



Personal Profile

Name: Ms. Shirsat Gayatri Madhukar
Date of Birth: 18th April 1991
Sex: Female
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Education

Degree	Institute/University	Class and percentage	Year of passing
M.E. (Mechanical – Design Engineering)	University of Pune, Pune	First class (7.15)	2015
B.E. (Mechanical Engineering)	University of Pune, Pune	First class (64.9%)	2012

Thesis/dissertation

Degree	Supervisors	Title
M.E	Prof. N. K. Kharate	Experimental Investigations and analysis of tyre deformation for enhancing its life. (Sponsored by CEAT Tyres, Satpur, Nashik)

Professional experience details

Total experience as on 7th March 2022: 9.8years

Organization/institute	Department	Post	From	To	Experience
MVPS's KBT College of Engineering, Nashik (NAAC Accredited 'A' grade institute)	Mechanical Engineering	Assistant Professor	1/8/2012	Currently working	9.8 years

Publications

Total publications: 3

Journal Papers& Conference Proceedings

- Sandip kumar Sonawane, Suyash Pawar, **Gayatri Shirsat**, Premraj Joshi, COP improvement in ice plant using brine based metal oxide nano-refrigerants, Journal of The Institution of Engineers (India): Series C (Springer), responses to the reviewer's comments have been submitted.
- Patalpure Ganesh M., Dalavi Ganesh R., Patil Manoj G., Kasture Shubham R., **Shirsat Gayatri M.** Pneumatically operated sugarcane bud cutting machine, International Research Journal of Engineering and Technology (IRJET) Vol. 7 Issue 6 June 2020, PP 3745 - 3748
- **Gayatri Madhukar Shirsat**, Prof. N. K. Kharate Experimental Investigation and Analysis of Tyre Deformation for enhancing its life , International Journal of Innovations in Engineering and Technology (IJIET) Vol. 5 Issue 1 February 2015 PP 69 - 74

NPTEL /Coursera Courses completed

- Excel Skills for Business: Intermediate - I
- Advanced Manufacturing Process Analysis
- Excel Skills for Business Essentials
- Programming for Everybody (Getting Started with Python)
- Spreadsheets for Beginners
- Write Professional Mails in English
- The Science of Well-Being
- Grammar and Punctuation
- Rapid Manufacturing
- Accreditation and Outcome based Learning
- NBA Accreditation and Teaching-Learning in Engineering

Subject taught

Sr. No.	Institute	Subjects
1	MVPS's KBT College of Engineering, Nashik	Systems in Mechanical Engineering, Engineering Graphics, Basics in Mechanical Engineering, Engineering Graphics II, Automobile Engineering, Manufacturing Process – II, Advanced Manufacturing Processes

Administrative work and technical activities

Sr. No.	Institute	Activities
1	MVPS's KBT College of Engineering, Nashik (NAAC Accredited 'A' grade institute)	<ul style="list-style-type: none">• Member: IQAC• Member: AntiraggingCommittee

Conferences / Seminars / Workshops/ FDP's participated

- Participated in ATAL FDP on 3D printing and Design held during 14th Sept. to 18th Sept. 2020 organized by Bharati Vidyapeeth College of Engineering.
- Participated in One day workshop on Renewable Energy and its use in Daily life held from 6th Feb 2019, organized by NDMVPS's KBT COE, Nashik.
- Two days workshop on Condition Monitoring of Rotating Machinery held from 7th to 8th Feb 2017, organized by NDMVPS's KBT COE, Nashik.
- Two days workshop on Latex held from 8th to 9th March 2017, organized by NDMVPS's KBT COE, Nashik.
- Participated in FDP organized by MCED from 11th March to 21st March 2016.
- Participated in Two days state level workshop on Emerging Trends in Heat Transfer Engineering held from 4th to 5thFeb 2016, organized by NDMVPS's KBT COE, Nashik.
- Participated in Two days state level seminar on Tribological Aspects in Design from 3rd to 4th October 2013, organized by NDMVPS's KBT COE, Nashik.
- Participated in FDP on MasterCAM and Spaceclaim held from 30th to 31st August 2013 organized by SIEM, Nashik.

Declaration

I consider myself familiar with Mechanical Engineering Aspects. I am also confident of my ability to work in a team.I hereby declare that the information furnished above is true to the best of my knowledge.

Place: Nashik (Maharashtra State)

(Ms. Shirsat Gayatri Madhukar)