

CURRICULAM VITAE

Dr. Shivaji Rauba Kulal

M.Sc., Ph.D.

A/P- Sunetra Colony, Palace Road

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CAREER OBJECTIVE

To establish myself as an efficient professional in seeking a challenging position in an organization, where I will put all hard work and talent in the betterment of the organization. Also I pursue a challenging role in dynamic concern and achieve perfection through performance in the field.

ACADEMIC QUALIFICATIONS

DEGREE	SUBJECT	UNIVERSITY/BOARD	MONTH & YEAR OF PASSING	PERCENTAGE	CLASS OBTAINED
Ph.D.	Chemistry	Shivaji University, Kolhapur	Nov-2011	Awarded	Awarded
M.Sc.	Inorganic Chemistry	Shivaji University, Kolhapur	May-2005	61.58%	First
B.Sc.	Chemistry	Shivaji University, Kolhapur	Apr-2002	62.08%	First
H.S.C.	PCB	Kolhapur Board	Feb-1999	61.83%	First
S.S.C.	-	Kolhapur Board	Mar- 1997	65.06%	First

TEACHING EXPERIENCE

Name of College	Type of Lectureship	Experience
Devchand College Arjunagar, Tal-Kagal, Dist-Kolhapur	Fulltime	10 th January 2006 to 2 nd Dec.2011 (6yrs)
Jaysingpur College Jaysingpur, Tal-Shirol, Dist- Kolhapur.	Visiting Faculty for M.Sc.Analytical Chemistry	2010-11 & 2011-12
Dr. Patangrao Kadam College Sangli.	Visiting Faculty for M.Sc. Analytical Chemistry	2012-13
Raje Ramrao College Jath	Fulltime (C.H.B.)	2012-13 & 2013-14 (2yrs)
Raje Ramrao College Jath	Fulltime	From 18/03/2014 till date

EXAMINERSHIP

1. Successfully worked as a **Paper assessment of theory** Examination of B.Sc.-II & III/Sem- IV & V conducted by Shivaji University, Kolhapur, at Balwant College Vita.
2. Successfully worked as a **Paper assessment of theory** Examination of B.Sc.-I/Sem-I conducted by Shivaji University, Kolhapur.
3. Successfully worked as a **Revaluation** of B.Sc.-I/Sem-II theory Examination conducted by Shivaji University, Kolhapur.
4. Successfully worked as an **Internal** and **External** Under Graduate Practical **Expert** of Shivaji University, Kolhapur.
5. Successfully worked as an **Internal** and **External** Under Graduate Practical **Examiner** of Shivaji University, Kolhapur.
6. Successfully worked as a **External senior Supervisor** of theory Examination conducted by Shivaji University, Kolhapur.
7. Successfully worked as a **Internal senior Supervisor** of theory Examination conducted by Shivaji University, Kolhapur.
8. Successfully worked as a **Junior Supervisor** on Theory under Graduate Examination of Shivaji University, Kolhapur.

RESEARCH WORK

Research area:-Material Science, Nanotechnology, Catalysis.

Research Title for Ph. D. Degree course: Synthesis and Structural Characterization of Mixed Metal oxides Containing Transition Metals and Lanthanide ions.

