

FACULTY PROFILE

Dr. Chavan Patil Avinash .Shivajirao.

Designation: Lecturer

Date of Birth: 15th June 1986

Qualification: B.E M.E.Ph.d in Design Engg

Work Experience:

Teaching: 11

Industry: 0

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AREA OF SPECIALIZATION: Mechanical Design and (Mechanical)

STATUS (Permanent/ Adhoc): Permanent

MEMBERSHIP OF PROFESSIONAL BODIES:

Sr. No.	Name	Membership No.
1	ISTE	LM119004
2	IEEE	270819
3	IAENG	270819
4	UAMAE	Process

COURSES TAUGHT IN LAST THREE YEARS:

SR.NO.	COURSE CODE	COURSE (Subject) NAME	ABBRIVIATION	TH/PR
1	22652	Emerging Trend In Mechanical Engg.	ETM	TH
2	22443	Mechanical Engineering Measurement	MEM	TH/PT

1) TRAININGS ATTENDED:

Sr. No.	TITLE	DURATION	PLACE
1	ANSYS MULTIPHYSICS	23/7/2012-06/8/2012 (15days)	ADCET , ASTHA
2	CATIA V5 R19 MODELING AND DESIGNING	20/6/2013-04/6/2013 (15days)	ADCET , ASTHA
3	INTRODUCTION TO ANSYS	21/9/2013 (1days)	Institute of Engineering and Technology, Solapur
4	NDT Awareness	31/5/2014 (1days)	NDT Management , Pune
5	INTER COLLEGE RESEARCH CIVENTION 2014-15	12/08/2014(01 days)	FAMT Ratnagiri
6	VLSI Design	01/04/2016-02/04/2016 (2days)	RSCOE, PEDHAMBE
7	PCB Designing	22/09/2017 (1days)	RSCOE, PEDHAMBE
8	INDUSTRIAL PRACTICES IN AIR CONDITIONING DUCT DESIGN	15/09/2017-16/9/2017 (2days)	BHARATI VIDYAPEETH'S COLLEGE OF ENGINEERING PUNE
9	COMPUTER AIDED MACHINING USING EDGE CAM SOFTWARE	01/09/2017	ADCET , ASTHA
10	SCOPE OF METALLURGICAL PROCESS AND MATERIAL TESTING OF ADVANCED MATRIALS(SMP&MTAT2 017)	11/12/2017-23/12/2017 (13days)	PVPIT BUDHGAON SANGLI
11	Thermodynamic Workshop	22/08/2018-04/09/2018 (15 days)	(In IIT Mumbai).

2) CONFERENCE /SEMINAR/WORKSHOP ATTENDED:

Sr. No.	TITLE	DURATION	PLACE
1	Design of Locus Clearance milling machine head.	20/10/2013 (01day)	IGCCIA Barshi, Solapur 413411
2	New teaching method to teach projection and development of solid.	22/02/2014(01day)	VVP.Institute of engineering and technology , Solapur
3	Finite difference approach for evaluating performance of Trapexoidal fin.	09/01/2015- 10/01/2015 (02 day)	Sinhgad institute (NCIME-2015) Lonavala
4	Simulation of centrifugal pump performance using CFD tools optimization centrifugal pump for improved performance by changing parameters.	23/03/2016 (01 day)	RAJGAD DNYANPEETH TECHNICAL CAMPUS DHANGAWADI PUNE
5	Generation of Electricity using Running Tap.	23/03/2016 (01 day)	RAJGAD DNYANPEETH TECHNICAL CAMPUS DHANGAWADI PUNE
6	Using Isometric Template to Reduce Time &Efforts to Draw Isometric Drawing	December 21-23, 2017 (03 day)	SVNIT, Surat
7	Performance of Changing parameter design and analysis of the modern centrifugal pump with axial impeller.(ISTE)	22/12/2027-23/12/2027 (2days)	RM CET AMBAV
8	ACETYLENE GAS BASED SI ENGINE	11/01/2018- 12/01/2018 (02 days)	Saraswati college of engineering Kharghar
9	Intellectual Property Rights: Concepts and Practice in Academics.	11/01/2021 to 16/01/2021 (06 days)	UGC human Resource Development Centre University of Mumbai

3) PAPER PUBLISHED:

Sr. No.	TITLE	NATIONAL/ INTERNATIONAL	YEAR
1	Use of 3d Holographic Technology in Engineering Education IOSR-JMCEISSN (E)-2278-0661ISSN (P)-2278-8727 VOL	INTERNATIONAL	4 FEB-13
2	New Teaching Method to Teach Projection & Development of Solids.IJERTISSN (E) - 2278-0181VOL-2 ISUUE	INTERNATIONAL	2 FEB-13
3	Investigating Use of Glass Box & Rotating Bowl to Teach Orthographic View.IJERTISSN (E) - 2278-0181VOL-2 ISUUE	INTERNATIONAL	3 MARCH-13
4	Use of Origami to Teach Engineering Curves.IJAMTES ISSN (P) -2249-7455 VOL-2 ISSUE (IGCCIA)	INTERNATIONAL	6 MARCH-13
5	Use of Isometric Template to Reduce Time & Effort to Draw an Isometric Drawing.IJAMTESISSN (P)-2249-7455VOL-2 ISSUE(IGCCIA)	INTERNATIONAL	20 OCTOBER-13
6	Design of Locus Clearance Milling Machine Headijamtes ISSN (P) -2249-7455 VOL-2 ISSUE(IGCCIA)	INTERNATIONAL	20 OCTOBER-13
7	Intellectual Property Rights In India And How Technical Education Relate With It. 43rd ISTE Convention Theme: Improving Technical Education to Address Global Competitiveness ISBN 978-93-5142-315-7-19	INTERNATIONAL	21 DEC-2013
8	Industrial Origami: A Review IJIRAE ISSN: 2349-2163 VOLUME 1 – ISSUE 7	INTERNATIONAL	AUGUST 2014
9	Finite Difference Approach For Evaluating Performance Of Trapezoidal Fin	INTERNATIONAL	(2014-15)
10	Simulation of Centrifugal Pump Performance Using Cfd Tool and Optimization of the Centrifugal Pump for the Improved Performance by Changing Parameter ISSN 0974-3588	INTERNATIONAL	20/03/2016
11	Generation of Electricity Using Running Tap ISSN 0974-3588	INTERNATIONAL	20/03/2016

