

Curriculum Vitae

Dr. Sanjay Shivram Ankushrao

M.Sc., SET, GATE, PhD

Assistant Professor in Chemistry,
Vivekanand College, Kolhapur (Empowered Autonomous)
Maharashtra (INDIA)

Mob.No: +91 9096070345.

E-mail: sanjayankushrao@vivekanandcollege.ac.in



● PERSONAL DETAILS:

Permanent Address : A/P: Methvade, Tal: Sangola,
Dist: Solapur -413317, Maharashtra.

Date of birth : 2nd June 1986

Gender : Male

Marital Status : Married

Nationality : Indian

Caste : Hindu (Koli)

Languages : English, Hindi, Marathi,

Industrial Experience: 02 years

Teaching Experience: 12 years (UG +PG)

Research Experience: 10 years

Research Area : Synthetic Polymer chemistry, High Performance Polymers

● ACADEMIC QUALIFICATIONS:

Qualification	Year of Passing	Board/University	Class Obtained
PhD	July 2017	Solapur Univ. Solapur	Awarded
SET	FEB.2013	Pune Univ., Pune	Qualified
GATE	FEB-2013	IIT Mumbai	Qualified
M.Sc. (Industrial Chemistry)	JUNE-2010	Solapur Univ. Solapur	I
B.Sc. Chemistry	JUNE-2007	Solapur Univ. Solapur	I
H.S.C.	MAY-2004	Pune	II
S.S.C.	JUNE-2002	Pune	I
Diploma in Graphics & Automation (DCGA)	Mar-2008	Disha Institute, Pune	I

- **TEACHING AND RESEARCH EXPERIENCE:**

- Shivaji University Recognized M.Phil & Ph.D. Guide.
- Two students have been working for Ph.D.
- Post-Graduate (PG) Recognized Teacher
- From 28th April 2018 to till date has been working as an Assistant Professor in Department of Chemistry, Vivekanand College (Autonomous), Kolhapur.
- From 11th June 2014-27th April 2018: Worked as an Assistant Professor in Department of Chemistry, D.K.A.S.C. College, Ichalkaranji, Dist-Kolhapur, Maharashtra.
- July 2013 – March 2014: Worked as Assistant Professor (contract basis) (PG Level) in School of Chemical Sciences, Solapur University, Solapur, Maharashtra.
- July 2012 – April 2013: Worked as Assistant Professor (contract basis) (PG Level) in School of Chemical Sciences, Solapur University, Solapur, Maharashtra.
- July 2011 – April 2012: Worked as Assistant Professor (contract basis) (PG Level) in School of Chemical Sciences, Solapur University, Solapur, Maharashtra.

- **INDUSTRIAL EXPERIENCE:**

- From 21st June 2010 to 9 August 2011, Worked as Trainee Officer in Lupin Pharmaceuticals Ltd, Boisar, Tarapur, Mumbai.
- From June 2007 to June 2008, Worked as Chemist in TATA Motors, Pimpri, Pune through Surekha Environmental consultancy, Mumbai.

- **RESEARCH PROJECT:**

Minor/ Major	Title of Project	Funding Agency	Funding Amount Rs.
Minor	Synthesis, Characterization and Properties of Processable Polyazomethines for High Temperature Applications.	Research Initiation Scheme, Shivaji University, Kolhapur.	1, 31, 500/- Completed

- **TRAININGS AND OTHER RELEVANT EXPERIENCE:**

- Completed Three months Online Refresher Course in Chemistry For Higher Education conducted by S.G.T.B. Khalsa College, University of Delhi under SWAYAM ARPIT ONLINE COURSE CERTIFICATION
- Completed Two Weeks Faculty Development Programme on "MANAGING ONLINE CLASSES and CO-CREATING MOOCS" from April 20 - May 06, 2020 organized by Ramanujan College, Delhi sponsored by Ministry of Human Resource Development, Govt of India.

