

CURRICULUM VITAE



MANGESH S. PRABHAVALKAR

322, C-Ward, Dattanagar
Devrukh, Tal-Sangameshwar,
Dist-Ratnagiri, 415 804
Mob: 8275455590, (02354) 243217
prabhavalkar_ms@rediffmail.com

PROFILE

Nationality : Indian
Date of Birth : 19-07-1977
Sex : Male
Marital Status : Married
Languages Known : English, Marathi, Hindi

CAREER OBJECTIVE

To procure a promising position in which I can excel and use my technical and management skills with confidence and efficiency in the best interests of the organization. To constantly upgrade my knowledge and skills and make a difference in whatever I do.

EDUCATION QUALIFICATIONS

Examination	School/College
M.E. (Mech-Prod)	KIT's COE, Kolhapur
B.E. (Mech)	KES's RIT, Sakharale , Islampur
H. S. C	Sadguru Gadge Maharaj College, Karad
S. S. C	Janata Vidyalay, Angawali, Dist-Ratnagiri

M. E. PROJECT DETAILS

ME (Mech-Prod) project-:

Title: "Computer Aided Design and Prototyping of Double Cam Operated Power Press"

SUBJECT OF INTEREST

1. Mechanical Measurement & metrology
2. Materials Technology
3. Supply chain Mgmt
4. Operation planning & control
5. Environment Mgmt

COMPUTER SKILLS

1. Pro-E:

(Have completed **Certificate course in "Pro/E Wildfire 4.0"** of SOFTCAD Computer Center, Kolhapur from 16th Aug. to 01st Oct. 2008.)

2. Autodesk Inventor, FreeCAD

3. AutoCAD:

(Have completed **Certificate course in "AutoCAD"** of MBTB, Kolhapur from 03rd Sept. to 10th Jan. 200

PAPER PUBLISHED

International Journal:

Sr No	Title of Paper presented	Name of Journal	Details
1.	"Design of Solar Powered Water Distillation Plant "	International Journal for Research in Engineering Application & Management (IJREAM)	Volume 04, Special issue – CTRD Dec-2018, 4+MSP, pp:44-46.
2.	"Determination of Tempering Temperature and It's Effect on Different Sized Specimen of EN 24 Steel"	IJARSE	Vol 07, special issue no. 07, April 2018. (1+3). IF: 2.83, ISSN:2319-8354
3.	" Influence of Tempering Temperature on Mechanical Properties and Microstructure of EN 24 Steel",	<i>IOSR Journal of Computer ering</i>	<i>e-ISSN: 2278-0661,p-ISSN: 2278-8727, Dec 2016, PP 96-101(1+3)</i>
4.	"Design of Solar Powered Water Distillation Plant "	International Journal for Research in Engineering Application & Management (IJREAM)	Volume 04, Special issue – CTRD Dec-2018, 4+MSP, pp:44-46.
5.	"Determination of Tempering	IJARSE	Vol 07, special issue

	Temperature and It's Effect on Different Sized Specimen of EN 24 Steel"		no. 07, April 2018. (1+3). IF: 2.83, ISSN:2319-8354
6.	" Influence of Tempering Temperature on Mechanical Properties and Microstructure of EN 24 Steel",	<i>IOSR Journal of Computer Engineering</i>	<i>e-ISSN: 2278-0661,p-ISSN: 2278-8727, Dec 2016, PP 96-101(1+3)</i>
7.	titled " Design and fabrication of turning fixture for CNC lathe machine"	International Journal of innovative research in science and engineering	<i>ISSN: 2454-9665,vol-2, Issue-09, Sept 2016,PP 232-237 (1+2)</i>
8.	"Design and fabrication of multioperational wood working machine",	<i>International Journal on recent technologies in mech and electrical engg</i>	Volume: 2, Issue: 4, April 2015, ISSN: 2349-7947, pp 06-08
9.	"Design and development of stirrup making machine"	<i>International Journal for Research in Technological studies</i>	<i>Vol. 2, Issue 5, April 2015 / ISSN (online): 2348-1439, pp 41-43.</i>
10.	"Optimization of Machining Parameters of M.S. in Vortex Tube Cooling"	<i>in International Journal of Research in Advent Technology</i>	<i>Vol.2, No.6, June 2014 E-ISSN: 2321-9637.</i>
11.	"Design And Fabrication Of Gravity Assisted Free Energy Pump"	Journal of Engineering Research and Studies	Vol. IV/ Issue II/April-June, 2013/12-15 (E-ISSN0976-7916
12.	"Optimization of milling process parameters of EN33 using Taguchi parameter design approach"	International journal of Engg Research & studies	Vol III, Issue I, Jan-March 2012/70-74.
13.	"Design and prototyping of cam based power press"	International journal of advanced Engg Tech	Vol III, Issue I, Jan-March 2012.

