



# GOVERNMENT POLYTECHNIC, KARAD

## DEPARTMENT OF MECHANICAL ENGINEERING

News Letter: 01 Jan 2022 - 30 June 2022



### ➤ Regional Level Project Competition

Regional Level Project Competition held on 7th January 2022. Due to COVID Pandemic Situations competition conducted by online mode. Dr. C. Y. Seemikeri and Dr. D.S. Chavan were worked as Chief Co-ordinator and Mr. A. B. Haldule worked as Co-ordinator for this Project Competition. Total 66 groups were enrolled for this competition. Students from Government Polytechnic Miraj got 1st prize in this competition.



Address by Dr. R. K. Patil (Principal, Government Polytechnic, Karad) in Regional Level Project Competition



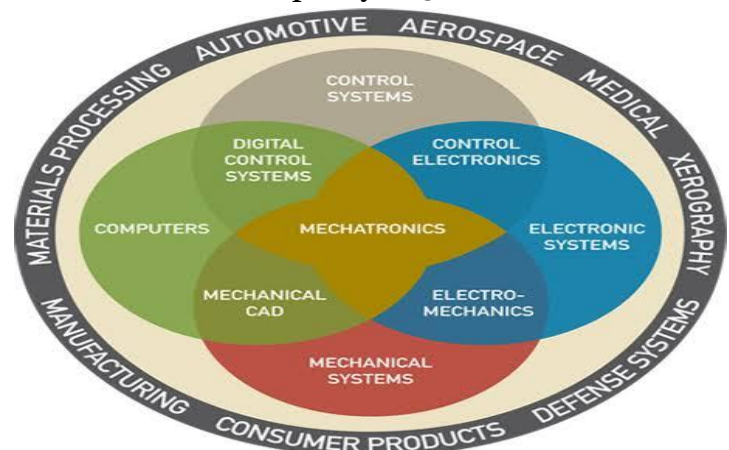
Address by Dr.S.A.Pardeshi (Principal, Government Women's Residential Polytechnic, Tasgaon) in Regional Level Project Competition

### ➤ Mechatronics Course

Mechatronics Engineering course started in year 2022 with intake capacity of 30.



Inauguration of Regional Level Project Competition by Dr. D. V. Jadhav (Joint Director, RO Pune)



## ➤ Training and Placement

Total 255 students were selected in campus interview conducted by Thermax Ltd. Pune, KSB Ltd. Pune, TATA Technologies, Infosys, John Deere India Ltd., Cummins India Ltd., Datastack Technologies, TATA Power Ltd. etc. In this campus interview process 96 students of Mechanical Engineering Department were selected.

Prof. A. B. Haldule, TPO G.P.Karad took efforts for whole placement process.

Sr. No	Name of the company with CTC/stipend	No. of Students Placed from Mechanical Branch
1	Bajaj Auto Ltd., Pune ( Rs. 11,500pm)	32
2	GE Aviation Ltd. ( Rs. 13,000 pm)	13
3	L & T constructions Ltd. ( Approx.16000 pm)	1
4	Thermax Ltd. Pune ( CTC 2.2 LPA)	2
5	KSB Ltd. Pune ( Rs. 17,000 pm)	1
6	ACC Ltd.( CTC 2 LPA)	1
7	JSW Ltd. (Rs. 20,000 pm)	4
8	Cummins India Ltd. ( Rs. 14,000 pm)	8
9	Tata Technologies ( CTC 3 LPA)	8
10	John Deere India Ltd. ( Rs. 12,000 pm)	15
11	Laxmi Civil Engg. Services ,Kolhapur	1
12	IFB Industries Ltd.	6
13	Burckhardt Compression India Ltd.	3
14	ENPRO Industries Ltd.	1
Total		96

## ➤ Guest Lecture

Department of Mechanical Engineering has conducted an expert talk on

- “Advances in Refrigeration System” on 27<sup>th</sup> April 2022. Mr. Dynanesh Joshi (Founder, Thermiqua Reprigeartion and Refrigeration Consultant) was resource persons.