- Completed 7 days Faculty Development Programme on Cyber Security Conducted by Shivaji University, under scheme under A MHRD Govt of India Initiative (PMMMNMTT)
- Completed One week Faculty Development programme on 'Moodle Learning & management System' by Vivekanand College, Kolhapur
- Completed 21 days **Refresher course** on 'Disaster Management' conducted by HRDC, Guru Nanak Dev University, Amritsar during period 14-11-2018 to 04-12-2018.
- Completed 28 days **Orientation Programme** conducted by HRDC, Goa University during period 14-11-2017 to 11-12-2017.
- Completed 12 days Induction Programme "**Udbhav**" on 29th June 2010 to 10th July 2010 at Lonavala, conducted by Lupin Pharma Ltd.
- Worked as an Examiner of BSc. II & B.Sc. III practicals.
- Worked as an Examiner of M.Sc. II (Industrial Chemistry) practical examination, School of chemical sciences, Solapur University, Solapur.
- Worked as Paper Setter for M.Sc.
- Worked as a Member, Local Organizing Committee in **17th International Conference** on "Expanding Horizons in Chemical and Biological Sciences: Innovations Crossroads" ISCBC-2012 organized by DST, BRNS, ISCB, Solapur University on 21st-24th Jan 2012.
- Worked as Member of Local Organizing committee in **2nd International Conference** on "Emerging Trends in Chemical Sciences" (ETCS-2012) organized by Solapur University, Solapur.
- Worked as Presiding Officer for Municipal Corporation Election, Ichalkaranji.

● **OTHER RELEVANT POSITIONS HELD:**

Positions Held	Organization	Period
BoS member	Vivekanand College, Kolhapur (Empowered Autonomous)	Since April 2018
Nodal Officer	ABC/NAD	Since Jan 2022
Coordinator: COC Preparation of Household Chemicals	Vivekanand College, Kolhapur (Empowered Autonomous)	2022
BoS Sub-committee member	Punyshlok Ahilyadevi Holkar Solapur University, Solapur	2020-22
CAP Director	Vivekanand College, Kolhapur (Autonomous)	June/July-2022
Dy. CoE (Post Exam)	Vivekanand College, Kolhapur (Autonomous)	2020-21

Convener, Anti-Ragging Committee	Vivekanand College, Kolhapur (Autonomous)	2020-2021 to 2022-23
Head, Department of Chemistry	D. K. A. S. C. College, Ichalkaranji	1 st July 2017 to 27 th April 2018
Head, Cultural Department	D. K. A. S. C. College, Ichalkaranji	June 2017 to April 2018.
Co-ordinator, Certificate course "Preparation of Household Chemicals"	Course under Dept of Adult & Continuing Education & Extension Work, D. K. A. S. C. College, Ichalkaranji	2016-17
Convener, Youth Festival Committee	D. K. A. S. C. College, Ichalkaranji	June 2016 to April 2018
Member, IQAC	D. K. A. S. C. College, Ichalkaranji	June 2017 to April 2018.
Member, Discipline Committee	D. K. A. S. C. College, Ichalkaranji	June 2017 to April 2018.
Member, Placement and Career guidance cell	D. K. A. S. C. College, Ichalkaranji	June 2017 to April 2018.
Member, Research Promotion and Monitoring committee	D. K. A. S. C. College, Ichalkaranji	June 2017 to April 2018
Member, NAAC Criteria-III	D. K. A. S. C. College, Ichalkaranji	June 2015-Sept. 2018
Member, NSS	D. K. A. S. C. College, Ichalkaranji	2014-2016
Convener, One day workshop on NET/SET	D. K. A. S. C. College, Ichalkaranji	16 th Jan 2016.
Member, Cultural Committee	Vivekanand College, Kolhapur	From June 2018
Member, Competitive Exam Committee	Vivekanand College, Kolhapur	From June 2018
Member, Personality Development Committee	Vivekanand College, Kolhapur	From June 2018
Member, Science Association	Vivekanand College, Kolhapur	From June 2018

