



## **ACADEMIC PROFILE**

**1. Name in Full:** Dr. SEEMIKERI CHANDRAKANT YALAGURADARAYYA

**2. Address:** Dr. C. Y. SEEMIKERI  
Head, Department of Mech. Engg.  
Government Polytechnic, KARAD  
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**3. Date of Birth:** 21 / 07 / 1966      **Age:** 55 Years      **4. Nationality:** Indian

### **4. (a) EDUCATIONAL QUALIFICATIONS:**

Name of Examination	School/College	Board/University	Year of Passing	% of Marks	Class/ Div.
S.S.L.C.	S.U.V.M.H.S. LAXMESHWAR	KARNATAK BOARD KARNATAK	APRIL 1982	77.84	I CLASS WITH DISTINCTION
P.U.C. – II (HSC)	J.T.COLLEGE GADAG	P.U.C. BOARD KARNATAK	APRIL 1984	74.16	I CLASS WITH DISTINCTION
B.E. (Mech)	B. E. College, BAGALKOT	KARNATAKA UNIVERSITY DHARWAD	MAY 1988	73.00	I CLASS WITH DISTINCTION
M.E. (Mech)	W. C .E. SANGLI	SHIVAJI UNIVERSITY KOLHAPUR	SEPT. 2001	77.67	I CLASS WITH DISTINCTION
<b>Ph. D. (Mech)</b>	Dr. B.A.T.U. LONERE	Dr. B.A.T.U. LONERE	OCT 2009	Pre-Ph.D. Course: 83% Seminar:93%	N. A.
D.B.M	K. I. M. RATNAGIRI	I.M.C MUMBAI	MAY 1997	62.00	I CLASS
D.I.T	R.I.I.T. RATNAGIRI	C-DAC, PUNE	NOV. 1999	89.66	I CLASS WITH DISTINCTION
M.B.A. (Manf. Mgt)	SGM College, KARAD	YCMOU - NASHIK	MAY 2014	61.50	I CLASS
LL.B. Gen.	Bagubahai Keer Law college Ratnagiri	Mumbai University	pursuing		

**4b) Title of Ph.D. Thesis:*****‘Some Investigations into Low Plasticity Burnishing of Steels’*****5. PRESENT EMPLOYMENT:**

Designation: **Head, Mech. Engg. Dept.**  
**Under Directorate of Technical education,**  
**Higher and Technical Education, Government of Maharashtra**

Name and address of the Present employer:

**PRINCIPAL, Government Polytechnic, KARAD (M.S.) PIN: 415 110**  
**Under Directorate of Technical education,**  
**Higher and Technical Education, Government of Maharashtra**  
 Date of joining: 13-08-2021

**6. EXPERIENCE (PARTICULARS OF PREVIOUS APPOINTMENTS)**

<b>Name of the Employer</b>	<b>Position held</b>	<b>Date of Joining</b>	<b>Date of Leaving</b>	<b>Reason of Leaving (Brief)</b>	<b>Scale of Pay (Rs.)</b>
R.T.E.S. HULKOTI	LECTURER MECH.ENG	15-12-1988 & 02-08-1989	31-05-1989 14-01-1990	Joined COE, Ahmednagar as Lecturer	1100/- Consd.
College of Engg. AHMEDNAGAR	LECTURER MECH.ENG	15-01-1990	18-09-1990	Joined COE, Kopargaon as Lecturer	2000/- Consd.
College of Engg. KOPARGAON	LECTURER MECH.ENG	19-09-1990	16-05-1992	Joined Govt. Polytechnic Ratnagiri as Lecturer	700 - 1400/-.
Govt. Polytechnic RATNAGIRI	LECTURER MECH.ENG	20-05-1992	31-07-2010	Adm. Transfer to <b>G P KARAD</b>	Rs.12000-18300/- PB-4 + AGP Rs.9000/
Govt. Polytechnic KARAD	LECTURER MECH.ENG	01-08-2010	31-07-2015	Adm. Transfer to <b>GP RATNAGIRI</b>	PB-4 + AGP Rs.9000/
Govt. Polytechnic RATNAGIRI	LECTURER MECH.ENG	01-08-2015	25-08-2016	<b>MPSC SELECTION AS HOD</b>	PB-4 + AGP Rs.9000/ Rs.66060 total basic
Govt. Polytechnic NASHIK	HEAD,MECH. ENGG. DEPT.	26-08-2016	11-08-2021	Adm. Transfer to KARAD	<b>Rs.187300/- total basic JULY 2017</b>

Govt. Polytechnic KARAD	HEAD, MECH. ENGG. DEPT.	13-08-2021	WORKING	----	Rs. 210800- total basic JULY 2021
Govt. Engg. College Karad	Visiting Faculty PG Course M.E. Mech	Aug – 2010	July - 2015	Worked *FIVE years as visiting faculty	Remn. As per norms

**7. a) TEACHING EXPERIENCE : ( Total: 34 Years)**

Experience as	From	To	Designation	Total Years
Selection grade Lecturer	20 – 05–2003	25-08-2016	Selection grade Lecturer	13 & ¼
Senior Lecturer	20 – 05 -1998	19 – 05 - 2003	Senior Lecturer	05
Lecturer	20 – 05 - 1992	19-05-1998	Lecturer	06
Lecturer (Degree)	15-12-1988	18 – 05 - 1992	Lecturer	3 & ½
HOD GP Nashik	26-08-2016	13-08-2021	HOD	5

