

**GHARDA FOUNDATION'S  
GHARDA INSTITUTE OF TECHNOLOGY**

**FACULTY PROFILE**

of

**Prof. Dr. R. R. KALAMKAR**

**Department of Mechanical Engineering**



## PERSONAL PROFILE

Full Name	:	KALAMKAR ROHAN RAVISHANKAR SUJATA
Highest Educational Qualification	:	Ph.D. (Mechanical Engineering)
Permanent address	:	201, Siddhi Sankul, A/p- Bharne, Tal. - Khed, Dist. - Ratangiri, PIN - 415621
Contact telephone numbers	:	8805012554
E-mail id	:	rrkalamkar@git-india.edu.in
Current designation	:	Assistant Professor
No. of Research papers	:	8
Books published	:	-
Number of Conferences / Workshops / STTPs conducted	:	Conferences - 1 FDP/STTPs -1
Number of Conferences / Workshops / STTPs attended	:	Conferences - 6 FDP/STTPs -15
Syllabus workshops	:	-
Technical Seminar /Workshops	:	1

## EDUCATIONAL QUALIFICATION

Degree	Specialization	Year of passing	Institute/University	Percentage
Ph.D.	Mechanical Engineering	2021	Lokmanya Tilak College of Engineering, Navi Mumbai (University of Mumbai)	
M.E.	Mechanical Engineering	2014	Lokmanya Tilak College of Engineering, Navi Mumbai (University of Mumbai)	74
B.E.	Mechanical Engineering	2009	Finolex Academy of Management and Technology, Ratnagiri (University of Mumbai)	70

## RECOGNITIONS / APPRECIATIONS RECEIVED

Sr. No.	Title	Awarded by	Date	Remarks
1	Study of Composite Material	National Conference at Lokmanya Tilak College of Engineering, Navi Mumbai	October 2013	2 <sup>nd</sup> rank
2	Best Player in UTOPIA2K8	Finolex Academy of Management and Technology, Ratnagiri	2008	Best Player

## RESEARCH PAPER(S) /BOOKS PUBLISHED

### PAPERS PUBLISHED IN REFERRED JOURNALS

Publication	Title of paper	Year of Publication
In: Pawar P.M., Balasubramaniam R., Ronge B.P., Salunkhe S.B., Vibhute A.S., Melinamath B. (eds) Techno-Societal 2020, Springer, Cham. pp. 29-36.	Behavior of Ammonia Borane as Solid-state Hydrogen Storage Material	2021
In: Kumar, S., Rajurkar, K.P. (eds) Advances in Manufacturing Systems. Lecture Notes in Mechanical Engineering. Springer, Singapore.	Fabrication and Analysis of Apparatus for Measuring Stored Renewable Hydrogen Energy in Metal Hydrides	2021
International Journal of Hydrogen Energy (IJHE)	The consequence of silicon additive in isothermal decomposition of hydrides LiH, NaH, CaH <sub>2</sub> and TiH <sub>2</sub>	2020
In: Pawar P., Ronge B., Balasubramaniam R., Vibhute A., Apte S. (eds) Techno-Societal 2018 Springer, Cham. pp. 1037-44	Hydrogen Storage Characteristics of Mixture of Lithium Amide and Lithium Hydride Using Severt's Type Apparatus	2020

In: Pawar P., Ronge B., Balasubramaniam R., Seshabhatar S. (eds) Techno-Societal 2016. ICATSA 2016. Springer, Cham, pp. 569-577	Development of Experimental Setup for Measurement of Stored Hydrogen in Solids by Volumetric Method	2018
Procedia Materials Science 5, 96-105	Effect of span-to-depth ratio on flexural properties of wood filled steel tubes	2014

### PAPER PRESENTED AT CONFERENCES (National/International)

Sr. No.	Conference	Title	National/International	Location	Year
1	International Conference on Green Energy for Sustainable Development	Exploring hydrogen storage in hydride forms for sustainable development	International	Government Polytechnic, Nagpur, Maharashtra	2019
2	National Level Conference on Technologies for Developing Nation	Study of Composite Materials	National	Lokmanya Tilak College of Engineering, Navi Mumbai	2013

### NATIONAL AND INTERNATIONAL CONFERENCES ATTENDED

Sr. No.	Name of the course	Place	Duration
1	International Conference on Advanced Technologies for Societal Applications	SVERI's Pandharpur.	11-12 December 2020
2	International Conference on Recent Advances in Manufacturing	SVNIT, Surat.	3-5 July 2020
3	International Conference on Green Energy for Sustainable Development	Government Polytechnic, Nagpur.	26-27 February 2019
4	International Conference on Advanced Technologies for Societal Applications	SVERI's Pandharpur.	14-15 December 2018
5	International Conference on Advanced Technologies for Societal Applications	SVERI's Pandharpur.	20-21 December 2016
6	National Level Conference on Technologies for Developing Nation	LTCOE, Navi Mumbai	12 October 2013

