and DBQ**” with project number 6946/16 is sanctioned in October 2016, from 15/08/2017 to 07/08/2019.

- ✓ Editor for the Book series “ Futuristic Trends in Chemical, Material Sciences & Nano Technology, Iterative International Publishers (IIP).
- ✓ International Conference on Cognitive Informatics and Soft Computing (ICCISC-2017) sponsored by Springer and IRD India awarded the **Best Presentation** for the paper entitled “Computational studies of CT Complexes of 6-(trifluoromethyl) furo [2, 3-b] pyridine-2-carbohydrazides with Iodine as σ – acceptor”.
- ✓ Have been selected and appreciated as valued **Evaluator** for National Camp Examination of Vidyarthi Vigyan Manthan – India’s Largest Science Talent Search for New India Using Digital Devices (VVM) 2018-19, organized by Vignana Bharathi (VIBHA) in association with Vigyan Prasara, Department of Science and Technology, Govt. of India and NCERT, Ministry of Human Resource Development (MHRD), Govt. of India held on 18th & 19th May 2019 at CSIR-IICT, Hyderabad, Telangana.
- ✓ Received a letter of appreciation by Aurora’s Technological and Research Institute for delivering the **Guest lecture** on the topic named “**Molecular Orbitals and Theories of Bonding**” on 31 October – 2018.
- ✓ Experimental and Computational studies of CT Complexes of Heterocyclic Non-steroidal Anti-inflammatory Drugs with Iodine as σ – acceptor, **Shirish Kumar Kodadi** and Parthasarathy Tigulla, research article has been selected for **Poster Presentation in 105th Indian Science Congress.**
- ✓ Awarded as **Best faculty** for the academic years 2011-2012 and 2012-2013 in SV College of Engineering and Technology.

COURSEERA/NPTEL/OTHER COURSES

- Completed and received a certificate on the topic “**Nanotechnology: A Maker’s Course**” a course authorized by **Duke University, North Carolina State University and The University of North Carolina at Chapel Hill** and offered through Coursera with **91% grade.**
- Completed and received a certificate on the topic “**Nanotechnology and Nanosensors**” a course authorized by **Technion - Israel Institute of Technology** and offered through Coursera with **99.3% grade.**
- Completed and received a certificate on the topic “**Drug Discovery**” a course authorized by **University of California San Diego** and offered through Coursera with **96.8% grade.**
- Completed and received a certificate on the topic “**Chemistry**” a course authorized by **University of Kentucky** and offered through Coursera with **99% grade.**
- Completed and received a certificate on the topic “**Introduction to Molecular Spectroscopy**” a course authorized by **University of Manchester** and offered through Coursera with **91 % grade.**
- Completed and received a certificate on the topic “**Drug Development**” a course authorized by **University of California San Diego** and offered through Coursera with **95.55% grade.**
- Completed and received a certificate on the topic “**Material Science**” a course authorized by **University of California, Davis** and offered through Coursera with **96.2% grade.**
- Completed and received a certificate on the topic “**Leadership and Emotional Intelligence**” a course authorized by **Indian School of Business** and offered through Coursera with **92.5% grade.**