**7. b) ADMINISTRATIVE EXPERIENCE: (Total: about 19 & 1/2 Years)**

Experience as / Designation	From	To	Designation	Total Years
HOD GP Nashik	26-08-2016	13-08-2021	HOD	5
I/c HOD GPR	10 - 01 - 1998	31-07-2010	I/c HOD	12 & ½
I/c HOD GPK	19 - 08- 2013	31-07-2015	I/c HOD (SS)	2
I/c HOD GPR	1- 08 –2015	25-08-2016	I/c HOD	1
<b>Project officer</b> Community Polytechnic; & Internal Coordinator <b>CDTP</b> , (MHRD Scheme)	25-09-2000	31-07-2010	Project officer / Internal coordinator	10
Govt. Information officer	2002	31-07-2010	Govt. Information officer	About 7 & ½
Vice-president (Gym)	2-8-1998	25-8-2003	Vice-president (Gym)	5 & ½

Rector at KARAD	01 –04 - 2012	31-07- 2015	Rector	3 &¼
Officer-in charge RAC-013 DISTRIBUTION (MSBTE)	Summer 2002	Winter 2015	Officer-in charge	13½ years
<b>In charge Principal</b>	In the absence/ OD's & holidays	Since 2001 till date	In charge Principal	--

## 8. PROFESSIONAL TRAINING RECEIVED

Year	Nature of Training	Duration	Organisation where training was provided
1995	Trainee Teacher	03 months	Global Environmental Engg. Ltd.(GEEL), Pune

## 9. CURRENT AREAS OF INTEREST AND RESEARCH:

### Areas of Interest:

- Surface enhancement technologies (SET) ; Burnishing, Low Plasticity Burnishing (LPB), Shot peening (SP), Friction stir welding (FSW)
- Design of Experiments (DOE), Grey Rel.Analysis (GRA), TOPSIS, AHP, SAW,etc.Process Modelling and Optimisation
- Engineering Education Management, Human resource management (HRD) and Community Development through Polytechnics. Manufacturing Management

## 10. MEMBERSHIP OF PROFESSIONAL BODIES:

Sr. No.	Name of the Body	Status of Membership (Life/Annual)
1	THE INSTITUTION OF ENGINEERS (India)	<b>Member</b> Membership No. <b>M / 124035 / 2</b> <b>Fellow</b> Membership No. <b>F- 117833-0</b> Attached to: Mumbai Local Centre
2	INDIAN SOCIETY TECHNICAL EDUCATION (ISTE)	<b>LIFE MEMBER</b> No.: LM 10952
3	THE INSTITUTION OF ENGINEERS (India)	<b>Chartered Engineer I.E. (INDIA)</b>
4	IIPPE, INDIAN INSTITUTE OF PRODUCTION ENGINEERS	<b>LIFE FELLOW : LF/1418</b>

5	ISME, INDIAN INSTITUTE OF MECHANICAL ENGINEERS	<b>FELLOW : F/201301144/ME</b>
6	IIIE, INDIAN INSTITUTE OF INDUSTRIAL ENGINEERING	<b>LIFE MEMBER No.: SMIIE 10215 (81)</b>
7	International Association of Engineers (IAENG)	<b>Member Number: 175642</b>
8	<b>IRE</b> D Institute of research Engineers and Doctors	<b>FELLOW MEMBER (UAMAE): SM101000602212</b>

### 11. TRAINING PROGRAMMES / WORKSHOPS / MOOCS COMPLETED

S.N.	TITLE OF THE COURSE	DURATION	PERIOD	ORGANISED BY	ACTIVITY UNDER
1	Workshop on machine drawing and computer graphics	02 days	30-8-91 31-8-91	D. Y. Pail college of Engg. PUNE	-----
2	Computer programming in C Language	02 weeks	21-01-92 03-02-92	College of Engg. Kopargaoon	-----
3	Community development	02 weeks	08-2-93 19-2-93	T.T.T.I. Bhopal	World bank
4	C.N.C.m/c tools	02 weeks	05-12-94 17-12-94	C.W.I.T. Pune	I.S.T.E.
5	Training of resource persons	01 week	09-1-95 13-1-95	T.T.T.I. Pune	World bank
6	Industrial Training	12 weeks	17-4-95 7-7-95	T.T.T.I. Bhopal	World bank
7	Effective teaching for tech. Teachers of mech. Faculty	01 week	09-1-96 12-1-96	I.I.T. Mumbai	World bank
8	Computer awareness and applications a] Introduction &DOS b] Word star c] Programming in Basic d] dbase III plus	08 weeks	02-9-96 25-10-96	G.P. Ratnagiri	I.S.T.E.
9	Computer awareness and applications LOTUS 123	02 weeks	16-12-96 27-12-96	G.P. Ratnagiri	I.S.T.E.
10	Management Science and applications to computer a] Finance Management b] Costing and computer applications c] Office Management	06 weeks	21-04-97 29 -08- 97	G.P. Ratnagiri	I.S.T.E.

