

Name MR. AMAR S. YEKANE
B.E.(Production), M.Tech.(Mech Prod)

Designation Assistant Professor(Sr.Grade)

Department Mechanical Engineering

Date of Joining the Institute 13/05/2009

Education B.E.(Production Engineering),DYP, 2008
M.Tech (Mech Prod), WCE, 2015

Branch / Specialization Mechanical Production

Areas of Interest Casting processes, Casting Simulation

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Academic Appointments

Name of the University / Institute/ Industry	Duration	Designation
Finolex Academy of Management Technology, Ratnagiri	and From 13/05/09 to till date	Assistant Professor

Total Experience – 8 Years

Workshops/Seminars/Lecture/Invited Talks Conducted

1. Conducted guest lecture on **"Education and Opportunities Abroad"** held on **16th August 2017** at **Finolex Academy of Management and Technology, Ratnagiri.**
2. Conducted **"PLC SCADA Workshop under Advanced Mechatronics"** held on **17th to 19th March 2017** at **Finolex Academy of Management and Technology, Ratnagiri.**
3. Conducted One Day Workshop on **"Carpentry"** held on **07th February 2017** as a resource person at **Abhyankar Muk Badhir Vidyalaya, Ratnagiri.**
4. Conducted One Day Workshop on **"Carpentry"** held on **27th April 2016** as a resource person at **Abhyankar Muk Badhir Vidyalaya,Ratnagiri.**

Papers Published

Papers Presented/Published in National / International Journals - 02

International Journals – 02

1. Amar Yekane, Vishal Deshmukh and Pratik Suryavanshi, "**Corrosion Protection Metal Using cold Technique**" IOSR of Light Journal of Computer Engineering (IOSR-JCE),e-ISSN: 2278-0661,p- ISSN: 2278-8727,PP 72-78,www.iosrjournals.org
2. Amar Yekane, Chinmay Mulye and Shridhan Panchal, "**Use of Smart Material made an Industrial Revolution in Development of Automobile**", IOSR Journal of Computer Engineering(IOSR-JCE),e-ISSN:2278-0661,ISSN:2278-8727,PP09-12,www.iosrjournals.org

Papers Presented/Published in National/ International Conferences - 07

International Conferences – 04

1. Amar Yekane Presented paper in International Conference on Industrial Engineering (ICIE 17) titled "**Casting Yield Improvement using Modeling and Simulation Technique**" held during 21 to 23 December 2017 at **SVNIT Surat(Gujrat)**.
2. Amar Yekane, Pratik Suryawanshi and Sumit Nalavade Presented paper in International Conference on Industrial Engineering (ICIE 17) titled "**Laser Beam Machining Parameters Analysis & Optimisation**" held during 21 to 23 December 2017 at **SVNIT Surat(Gujrat)**.
3. Paper presented titled "**Casting Yield Improvement in Case of Ferrous Casting using Simulation Technique**" in 4th International Conference on Production & Industrial Engineering (CPIE-2016), at **National Institute of Technology (NIT) Jalandhar (Punjab)**, held on 19 th to 21st December 2016, organized by Br.B.R.Ambedkar National Institute of Technology.
4. Paper presented titled "**Casting Yield Improvement in Case of Hybrid Gating System using Simulation Technique**" in 3 rd International Conference on Industrial Engineering (ICIE-2015), at **National Institute of Technology (NIT) Surat (Gujrat)**, held on 26 th to 28th November 2015,jointly organized by Sardar Vallabhbhai National Institute of Technology and Indian Institution of Industrial Engineering.

National Conferences – 03

1. Paper presented titled "Casting Yield Improvement usingSimulation and Modeling Technique" in 3rd National Conference on Nanosceience and Instrumentation Technology (NCNIT),**National Institute of Technology (NIT) Kurukshetra (Haryana)**,held on 6th and 7thSeptember 2015.
2. Paper presented titled "**Casting Analysis for Yield Improvement using Simulation Technique – A Case Study**" in ,5th National Conference on Emerging

Trends in Engineering Technology and Architecture (NCETETA) 2015” at **D. Y. Patil and College of Engineering Technology**, Kolhapur held on 24th January 2015.

3. Paper presented titled “**Design, Manufacturing, Advances and Applications in Loop Heat Pipe: A Review**” National Conference on Advances in Heat and Mass Transfer jointly organized by **FAMT** and **ISTE** at FAMT Ratnagiri held on 30th and 31st September 2009.