- “Entrepreneurship Development” on 06<sup>th</sup> May 2022. Mr. M.V.Pisal (Assistant Professor, Rajarambapu Institute of Technology , Sakharale) was resource persons.

All 2<sup>nd</sup> & 3<sup>rd</sup> year students from all departments have been benefited due to this. Prof. A. B. Haldule worked as Coordinators for this expert lecture.



Mr. Dynanesh Joshi felicitated by Mr.D.M.Patil , Lecturer in Mechanical Engg. Department , Government Polytechnic, Karad.



Expert lectures on Entrepreneurship Development by Mr.M.V.Pisal



### ➤ Periodic Test

Faculties of Department of Mechanical Engineering Prof. D. M. Patil and Prof. M.S.Pol have smoothly conducted Periodic Unit Test – I & II Examination for all students of Mechanical Engineering Department.

### ➤ Academic Monitoring

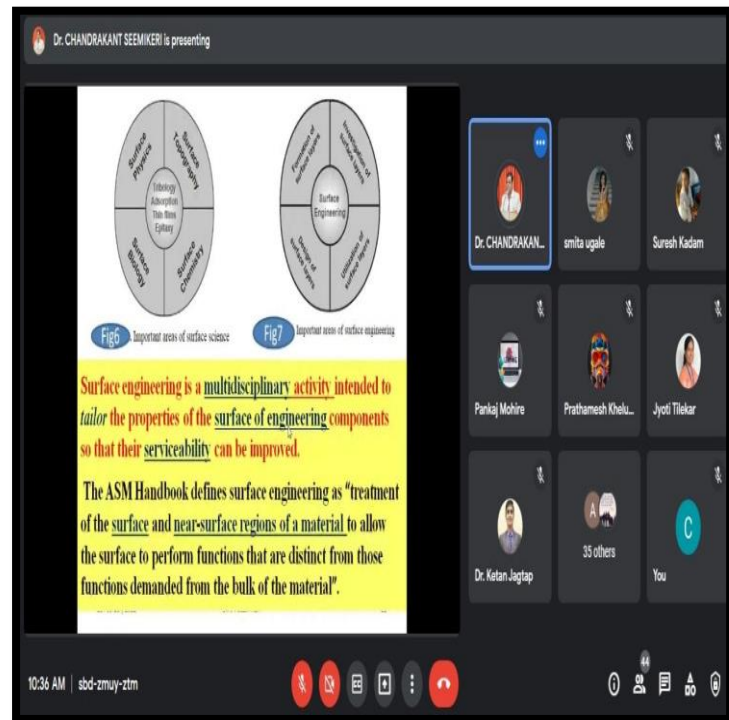
Prof. R. S. Motling and Prof. M. S. Pol has successfully compiled all the departmental data which is required for academic monitoring and uploaded the same on MSBTE portal.

### ➤ Industrial Training

Mr. A. B. Haldule smoothly conducted activity of Industrial Training of Mechanical students. MSBTE promotes 6 week industrial training for students to get familiar with industrial environment. For training, faculties from our department surveyed various industries located in 3 MIDC in Karad, Satara, Phaltan. 221 students are allotted for training at different industries. All faculties from Department of Mechanical Engineering have mentored the students for Industrial Training as per the guidelines given by MSBTE.

### ➤ Expert Talk Delivered

Dr. C. Y. Seemikeri delivered Expert Talk on the topic (23<sup>rd</sup> February 10.00 am to 12.00 noon) “Surface Enhancement Technologies after Post Machining” in one week faculty development programme on “Advances in Manufacturing Processes and Systems (AMPS-22)” sponsored by DTE and organized by Government Polytechnic, Nashik during 21<sup>st</sup> to 25<sup>th</sup> February 2022.



### ➤ Oral and Practical Exam Work

Prof. S.M.Salavi and Prof. D.M.Patil have smoothly completed all oral and practical examination related work for all students of mechanical engineering department.



