

CURRICULUM VITAE

Dr. Rajasekhar Bhimireddi

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Nationality: Indian

Date of Birth: 18-01-1983



Education & Professional Experience

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| ➤ Assistant Professor - RGM College of Engineering and Technology, India | Mar 2023 – till date |
| ➤ Research Associate – Sri Sathya Sai Institute of Higher Learning , India | Sep 2018 – Feb 2023 |
| ➤ Junior Lecturer - Vikas Junior College, India | Sep 2017 – Aug 2018 |
| ➤ Senior Associate Scientist - Ultramarine & Pigments Ltd, India | Mar 2016 – Aug 2017 |
| ➤ Ph.D – Dept. of Chemistry, Banaras Hindu University, India | Aug 2007 – Feb 2013 |
| ➤ M.Sc. –Chemistry (72.3%), Banaras Hindu University, India | July 2005 – April.2007 |
| ➤ B.Sc. – MPC (79.3%) , Andhra Loyola College, Vijayawada, India | July 2000 – April.2005 |
| ➤ 10+2 – MPC (69.2%), Vikas Junior College, India | July 1998 – April 2000 |
| ➤ SSC – (60.6%), Z.P.H School, Kambhampadu, India | July 1997 – April 1998 |

Post-Doctoral Research Experience

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| ➤ Postdoctoral Fellow under the supervision of Prof. K.B.R. Varma <i>Indian Institute of Science, Bangalore, India</i> | Mar 2013 – Feb 2016 |
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Peer-Reviewed Scientific Publications

- International Journals – 34(Thirty Four)
 - SCI listed Journals – 32 (Thirty Two)
- <https://scholar.google.com/citations?user=jmPF7IMAAAJ&hl=en>

Best 10 Scientific Publications

Ceramic International (2023), *RSC Advances* 13 (2023) 10476, *J Materials Science: Materials in Electronics* 33 (2022) 20731, *J Solid State Chemistry* 309 (2022) 122959, *J Solid State Chemistry*, 302 (2021) 122400, *J American Ceramic Society*, 102 (2019) 4082, *ACS Appl. Mater. Interfaces*, 10 (2018) 27278, *J. American Ceramic Society*, 99 (2016) 896, *J Therm Anal Calorim*, 107 (2012) 183, *Thermochimica Acta*, 496 (2009)13

Research Technical Experience

- The experienced material scientist with a strong background in designing and discovering novel multifunctional nanomaterials, glass-ceramic composites, polymer composite, and binary/organic single crystals to develop new applications in the nanotech industry with the safe working GLP standards.
- Experience developing and synthesizing new inorganic Nano constructs and performing a detailed characterization using different analytical techniques (SEM, TEM, XRD, UV-Vis, FTIR, Impedance spectroscopy, and other related techniques).

Awards

- Outstanding Reviewers award from IOP Journal (Materials Research Express) for the year of 2016
- Dr. D.S. Kothari Postdoctoral Fellowship (2013) from UGC, New Delhi, India