



Dr. SUHAS DASHARATH DOKE

**Assistant Professor,
Department of Chemical Engineering**



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OVERVIEW:

Qualifications: Ph.D. (CHEM), ME (CHEM), BE (CHEM)
Experience: Teaching -02 years
Date of Joining STES: 12/09/2023
Skills and Proficiencies: HSC Chemistry 4.1, MATLAB.

SIGNIFICANT ACHIEVEMENTS:

- Recipient of Department of Science and technology (DST), Government of India fellowship at SCIR-Neeri, Nagpur. (19th February 2016 to 16th July 2017).
- Recipient of Ministry of Human Resource Development (MHRD) Scholarship at SVNIT Surat, (27 July 2017 - 30th December 2021).
- The Gujarat council on science and technology (GUJCOST) award fund of Rs.10000, to arrange National level webinar/ STTP on CO₂ sequestration technology and CO₂ Utilization.

AREA OF EXPERTISE /RESEARCH INTERESTS:

- **Nanotechnology**
- **Solid waste management**
- **Renewable energy Sources**

NUMBER OF STUDENTS GUIDED:

- PG – 03 UG – 8 Groups

RESEARCH PULICATIONS:

- Scopus/ SCI-05
- International Journal: 11
- Conference : 02
- h-index : 04
- i10 index : 03
- Google scholar link:
https://scholar.google.com/citations?hl=en&user=_0bOMosAAAAJ

RESEARCH WORK:

PhD Research Work

The research work involves study of synthesis of nano particles, aerogel, hydrogel and study their field application. The optimize synthesis parameter for synthesis of quality product.

RESOURCE PERSON TO INDUSTRY/ACADEMIA:

Delivered expert lecture in five-day work on solid waste management arranged by Department of Civil engineering and Department of Chemical Engineering in Aditya Silver Oak Institute of technology, Silver Oak University, Ahmedabad. (03rd March 2023)

SUBJECTS TAUGHT:

- Mass transfer operation
- Chemical reaction Engineering
- Process modelling and simulations
- Chemical Technology
- Engineering Materials

FDP/STTP/SDP/WORKSHOPS ORGANIZED AS A COORDINATOR:

- Dept. Co-Ordinator for Three Online FDP's Organized By Department Of Chemical Engineering, On "Emerging Trends In Sustainable Technologies", Date: 13th December 2023 To 15th December 2023.

CONFERENCES ATTENDED:

- **Suhas D. Doke**, Ajinkya Anjekar, Ganesh R. Kale, Atul N. Vaidya "Gasification of rice husk using Fe₂O₃", A National Conference on Inter- and Intra- Disciplinary Blend of Chemical Engineering, at VNIT, Nagpur in 2016. {Secured Second position in Conference}

- **Suhas D. Doke**, Vaishali S. Waghmare, Ganesh R. Kale, Atul N. Vaidya, “Thermodynamic modelling of Pyrolysis process”, A National Conference on Inter- and Intra-Disciplinary Blend of Chemical Engineering, at VNIT, Nagpur, 2016.
- **Suhas D. Doke**, Vaishali S. Waghmare, Ganesh R. Kale, “Experimental study of effect of pressure on pyrolysis of biomass”, In “NCOAT-NIRMITI” at P.I.E.T. Nagpur in 2016.
- **Suhas D. Doke**, Ganesh R. Kale, Sadanand Y. Guhe, “Thermodynamic study of Pyrolysis of biomass”, In “NCOAT-NIRMITI” at P.I.E.T. Nagpur in 2015.

FDP/STTP/SDP ATTENDED:

- TEQIP/AICTE/ISTE/IETE sponsored FDP -04
- Others -3

RESPONSIBILITIES HANDLED AT STES/SCOE/DEPT:**Department Level :**

- **Sports coordinator**
- **NPTEL/MOOC course coordinator**
- **Industrial visit coordinator**

DECLARATION:

I hereby declare that all the above information furnished by me are true to the best of my knowledge.

Date: / / 2024

Signature