National Conference Proceedings :

Sr No	Title of Paper presented	Name of Journal	Details
1.	"Design and Development of experimental testing model of Electromagnetic clutch"	Proceedings of CTRD 2K22 (National Level) at RMCET, Ambav	yr 21-22
2.	"Prototyping and automation of Galvanization setup	Proceedings of national conference on Recent advancements in Engg-12	Vol II, June 2012/201 (ISBN: 978-93-82062-39-4).

PAPER PRESENTED**International Conference:**

Sr No	Title of Paper presented	Conference venue	Date
1.	"Determination of Tempering Temperature and It's Effect on Different Sized Specimen of EN 24 Steel", IJARSE, Vol 07, special issue no. 07, April 2018. (1+3). IF: 2.83, ISSN:2319-8354, pp 937-945	Reva University, Bengaluru (13 th International conference on RTESM)	23 TO 24 April 2018.
2.	Design and fabrication of turning fixture for CNC lathe machine	SRCE, Pune, ICRTES 16, (International Level)	29-30 Sept 2016

National Conference:

Sr No	Title of Paper presented	Conference venue	Date
1.	8. Design and Development of experimental testing model of Electromagnetic clutch	RM CET, Ambav, CTRD 2K22 (National Level)	16 April 22
2.	7. "Modified Design of rice planting machine"	RM CET, Ambav, CTRD 2K18 (National Level)	21 Dec 2018
3.	6. "Design of Solar Powered Water Distillation Plant "	RM CET, Ambav, CTRD 2K18 (National Level)	21 Dec 2018
4.	5. Influence of Tempering Temperature on Mechanical Properties and Microstructure of EN 24 Steel	RM CET, Ambav, CTRD 2K16 (National Level)	16-17 Dec 2016
5.	4. Prototyping and automation of Galvanization setup	Sanjeevan Engg & Tech Institute, Panhala (National Level)	22-23 th June 2012
6.	3. Design of cam based power press	RM CET, Ambav National Level	13 th Mar 2010
7.	2. Design & analysis of double cam operated power press	A.G.Awate C.O.E.,pune National Level	5 th Mar 2010
8.	1. CAD OF Double cam operated power press	TKIET, waranagar National Level	27 th Feb. 2010