11	Induction Programme Phase I	04 Weeks	10-11-97 06-12-97	G.P.Mumbai	World Bank
12	Induction Programme Phase II	04 weeks	18-01-99 12-02-99	T.T.T.I Pune	World Bank
13	Introduction to information technology and computer applications	06 weeks	17-7-2000 25-8-2000	G. P. Ratnagiri	I.S.T.E
14	Computer Installation and Trouble- shooting	04 weeks	18-03-02 18-4-02	G P. Ratnagiri	I.S.T.E
15	National Programme On Technology transfer through community polytechnics	01 week	17-03-03 22-3-03	N.I.R.D HYDERABAD	Community polytechnic M.H.R.D.
16	Creep, Fatigue and Fracture State- of- the- art	02 weeks	15-03-04 27-03-04	Dr. B.A.T.U. LONERE	I.S.T.E.
17	AUTO CAD/ INVENTOR	03 days	21-05-07 24-05-07	G.P.NASHIK	D.T.E
18	Pedagogical training in Engineering Education	03 days	19-03-09 21-03-09	VJTI MUMBAI	TEQIP (D.T.E.)
19	World class Polytechnic work shop	01 day	17-11-2009	CIDCO hall Aurangabad	G.P A' bad
20	"FINITE ELEMENT METHOD AND ITS APPLICATION TO ENGINEERING (FEMIAE-2014)	1 week	17 – 21 Feb, 2014	GEC KARAD	TEQIP
21	Recent trends in Non-conventional energy with focus on Solar and Wind energy	1 week	25 – 29 May, 2015	GEC KARAD	TEQIP Phase II
22	<b>SCILAB &amp; SCICOS</b> (OPEN SOURCE ALTERNATIVE to MATLAB & SIMULINK): LEARNING BY DOING	2 Weeks	17 -28 MAY 2016	GEC KARAD	ISTE- TEQIP –II
23	<b>MATLAB &amp; SIMULINK:</b> LEARNING BY DOING	2 Weeks	6-18 June 2016	GEC KARAD	ISTE- TEQIP –II
24	Workshop on NBA accreditation	01 day	23-12-2016	COE Pune	DTE (Higher & Tech Edn.)
25	Orientation training on change management and capacity building for e- Governance	03 days	13–15 Feb. 2017	YASHADA Pune	Govt. Of Maharashtra
26	Workshop on 'Strategies: Including budding professionals on Entrepreneur path'	01 day	14-12-2018	MET Bhujbal Knowledge city, Nashik	AICTE
27	Accreditation of Engg. Programmes code MH-12	1 Week	02- 06 July 2018	G.P. Nashik	NITTTR, BHOPAL
28	Quality Assurance Through Accreditation (QATA-19)	1 Week	04- 08 Feb. 2019	G.P. KARAD	DTE (Higher & Tech Edn.)
29	Leadership	½ Week	July- August 2019	IIT KANPUR	NPTEL

30	Engineering Metrology	1 and ½ Week	July - Oct 2019	IIT KANPUR	NPTEL
31	Machine Learning and Deep Learning Applications in Engineering & Science	1 Week	16th May 2020 to 20th May 2020	GEC KARAD	TEQIP –III
32	“OUTCOME BASED EDUCATION: A STEP TOWARDS EXCELLENCE”	1 Week	11th to 15th May 2020	GEC KARAD	Margdarshan Scheme of AICTE, New Delhi
33	Inspection and Quality control in Manufacturing	½ Week	Feb - March 2020 19/12/2020	IIT ROORKEE	NPTEL
34	Quality control and design	1 Week	Jan – March 2020 19/12/2020	IIT KARGPUR	NPTEL
35	Principles of HRM	1 and ½ Week	Jan – April 2020 17/12/2020	IIT KARGPUR	NPTEL
36	NATE NBA Acn. and Teaching	1 and ½ Week	Jan – April 2020 18/12/2020	IISc BANGALUR	NPTEL
37	Introduction to machining and finishing Processes	1 Week	Jan – March 2020 17/12/2020	IIT GUWHATI	NPTEL

#### ONLINE EXAMS: NPTEL / MOOCS / ATAL / OPEN TUTORIALS COMPLETED

Sl. No.	Name of Examination	Organised	Duration and Weeks	Date of Passing	% of Marks	Class/ Div.
1	Leadership	IIT KANPUR	July - Aug 2019 4 weeks	29/09/2019	70	Elite
2	Engineering Metrology	IIT KANPUR	July - Oct 2019 12 weeks	17/11/2019	90	TOPPER Elite Gold
3	Inspection and Quality control in Manufacturing	IIT ROORKEE	Feb - March 2020 4 weeks	19/12/2020	72	Elite