- Completed and received a certificate on the topic **“COVID-19: What You Need to Know (CME Eligible)”** a course authorized by **Osmosis** and offered through Coursera with **100% grade**.
- Completed and received a certificate on the topic **“The Challenges of Global Health”** a course authorized by **Duke University** and offered through Coursera with **96.1% grade**.
- Completed and received a certificate on the topic **“Research Proposal: Initiating Research”** a course authorized by **University System of Georgia** and offered through Coursera with **98.6% grade**.
- Completed and received a certificate on the topic **“Natural Gas”** an online non-credit course authorized by **University at Buffalo and The State University of New York** and offered through Coursera with **95% grade**.
- Completed and received a certificate on the topic **“Successful Career Development”** a course authorized by **University of California, Davis** and offered through Coursera with **100% grade**.
- Completed and received a certificate on the topic **“Bacteria and Chronic Infections”** a course authorized by **University of Copenhagen**, and offered through Coursera with **95.37% grade**.
- Completed and received a certificate on the topic **“Wind Energy”** a course authorized by **DTU Technical University of Denmark** and offered through Coursera with **89.12% grade**.
- Completed and received a certificate on the topic **“Ecology: Ecosystem Dynamics and Conservation”** a course authorized by **American Museum of Natural History** and offered through Coursera with **98% grade**.
- Completed and received a certificate on the topic **“Writing and Editing: Word Choice and Word Order”** a course authorized by **University of Michigan** and offered through Coursera with **97.5% grade**.
- Completed and received a certificate on the topic **“Leading Teams”** a course authorized by **University of Michigan** and offered through Coursera with **100% grade**.
- Completed and received a certificate on the topic **“Teamwork Skills: Communicating Effectively in Groups”** a course authorized by **University of Colorado Boulder** and offered through Coursera with **100% grade**.
- Completed and received a certificate on the topic **“Ecosystem Services: A Method for Sustainable Development”** a course authorized by **University of Geneva** and offered through Coursera with **91% grade**.
- Completed and received a certificate on the topic **“Communication Strategies for a Virtual Age”** course authorized by **University of Toronto** and offered through Coursera with **96.7% grade**.
- Completed and received a certificate on the topic **“Creative Thinking: Techniques and Tools for Success”** a course authorized by **Imperial College London** and offered through Coursera with **97.8% grade**.
- Completed and received a certificate on the topic **“Introduction to Psychology”** a course authorized by **Yale University** and offered through Coursera with **100% grade**.
- Completed and received a certificate on the topic **“Epidemiology: The Basic Science of Public Health”** a course authorized by **The University of North Carolina** and offered through Coursera with **96.73% grade**.
- Completed and received a certificate on the topic **“Fundamentals of Immunology: Death by Friendly Fire”** a course authorized by **Rice University** and offered through Coursera with **99.24% grade**.

- Completed and received a certificate on the topic “**How to Write a Resume (Project-Centered Course)**” a course authorized by **The State University of New York** and offered through Coursera with **100% grade**.
- Completed and received a certificate on the topic “**Converting Challenges into Opportunities**” a course authorized by **University of California San Diego** and offered through Coursera with **93% grade**.
- Completed and received a certificate on the topic “**The Science of Success: What Researchers Know that You Should Know**” a course authorized by **University of Michigan** and offered through Coursera with **100% grade**.
- Completed and received a certificate on the topic “**Project Management: The Basics for Success**” a course authorized by **University of California, Irvine** and offered through Coursera with **99% grade**.
- Completed and received a certificate on the topic “**Grammar and Punctuation**” a course authorized by **University of California, Irvine** and offered through Coursera with **89.45% grade**.
- Completed and received a certificate on the topic “**Communication in the 21st Century Workplace**” a course authorized by **University of California, Irvine** and offered through Coursera with **100% grade**.
- Completed and received a certificate on the topic “**Work Smarter, Not Harder: Time Management for Personal & Professional Productivity**” a course authorized by **University of California, Irvine** and offered through Coursera with **96.43% grade**.
- Completed and received a certificate on the topic “**Drug Commercialization**” a course authorized by **University of California San Diego** and offered through Coursera with **98.63% grade**.
- Completed and received a certificate on the topic “**Successful Presentation**” a course authorized by **University of Colorado Boulder** and offered through Coursera with **97.94% grade**.
- Completed and received a certificate on the topic “**Introductory Human Physiology**” a course authorized by **Duke University** and offered through Coursera with **98.5% grade**.
- Completed and received a certificate on the topic “**Introduction to Project Management**” a course authorized by **Coursera Project Network** and offered through Coursera with **100% grade**.
- Completed and received a certificate on the topic “**Lean Six Sigma White Belt**” from **Management & Strategy Institute**.
- Completed and received a certificate on the topic “**Project Management Essentials**” from **Management & Strategy Institute**.
- Completed and received a certificate on the topic “**Introduction to Peacebuilding**” Course from **United States Institute of Peace**.
- Qualified the NPTEL Exam and received the **Elite certificate** for the course “**Introductory Organic Chemistry**”.
- Qualified the NPTEL Exam and received the **Elite Silver certificate** for the course “**Metals in Biology**”.