RESEARCH GUIDANCE

04 students working

RESEARCH PUBLICATIONS

1. Mehejbin R Mujawar and **Shivaji R Kulal**, “Superhydrophobic Surfaces: A Review” at International Journal for Multidisciplinary Research, ISSN: 2582-2160, Volume-7, Issue 1, pages: 1-13, **2025**.
2. Mehejbin R Mujawar, Deepak A Kumbhar and **Shivaji R Kulal**, “Superhydrophobic Sponge Modified by Naturally Synthesized Silica and Candle Soot Nanoparticles” at International Journal for Science and Advance Research in Technology, ISSN: 2395-1052, Volume-11, Issue 2, pages: 43-47, **2025**.
3. Mehejbin R Mujawar and **Shivaji R Kulal**, “Candle Soot Modified Superhydrophobic/Superoleophilic Surfaces for Oil-Water Separation” at Development of India: Issues and Challenges, ISBN: 978-93-341-3927-3, Volume-1, Chapter-15, pages: 83-95, **2024**.
4. Mehejbin R Mujawar, Deepak A Kumbhar and **Shivaji R Kulal**, “Polymer Modified Superhydrophobic/Superoleophilic Surfaces for Oil-Water Separation: A review” International Journal of Scientific Research in Science and Technology, ISSN: 2395-602X, Volume 11, Issue 23, pages:62-69,**2024**
5. Mehejbin R Mujawar, Rajesh B Sawant, Deepak A Kumbhar, Sanjay S Lathe, Ankush M Sargar and **Shivaji R Kulal**, “Recent Progress in Fabrication of Candle Soot Modified Superhydrophobic/Superoleophilic Surfaces for Oil-Water Separation”, International Journal of Advance Studies and Growth Evaluation, E-ISSN: 2583-6528, Volume: 3 Issue: 3 Pages: 16-20, **2024**.
6. Mehejbin R. Mujawar, Rajesh B. Sawant, Deepak A. Kumbhar, Ankush M. Sargar, **Shivaji R. Kulal**, “A review on superhydrophobic surfaces: fundamentals, fabrications and applications”, The International Journal of Multidisciplinary Research, Vol. No.9 Issue No. 02, **2023**.
7. Mehejbin R. Mujawar, Rajesh B. Sawant, Amol B. Pandhare, Prashant D. Sanadi, Sanjay S. Lathe, Ankush M. Sargar, Raghunath K. Mane, **Shivaji R. Kulal**, “Review

- on Candle Soot based Superhydrophobic Surfaces for Oil-Water Separation”, Journal of Shivaji University: Science and Technology, Volume-49, Issue-1, **2023**.
8. Rajesh B. Sawant, Mehejbin R. Mujawar, Amol B. Pandhare, Sanjay S. Latthe, Ankush M. Sargar, Raghunath K. Mane, **Shivaji R. Kulal**, “Silica Coated Superhydrophobic Materials for Oil-Water Separation Application-A Short Review”, Journal of Shivaji University: Science and Technology, Volume-49, Issue-2, **2023**.
 9. Avinash A. Ramteke, Pradnya K. Chougule, Neeraj Prasad, Yogesh K. Vyawahare, **Shivaji R. Kulal**, and Amit R. Yaul, “Study of Acoustical Properties of Lead Oxide Nanoparticle in Different Solvent Mixtures at 305 K by Using Nanofluid Interferometer”, Macromol. Symp., 400, 2100171, p. 1-6, **2021**.
 10. Rajaram S. Sutar, Shriram D. Manadeshi, Sanjay S. Latthe, **S. R. Kulal**, G. D. Salunkhe, K. K. Rangar, R. A. Lavate, S. B. Raut, A.C. Sapkal, Appasaheb K. Bhosale, Kishor Kumar Sadasivuni, Shanhu Liu, and Ruimin Xing, “Superhydrophobic Coating Using TiO₂ NPs/PMHS Composite for Self-Cleaning Application”, Macromol. Symp., 393, 2000033, p. 1-5, **2020**.
 11. Rajaram S. Sutar, Sima S. Gaikwad, Sanjay S. Latthe, Vishnu S. Kodag, S. B. Deshmukh, L. P. Saptal, **S. R. Kulal**, and Appasaheb K. Bhosale, “Superhydrophobic Nanocomposite Coatings of Hydrophobic Silica NPs and Poly(methyl methacrylate) with Notable Self-Cleaning Ability”, Macromol. Symp., 393, 2000116, p. 1-5, **2020**.
 12. Sanjay S. Latthe, Vishnu S. Kodag, Rajaram S. Sutar, Appasaheb K. Bhosale, Saravanan Nagappan, Chang-Sik Ha, Kishor Kumar Sadasivuni, **Shivaji R. Kulal**, Shanhu Liu, Ruimin Xing, “Sawdust-based superhydrophobic pellets for efficient oil-water separation” Materials Chemistry and Physics, 243, 122634, **2020**.
 13. Sukhadeo N. Tambe, **Shivaji R. Kulal**, Shrikant R. Kokare, and Dadasaheb J. Salunkhe, “Synthesis and Characterization of (BaSr)PbTiO₃ Material Compositions”, Macromol. Symp., 387, 1900001, **2019**.
 14. Banasode R. S., **Dr. Kulal S. R.**, “Best Practices: Benchmarking Approach for Quality Enhancement in HEIs”, Research Journey, ISSN: 2348-7143, pp. 9-11, **2019**.
 15. Khogare Balaji, **Kulal Shivaji**, Rangar Krishna and Kokare Balasaheb, “Medicinal uses of neem (Azadirachta indica) in human life: A Review”, National Conference on “Recent Advances in Zoology” (NCRAIZ-2018), Special Issue A 9: pp. 181-184, **2018**.
 16. Jadhav VS, Kanwate VS, Sajjan MB, Karenavar MH, **Kulal SR** and Salunke GD, “Seasonal impact on avian diversity and its conservation at Nanda village pond of Bhokar tahsil of Nanded district, MS, India”, National Conference on “Recent Advances in Zoology” (NCRAIZ-2018), Special Issue A 9: pp. 96-100, **2018**.