Number of Workshops, Seminars, STTPs, FDPs, Orientation Programs Attended – 18

STTPs and FDPs

1. Attended one Week short term course on “**Measurement and Testing Techniques in Mechanical Engineering**” at **Sant Longowal Institute of Engineering and Technology, Punjab** held on 27th to 31th July 2009

Conferences and Seminars

2. Attended International Conference on Industrial Engineering (ICIE 17) held during 21 to 23 December 2017 at **SVNIT (NIT Surat) Gujrat**.
3. Attended AICTE Sponsored Two Days National Seminar on “**Technologies for Development of Rural Areas**” at Sardar Patel Institute of Technology , Mumbai held during 27 & 28 November 2017.
4. Attended 4th International Conference on Production & Industrial Engineering (CPIE-2016), at **National Institute of Technology (NIT) Jalandhar (Punjab)**, held on 19th to 21st December 2016, organized by Br.B.R.Ambedkar National Institute of Technology.
5. Attended 2nd **National Conference on Recent Advances in Science and Technology (RAST)** organized by Finolex Academy of Management and Technology, Ratnagiri from 17th to 18th February 2016
6. Attended 3rd International Conference on Industrial Engineering (ICIE-2015), at **National Institute of Technology (NIT) Surat (Gujrat)**, held on 26th to 28th November 2015, jointly organized by Sardar Vallabhbhai National Institute of Technology and Indian Institution of Industrial Engineering.
7. Attended 3rd National Conference on Nanoscience and Instrumentation Technology (NCNIT), **National Institute of Technology (NIT) Kurukshetra (Haryana)**, held on 6th and 7th September 2015.
8. Attended 5th National Conference on Emerging Trends in Engineering Technology and Architecture (NCETETA) 2015” at **D. Y. Patil and College of Engineering Technology**, Kolhapur held on 24th January 2015.
9. Attended National Conference on Advances in Heat and Mass Transfer jointly organized by **FAMT** and **ISTE** at FAMT Ratnagiri held on 30th and 31st September 2009.

Two Week or One Week Workshops

10. Attended **One Week Workshop** on **“Funding Schemes Available for Research Proposals”** Organized by Research Development and Consultancy cell (RDCC) of Finolex Academy of Management and Technology, Ratnagiri from 13th February to 23rd April 2016

Workshops

11. Attended Orientation cum Workshop on subject **“Production Process I”** at **D.J.Sanghvi College of Engineering, Mumbai** held on **28th July 2017**.
12. Attended Orientation cum Workshop on subject **“Industrial Engineering and Management”** at **Pillai College of Engineering, Mumbai** held on **2nd February 2016**.
13. Attended Two Days workshop on **“Recent Trends in Manufacturing Technology (RTMT)”** Conducted by Mechanical Engineering Department at **Walchand College of Engineering, Sangli**, held on 17th to 18th April 2015.
14. Attended Two Days Training Program on **“Research Methodology”** Conducted by Mechanical Engineering Department at **Walchand College of Engineering, Sangli**, held on 11th to 12th April 2014.
15. Attended Two Days Training Program on **“Manufacturing Process Simulation (Z Cast and AFDEE)”** Conducted by Mechanical Engineering Department at **Walchand College of Engineering, Sangli**, held on 9 th to 10th April 2014.
16. Attended One Day workshop on **“E-Foundry: Casting Design and Simulation”** Conducted by Mechanical Engineering Department at **DKTE, Ichalkaranji, Organised by IIT(Bombay)** held on 7 th September 2013.
17. Attended 2 Day **ISTE Workshop** for Teachers on **“Aakash for Education”** Conducted by **IIT Bombay** under the National Mission on Education through ICT from 10th to 11th November 2012.
18. Attended One Day workshop on **“Six Sigma: An Overview”** Conducted by Mechanical Engineering Department at **FAMT, Ratnagiri**, held on 13th April 2012.

Professional Membership

1. Indian Society of Technical Education (I.S.T.E)

Other Experience

1. Working as a Workshop In-charge.
2. Worked as departmental organizing **committee member** in 2nd National Conference on **“Recent Advances in Science and Technology”**
3. Worked as senior supervisor for University Examination.

4. Worked as Assistant CAP Co-ordinator.

Subject Taught

Sr. No.	Name of the Subject	Year/Branch/Semester	Experience
1.	Industrial Engg. Enterprise Resource Planning	B.E. (SemVIII)	5 Years
2.	Production Process I	S.E. (Sem - III)	5 Years
3.	Metrology and Quality Engineering	T.E. (Sem - VI)	3 Years
4.	Production Planning and Control	B.E. (Sem - VII)	3 Years
5.	Industrial Engineering and Management	B.E. (Sem - VIII)	3 Years
6.	Mechatronics	T.E. (Sem - VI)	1 Years