## ➤ Industrial Visits

In academic year 2021-22, Third year and Second year Mechanical students visited to various industries to get familiar with industrial environment.

Industrial visits were organised at

- Sanjog Cold storage, Tasawade MIDC, Karad
- Water Treatment Plant, Banavadi, Karad
- Kalburgi Stamping, Ogalewadi MIDC, Karad



Water Treatment Plant, Banavadi, Karad



Sanjog Cold Storage, Tasavade MIDC

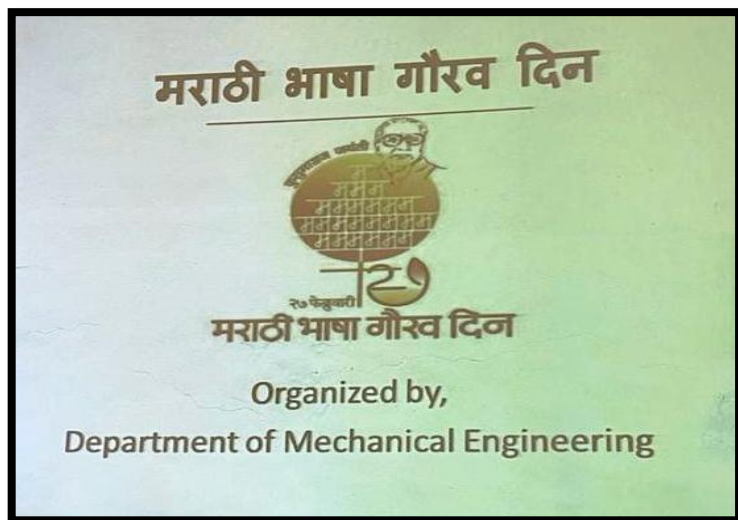


Kalburgi Stamping, Ogalewadi MIDC, Karad



## ➤ Marathi Bhasha Gaurav Din

Marathi Language Day is celebrated on February '27' every year on the occasion of Birthday of eminent Marathi Senior poet Kusumagraj. Different activities were organized by mechanical department such as Poem reading, Story reading etc.



## ➤ Students Achievements

- Sanika Jadhav, Chinmay Sutar, Gayatri Jadhav (Third Year) awarded as Winner in Master Mind activity organized by INSPIRE, Government Polytechnic, Karad.
- Jayesh Jagtap (Second Year) awarded as Winner in Craft Angle activity organized by INSPIRE, Government Polytechnic, Karad.
- Shreya Jadhav, Sumaiyya Nadaf, Aditya Mahale, Neha Patil (Third Year) awarded as Winner in Project Competition activity organized by PROFEST 2K22, Annasaheb Dange College of Engg. and Technology, Astha.
- Shubhada Vedphatak (Third Year) awarded as Third Prize in Video Making Competition activity organized by Government Polytechnic, Karad.
- Chaitnya Bhosale (Third Year) awarded as Second Prize in State Level Essay Competition activity organized by Government Polytechnic, Ambad.
- Gaurav Sankpal, Yash Khabale, Kaustubh Sawashe, Sairaj Karande, Saish Pawar Madhura Patil (Third Year) participated in workshop Robotics and Automation: Opportunities & Career Perspectives organized by MITWPU, Pune.

## ➤ Laboratory Development

Third Year Mechanical Engineer students developed Programmable Logic Controller (PLC) Trainer Bench at a cost of Rs. 1,00,000/- (Market cost = Rs. 2,50,000/-), design and manufacturing of Institute Gate, Solar operated system for faculty room.





## ➤ School Connect Programme

All faculties from Mechanical Department visited different schools across Karad, Patan, Koregaon and Khatav. They give information to all 10<sup>th</sup> standard students and their parents about Technical Education, Diploma Admission Procedure, Documents required for education, different scholarship schemes under Technical Education and career opportunities after diploma courses.