17. S. N. Tambe, **S. R. Kulal**, S. R. Kokare and D. J. Salunkhe, "Synthesis, structural and properties of (BSPT) compositions", ISBN: 978-81-931247-6-5, pp. 171-175, **2017**.
18. Balaji T. Khogare, **S. R. Kulal**, K. K. Rangar, G. D. Salunkhe, P. G. Pawar, M.H. Karenavar, P. M. Kadam and Sanjay S. Latthe, "A polystyrene modified sponges for effective oil/water separation", Proceeding of International conference on Advances in Materials Science, ISBN 978-93-5254-490-5, pp. 219-220, **2016**.
19. P. B. Abhange, V. C. Malvade, **S. R. Kulal**, S. Chandralingam & S. R. Kokare, "Structural and dielectric studies of lanthanum-doped barium neodymium titanate", J. Chin. Adv. Mater. Soc., pp. 1-8, **2016**.
20. **Shivaji R. Kulal**, Krishna K. Ranagar, Dadasaheb V. Rupnawar, Vashistha M. Gurame, Dipak S. Rajmane, Ramchandra B. Patil, Vijay S. Jadhav, "Synthesis and characterization of Dy Doped Co-Zn ferrite by sol-gel auto combustion method", Proceeding of International conference on Advances in Materials Science, ISBN 978-93-5254-490-5, pp. 227-229, **2016**.
21. S. M. Patil, V. M. Gurame, **S. R. Kulal** and C. R. Patil, "Synthesis of VI B Group Metal Oxide Thin Films by Chemical Deposition Method for Solar Cell Applications", Emerging Trends in Basic and Applied Sciences, ISBN: 978-93-5212-826-6, p. 138, **2015**.
22. S.M.Khetre, A.U.Chopade, C.J.Khilare, **S.R.Kulal**, H.V.Jadhav, P.N.Jagadale, S.V.Bangale, S.R.Bamane, "Ethanol gas sensing properties of nano-porous LaFeO₃ thick films", Journal of Shivaji University (Science & Technology), ISSN-Science-0250-5347, Volume No. 41 (2), **2015**.
23. A K Bhosale, **S. R. Kulal**, V M Gurame And P S Patil, "Spray deposited CeO₂-TiO₂ counter electrode for electrochromic devices", Bull. Mater. Sci., Vol. 38, No. 2, pp. 1-9, **2015**.
24. **S. R. Kulal**, P. N. Jagadale, P. P. Jagtap, K. K. Rangar and S. R. Bamane, "Synthesis, characterization and in vitro biocompatibility of Zn doped hydroxyapatite bioceramics", National conference on recent trends in chemical sciences, pp. 63-68, **2014**.
25. Waghmode, D.P., Kore, G.D., Kokare, A.N., Zanje, S.B., Jamdar, M.D., **Kulal, S.R.**, Kolekar, S.S., Anuse, M.A., "Extractive separation and spectrophotometric studies of tellurium (IV) from aqueous hydrochloric acid media by furfuraldehyde thiocarbohydrazone (FATCH)", International conference on emerging horizons in biochemical sciences and nanomaterials, p. 164, **2013**.
26. Kashmiri A. Khamkar, Pramod N. Jagadale, **Shivaji R. Kulal**, Sambhaji R. Bamane, Vishwas V. Dhapte, "Synthesis, characterization and electrical properties of

nanostructured LaAlO₃ by sol–gel auto combustion method”, J Mater Sci: Mater Electron, 24:4482–4487, **2013**.