**NATIONAL AND INTERNATIONAL WORKSHOPS / STTPS  
ATTENDED  
TECHNICAL WORKSHOP/STTP/SEMINARS**

Sr. No.	Name of the course	Place	Duration
1	IPR: FROM SCRATCH	GIT, Lavel	23-27 May 2022
2	Understanding AI and ML from scratch	GIT, Lavel	27-31 December 2021
3	Dimensional Management ASMEY 14.5 Standards	FAMT, Ratnagiri	5-10 July 2021
4	Exploring the Dimensions of Innovation Incubation and Emerging Technologies to Embrace Post COVID Changes	FAMT, Ratnagiri	8-12 June 2020
5	Research Opportunities and Challenges in Manufacturing Sector	SVERI's, Pandharpur	1-6 June 2020
6	Exploring Research with Value Added Quality Publications	ANSAL, Gurgaon (Online)	12 May 2020
7	Recent Advances in Computer Aided Engineering	RM CET, Ambav	25-30 June 2018
8	Energy Crisis & Role of Energy Management and Renewables	GIT, Lavel	9-11 July 2015
9	Computer Programming, GIT through ISTE & ICT (MHRD) conducted by IIT Bombay	GIT, Lavel	16-21 June 2014
10	Signals & Systems, GIT through ISTE & ICT (MHRD) conducted by IIT Bombay	GIT, Lavel	2-12 January 2014
11	Engineering Mechanics, GIT through ISTE & ICT (MHRD) conducted by IIT Bombay	GIT, Lavel	26 November to 6 December 2013
12	Engineering Thermodynamics, GIT through ISTE & ICT (MHRD) conducted by IIT Bombay	GIT, Lavel	11-21 December 2012
13	Aakash for Education, GIT through ISTE & ICT (MHRD) conducted by IIT Bombay	GIT, Lavel	10-11 November 2012
14	Introduction to Research Methodologies, GIT through ISTE & ICT (MHRD) conducted by IIT Bombay	GIT, Lavel	25 June to 4 July 2012

15	Design and Analysis of Pressure Vessels	GIT, Level	20-21 February 2011
16	Piping Design and Simulation	Bharti Vidyapeeth, Navi Mumbai	4-8 January 2010

### WORKED AS EXAMINER

Sr. No.	Name of the Course	Place	Duration
1	Examiner for Engineering Mechanics, Engineering Drawing, Strength of Material, Production Process, Material Testing, Hydraulic Machinery, Mechatronics, Metrology & Quality Engineering, Design of Mechanical Systems, Business Process Reengineering, Supply Chain Management, Mechanical Utility System and Thermal & Fluid Power	GIT, Level	As per requirement every semester in the month of May/ June or November / December
2	Examiner/ Moderator for Production Process, Material Technology, Mechanical Measurement & Control, Metrology & Quality Engineering, Fluid Mechanics, Mechatronics	G.M. Vedak Institute of Technology, Tala	December 2016 January 2017 December 2018 May 2019
3	Examiner/ Moderator for Engineering Mechanics	Finolex Academy of Management and Technology, Ratnagiri	January 2012 December 2012 February 2014

### CO-CURRICULAR ACTIVITIES / ORGANISING COMMITTEE

Sr. No.	Name of the activity	Name of College	Date	Played
1	Industrial Visit	GIT, Level	Every Year 2009	Departmental Coordinator
2	University Exam	GIT, Level	November & December 2014 November & December 2016	Senior Supervisor
3	University Exam	GIT, Level	December 2010 May 2011 May 2018	Under study supervisor
4	University Exam	GIT, Level	December 2018	Offline CAP Coordinator

## MEMBERSHIP OF PROFESSIONAL BODIES

Sr. No.	Professional Body	Nature of Membership	Date
1	ISTE	Lifetime	2011

## EXTRA CURRUCULAR ACTIVITIES / ORGANISING COMMITTEE

Sr. No.	Name of the activity	Name of College	Date	Played
1	Cultural Committee	GIT, Level	Every Year since 2017	Departmental Coordinator
2	Mentorship Committee	GIT, Level	Every Year since 2016	Departmental Coordinator
3	Branding/ Admission Committee	GIT, Level	Every Year since 2015	Departmental Coordinator
4	Synergy	GIT, Level	Every Year since 2017	Departmental Coordinator
5	NSS	GIT, Level	2014-15 & 2015-16	Programme Officer
6	SHODH2022	GIT, Level	March 2022	Departmental Coordinator
7	Jr. College Principal's Conference	GIT, Level	March 2022	Convener
8	Unnat Maharashtra Abhiyan	GIT, Level	2016	Programme Coordinator

## ORGANISING COMMITTEE

Sr. No.	Name of the activity	Name of College	Duration
1	Jr. College Principal's Conference	GIT, Level	23 March 2022
2	ShivJayanti	GIT, Level	19 February 2019 19 February 2020 19 February 2021 19 February 2022

## WORKED AS RESOURCE PERSON: TAUGHT SUBJECTS

Sr. No.	Year	Subject	Name of College	Duration
1	2022	Recent Trends in Mechanical Engineering	SMT. Geeta D. Tatkare Polytechnic, Kolad	6 April 2022
2	2022	Hydrogen Energy & its applications in the automobile sector	Sheth Shri. Otarmal Sheshmal Parmar College of Diploma Engineering, Nagothane	6 April 2022
3	2022	Hydrogen Energy & its applications in the automobile sector	Government Polytechnic, Ratnagiri	21 April 2022
4	2015-2022	Career Guidance	11 <sup>th</sup> & 12 <sup>th</sup> Jr. Science Colleges in Ratnagiri & Raigad region	Every year since 2015

**Dr. Kalamkar R. R.**