GOVERNMENT/TCS CERTIFIED COURSES

- ❖ Completed Nutrition Education Program on “**Basic Nutrition**” POSHAN Abhiyaan E-Learning,

ICMR-NIN Modules, Ministry of Women and Child Development, Government of India & Department of Health Research, Ministry of Health & Family Welfare, Government of India.

- ❖ Completed Nutrition Education Program on “**Immunization**” POSHAN Abhiyaan E-Learning, ICMR-NIN Modules, Ministry of Women and Child Development, Government of India & Department of Health Research, Ministry of Health & Family Welfare, Government of India.
- ❖ Completed Nutrition Education Program on “**Noncommunicable diseases**” POSHAN Abhiyaan E-Learning, ICMR-NIN Modules, Ministry of Women and Child Development, Government of India & Department of Health Research, Ministry of Health & Family Welfare, Government of India.
- ❖ Completed Nutrition Education Program on “**Food Fortification**” POSHAN Abhiyaan E-Learning, ICMR-NIN Modules, Ministry of Women and Child Development, Government of India & Department of Health Research, Ministry of Health & Family Welfare, Government of India.
- ❖ Completed Nutrition Education Program on “**Anaemia**” POSHAN Abhiyaan E-Learning, ICMR- NIN Modules, Ministry of Women and Child Development, Government of India & Department of Health Research, Ministry of Health & Family Welfare, Government of India.
- ❖ Completed Nutrition Education Program on “**Physical Activity-Yoga**” POSHAN Abhiyaan E-Learning, ICMR-NIN Modules, Ministry of Women and Child Development, Government of India & Department of Health Research, Ministry of Health & Family Welfare, Government of India.
- ❖ Completed the **AYUSH Yoga Quiz**, Ministry of AYUSH, Government of India.
- ❖ Completed Quiz on **COVID-19**, MyGov, Government of India.
- ❖ Completed the Massive Open Online Course (MOOC) on “**GST in 90 Minutes**” an Awareness course offered by Sky campus, Digital Learning Initiative of ICT Academy in association with TCS iON.
- ❖ Completed the course “**Communication Skills**” online course offered by TCS iON.
- ❖ Completed the course “**Presentation Skills**” online course offered by TCS iON.
- ❖ Completed the course “**Soft Skills**” online course offered by TCS iON.
- ❖ Completed the Massive Open Online Course (MOOC) on “**GST in 90 Minutes**” an Awareness course offered by Sky campus, Digital Learning Initiative of ICT Academy in association with TCS iON.

FACULTY DEVELOPMENTS/WORKSHOPS

- ❖ Completed UGC sponsored THREE DAY ONLINE WORKSHOP ON “**Online Tools and Software for Remote Teaching-Learning**” organized by **Human Resource Development Centre, JNTUH** during May 16-18, 2020.
- ❖ Completed UGC sponsored THREE DAY ONLINE WORKSHOP ON “**Online Course Design, Development, and Delivery**” organized by **Human Resource Development Centre, the University of Hyderabad** during May 26-28, 2020.
- ❖ Participated in One Week Faculty Development Program on "**Advancements in Science and its Applications in Engineering**" from 22nd to 26th June 2020, Organized by Department of Science & Humanities, Hyderabad Institute of Technology & Management, Medchal, Hyderabad, Telangana State, India.
- ❖ Participated in the five-day online Faculty Development Program (FDP) on “**Domestic and Industrial Water and Wastewater Treatment**” held from 6th to 10th June 2020, organized by the Department of Chemical Engineering, B.V Raju Institute of Technology, Hyderabad.