4	Quality control and design	IIT KARGPUR	Jan – March 2020 8 weeks	19/12/2020	58	Successfully passed
5	Principles of HRM	IIT KARGPUR	Jan – April 2020 12 weeks	17/12/2020	73	Elite
6	NATE NBA Acn. and Teaching	IISc BANGALUR	Jan – April 2020 12 weeks	18/12/2020	73	Elite
7	Introduction to machining and finishing Processes	IIT GUWHATI	Jan – March 2020 8 weeks	17/12/2020	68	Elite
8	Computer integrated Manufacturing	IIT Kanpur	Jan – April 2020 12 weeks	16/04/2021	81	Elite Gold
9	Mechatronics & MEMS Robotics Thrust Areas	ATAL-AICTE NIT, WARANAGAL	21-06-2021	25-06-2021	90	1614320167
10	Research Methodologies and Design Thinking for Leadership, Excellence and Soft Skills Leadership & Excellence Life Skill Management	ATAL-AICTE IIIT	05-07-2021	09-07-2021	87	1613709081
11	Internet of Things ( Applications in Medical Science) Computer Science & Biology Engineering	ATAL-AICTE WEC AJMER	09-08-2021	13-08-2021	85	1615393103
12	Statistical and Optimization Techniques Using Software Packages Data Sciences Thrust Areas	ATAL-AICTE ALIGAR UNIV.	25-10-2021	29-10-2021		1615800578



## 12. POST GRADUATE / Ph. D. THESIS UNDERTAKEN / GUIDED

**GUIDED: 01**

**Working as Guide: 02 VTU BELAGAVI; Co-guide: 01, JJTU -01;**

**MBA Guide: 03**

## 13. BOOK PUBLICATION:

TEXT BOOKS PUBLISHED ON

1) **MECHANICAL MEASUREMENTS**

2) **INDUSTRIAL ORGANISATION AND MANAGEMENT**

**FOR DIPLOMA STUDENTS IN 1990 UNDER E.B.P.B.SERIES, GADAG [KARNATAK]**

### **BOOK CHAPTER:**

#### 1. Book chapter: **SHOT PEENING PROCESS; STATE-OF-THE-ART**

Edited book title: **Process Control: Problems, Techniques and Applications, 2010**

**By: Mahagaonkar, S. B., Seemikeri, C. Y. and Brahmankar, P. K.**

#### 2. Book chapter:

**Computational Method for Optimising Low Plasticity Burnishing (LPB): An Innovative Manufacturing Method for Bio-medical and Heavy Electrical Transmission Applications (*Under process*)**

Edited book title: **"Computational Methods for optimizing manufacturing technology"**

**By: Seemikeri, C. Y., Mahagaonkar, S. B. and Brahmankar, P. K.**

## **Achievements, Publications and Research:**

- Department of Mechanical Engg. Government Polytechnic, Nashik, accredited for a period of SIX YEARS up to 30/06/2025
- Received 'Best Teacher Award' from GOVERNMENT OF MAHARASHTRA for the year 2012-13
- Received 'Best Teacher Award' from ISTE – 2016 at HVPS Amravati
- Selected as Head, Mech. Engg. Dept. under Dept. of Higher and Tech Education Government of Maharashtra through MPSC
- Short listed for Principal, Govt. Polytechnics, under Dept. of Higher and Tech. Education Government of Maharashtra through MPSC. **Awaiting interview.**
- Published research papers / book chapters more than **82**, in different **refereed** international / national journals of repute and international/national conferences
- More than **487** citations of my published research work in many international journals of repute.(notable one is in a reference book, **Surface integrity in Machining'** by Davim P.(ref. no. 39)

- **H -INDEX – seven and I – INDEX - 11**
- Amongst **top 10** down loaded papers of **ASME transactions**
- Invitation from Director, Materials research (Lambda Technologies, USA) for collaboration with us in current work of LPB in Indian conditions
- NBA accreditation of Mechanical Engineering Program of Government Polytechnic, Nashik for SIX YEARS UPTO 30<sup>TH</sup> JUNE 2025.
- **As per new guidelines of NBA 6 years FIRST and only ONE PROGRAM, till date in the state of MAHARASHTRA**
- Worked/Working as **External examiner** for Graduate B.E. (Mech) and Post-graduate programmes, M.E. (Prod); M.E. (CAD/CAM); M.E. (Auto) under **Shivaji University, Kolhapur, RIT, Sakharale** and M.E. (Design) **Mumbai University (FAMT Ratnagiri)**
- Worked/Working as **Paper- setter** for Post-graduate programmes.
- **REVIEWER WORK:**
  - ✓ Worked as reviewer for the International Journal of Surface Coating Technology, (IJSCT) **Elsevier publications**
  - ✓ Worked as reviewer for the International Journal of Machining and Machinability of Materials (IJMMM) **INDERSCIENCE publishers.**
  - ✓ Worked as reviewer for 2011-ASME International Manufacturing Science and Engineering Conference
  - ✓ Worked as reviewer for the Scientific Research and Essays (**SRE**) Journal
  - ✓ Worked as reviewer for the JMMSE Journal
  - ✓ Working as reviewer for International conferences
  - ✓ Worked as reviewer for 'Easy chair' 2018