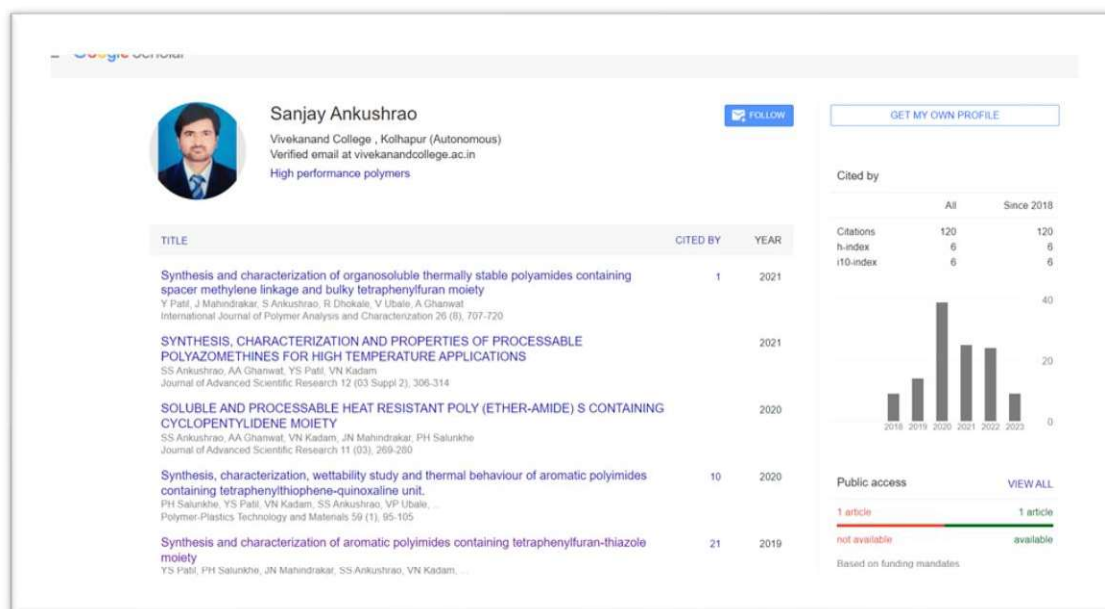
- **BOOKS PUBLISHED:**

- कवितासंग्रह- संघर्षधारा (ज्ञानमंगल प्रकाशन, कोल्हापूर) ISBN-978-93-92538-08-7

- Published book entitled 'Processable High Performance Polyamides' in the nine languages (English, German, French, Spanish, Italian, Portuguese, Danish, Polish, Russian) by Omni scriptum Publishing Group, Latvia's, Lambert Academic Publishing and Scienza Scripts, Mauritius.

Sr. No.	Title of Book	Language of Book	ISBN
1	Processable High Performance Polyamides	English	978-620-2-56517-2
2	Verarbeitbare Hochleistungs polyamide	German	978-620-2-50883-4
3	Poliamidas de alto rendimiento procesables	Spanish	978-620-2-50885-8
4	Polyamides à haute performance transformables	French	978-620-2-50887-2
5	Poliammidi lavorabili ad alte prestazioni	Italian	978-620-2-50889-6
6	Verwerkbare hoogwaardige polyamiden	Danish	978-620-2-50890-2
7	Przetwarzalne poliamidy o wysokiej wydajności	Polish	978-620-2-50891-9
8	Poliamidas Processáveis de Alto Desempenho	Portuguese	978-620-2-50892-6
9	Обрабатываемые высокоэффективные полиамиды	Russian	978-620-2-50893-3

- LIST OF PAPERS PUBLISHED IN INTERNATIONAL JOURNALS: [14]



1. Synthesis, characterization, wettability study and thermal behaviour of aromatic polyimides containing tetraphenylthiophene-quinoxaline unit, **Polymer-Plastics Technology and Materials**, **59**, **1**, 95–105, 2020. (ISSN: 2574-089X)
2. Processable heat resistant polyamides containing tetraphenyl thiophene having pendant phenyl moiety with heterocyclic quinoxaline unit: Synthesis and characterization, **Journal of Macromolecular Science Part A: Pure & Applied Chemistry**, 1-7, 2018 (ISSN: 1520-5738)
3. Synthesis and characterization of aromatic polyimides containing tetraphenylfuran-thiazole moiety, **Journal of Thermal Analysis and Calorimetry**, July 2018. (ISSN: 1388-6150)
4. High Performance Poly(ether-amide)s Derived from 1,1-Bis[4-(4-carboxy methylene phenoxy)-3-methyl phenyl] Cyclopentane and Aromatic Diamines, **Polymer Science Series-B**, **60**, **3**, 263–272, 2018. (ISSN: 1560-0904)
5. Synthesis and Characterization of Thermally Stable Poly(ether-azomethine)s Derived From 1, 1-bis[4-(4-benzaldehyde oxy)-3-methyl phenyl] cyclopentane” **Journal of Macromolecular Science Part A: Pure & Applied Chemistry**, **A (54)**, **6**, 2017. (ISSN: 1520-5738)
6. Synthesis and Characterization of Processable Heat Resistant Co-poly(ester-amide)s Containing Cyclopentylidene Moiety, **Journal of Macromolecular Science Part A: Pure & Applied Chemistry**, **A (54)**, **2**, 124-132, 2017. (ISSN: 1520-5738)
7. Synthesis and Characterization of Novel Processable Poly(ether-azomethine)s containing Cardo Cyclopentylidene moiety, **International Journal of Science and Engineering Invention**, **5**, **10**, 67-73, 2016. (ISSN: 2319 - 6734)
8. Synthesis and Characterization of Novel Processable Poly(ether-azomethine)s containing Binaphthyl moiety, **International Journal of Science and Engineering Invention**, **6**, **12**, 86-95, 2017. (ISSN: 2319 - 6734)
9. Synthesis and Characterization of Novel Processable Poly(ether-azomethine)s containing Naphthyl moiety, **Journal of Applicable Chemistry**, **7 (4)**: 806-815, 2018. (ISSN: 2278-1862)
10. Optically transparent, organosoluble poly(ether-amide)s bearing triptycene unit; synthesis and characterization, **Journal of Macromolecular Science Part A: Pure & Applied Chemistry**, 2018. (ISSN: 1520-5738)