27. Pramod N. Jagadale, Sanjay M. Khetre, Pramod P. Jagtap, **Shivaji R. Kulal**, and Sambhaji R. Bamane, “Synthesis, characterization and biodegradation behavior of nanostructured CaSiO₃ bioceramics”, NCRTCNS, ISBN-978-93-5126-367-8, pp. 78-82, **2013**.
28. **S. R. Kulal**, K. K. Rangar, B. N. Kokare, A. B. Gurav, V. M. Gurame, “Synthesis and characterization of dysprosium doped co-zn ferrite for their catalytic performance”, NCRTCNS, ISBN-978-93-5126-367-8, pp. 85-88, **2013**.
29. Pramod N. Jagadale, **Shivaji R. Kulal**, Meghanath G. Joshi, Pramod P. Jagtap, Sanjay M. Khetre, Sambhaji R. Bamane, “Synthesis and characterization of nanostructured CaSiO₃ biomaterial”, Materials Science-Poland, 31(2), pp. 269-275, **2013**.
30. **Shivaji R. Kulal**, Sanjay S. Khetre, Pramod N. Jagdale, Vashishtha M. Gurame, Duryodhan P. Waghmode, Govind B. Kolekar, Sandip R. Sabale, Sambhaji R. Bamane, “Synthesis of Dy doped Co–Zn ferrite by sol–gel auto combustion method and its characterization”, Materials Letters, 84, p. 169–172, **2012**.
31. S. M. Khetre, H. V. Jadhav, P. N. Jagadale, S. V. Bangale, **S. R. Kulal**, S. R. Bamane, “Solar photodegradation of methylene blue by LaMnO₃ nanorods as a heterogeneous catalyst”, Archives of Applied Science Research, 3 (4):450-462, **2011**.
32. **S.R.Kulal**, S.R.Bamane, “Synthesis of nanocrystalline cobalt zinc ferrites by sol-gel auto combustion method and study of their properties”, MSAIJ, 7(5), 313-316, **2011**.
33. S.M.Khetre, A.U.Chopade, H.V.Jadhav, **S.R.Kulal**, P.N. Jagadale, S.V.Bangale, S.R.Bamane, “Auto-combustion synthesis of nanocrystalline FeCrO₃”, IEEE, ISBN: 978-1-4577-2037-6, p. 1-6, **2011**.
34. **Shivaji. Rauba. Kulal** and Sambhaji. Rau. Bamane, “Synthesis of Cerium doped Zinc oxide nanoparticles by aqueous hydrothermal method and study of their properties”, Archives of Applied Science Research, 2 (6): 205-210, **2010**.

KNOWLEDGE OF LITERATURE SURVEY

- Search engines such as Scifinder, Scopus, Science direct etc.
- Paper search by different e-journals
- Able to write research papers and proposals independently.

SKILL SUMMARY

- Basic spectroscopic knowledge of XRD, TGA-DTA, EDS, UV, IR, NMR, MASS, TEM, AAS.

CO-CURRICULAR ACTIVITY

- **National level athletics player**
- **General Secretary** of Raje Ramrao College Jath during the year 2001-02.
- **Student council member of Shivaji University Kolhapur** during the year 2001-02.
- Student of **National service scheme** at degree level in Raje Ramrao College Jath.
- Basic knowledge of computer.
- Prepared Organic Binary Mixture Separation Chart for B. Sc.-III (Chemistry) during academic year 2013-14.

Memorandum of Understanding

I have Memorandum of Understanding with Prof. G. B. Kolekar, Department of Chemistry, Shivaji University, Kolhapur. This collaboration will not only help me for the academic discussion but it leads to the greater interaction between these two laboratories.