#### **INVITED TALK / RESOURCE PERSON:**

- ❖ Key note presentation on '**How to write research papers**' at National conference on Advances in Engineering and Management; Organized by: Shree Chanakya Education Society's Indira College of Engineering and Management (**Sponsored by: University of Pune**), Jan. 2011.
- ❖ Expert lecture on '**Low plasticity Burnishing**' (LPB) at G.P. NASHIK under '**MECHASTREAM**' IE – Chapter, during 3 – 6 Jan. 2015
- ❖ Expert lecture on '**Fatigue life assessment of Materials**' at G.P. NASHIK under '**Modern Techniques of Material Testing**' (MTMT), **STTP (MSBTE)**, during 5–9 Jan. 2015

- ❖ Expert lecture on '*Optimization techniques*' at SRES College of Engg. Kopargaon, under '**DOE – OT-15**', **STTP (ISTE)**, during 1–5 June 2015 (One day full session)
- ❖ Expert lecture on '**Advance Research Thrust Areas in Engineering Science**' at Government College of Engg. Karad, under '**ARTAES**', two week **STTP (TEQIP)**, during 21– 30 Nov. 2015 (Half day session 2-6 pm)
- ❖ Key note address at 2<sup>nd</sup> National conference on **Recent Advances in Science and Technology** (RAST -2k16); Organized by: Dept. of Mech. Engg., Finolex Academy of Management and Technology (FAMT) Ratnagiri, India, during 17 -18 Feb. 2016
- ❖ Session chair in 2<sup>nd</sup> **National conference on Recent Advances in Science and Technology (RAST - 2k16)**; Organized by: Dept. of Mech. Engg., Finolex Academy of Management and Technology (FAMT) Ratnagiri, India, during 17 -18 Feb. 2016
- ❖ Expert lecture on '**Advanced Optimisation Techniques for Innovative Research in Technology**' at M.I.T. College of Engg. Pune, under one week **STTP approved by ISTE**, during 25–29 April 2016 (Half day session 2-5 pm).
- ❖ Session chair in 2<sup>nd</sup> **International conference on Machining, Materials, and Design (iCMMD-16)**, Organized by: Dept. of Mech. Engg., Dr. B.A.T.U Lonere, Dist. Raigad, Maharashtra, India, during 20 -21 Dec. 2016
- ❖ Expert lecture on '**Surface Enhancement Technologies' (SET)** at G.P. NASHIK under 'Excellence in Manufacturing' STTP under DTE Sponsor, during 2 – 6 Jan. 2017
- ❖ Session chair in '**International conference on Manufacturing Excellence' (ICMAX - 2017)**, organised by: Dept. of Production Engg., K. K. Wagh Institute of Engg. Education and Research, Nashik, Sponsored by Savitribai Phule University Pune, India, during 3- 4 March 2017.
- ❖ Expert lecture on 'Research Methodologies, Literature review, and Design of experiments (DOE) at G.P. NASHIK under '**Research Methodology and Optimiation Techniques – RMOT- 2018**' STTP under DTE Sponsor, during 30 Jan – 3 Feb. 2018
- ❖ Expert lecture on "Introduction to PLC" at G.P. NASHIK under "Mechatronics and industrial Automation' **MIA – 2018**' STTP under MSBTE Sponsor, during 17- 21 Dec. 2018
- ❖ Session chair in '**International conference on Manufacturing Excellence' (ICMAX - 2019)**, organised by: Dept. of Production Engg., K. K. Wagh Institute of Engg. Education and Research, Nashik, Sponsored by Savitribai Phule University Pune, India, during 15- 16 Feb 2019.

## **Academic achievements:**

### **Scholarship:**

- National Merit Scholarship Holder from 10<sup>th</sup> Std. To B.E. (Mech.) 1982 - 1988
- Stood always in the merit list throughout my educational career and maintained *first class with distinction* status in my career.
- Officially, Read, Write and Speak five Languages; Kannada, English, Sanskrit, Hindi and Marathi.
- Certificate of Honor for passing Marathi Examination in distinction by 'Etadarth Mandal' Mumbai (M.S.)
- Passed Marathi and Hindi Examinations separately conducted by Govt. Bodies such as 'Etadarth Mandal' Mumbai
- Earlier Selection: Ph.D. Programme IIT Bombay.  
Under External category in S.J.M. School of Management I.I.T. Bombay, Mumbai  
[Ref: Regn. No. RMG 013 Dated: 14-12-2001]
- Selected for the post of Associate Professor (Production Engg. Dept), of C.O.E. PUNE during Feb, 2011 (Ref. Order No. Dated 05 Feb 2011)
- Selected as Head, Mech Engg. Dept. Under Dept. Of Higher and Tech Education Government of Maharashtra through MPSC. Ref. No. 13 Dated 01 Dec. 2015
- Guest Lecturer on Hon. Basis to many Institutions on Personality Development and Career Guidance Programmes and Counseling
- Undergone Industrial Training for a period more than **3 Months**
- Undergone Trainings more than **65 Weeks** at various Institutions of repute such as **NITTTR, IIT, BATU** and Government Organizations
- **Students Projects and Paper Presentation Competition: (Diploma Level):**
  1. Two Projects Guided by me bagged **2<sup>nd</sup> Prize** at the State (MS) Level Project Competition **DIPEX 2000, 2001**,
  2. State (MS) Level Project Competition **DIPEX - 2019, Dept. Achieved 1st and 2<sup>nd</sup> prize in different categories**
  3. In Paper Presentation competition of students guided by me, bagged **2<sup>nd</sup> Prize** at the State Level (MS) 2009, 2010 and 2018
  4. Worked as Evaluator of projects (Judge) under DIPEX- 2017 at Pune, DIPEX - 2018 at W.C.E. Sangli

