
CURRICULAM VITAE

❖ Objective:

I am M.Sc in Organic Chemistry (2022) and MH-SET Qualified (2023) and looking for job to provide value based education in higher education institutes by effective utilization of my knowledge, analytical ability, continuous learning and development skills.

My objectives are-

- Seeking a challenging position in a reputed organization where I can learn new skills, expand my research knowledge and leverage my learnings.
- Utilizing acquired skills and knowledge in carving out a career in an organization where there is tremendous potential to learn and work.

➤ Professional Certification :

Patent Filed / Published/ Granted

Sr. No.	Title	Name of Inventors	Application number	Status	Type
1	Smart Kitchen Waste Managing Device	1. Dr. Amol Balbhim Mamlayya 2. Dr. Chandrakant Jagannath Khilare 3. Dr. Vinaya Ashok Patil 4. Mr. Sourabh Chandrakant Khilare 5. Miss. Kajal Ratanlal Rewadkar 6. Miss Rajshri Sujit Chavan	Design Application Number 6292466 Filing Date 26/06/2023	Granted on 03/07/2023	UK Design patent
2	Motor Operated Silk Cocoon Sorting and Deflossing Machine	1. Dr. Amol Balbhim Mamlayya 2. Mr. Sourabh Chandrakant Khilare 3. Dr. Chandrakant Jagannath Khilare 4. Mr. Manisg Devidas Mahindrakar 5. Dr. Amar Bhaskar Kamble 6. Mr. Yogesh Arjun Pathak	395372-001 Filing date 18/09/2023	Granted on / Issued on 06/11/2023	Indian Design Patent
3	Mulberry Silkworm Cocoon Sorting and	1. Dr. Amol Balbhim Mamlayya 2. Mr. Sourabh Chandrakant Khilare 3. Dr. Chandrakant Jagannath Khilare 4. Dr. Amar Bhaskar Kamble	421981-001 Filing Date: 02/07/2024	Granted on / Issued on 14/08/2024	Indian Design Patent

	Deflossing Machine	5. Mr. Yogesh Arjun Pathak 6. Mr. Vikas Vasantrao Bodake			
4	A sustainable organic liquid and slurry fertilizer derived from Tilapia biofloc sludge	1. Miss. Rajashri Laxman Rananavare 2. Dr. Amol Balbhim Mamlayya 3. Mr. Sourabh Chandrkant Khilare 4. Dr. Amar Bhaskar Kamble 5. Mr. Ketan Pandurang Allapurkar 6. Miss. Kavita Dattatraya Kulkarni 7. Miss. Harshada Pramod Chavan 8. Miss. Divya Shashikant Gaikwad 9. Miss. Sayali Raosaheb Waghmare 10. Mr. Changdev Dhanaji Chavan	Application number 202521099785 Filing Date 15/10/2025	Granted	Indian and German Utility Patent
5	Thermochemical Device to Convert waste into Energy	1. Mr. Sourabh Chandrkant Khilare	Application number 479086-001 Filing Date 04/11/2025	Granted	Indian Design Patent

❖ Research Papers:

- GC-MS analysis of the bioactive compounds of *Acmella calva* (DC) R. K. Jansen influenced by AMF; S.C. Khilare and S.A. Patoie (2025); SEEJPH Volume xxvi SI ISSN: 2197-5248
- Mycorrhizal Influence on Metabolite Constituents and Analysis of Phytochemicals by GC-MS in *Stevia rebaudiana* (Bertoni) Bertoni; S.A. Patole and S.C. Khilare (2024); Afr.J. Biomed. Res. vol. 27(4s): 2454-2461
- Synthesis and Characterization of Tetrahydropyrazolo Pyridine Analogous By Using Zn-O Nano Catalyst as a One-Pot Tandem Multicomponent Reactions; Sourabh Chandrakant Khilare (2025); International Journal of Pharmaceutical Research and Applications
- Synthesis, Molecular Docking, Biological Screening and Antioxidant Studies of Substituted 1, 3-Diketones with Their Transition Metal (II) Complexes; Sourabh Chandrakant Khilare (2025); International Journal of Scientific Research in Chemistry

