

Curriculum Vitae

Dr. SHILPA S. HARAMKAR - WASADKAR

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Objective:

I want to be associate with a progressive organization that provides an opportunity to apply my knowledge and skill in order to keep myself attached with latest trends and technologies.

Ph.D. From Institute of Chemical Technology, Mumbai

Research Guide: Prof B. N. Thorat (Former Director, ICT-IOCB) Institute of Chemical Technology, Mumbai-19

Title of Research Work: Dewatering of Industrial sludge and selected chemicals: Characterization, Evaluation, Kinetics and Process development.

(On-site filtration experimental work has been done at (i) CETP, Mahad, Maharashtra (ii) Paradeep Phosphate Ltd, Paradeep, Bhubaneshwar, Odisha. (iii) Microfilt India Ltd, Umargao, Maharashtra)

Work Experience

1. Currently working as, a Faculty at Veermata Jijabai Technological Institute(VJTI) Mumbai (30/08/2023 till date)
2. Assistant Professor at College of Engineering and Technology, Akola. (July 2012 to December 2015)

Membership

Life member of Indian Society for Technical Education

Publications

1. S.S. Haramkar, S. V. Jadhav, B.N. Thorat. The influence of particle(s) size, shape and distribution on cake Filtration mechanics—a short review, Comptes Rendus Chimie Volume 24, issue 2 (2021)
2. S.V. Jadhav, S. S. Haramkar, B. N. Thorat. Insight into dewatering and characterization of the waste activated sludge. Journal of the Taiwan Institute of chemical Engineering, 2017, 1-7

3. **Shilpa S. Haramkar**, Bhaskar N. Thorat, Sachin V. Jadhav, A study on Controlling losses of P₂O₅ from Phosphoric Acid Plant using Pressure Filtration. (**accepted**), Mining, Metallurgy & Exploration.
4. **Shilpa S. Haramkar**, Bhaskar N. Thorat, Magan Khakaria, Sachin V. Jadhav Integrated MF-RO Filtration system: Separation of ascorbic acid salt (In submission), Food and Bioprocess Technology.
5. Shubham G. Wanje, **Shilpa S. Haramkar**, Bhaskar N. Thorat, Sachin V. Jadhav, Mathematical analysis of cake filtration: Effect of particle size distribution, (In Process).
6. **Shilpa Haramkar**, Nikhil Kankariya, Sanjay Bhagat. Flaring reduction in petrochemical industries. International journal for Engineering Application and Technology, 2014, 56-63)
7. Jinesh Machale, **Shilpa Haramkar**, V.C. Renge. Review on solar fuels. Scientific Review & Chemical Communication, 2013, 100-109

Guided Projects

1. Micro crystalline Protein from Silk Waste
3. A Chemical Powered Engine
4. Production of Methanol

Guided Seminars

1. Solar Fuel
2. Flaring Reduction in Petrochemical Industries
3. Powder Coating Application process

Attendance and Participation in Workshops & Conferences

- ❖ Active member in Organizing committee of 10-13th World Forum for Crystallization, Filtration and Drying (WFCFD). ICT Mumbai.
- ❖ Organizing student committee of SCHEMCON-2018, held at ICT Mumbai.
- ❖ ISTE approved STTP-Recent trends in Engg. & Tech.- 2015, COET, Akola.
- ❖ ISTE approved STTP- Low Cost Automation in Industries -2014, COET Akola.
- ❖ ISTE approved STTP- Analytical tools for Engg. Research-2013- JDIET, Yavatmal.
- ❖ National Conference on Innovation in chemical Engg. & Tech.-2013, Sipna College of Engg & Tech. Amravati.
- ❖ Seminar on GREEN CHEMICAL TECHNOLOGY at S.BG.B.A.U. Amravati -2012

Educational Qualification

Exam passed	College	Board / University	Passing Year	Marks % /CGPA
Ph.D.	I.C.T. Mumbai	I.C.T. Mumbai	2023	-
M.Tech. (Chem. Engg.)	U.D.C.T. Amravati.	SGBAU, Amravati	2013	78.75%
B.Tech.	U.D.C.T. Amravati.	SGBAU, Amravati	2010	58.84%
Diploma Chem. Engg.	Govt. Polytechnic, Yavatmal	SGBAU, Amravati	2005	63%

Academic Projects

1. TEXTILE DYING WASTE WATER MANAGEMENT BY USING MEMBRANE TECHNOLOGY
2. APPLICATION OF HYDROPHOBIC MEMBRANE
3. MICROBIAL DESULPHURIZATION PROCESS
4. RECYCLING OF USED TRANSFORMER OIL
5. BLENDS OF PETROLEUM

Computer Skills

Knowledge of MS-Office, Aspen

Declaration

I am confident of my ability to work in team. I hereby declare that the information furnished above is true to the best of my knowledge.

Dr. Ms. Shilpa Haramkar- Wasadkar
Ph.D. Chemical Engineering,
Institute of Chemical Technology, Mumbai-19, INDIA