Invited Talks/ Lecture Delivered

- Delivered a lecture in primary teachers training of revised syllabus of science for standard 6th to 8th on 5th Feb. 2015 organized by DIET Sangli in S. R. V. M. Highschool & Junior college, Jath, Dist- Sangli.
- Delivered a lecture for JEE mains Examination on 20th March 2015 organized by Sanjay Bhokare Group of institutions, Miraj in S. G. B. Highschool & Junior college, Sankh, Dist- Sangli.
- Delivered a Talk being present as **Chief guest** for prize distribution ceremony in “**Siddharth Festival 2015-16**” at Siddharth Polytechnic college Jath, Dist- Sangli on 27th September, 2015.
- Delivered a lecture on ‘Personality Development’ at Siddharth Polytechnic college Jath, Dist- Sangli on 20th December, 2015.
- Delivered a lecture on ‘Solid Waste Management’ at Siddharth Polytechnic college Jath, Dist- Sangli on 10th January, 2016.

Refresher/ orientation/ FDP/ Training Completed –

1. Completed **Refresher course** in Chemistry, UGC-HRDC Savitribai Phule Pune Uni. Pune, Dept. of Chemistry, Shivaji Uni. Kolhapur, during 16/11/2015 to 06/12/2015.
2. Completed **Special Winter School**, UGC-HRDC Savitribai Phule Pune Uni. Pune, Dept. of Education, Shivaji Uni. Kolhapur, during 03/07/2017 to 23/07/2017.
3. Completed 14 week Online Refresher Course in Chemistry for Higher Education Faculty under MHRD Swayam on 30/03/2019.

4. Completed 14 week Online **Refresher Course** in Chemistry for Higher Education Faculty under MHRD Swayam on 16/02/2020.
5. Completed 14 week Online **Refresher Course** in Governance and Leadership for Higher Education under MHRD Swayam on 16/02/2020.
6. Completed 14 week Online **Refresher Course** in Governance and Leadership for Higher Education under MHRD Swayam on 21/08/2021.
7. Completed Online **Faculty Development Programme** on Moodle Learning Management System organized by Vivekanand College, Kolhapur in collaboration with Spoken Tutorial Project, IIT Bombay during 25/04/2020 to 30/04/2020.
8. Completed Online **Multimedia enriched e- Content Development training** organized by Guru Angad Dev Teaching Learning Centre SGTB Khalsa College, University of Delhi under the Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching (PMMMNTT) of MHRD during 21/05/2020-26/05/ 2020.
9. Completed 14 week Online **Refresher Course** in Chemistry for Higher Education Faculty under HRDC, AICTE Swayam ARPIT online course Certification, Delhi during 01/12/2020-31/03/2021.
10. Completed Online One week **faculty Development programme** on 'NAAC Assessment and Accreditation for Affiliated Colleges organized by Vinayak Patil Mahavidyalaya Vijaypur, Under UGC Paramarsh Scheme, New Delhi during 08/06/20-13/06/20.
11. Completed Online One week **faculty Development programme** on 'Perspectives on the past, present and future of advanced materials' organized by Dept. of Basic science and R & D center, Tantodaya College of engineering Gadag, Karnataka, India during 26/08/2020-28/08/2020.
12. Completed online **Faculty Development Programme** on "Managing Online Classes and Co-Creating Moocs:2.0" organized by MHRD- PMMMNTT Teaching Learning Centre, Ramanujan College, University of Delhi during (17 Days) 20/04/2020 to 06/05/2020.
13. Completed Online One week **faculty Development programme** on 'ICT tools for effective teaching learning 'organized by SRTM University, Nanded during 11/05/2020-16/05/2020.
14. Completed Online One week **faculty Development programme** on 'Use of ICT in teaching learning' organized by Dr. Ghali College Gadhinglaj, affiliated to Shivaji University, Kolhapur during 01/06/2020-06/06/2020.
15. Completed Online **faculty Development workshop** on Online Teaching Learning organized by Ministry of Education - PMMMNTT Teaching Learning Centre, Shivaji University Kolhapur during 04/09/2020-05/09/2020.
16. Completed Online **Refresher Course** in Chemistry organized by UGC-HRDC Dr. Babasaheb Ambedkar Marathwada university, Aurangabad during 10/07/2023-22/07/2023.