11. Natural Dye from Clitoria Ternatea (Gokarna) Flowers for Dyeing Cotton Fabrics, **Manchester: A Research journal (A multidisciplinary issue)**, 13-15, 2018. **(ISBN.978-81-926341-6-6)**.
12. Student assessment in Indian education system: A need of revolutionary change, proceeding of one day state level seminar, D. K. A. S. C. College, Ichalkaranji Maharashtra (India), 54-57, 2019. **(ISBN:978-81-926341-9-7)**
13. Soluble and processable heat resistant poly(ether-amide)s containing cyclopentylidene moiety, **Journal of Advanced Scientific Research**, 11 (3), 269-280, Aug-2020. **(ISSN: 0976-9595)**
14. Synthesis and characterization of organosoluble thermally stable polyamides containing spacer methylene linkage and bulky tetraphenylfuran moiety, *International Journal of Polymer Analysis and Characterization*, **2021**, DOI: [10.1080/1023666X.2021.1971835](https://doi.org/10.1080/1023666X.2021.1971835), **(ISSN: 1563-5341)**

● **LIST OF PAPERS PRESENTED IN NATIONAL/INTERNATIONAL CONFERENCES: [7]**

1. **S. S. Ankushrao**, A. A. Ghanwat, V. N. Kadam, V. P. Ubale and N. N. Maldar, "Synthesis and Characterization of Processable heat resistant Co-Poly(ester-amide)s containing Cyclopentylidene moiety", National Conference on 'Emerging Horizons in Chemical Sciences' at Y.C.I.S. Satara, on 22nd -23rd Dec. **2015. (Oral Presentation)**
2. **S. S. Ankushrao**, A. A. Ghanwat, V. N. Kadam, V. P. Ubale and N. N. Maldar, "Synthesis and Characterization of Poly(ether-azomethine)s containing Cardo Cyclopentylidene moiety", International Conference on Emerging Horizons in Biochemical Sciences & Nanomaterials, Shivaji College, Barshi (Maharashtra), **2013. (Poster Presentation)**
3. **S. S. Ankushrao**, J. N. Mahindrakar, Y. S. Patil, V. P. Ubale and A. A. Ghanwat, "Study on Synthesis and Properties of novel Poly(ether-amide)s containing cyclopentylidene moiety", International Conference on Green Chemistry Catalysis, Energy and Environment (ICGC-2015), Goa University, Goa, **2015. (Poster Presentation)**
4. **S. S. Ankushrao**, J. N. Mahindrakar, Y. S. Patil, V. P. Ubale and A. A. Ghanwat, "" Effect spacer group on properties of poly(ether-azomethine)s containing cardo cyclopentylidene moiety", National Conference on Advaned Research Trends in Chemistry, DBF Dayanand College, Solapur, **2014. (Poster Presentation)**

5. **S. S. Ankushrao**, S.S. Chilgunde, D. V. Adlinge, Y. S. Patil and A. A. Ghanwat, "Effect of various solutions and oxidant concentrations on electrical conductivity of Polyaniline", UGC Sponsored National Conference on Frontiers in Chemical Sciences (FCS-2014), Solapur University, **2014. (Poster Presentation)**
6. V. N. Kadam, **S. S. Ankushrao**, Y. S. Patil, V. P. Ubale, "Synthesis and Characterization of new Poly(ether-amide)s containing naphthyl moiety", National Conference on Advanced Research Trends in Chemistry, DBF Dayanand College, Solapur, **2015. (Poster Presentation)**
7. S. S. Ankushrao, "Cultivating Innovative Ecosystem and Incubation in Higher Education Institutions: A Need for Entrepreneurial Growth in Developing Countries", One day workshop on Development of quality culture in HEIs, IQAC, Vivekanand College (Autonomous), Kolhapur, **2019.**

- **RESOURCE PERSON/CHIEF GUEST/GUEST LECTURES CONDUCTED: 30**

- **WORKSHOPS/SEMINARS/CONFERENCES ATTENDED: 35**

- **PROJECT STUDENTS GUIDED: PG: 25, UG: 50**

- Guided to M.Sc. and B.Sc. students for project work.

DECLARATION:-

I hereby declare that the information furnished above is true to the best of my knowledge.

Place: Kolhapur

(Dr. Sanjay S. Ankushrao)