## ➤ Toppers

### Third Year (Fifth Semester)

Sr.No	Name of Student	Percentage
1	Kaustubh Sanjay Sawashe	91.43%
2	Anuradha Shankarrao Salunkhe	88.76%
3	Harshad Sanjay Gaikwad Sakshi Suryakant Salunkhe	88.48%

### Second Year (Third Semester)

Sr.No	Name of Student	Percentage
1	Shreeyash Krushnat More	86.63 %
2	Amit Atul Joshi	83.79%
3	Durvesh Shivling Vibhute	82.63%

## ➤ Faculty Achievements

- Dr. D. S. Chavan has 203 Google Scholar Citaions.
- Dr. C. Y. Seemikeri has 545 Google Scholar Citaions.
- Dr. C. Y. Seemikeri awarded Best Paper Award in National Conference on Advances in Science, Engineering and Technology for Sustainable Development sponsored by IEEE and organized by Government College of Engineering, Karad.
- Dr. C.Y. Seemikeri successfully completed NPTEL Online Certification course on Computer Integrated Manufacturing.
- Dr. C.Y. Seemikeri successfully completed NPTEL Online Certification course on Principles of Industrial Engineering.
- Dr. C.Y. Seemikeri worked as Centre Head for MPSC Examination held on 23<sup>rd</sup> January 2022.



Google Scholar

**Durgeshkumar Chavan**  
Head of Department, Mechanical Engineering, Govt. Polytechnic  
No verified email  
Heat Transfer Nanofluids Design

**GET MY OWN PROFILE**

Cited by **VIEW ALL**

TITLE	CITED BY	YEAR
Performance investigation of an automotive car radiator operated with nanofluid as a coolant D Chavan, AT Pise Journal of Thermal Science and Engineering Applications 6 (2)	58	2014
Experimental investigation of tribological properties of engine oil with CuO nanoparticles AS Pisal, DS Chavan Research in Mechanical Engineering (ICTARME) 6 (2014), 49	23	2014
FEA of tie rod of steering system of car MA Patil, D Chavan, M Ghoshale International Journal of Application or Innovation Engineering and ...	22	2013
Finite Element Analysis and Natural Frequency Optimization of Engine Bracket US Ghoshale, DS Chavan, V Patil, M Galkwad International Journal of Mechanical and Industrial Engineering (IJMIE) (ISSN ...)	20	2013

Citations: 203, h-index: 9, i10-index: 9

Since 2017: 153, 7, 7

Bar chart showing citations from 2015 to 2022.

**Elite**

**NPTel Online Certification**  
(Funded by the MoE, Govt. of India)

This certificate is awarded to  
**DR CHANDRAKANT Y SEEMIKERI**  
for successfully completing the course

**Principles of Industrial Engineering**

with a consolidated score of **72 %**

Online Assignments	18.75/25	Proctored Exam	53.57/75
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Total number of candidates certified in this course: 275

Jan-Apr 2022  
(12 week course)

Indian Institute of Technology Roorkee

Prof. Sanjeev Manhas  
Coordinator, Continuing Education Centre  
IIT Roorkee

Prof. Priya Maheshwari  
NPTel Coordinator  
IIT Roorkee

Roll No: NPTel22ME04544170248

To validate and check scores: <https://nptel.ac.in/noc>

Google Scholar

**C.Y. Seemikeri**  
Vice-principal & HoD Mech. [Higher & Tech. Edn. Govt.]  
Verified email at gpk.ac.in  
Surface Enhancement Tech... Optimisation techniques M...

**GET MY OWN PROFILE**

Cited by **VIEW ALL**

TITLE	CITED BY	YEAR
Supply chain practices and organizational performance: An empirical investigation of Indian manufacturing organizations S Gorane, CY Seemikeri The International Journal of Logistics Management	83	2017
Investigations on surface integrity of AISI 1045 using LPB tool CY Seemikeri, PK Brahmanikar, SB Mahaganekar Tribology International 41 (8), 724-734	68	2008
Effect on fatigue performance of shot peened components: an analysis using DOE technique SB Mahaganekar, PK Brahmanikar, CY Seemikeri International Journal of Fatigue 31 (4), 693-702	52	2009

Citations: 545, h-index: 11, i10-index: 11

Since 2017: 303, 10, 10

Bar chart showing citations from 2015 to 2022.