Participated/Papers presented in International /National /State conferences, Seminars, Workshops

➤ International level

- 1) **Paper presented** in *International Conference on Emerging Trends in Basic and Applied Sciences* on 10th March 2015 at Karmaveer Hire arts, science & Commerce college Gargoti, Dist-Kolhapur.
- 2) **Paper presented** in *International workshop on Nanotechnology and Advanced Functional Materials* on 9-11th July 2009 in National Chemical Laboratory, Pune.
- 3) **Paper presented** in *International conference on Emerging Horizons in Biochemical Sciences and Nanomaterials* on 28th -30th Nov 2013 at Shivaji College Barshi, Dist-Solapur.
- 4) **Paper presented** in *International conference on Advances in Material Sciences* on 7th -8th Dec 2016 at Raje Ramrao Mahavidyalya Jath, Dist- Sangli.
- 5) **Paper presented** in *International conference on Advances in Material Sciences* on 7th -8th Dec 2016 at Raje Ramrao Mahavidyalya Jath, Dist- Sangli.
- 6) Attended *International conference on nanomaterials and its applications* on 9-11th Dec. 2008 in Department of Chemistry, Shivaji University Kolhapur.
- 7) Participated as Volunteer in *International Symposium on Drug Discovery and Process Research* on 23-25th January 2003, in Department of Chemistry, Shivaji University Kolhapur.

➤ National level

- 1) **Paper Presented** in *National Seminar on Advances in Co-ordination Chemistry*, on 17-18th Aug. 2010 in Shahu College Kolhapur.
- 2) **Paper presented** in *National Conference on Recent Trends in Chemistry* on 14-15th Oct.2010 in Yashwantrao Chavan Institute of Science, Dist-Satara.
- 3) **Paper presented** in *National Symposium on Advances in synthetic Methodologies and New Materials* on 21-22nd Jan 2011, in Department of Chemistry, Shivaji University Kolhapur.
- 4) **Paper presented** in *National Conference on Current Research in Chemical Science* on 22-23rd Jan 2013, in Department of Chemistry, Shivaji University Kolhapur.

- 5) **Paper presented** in National Conference on *Frontiers in Chemical and Biological Sciences* on 23-24th Sept 2013, in Department of Chemistry, Padmabhushan Dr. Vasantodada Patil Mahavidyalaya Tasgaon, Dist-Sangli.
- 6) **Paper presented** in National conference on *Recent trends in Chemistry; Nanoscience (NCRTCNS-2013)* on Date 18-19th Oct 2013, in Department of Chemistry, in Dahiwadi college Dahiwadi, Tal-Man, Dist-Satara.
- 7) **Paper presented** in National Seminar on *Advanced Synthetic Methodologies and Functional Materials* on 23-24th Dec 2009 in Department of Chemistry, Shivaji University Kolhapur.
- 8) **Paper presented** in National Seminar on *Recent Advances Synthetic Chemistry and Nanomaterials* on 21-22nd January 2012 in Department of Chemistry, Shivaji University Kolhapur.
- 9) **Paper presented** in National Seminar on *Chemistry and Its Role in Human Development* on 26th March 2012 in Department of Chemistry, Dr. Patangrao Kadam Mahavidyalaya, Sangli.
- 10) **Paper Presented** in National conference on *Recent trends in Chemical Sciences (RTCS-2014)* on Date 18-19th September 2014, in Department of Chemistry, in Devchand College Arjunnagar, Tal-Kagal, Dist-Kolhapur.
- 11) **Paper Presented** in National conference on *Nano materials and Nano material based devices* on 23-24th December 2014, organized by Department of Physics Dattajirao Kadam Arts, science & Commerce College Ichalkaranji, Dist-Kolhapur.
- 12) **Paper Presented** in National conference on *Recent Trends in Nanomaterials and their Applications (RTNA 2015)* on 23-24th January 2015, organized by Department of Physics & Chemistry, Sangola College Sangola, Dist- Solapur.
- 13) **Paper Presented** in National conference on *Emerging trends in Physical, Chemical and Life Sciences* on 16-18th February 2015, organized by Department of Chemistry, Waghire College Saswad, Dist-.Pune
- 14) Attended state level seminar on *Recent Advances in Analytical Chemistry* on 8-9th Oct.2010 by Abasaheb Marathe College, Rajapur, Dist- Ratnagiri.
- 15) Attended UGC-SAP National level seminar on *synthesis of new materials for industrial applications* on 1-2nd Feb 2008 in Department of Chemistry, Shivaji University, Kolhapur.