PROGRAMS ATTENDED

Sr. No.	Name of Program	Venue	Date
1.	A two Days National seminar on “Application of soft technologies in Higher Education” (ASTHE 2008)”	RM CET, Ambav	25 th to 26 th July 2008.
2.	STTP On “Advanced materials in engg.”	SSPM, Kankavli	13 th to 17 Dec. 2010
3.	One week STTP on “Advances in Manufacturing & Precision Engg.”	NIT, Surathkal & CMTI, Bangalore, Karnataka	20 th to 24 th Jun 2011
4.	One week STTP on ANSYS SOFTWARE	RM CET, Ambav	24 th to 28 th Dec. 11
5.	One week STTP on “Faculty Empowerment Programme” By WIPRO	RM CET, Ambav	07 th to 11 th May 2012.
6.	One week workshop on “Research in Prod & Industrial Engg”	Walchand college of Engg., Sangli	10 th to 14 th Dec. 2012.
7.	One week STTP on “Recent advances in Machining”	NMA MIT, Nitte, Karnataka	10 th to 15 th Jun. 2013.
8.	One day workshop on “Outcome based education”	RM CET, Ambav	12 nd Jul 2014.
9.	Two week STTP on “Integration of R & D, Consultancy with Academic activities”	Thakur CET, Kandivali	15 th to 26 th Dec. 14
10.	One week STTP on “FEA using Ansys 15.0”	RM CET, Ambav	12 nd to 16 th Jan 15
11.	One week STTP on “Advances in manufacturing engg”	Daulatrao Ahir college, Karad	5 to 10/12/16
12.	Two week STTP on “RTCMMP”	RIT, Islampur	13-23/10/17
13.	One week AICTE-ISTE sponsored STTP on “Recent advances in CAE”	RM CET, Ambav	25-30 June 18
14.	Attended one day w/s on “understanding climate change and sustainable development goals ”	ACS College Lanja	20/8/18
15.	8 week NPTEL online certificate course on “NDT”	Online	Jan-Mar 2019
16.	1 week training programme on Advanced Mechatronics by Prolific systems & Tech Pvt Ltd Pune.	RM CET, Ambav	28 Mar to 02 April 2019
17.	“NAAC awareness program for faculty”	MMIT, Pune	8-14 May 20
18.	Online ws on “Smart use of ICT using wordpress (blog creation)”	SNJB’s COE, Nashik	11/5/20
19.	Learning program on “Basic Metallurgy”	Online-TATA steel	11/5/20
20.	Online “Faculty program on NBA”	Bharti Vidyapith COE, Navi Mumbai	13/5/20
21.	1 week FDP on “Outcome based education : A step towards excellance”	GCE, Karad	11-15 May 20
22.	1 week FDP on “Advanced trends in Engg”	NIT, Nagpur	19-23 May 20
23.	Participated in the Webinar on “Nano technology in water and waste water treatment”	Indian water works association, Vadodara	20 May 20

24.	1 week STTP on “Advanced Optimization tools and techniques for researchers and engineers”	Sinhgad COE, Pandharpur	23-27 May 20
25.	Participated in the Webinar on “Teachers are leaders (TRL)”	Bharti Vidyapith COE, Navi Mumbai	23 May 20
26.	Participated in the Webinar on “World environment Day”	Central pollution control board	27 May 20
27.	Participated in the Webinar on “CO-PO Mapping”	Sri Mankula Vinyagar Engg college, Puducherry	29 May 20
28.	1 week STTP on “Innovation, entrepreneurship and its relevance in industry ”	Terana Engg college, Navi Mumbai	25-29 May 20
29.	Participated in the Webinar on “Learning from the first 10 yrs of E-mobility in Europe”	U V Patel COE, Gujrat	2 June 20
30.	Participated in the Webinar on “Biodiversity”	Indian water works association, Pune	5 June 20
31.	Participated in the Webinar on “Waste to energy”	MIT, Aurangabad	5 June 20
32.	1 week FDP on “Product Design and novelty”	Dr Vikhe Patil COE, Ahmadnagar	6-10 June 20
33.	Participated in the Webinar on “Design-past, present and future”	D J Sanghavi COE, Vile Parle	13 June 20
34.	Participated in the Webinar on “Intellectual property rights (IPR) for intellects”	P V Patil Institute of tech., Budhgaon	20 June 20
35.	Participated in the Webinar on “Guidance on selecting industry – relevant projects for final year”	Datta Meghe COE, Navi Mumbai	20 June 20
36.	short course on “Learn to design your own solar home system”	Maharashtra institute of digital education	29 June 20
37.	Two week STTP on “Effective use of ICT tools in online teaching ”	MIT, Aurangabad	22 nd June to 4 th July 20
38.	Attended faculty orientation program for “CAD-Modelling”	Pillai COE, Panvel	24 July 20
39.	Participated in the Webinar on “Assessment and accreditation process of NAAC”	Pillai COE, Panvel	28 Aug 20
40.	1 week Online FDP on “Advanced materials processing”	FAMT, Ratnagiri	21 Feb to 25 Feb 22
41.	1 week FDP on “Advanced concepts of Outcomes - based education”	YCIS Satara	24-29 March 22
42.	Participated in One Day National Level Seminar on “Understanding of Key Indicators and Metrics for Preparation of DVV and Documents for Submission of SSR of Autonomous Institutes”	AISSMS COE, Pune	01 Oct 22
43.	Attended webinar on “Best practices for building an in-campus sustainable incubation Centre’	SANDIP TBI, Nashik	07/11/22