**Other Administrative Work Undertaken / Doing:**

- Worked as **DLO Nashik** for MHT-CET -2017 examinations conducted under CET -CELL
- Vice-President Gymkhana During 1998-2003
- ISTE Student Chapter Staff Advisor Since Start, 1996 -2002
- Institute Level Time Table Committee Chair Person, 2002-2010 and 2016 -17, 2017-18
- Staff advisor / judge for cultural activities in singing, quiz, Antakshari, Personality competitions since 1992
- Worked as **DLO and Squad Chairman** for MS-CIT examinations conducted by MSBTE
- Worked as Chairman and member for AICTE committee constituted at DTE (MS)
- Worked as member for Academic Monitoring Committee constituted at MSBTE (MS) 2001-2015
- Worked as **I/C Principal with financial charge** at G. P. Ratnagiri in the **absence of regular person.**
- Working as Coordinator, Academic Monitoring Committee constituted at G.P. Karad (MS) since 2011-12 and 2012 -13 academic sessions
- **Worked as Rector, G.P. Karad (MS) since 1- 04 - 2012 to 31 – 07 - 2015**
- Worked as Vice-president cultural activities, G.P. Nashik (MS) during **2016–17, 2017-18 and 2018-19** Academic session
- Worked as Vice-president cultural activities, G.P. Karad (MS) since **2011 to 2014**
- Worked as Chairman for Academic Monitoring Committee (**EIMC**) constituted at MSBTE (MS) during 2016–2017, 2017-18, 2018-19
- Worked as Chief officer-in charge for “Mahatma Gandhi 150<sup>th</sup> centenary year celebrations “
- Worked as Nodal Officer for Oxygen plant audit in Nashik district for 289 for Covid -19 Hospitals
- Worked as Asst. Nodal Officer for admission process for post SSC and post HSC in Nashik district.

**14. SPONSORED PROJECTS / SCHEMES UNDERTAKEN**

Sr. No	Sponsoring Agency	Title of Project	Amount (Rs)	Period & Institute
1	MHRD (Higher Edn.)	Community polytechnic(CP)	30.00 Lakh	7 Years
2	MHRD (Higher Edn.)	Communitydevelopment through polytechnics(CDTP)	13.00 Lakh	2 Years

### 15. CONSULTANCY WORK:

Sr.No.	Organisation	Nature of work	IRG (Amount in Rs.)
1	Ratnagiri Municipal corporation work	Inspection and testing of the different items.	Rs. 70,000/- per Year
2	JWALA-SWARAJ YOJANA (G.P. Ratnagiri)	Testing of PUC pipes.	Rs. 200000/- per year
3	Govt. Polytechnic, Nashik	Inspection and testing of the different items. CONSULTANCY	Rs. 600000/- per year

### 16. INSTITUTE / INDUSTRIAL EXPERIENCE / INTERACTION

Sr.No.	Organisation	Nature of work
1	<ul style="list-style-type: none"> <li>Finolex industries, Ratnagiri.</li> <li>J K Files, Ratnagiri, Chiplun.</li> <li>TELCO, Pune</li> <li>Thermax, Pune</li> <li>Bajaj Auto, Pune</li> <li>Bharati shipyard, Ratnagiri.</li> <li>And many other</li> </ul>	<ul style="list-style-type: none"> <li>* Various UG projects.</li> <li>* Community dev. Programmes</li> <li>* Interaction for joint projects,</li> <li>* Curriculum development,</li> <li>* Training programme, research, Publications, etc.</li> </ul>
2	<ul style="list-style-type: none"> <li>FAMT, RATNAGIRI</li> <li>RMCIET, DEVRUKE</li> <li>RSIET, PEDHAMBE</li> <li>SP, SAWARDE</li> <li>RIT, SAKHARALE</li> <li>Govt. College of Engg. Karad</li> <li>SRES College of Engg. Kopargaon</li> <li>KK Wagh college of Engg. Nashik</li> <li>Guru Govind college of Engg. Nashik</li> <li>Sandeep Foundation, Nashik</li> </ul>	<p><b>PROJECTS, Teaching, Seminars, Special sessions.</b></p> <p><b>EXAMINATIONS: UG and PG</b></p> <p><b>S.T.T.P. , CONFERENCE,</b></p>
3	<ul style="list-style-type: none"> <li>Mahindra and Mahindra</li> <li>Atlas copro.</li> <li>Bosch</li> <li>NEC, Nashik</li> <li>Tools, Nashik</li> </ul>	<ul style="list-style-type: none"> <li>• Various UG projects.,</li> <li>• Visits., Expert Lectures</li> <li>• Interaction for joint projects,</li> <li>• Curriculum development,</li> <li>• Training programmes, research, Publications, etc</li> </ul>