4) REVIEWER

Journal: International Journal of Engineering & Technology
ISSN: 2227-524X, Published By: Science Publishing Corporation.

5) MANAGING EDITOR

International Journal of Innovations in Engineering Research and Technology [IJERT]
MECHANICAL
ISSN 2394-3696 NOVATEUR PUBLICATIONS.

6) PATENTS

1. STENCIL RULER FOR PREPARING ISOMETRIC DRAWINGS

APPLICATION NO.-258263

CBR NO-17396

CBR DATE-21-11-2013

Journal No 37/2014

Journal Date 12/09/2014

Granted By Patent Office Kolkata (INDIA)

2. DESIGN OF PIPE

APPLICATION NO.-300619

CBR NO-25730

CBR DATE-22-12-2017

3. HELMET HOLDER FOR MOTORCYCLE

Registration in Process*

4. DESIGN OF JAGGERY MAKING PAN

APPLICATION NO.-272651

CBR NO-6797

CBR DATE-09-06-2015

Journal No 37/2014

Journal Date 11/08/2017

5. DESIGN OF BICYCLE SEAT

APPLICATION NO.-308521

DATE-06-08-2018

7) WEBINAR

1. Research Methodology & Research paper Writing. RIT (14 to 16 JUNE 2020)
2. NBA Norms & preparation of SAR-Criteria. RIT (25 to 29 MAY 2020)
3. Patents & Intellectual property Rights. Sinhgad Technical Education (10 JUNE 2020)
4. Intellectual property rights in India: Trademarks and Copyrights SBM Mumbai (8 JUNE 2020)
5. Research Methodology Dr. B Kolte College, (26 to 30 MAY 2020)
6. Aspects of Writing a Research Paper. Sinhgad Technical Education (31 MAY 2020)
7. Virtual Training for Renewable Energy System S A Engg College (28 MAY 2020)
8. Renewable Energy Sources: Away Ahead CCEW Nagpur. (15 to 21 MAY 2020)
9. Industrial Product Development Using Agile and Scrum Framework
D Y PATIL Akurdi pune (23 MAY 2020)
10. Energy Conservation and Audit ACE Sangamner (19 MAY 2020)
11. Online Platforms for Distance Education RIT (12 to 14 MAY 2020)
12. Outcome Base Education & NBA Accreditation Process RIT (04 to 08 MAY 2020)
13. Trademarks filing (Indian & International), Copyright filing procedure and trade secret-Do's and Don'ts Brainiac IP solutions Empowering Research & Development (6 MAY 2020)
14. Tribology for sustainable development (23 and 24 oct 2020) VIT Nashik.
15. Characteristics of an Entrepreneur and role of incubator in creation of startup (21/10/2020)
THEEM College of engineering. IIT BHU Varanashi.
16. Research paper publication in Scopus indexed journals RYAN PUBLISHERS (17 OCT 2020)
17. Design and drafting through AUTOCAD-2D (online E-learning)
(20/07/2020 to 26/07/2020) CIPET Aurangabad
18. Recent trends in cutting tool technology and force measurement using MATLAB

- (24 Aug to 29 Aug 2020) TEI Ichalkaranji.
19. Rotary compressor research and innovation at NTU, Singapore. (8 June to 20 June 2020)
VJEC Chemperi Kannur Kerala.
 20. Industry 4.0 Data Analytics Disruptive technologies TEQIP-III SBGI Miraj (26 May to 31 May 2020)
 21. Renewable Energy Source: A Way Ahead. CUMMINS College of Engineering for Women Nagpur
(15 May to 21 May 2020)
 22. Modelling Approach in Micro – Machining processes. Mechanical Engg. ST, PDP, University Gandhinagar. (26 to 30 Oct 2020)
 23. Misrimal Navajee Munoth Jain Engineering College 2nd Nov to 7th Nov 2020 (Phase-II)
'Molding and simulation of renewable energy systems using MATLAB'

8) CERTIFICATIONS:

1. MSCIT:SEPTEMBER 2014
2. WIPO: World Intellectual Property Rights: General Course on Intellectual Property. from July 18 to August 29, 2016
3. WIPO: Introduction to the Patent Cooperation Treaty. 22 April 2017

9) WORKSHOP ORGNISED:

Robotics & Computer Applications Institute of USA Technophilia Systems, Rajaram Shinde College of Engineering Chiplun. (2014)