- ❖ Participated in a Three-day online Faculty Development Programme (FDP) on “**Municipal Solid Waste Management during COVID-19 Pandemic**” organized by the Department of Chemical Engineering, Anurag Group of Institutions, Ghatkesar (M), Medchal (D), Telangana held during 28- 30 May 2020.
- ❖ Actively participated in a one-week online Faculty Development Programme on “**Effective Online Teaching Methods**” from June 8-14, 2020 organized by the Department of Civil Engineering, Dr.N.G. P IT, Coimbatore.
- ❖ Actively participated in the four-day online Faculty Development Program (FDP) on “**Technology towards common Man**” held from 10th to 13th June 2020 organized by Department of Instrumentation and Control Engineering, Sri Manakula Vinayanagar Engineering College, Puducherry.
- ❖ Actively participated in the “Online National Level Faculty Development Programme on **Radiation & Environmental Radioactivity**” organized by the Department of Physics, CSI College of Engineering, Ketti from 3rd - 5th June 2020.
- ❖ Participated in a One Week Faculty Development Program on “**AMPERE-2019**” (**Advancements in Mathematics and Physical Sciences and their Educative Reflections in Engineering**) from 1st to 6th July 2019 conducted by Dept. of Basic Sciences and Humanities, Vignana Institute of Technology & Sciences, Hyderabad, India.
- ❖ Participated in a Two Week AICTE approved Faculty Development Program on “**RESEARCH METHODOLOGY in Management & Social Sciences Using SPSS**” from 20th November 2017 to December 2017, organized by Dept. of Business Management, Vignana Bharathi Institute of Technology, Hyderabad, India.
- ❖ Attended a Workshop on “**Molecular Modeling and Drug Design**”, jointly organized by the Department of Pharmacy and Schrodinger on 18th November 2012 at BITS-Pilani Hyderabad Campus A.P, India.

SEMINARS/CONFERENCES/WEBINARS

- Organized and participated in the Webinar entitled “**Nanoscience and Nanotechnology: Concept of Today – Technology of Tomorrow**”, conducted by the Department of Humanities and Sciences, Vignana Bharathi Institute of Technology, Aushapur, Hyderabad, on 31/05/ 2020.
- Participated in one day National Seminar on “**Recent Advances in Green and Sustainable Chemistry**” on 30 March 2019 Organized by Department of Chemistry, A.V College, Osmania University, Hyderabad, Telangana, India.
- Participated and presented the paper entitled “**Charge Transfer Reaction Of Novel Crizotinib With N-Bromo Succinimide: A Spectrophotometric, Spectroscopic And Computational Study**” in three day International Conference for Development Discourse organized by Research for Resurgence Foundation on 8th, 9th & 10th Feb – 2019 at Hyderabad, Telangana, India, sponsored by UGC, AICTE, NAAC, ICSSR in association with NIN, IICT, CSIR, ICFAI, ICMR, OU, EFL, HCU, etc.
- Participated in a one-day Seminar on “**Challenges and Recent Trends in Chemistry**” on 31st August 2018 Organized by Department of Chemistry, University College of Science, Osmania University, Hyderabad, Telangana, India.