**17. LIST OF CONTINUING EDUCATION PROGRAMMES /  
CONFERENCES / SEMINARS / WORKSHOPS ORGANISED**

S. No.	Title	Place	Period
1	RACET- 2009 State level paper presentation competition	Govt. Polytechnic Ratnagiri	25-02-2009
2	"Lean Manufacturing" workshop for students	Govt. Polytechnic, Nashik	8–9 September, 2016
3	'Excellence in Manufacturing Engg. " STTP under DTE, Mumbai	Govt. Polytechnic, Nashik	2- 6 January, 2017
4	Recent Trends in Refrigeration and Air conditioning' STTP under MSBTE, Mumbai	Govt. Polytechnic, Nashik	9 -13 January, 2017
5	"MIND SPARK' under MSBTE	Govt. Polytechnic, Nashik	1 <sup>st</sup> March 2017
6	'Research Methodology and Optimisation Techniques (RMOT - 2018)" STTP under DTE, Mumbai	Govt. Polytechnic, Nashik	30 Jan - 3 Feb, 2018
7	Accreditation of Engg. Programmes code MH-12	Govt. Polytechnic, Nashik, under NITTR, Bhopal	2- 6 July, 2018
8	'Mechatronics and Industrial Automation' STTP under MSBTE, Mumbai	Govt. Polytechnic, Nashik	17 – 21 December, 2018
9	Induction Programme code MH-15	Govt. Polytechnic, Nashik, under NITTR, Bhopal	11 - 25 Feb, 2019
10	Entrepreneurship development and Industry Institute Partnership code MH-20	Govt. Polytechnic, Nashik, under NITTR, Bhopal	25 -29 March, 2019
11	AME-2019 State level paper presentation competition	Govt. Polytechnic NASHIK	24-SEPT 2019

**18. IMPORTANT CONFERENCES / SEMINARS ATTENDED**

S. No.	Year	Conference / Seminar	Held at /Place
1.	2003	ISTE - 2003	Kumarguru college of Engg .Coimbatore
2.	2005	ETA – 2005	Sourashtra, Gujarat
3.	2006	ETA – 2006	Sourashtra, Gujarat
4.	2006	ICAMMP-2006	IIT, Kharagpur.
5.	2006	AMIE– 2006	JMI, Delhi.
6.	2006	NCRTM -2006	KIT, Kolhapur
7.	2006	TEAM TECH 2006	IISC, Bangalore

8.	2007	TEAM TECH 2007	IISC, Bangalore
9.	2007	ICAMTM	Parshvanath college of Engg. Thane, India
10.	2006.	NCSAME-2006	JNTU, College of Engg. Hyderabad
11.	2010	ICAME- 2010	SVNIT SURAT
12.	2013	ICAME – 2013	COEP, PUNE
13.	2013	AEOTIT – 2013	SVNIT, SURAT
14.	2013	ICOS -2013	AHER COLLEGE KARAD
15.	2013	IRAM-2013	IIT INDORE
16.	2014	NCEOTA-2014	GP MUMBAI
17.	2015	ISTE - 2015	H.V.P.S. Amravati
18.	2015	ISSET -2015	KJ College of Engg. and Mgt. Research, Pune,
19.	2016	iCMMD-16	Dr. BATU, LONERE
20.	2017	ICMAX- 2017	K. K. Wagh college of Engg. Nashik
21.	2019	ICMAX- 2019	K. K. Wagh college of Engg. Nashik
22.			

## **19. CONTRIBUTION TO ACADEMIC ENVIRONMENT / INSTITUTIONAL CORPORATE ACTIVITIES:**

### **18 years and 3 months at Govt. Polytechnic, Ratnagiri actively involved in:**

- Core committee (Institute level) for Autonomy and NBA
- Development of Vision 2020 document for GPR.
- Govt. Information officer (Institute level) GPR
- Internal coordinator CDTP scheme (MHRD Govt. of INDIA)

### **Departmental reforms implemented:**

- Creation of research environment (Three faculty completed Ph. D)
- Improvement in academic discipline and environment of department
- Involvement of faculty in RESEARCH and first year teaching,
- Accelerated interaction with industries
- Improvement in consultancy / IRG activities,
- Reforms in testing and consultancy amount distribution among staff,
- Started SDC and CEP activities in the department

## **20. EXAMINATION RELATED WORK**

- Worked as CONTROLLER OF EXAMINATIONS.
- Worked as SECRETARY, FLYING SQUAD, RAC under MSBTE
- Worked as Examiner, MODERATOR, Officer-incharge (RAC) Regional assessment centre under MSBTE, Distribution centre, Model answer work etc.
- Worked as Chairman, FLYING SQUAD, under Autonomous Poly., Nashik
- Recognised Guide for projects in Mechanical Engg



#### 14. **RESEARCH CONTRIBUTION:**

ORCID ID: <https://orcid.org/0000-0002-6835-9808>

##### **Research Publications:**

###### A) Papers in refereed journals

International Journals: Published: **22**; In Press: **00**; under review: **01**

- Indian Journals: **03**

###### B) Papers in Conference Proceedings

- International Conferences: **37** In process: **01**
- National Conferences: **18**