**Elite**

**NPTel Online Certification**  
(Funded by the MoE, Govt. of India)

This certificate is awarded to  
**DR CHANDRAKANT Y SEEMIKERI**  
for successfully completing the course

**Computer Integrated Manufacturing**

with a consolidated score of **79 %**

Online Assignments	23.75/25	Proctored Exam	55.5/75
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Total number of candidates certified in this course: 865

Jan-Apr 2022  
(12 week course)

Indian Institute of Technology Kanpur

Prof. B. V. Ratish Kumar  
Chairman, Centre for Continuing Education  
IIT Kanpur

Prof. Satyaki Roy  
NPTel Coordinator  
IIT Kanpur

Roll No: NPTel22ME10524170438

To validate and check scores: <https://nptel.ac.in/noc>

**Government College of Engineering, Karad**  
(An Autonomous Institute of Government of Maharashtra)

**National Conference on  
Advances in Science, Engineering and Technology for Sustainable  
Development (NCASETSD - 2022)**  
20<sup>th</sup> - 21<sup>st</sup> May, 2022  
Sponsored by IEEE

**Best Paper Award**  
Presented to

**Prasad Kamble, Dr. Sanjeev Reddy K. Hudgikar and  
Dr. Chandrakant Y. Seemikeri**

for their paper

**Optimization for Friction Stir Welding process on HES04  
its Comparative Study with TIG in session III**

**Dr. S. R. Kurode**  
Convener

**Dr. A. T. Pise**  
Program Chair

**National Conference  
on  
Advances in Science, Engineering and Technology for  
Sustainable Development (NCASETSD - 2022)**  
May 20 - 21, 2022

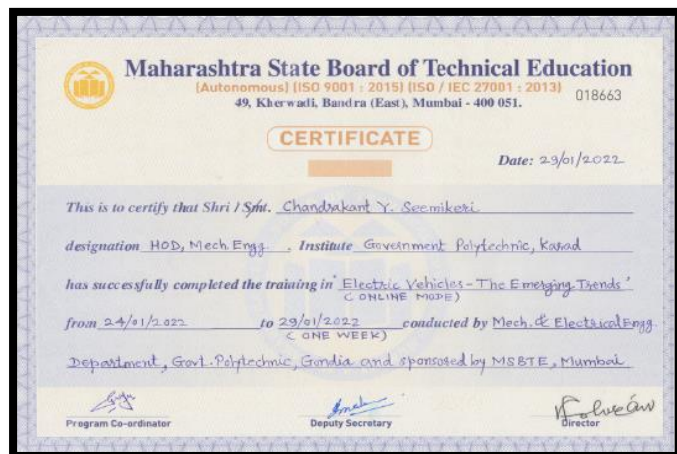
**Government College of Engineering, Karad**

**IEEE Pune Section**

Three men are standing on a stage, one is presenting a certificate to another.

## ➤ Faculty Training

Name of Faculty	Name of Training Course	Name of Organiser
Dr.C.Y. Seemikeri	Industry 5.0: Next Wave of Technology	Sandip University Nashik
	Electric Vehicles-The Emerging Trends	G.P. Gondia
	Industry 4.0	G. P. Nanded
Mr. A.B. Haldule	OBE and NBA Process in Technical Education	G.P. Awasari
Mr.D.M. Patil	Developing Effective E-Content for Online Teaching Learning	G.P.Miraj
	Universal Human Values in Technical Education	AICTE
Mr.M.S. Pol	Industry 4.0	G. P. Nanded



**Mechanical Engineering News Letter: 1 January 2022 – 30 June 2022**

**Editor in Chief: Dr. C. Y. Seemikeri, Editor: Mr.M.S.Pol**