- Participated and presented the paper entitled **“Computational studies of CT Complexes of 6-(trifluoromethyl) furo [2, 3-b] pyridine-2-carbohydrazides with Iodine as σ – acceptor”** in International Conference on Cognitive Informatics and Soft Computing (ICCISC-2017) sponsored by Springer and IRD India, held at Dept. of Computer Science and Engineering & Dept. of Information Technology, Vignana Bharathi Institute of Technology, Hyderabad, India from 20th – 21st December 2017.
- Participated in UGC - Sponsored National Seminar on **“Frontiers in Chemical Research and Analysis”** on 24th and 25th July 2015 Organized by Department of Chemistry St. Francis College for Women Begumpet, Hyderabad, A.P, India.
- Participated in International Symposium on **“Chemistry with Computers”** on 18th and 19th January 2014 Organized by IICT & IIIT Hyderabad, A.P, India.
- Participated in third international science congress conference (ISC-2013) on 8th and 9th December 2013 at Karunya University, Coimbatore, Tamilnadu, India, and also presented the paper entitled **“A Spectrophotometric Antioxidant Bioassay and Molecular Modeling studies of Ethyl 1, 4-substituted-1,4,5,6,7,8-hexahydro-2,7,7-trimethyl-5-oxoquinoline-3-carboxylate derivatives”**.
- Participated in 2nd National Symposium on **“Current Trends in Pharmaceutical Science (CTPS-2012)”** Organized by Department of Pharmacy on 17th November 2012 at BITS-Pilani Hyderabad Campus, A.P, India.
- Participation in the webinar on **“NMR Spectroscopy”** conducted on 24-06-2020, organized by Department of Basic Sciences & Humanities, Vignan's Institute of Management & Technology for Women, Hyderabad.
- Participated in the two-day seminar on **‘MOLECULAR MODELLING’** organized by the Department of chemistry, Saifabad science college, Osmania University, Hyderabad on 26th and 27th April 2010.
- Participated in the National web conference on **“GREEN CATALYSIS AND MATERIAL CHEMISTRY”** organized by Internal Quality Assurance Cell & Department of Chemistry held on 27th May 2020, Anandibai Pradhan Science college, Nagothane, Tal-Roha, Dist: Raigad.
- Actively participated in Webinar on **"Corrosion & Traditional Practices of its Prevention"** Organized by the Department of Humanities & Science (Chemistry), Vaageswari College of Engineering, Karimnagar, Telangana on 13-06-2020.
- Participated in the National Webinar on **“Spectroscopic Methods in Chemistry Research”** organized by Post Graduate & Research Department of Chemistry, PSGR Krishnammal College for Women, Coimbatore on 11th & 12th June 2020.
- Participated in the invited talk webinar on **“Role of Science and Technology”** in the diagnosis of novel Corona Virus (Covid-19) organized by the Department of Sciences held on 10th June 2020, Dr. B. R. Ambedkar College, Osmania University, Hyderabad.
- Actively participated in the Webinar on **“ICT Tools for Teaching and Learning”** on 01-06-2020, organized by Sir Issac Newton College of Education, Chennai.
- Successfully participated in Webinar on the topic **“Role of ICT in the Process of Teaching and Learning in the Digital Era”** held on June 15th, 2020 at 03.00 PM, organized by the Department of English, Baba Ghulam Shah Badshah University, Rajouri, J&K.