❖ Book/Chapter Published:

- Pioneers in Physics (Chapter 2):- Subrahmanyam Chandrashekar, pp 4-6

❖ **Educational Qualification:**

Degree	Board/University	Year	Result/Percentage
MH-SET	SAVITRIBAI PHULE PUNE UNIVERSITY	2023	
M.sc	SAVITRIBAI PHULE PUNE UNIVERSITY	2022	76.05%
B.Sc	SHIVAJI UNIVERSITY KOLHAPUR	2020	82.80%
HSC	Kolhapur	2017	76.46
SSC	Kolhapur	2015	77.20

❖ Work Experience:-

- Worked as Assistant Professor in Vivekanand College Kolhapur (Empowered Autonomous) College for 1 Academic Year.
- Worked as Assistant Professor in Karmaveer Bhaurao Patil Mahavidyalaya Pandharpur (Autonomous) College for 1 Academic Year.
- Worked as Assistant Professor in S.M. Joshi College Hadapsar, Pune for 1 Academic Year.

➤ Academic Projects :

➤ Project:

Title of the Project: Soil analysis of different land sectors.

Objective	: To determine the percentage of Nitrogen, Phosphorous, Potassium and other trace elements.
Duration	: 1 year.
Abstract	: Soil analysis was carried out to know the percentage of Nitrogen, Phosphorous, Potassium and other elements in different sectors of local land from Vita (Sangli) including agricultural soil, garden soil, barren soil for sustainable agricultural development.

➤ Skill Profile:

- Computer Knowledge : MS word, MS excel, Power point, Paint.

➤ Extra Activities:

1. Participated in University Level NSS (National Service Scheme) camp held at Rajarshi Chhatrapati Shahu College Kolhapur (2017).
2. Participated in District Level competition on "Water Supply and Sanitation held by Ministry of Maharashtra 2015".
3. Participated in District level Youth Parliament held at Y.C.I.S Satara (2019).

4. Attended one day International conference on "NEW HORIZONS OF NANOSCIENCE AND ENERGY RESOURCES 2022" organized by Dept of Chemistry, S.M. JOSHI College, Hadapsar 2022.
5. Attended international webinar on "Energy. Sustainability and New Materials" organized by Dept of Physics, S.M. JOSHI College Hadapsar 2022.
6. Attended two day international conference on "Smart Material for Sustainable Development. Energy and Environmental Application 2023" organized by Dept of Chemistry, K.B.P College, Pandharpur 2023.
7. Attended two days International conference on "Microbes for Sustainable Agriculture, Animal Husbandry And Environment" organized by Dept of Botany and Zoology held at K.B.P College, Pandharpur 2023.
8. Attended National Seminar on " Strategies for Increasing Intellectual Property Filing and Startups to promote Innovation and Entrepreneurship" on 24/03/2025
9. Attended 3 days Edu Tech Faculty Development Program on AI, MOOCs and Smart pedagogy organized by Maharashtra State Faculty Development Academy from 29/09/2025 to 1/10/2025 at MSFDA, Pune
10. Presented Paper in One Day International Conference on Emerging Horizons in Science and Technology: Pathway to sustainability, in Mudhoji College, Phaltan.
11. Presented Paper in One Day Multidisciplinary National Conference on Artificial Intelligence in Educational System and Research for Sustainable Development, in Sharadchandra Pawar Mahavidyalaya Lonad.

❖ **Personal Details:**

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| ➤ Name | : | KHILARE SOURABH CHANDRAKANT |
| ➤ Caste | : | SC |
| ➤ Gender | : | Male |
| ➤ Date of Birth | : | 27/08/1999 |

- **Nationality** : Indian
- **Marital Status** : Single
- **Languages Known** : English, Hindi, and Marathi
- **Current Address** : At/post-Hadapsar, Dist- Pune, Pin- 41028
- **Permanent Address** : At/post- Hadapsar, Dist- Pune, Pin- 41028
- **Hobbies** : Playing Cricket, swimming, reading books

I hereby declare that the information given above is true to the best of my knowledge & belief.

Yours sincerely,

KHILARE SOURABH CHANDRAKANT