- 16) Attended National Seminar on *Physics of Materials and Materials Based Device Fabrication* organized on 17-18th February, 2011 in Department of Physics, Shivaji University Kolhapur.
- 17) Attended National Seminar on *Nanotechnology-Today's Need* on 28-29th March 2009 in TP Science College Sankeshwar, Karnataka.
- 18) Attended National seminar on *Green Chemistry* on 16-17th April 2009 in K.C.P College Bijapur, Karnataka.
- 19) Attended National Seminar on *Advanced Materials* on 19-20th March 2010 in Department of Chemistry, Shivaji University Kolhapur.

➤ **State/Regional level**

- 1) **Worked as Referee** for poster presentation in State level Chemistry workshop (*Marathi Rasayanshastra parishad, Maharashtra*) on 5th February 2012 organized by New College Kolhapur & Dr. N.D. Patil College Malkapur, Dist- Kolhapur.
- 2) **Paper presented** in State level seminar on *Emerging Trends In Chemistry Through Green Approach* on 1st Oct 2013, in Department of Chemistry, Smt. Kasturbai Walchand College Sangli, Dist-Sangli.
- 3) Attended Faculty development program-II organized in *Magnus School of Business* on 5th Feb, 2010 in Kolhapur.
- 4) Attended State level seminar on *Frontiers of Research in Green Chemistry* on 25th January 2011, in Arts, Science and Commerce College Ramanandnagar, Dist-Sangli.
- 5) Attended Workshop on *Revised Syllabus* of B.Sc.Part-II on 10th Aug.2011 in Vivekanand College Kolhapur, Dist-Kolhapur.
- 6) Attended Workshop on *Rights, Duties & Responsibilities in Higher Education* on 13th August 2011 in Devchand College Arjunnagar, Dist-Kolhapur.
- 7) Attended one day seminar on *Project Formulation* for B.Sc.-III on 20th August 2011 in Padmabhushan Dr. Vasantdada Patil Mahavidyalaya Tasgaon, Dist-Sangli.
- 8) Attended Training Cum Workshop on *Chemistry in Our Lives* on 26th August 2011 in Department of Chemistry, Shivaji University, Kolhapur.
- 9) Attended State level seminar on *Chemistry in Our Lives* on 21st December 2011 in Jaysingpur College Jaysingpur, Dist- Kolhapur.
- 10) Attended Workshop on *Revised Syllabus* of B. Sc. Part-II on 13th Aug.2014 in Yashavantrao Chavan Institute of Science Satara, Dist-Satara.

11) Worked as Organizer for 34th Central Youth Festival of Shivaji University Kolhapur on 11-12th October, 2014 in Raje Ramrao Mahavidyalaya, Jath, Dist- Sangli.

12) Attended one day programme on Understanding of Physics on 5th October 2013 in Department of Physics, Raje Ramrao Mahavidyalaya, Jath, Dist- Sangli.

13) Attended one day seminar on Role of IQAC in Quality Enhancement on 27th February 2015 organized by Balwant College Vita, Dist- Sangli.

PERSONAL PROFILE

Permanent Address :- A/P- Sunetra Colony, Palace Road
Jath, Tal- Jath, Dist- Sangli. Pin-416404

Gender :- Male

Marital status :- Single

Caste :- Hindu-Dhanagar (NT-C)

Nationality :- Indian

Blood Group :- O^{Rh}+ve

Date of Birth :- 27th Dec 1980

Languages known :- English, Hindi, Marathi.

REFERENCES

1) Prof. P. S. Patil
Pro Vice-chancellor,
Shivaji University Kolhapur-416004
Mobile no. 9922235114

2) Dr. G. B. Kolekar
Asso. Prof., Department of Chemistry,
Shivaji University Kolhapur-416004
Mobile no. 942328108

DECLARATION

I hereby declare that the information and details given above are true to the best of my knowledge and belief.

Yours sincerely,

(Dr. S. R. Kulal)

Place:- Jath

Date:- 05/03/2025