- Attended a session on “Rethinking Workplaces in Universities” by Dr. Mrudula Lakkaraju on 16th June 2020 for the Two-Day National Webinar on “**Work culture and Psychological Challenges of student’s post – COVID19**”, A.V College, Hyderabad.
- Participated in National Webinar on “**Creating Virtual Learning Environment**” organized by the Department of Education, Sri Guru Granth Sahib World University, Fatehgarh Sahib, Punjab June 5, 2020.
- Actively participated in World Environment Day Webinar on 5th June 2020 on Theme “**Biodiversity**” organized by Indian water works association, Pune Centre, Maharashtra Jeevan Pradhikaran sinhgad college of engineering, (vadgaon) Pune.
- Successful participation in Online Webinar on “**Landfill: Challenges and opportunities**” Organized by Dept. of Civil Engineering of MVPS’s K.B.T. College of Engineering Held on Saturday, 5th June 2020.
- Participated in National Level Short Term Training Programme on “**Propositions of Soft Skills & their Relevance to Life and Academics**” from 15-17, September 2020, organized by the Department of English (Humanities & Sciences), Balaji Institute of Technology & Science, Narsampet, Warangal Rural, Telangana, India.
- Actively participated in the Webinar on “**The Power of Positive Thinking**” Nothing is impossible” organized by the Department of Civil Engineering, Easwari Engineering College on 29th May 2020.
- Actively participated in the International Webinar on “**How to get Research Grants from UGC, AICTE**” (**Minor and Major Research Projects Application Process**) organized by Mar Baselos Institute of Technology and Science (MBITS) and Mahatma Gandhi University, Priyadarshini Hills, Kottayam - 686 560, Kerala, India on 28th May 2020 .
- Participated in the International webinar on “**Recent Advances in Preclinical Research**” organized by the Department of Pharmacology, Chalapathi Institute of Pharmaceutical Sciences, Guntur, Andhra Pradesh, INDIA in association with SERB (Science and Engineering Research Board), held on 06 th JUNE 2020.
- Attended the Inaugural lecture “**Doing Science with Roots Intact**” by Padma Shri Prof T Pradeep, IIT Madras, of the webinar series “Connecting Inquisitive Minds During Lock-Down” jointly organized by Research & PG Department of Chemistry and IQAC, T. THOMAS COLLEGE (AUTONOMOUS), Thrisstir, KERALA on 25 May 2020.
- Participated in a webinar on “**Patents & Intellectual Property Rights**” dated 10th June 2020, Organized by Department of Civil Engineering, RMD Sinhgad School of Engineering, Warje, Pune.
- Participated in Webinar on the topic “**Contemporary Literary Theories**” held on June 16th, 2020 at 03.00 PM, organized by the Department of English, Baba Ghulam Shah Badshah University, Rajouri, J&K.
- Actively participated in the Webinar “**Model-Based approaches for work Force Management Decisions**” on 6th June 2020, organized by the Department of Instrumentation and Control Engineering, Sri Manakula Vinayanagar Engineering College, Puducherry.

- Participated in the Webinar on “**Decision Making with the Application of Data Mining**” organized by the Department of Mathematics, K. Ramakrishnan College of Technology, Samayapuram, Trichy-62112, on 05-June-2020.
- Actively participated in the Webinar on “**Innovative Approaches in Differential Equations**”, organized by the Department of H&S, Vignana Bharathi Institute of Technology, Hyderabad, on 5th June 2020.
- Participated in the National Level Webinar on “**Artificial Intelligence for All**” Organized by Department of Computer Science and Engineering in association with Findability Sciences Pvt. Ltd. on 14th June 2020.
- Attended the guest lecture on "**Calmness of the mind: the need of the hour**", on 18th September, 2020, organized by SAMWAD, the Counselling Center, VBIT, Hyderabad,
- Participated in the National Level Webinar on "**Exploration of Physical Science and Engineering with Mathematica**" On 6th July 2020 Organized by Department of Basic Sciences and Humanities, Engineering and Technology program.

SOFTWARE EXPERTISE

MS-Office, Use of Softwares: SPSS Chem, Hyperchem, Argus lab, Auto Dock, Chem draw, GOLD (Genetic optimization of ligand docking), GAMESS (General Atomic and Molecular Electronic Structure System) and Origin 6.1 Pro.

PERSONAL INFORMATION

Father's name: K. Rajveer
Mother's name: K. Bhagya Laxmi
Date of Birth: 07 – 08 – 1982
Marital status: Married

ADDRESS FOR CORRESPONDENCE

H. No 2-3-776/19/F/302, Sri Sai Nilayam, Opp: Sai baba temple,
Golnaka, Amberpet, Hyderabad. 500013.

DECLARATION

I hereby declare that the above-furnished details are true to the best of my knowledge.

Date:

Place: Hyderabad



(SHIRISH KUMAR)