PROGRAMS CONDUCTED

Sr. No.	Name of programs conducted	Date
1.	Arranged a Trekking tour at top of Marleshwar Waterfall	06th Feb 2012
2.	Arranged a Trekking tour at Tikleshwar	26th Feb 2012
3.	Organized a One day seminar on "Renewable energy, A need of present and future India" By Dr. Nazim Padvekar, Reliance solar energy, MIDC, Ratnagiri	23rd Aug. 2012
4.	Organized a Nature club Exhibition during NOVATURE T12	05th Oct 2012
5.	Arranged a Trekking tour at Mahiman Fort	20th Jan 2013
6.	Organized a Four Days course of "Art of Living"	7 th Feb to 10 th Feb 2013
7.	Organised Swachhta abhiyan at Marleshwar Temple during Sankranti for NSS students.	15-02-15
8.	Arranged Lectures of Sadhaka's of Manshakti Research centre, Lonavale for students of all branches and staff.	27 & 28-2-15 (8 hrs)
9.	Arranged a Trekking tour at Panhalgadh & Pawangadh	26 th Jul 2015
10.	RM CET NATURE CLUB organized workshop of Art of Living Foundation for students and staff. It was five days workshop. Total 60 students from various branches participated in this workshop.	13th to 17th Jan. 2016
11.	arranged a Plantation Programme	1 July 2016
12.	arranged a Trekking Tour at "Vishalgadh & Pawankhind"	28 th Aug. 2016
13.	Arranged a seminar on "Industrial Automation" for B E Mech and EXTC STUDENTS, Delevered by Mr. Kiran Dhaigude, Manager (Instrumentation) of Micro Innotech Ind. Pvt. Ltd., Pune.	07 th Feb. 2017
14.	Organised competitions of Photography, Best out of waste, Rangoli during Aarohan	25 th Feb. 2017
15.	Carried out the work of registration of Haritsena	March 2017
16.	Carried out the work of measurement C sequestration of college campus	March 2017
17.	Carried out the work of building a composting plant	
18.	arranged a Plantation Programme	1 July 2017
19.	arranged a Trekking Tour at "PAWANKHIND, KASARI DAM & WATERFALL, BARKI WATERFALL"	17th Sept. 2017
20.	Arranged a seminar on "Green Audit " by Dr. Vikrant Berde, Arts, commerce & Science College, Lanja.	22nd Sept. 2017
21.	Arranged a seminar on "Environment Consciousness" by Dr. Shrinath Kavade, Director, Eco Space Green, Pune.	22nd Sept. 2017
22.	Arranged competition "Green techno model" during Scintilla 2k18	16 Feb 2018
23.	Conducted plantation programme in campus (135 trees planted)	02/07/18
24.	Arranged a Industry visit for MT subject of S E Mech students at Vanaz engineers Pvt Pld, MIDC, Sadvali, Devrukh	31/08/18
25.	Arranged a nature trek at "Khorninko Dam, Katalshilp and Temples in Rajapur Taluka" for the students of all branches under the head of Nature club.	7/10/18

26.	Arranged a seminar for Mech engg students on “Career guidance” delivered by Mr. Shreyas Sankav (kamat), Managing director, S.K. Heat Treaters, Kolhapur	8/10/18
27.	Arranged seminar on “orientation on project mgmt in Mech Engg” under CGC for TE Mech students By Mr. Ashish Das, Synergy, Pune	12/2/19
28.	Arranged seminars of Manashakti Research Centre, Lonavala for aal dept students including FE & MMS, 700+ students got benefitted, 5 sadhak delivered seminars.	27 to 28/02/19
29.	Arranged online seminar under NATURE CLUB head on Innovative practices for Environment Conservation , delivered by Dr. Milind V. Shirbhate Associate Professor, Shankarlal Khandelwal Arts, Science and Commerce college, Akola for club members and final yr students studying subject Environment Mgmt (ILOC-II). About 50 students attended the webinar in online as well as offline mode in seminar hall.	22/02/22
30.	Conducted a One day workshop on “3D Printing”, resource person was Mr. Rushikesh Rasal, AP, FAMT, Ratnagiri for class SE (Mech & Auto) IV. Total 61 students attended this ws in CAD CAM Lab.	23/4/22
31.	Organized Tree plantation program in our college campus under nature club.	19/07/22
32.	Conducted Rangoli competition during Aarohan 2K23	3/2/23
33.	Organized a program to celebrate the “ Solar Appreciation Day ” under nature club.	14/03/23
34.	conducted an activity “ Measurement of Carbon Sequestration ” under nature club.	28/03/23 to 31/03/23

EXTRA CURRICULAR ACTIVITIES

Sr. No.	Details of Activity	Date
1.	Worked in media committee during State level science exhibition in RMCET.	17 to 21-2-15
2.	Worked in Shivjayanti celebration committee as coordinator	19-2-15
3.	Interviewed a Film Actor Vaibhav Mangle on 5-3-15 for college Magazine.	5-3-15
4.	Working as Nature club coordinator and NSS co-coordinator.	1 Yr
5.	Working in RMCET media committee as member.	1 Yr
6.	Worked as green techno model competition committee head	16/02/18
7.	Coordinated one day w/s on 3D printing By Mr. Utkarsha Ankalkhope	27/2/18
8.	Coordinated Final yr students Farewell function arranged by third yr students	12/4/18
9.	Worked in organizing committee of One week AICTE-ISTE sponsored STTP on “Recent advances in CAE” in RMCET	25-30 June 18
10.	Worked as Media head for Youth festival in RMCET	06/8/18
11.	Attended one day teachers training workshop on “Climate change and sustainable development goals” at ACS college Lanja	20/8/18
12.	Worked for getting industry named S.K. Heat Treaters, Kolhapur for signing MOU	8/10/18

13.	Worked as NTA observer for NEET exam at Thane centre	5/5/19
14.	Participated in AVISHKAR 20-21 selection round with student project "Design and fabrication of HDPEE welding machine"	12 April 21
15.	Delivered seminar on "Environment conservation and Environmental Legislations" for NSS students of RMCET	8/4/22
16.	Worked as March Past even head during Aarohan 2K23	27/1/23

ACHIEVEMENTS

Sr. No.	Details	Date
1.	41. Minor RP sanctioned for 2018-19, Solar energy operated water distillation plant, Rs. 50,000 grant sanctioned	2018-19
2.	Guided research proposal titled "Design and fabrication of HDPE welding machine" and submitted for UG level selection round of 15 th Inter-Collegiate/Institute/ Department Avishkar Research convention 2020-21 for zone.	12/04/21

RESPONSIBILITIES

1. RMCET Media committee Head
2. RMCET Nature Club Committee Head
3. RMCET ICC committee Member fr 18-19
4. RMCET IIC NISP committee Member
5. Lab In-charge –MMC & TE
6. Lab In-charge –CAD CAM CAE- FR 31-5-22
7. Feedback Coordinator
8. Career Guidance cell Dept coordinator
9. Institutional Survey coordinator fr 21-22
10. NAAC C-1 Institute level coordinator fr 21-22
11. NBA C-2 Dept coordinator

LIFE MEMBERSHIP OF PROFESSIONAL BODIES

Indian Society for Technical Education. (LM 50891)

BELIEF

“Something which puts us in trouble is called ‘SITUATION’ and to rise against it is called LIFE’.”

DECLARATION

I hereby declare that the above-mentioned information is correct up to my knowledge and I bear the responsibility for the correctness of the above-mentioned particulars.

MR. MANGESH S. PRABHAVALKAR