###### C) Book Chapters (refereed) **01** In process: **01**

Separate **Annexure – I** Enclosed

##### **Paper published in Journals**

1. Seemikeri, C. Y., Brahmanekar, P. K. and Mahagaonkar, S. B., 2006, "Effect of A Newly Designed L.P.B. Tool on the Surface Enhancement of AISI 1045: A Study," ***Manufacturing Technology Today, CMTI Journal***, ISSN-0972-7396 September 2006, Vol. 5(9), pp. 15-19.
2. Seemikeri, C. Y., Brahmanekar, P. K. and Mahagaonkar, S. B., 2006, "Parametric Studies on Low Plasticity Burnishing on the Surface Hardness of AISI 316L," ***International Journal of Manufacturing Technology & Research***, Dec. 2006, Vol. 2(3/4), pp. 78-82.
3. Seemikeri, C. Y., Brahmanekar, P. K. and Mahagaonkar, S. B., 2007, "Some Investigations into Low Plasticity Burnishing of AISI 316L," ***Manufacturing Technology Today, CMTI Journal***, ISSN-0972-7396, Bangalore, India, May- 2007. Vol. 6, Issue No. 5, pp.17-21.
4. Seemikeri, C. Y., Brahmanekar, P. K. and Mahagaonkar, S. B., 2007, "Some studies on Design and Performance analysis of a New Low Plasticity Burnishing Tool," ***International Journal of Machining and Machinability of Materials, (IJMMM) Inderscience***, Vol. 4, Nos. 2/3, 2008. pp. 237-251.
5. Seemikeri, C. Y., Brahmanekar, P. K. and Mahagaonkar, S. B., 2008, "Low Plasticity Burnishing: An Innovative Manufacturing Method for Bio-medical applications," ***Journal***

**of Manufacturing Science Engineering (ASME)** -- April 2008 -- Volume 130, Issue 2, 021008. ISSN: 10871357, **DOI: 10.1115/1.2896121.**

6. Seemikeri, C. Y., Brahmkankar, P. K. and Mahagaonkar, S. B., 2008, "Investigations on Surface Integrity of AISI 1045 using a Newly Designed Low Plasticity Burnishing Tool," ***JTRI1738 Tribology International, (Elsevier)***, Vol. 41/8 pp 724-734. **DOI information: 10.1016/j.triboint.2008.01.003 Impact Factor : 3.517**
7. Seemikeri, C. Y., Brahmkankar, P. K. and Mahagaonkar, S. B., 2007, "Enhancing Fatigue Life of AISI 1045 Using a New LPB Tool: A Study," published in ***Journal of Institution of Engineers [I]*** Kolkata, India. Vol. 89, March 2009 pp. 14-18.
8. Mahagaonkar, S. B., Brahmkankar, P. K. and Seemikeri, C. Y., 2009, "Effect on Fatigue Performance of Shot Peened Components: An Analysis Using DOE Technique," ***International Journal of Fatigue, (Elsevier)***, Vol. 31(4), pp.693-702. **Impact Factor : 3.673**
9. Mahagaonkar, S. B., Brahmkankar, P. K., and Seemikeri, C. Y., 2008, "Effect of Shot Peening Parameters on Microhardness of AISI 1045 and 316L Material: An Analysis Using Design of Experiment," ***International Journal of Advanced Manufacturing Technology, (Springer)*** Vol. 38, pp. 563-574.
10. Mahagaonkar, S. B., Brahmkankar, P. K. and Seemikeri, C. Y., 2008, "Effect of Shot Peening Parameters on the Surface Integrity of 316L Material," ***International Journal of Machining and Machinability of Materials, (Inderscience)***, Vol.4 (2/3), pp. 195-216.
11. Mahagaonkar, S. B., Brahmkankar, P. K. and Seemikeri, C. Y., "Some Investigations into Development of Nozzle and Its Suction System for Air Blast Shot Peening Machine," ***International Journal of Advanced Manufacturing Technology, (Springer)***  
**DOI: 10.1007/s00170-008-1831-8.**
12. Mahagaonkar, S. B., Brahmkankar, P. K. and Seemikeri, C. Y., 2007, "DOE – A Novel Approach in Studying Interaction Effect of Shot Peening Parameters on Surface Roughness and Microhardness of 316L Material," ***International Journal of Manufacturing Technology & Research***, Vol. 3(1/2), pp. 86-92.
13. Mahagaonkar, S. B., Brahmkankar, P. K., and Seemikeri C. Y., 2007, "Influence of Shot Peening Parameters on Surface Roughness and Microhardness Using DOE Technique," ***Manufacturing Technology Today, CMTI***, Vol. 6, pp.10-14.

14. Mahagaonkar, S. B., Brahmkar, P. K. and Seemikeri, C. Y., 2009 "Parametric studies on Surface Hardness and roughness of Shot Peened AISI 4340 Material," published in ***Journal of Mechatronics and intelligent Manufacturing, (Nova science)***. Vol. 1, No.:3 2009.
15. Mahagaonkar, S. B., Brahmkar, P. K. and Seemikeri, C. Y., 2009 "Influence of Shot Peening Parameters on Fatigue Life and Surface Hardness of AISI 1045 Material," published in ***Journal of Institution of Engineers[I]*** Kolkata, India. Vol. 90, September 2009 pp. 30-35.
16. Seemikeri, C. Y., Mahagaonkar, S. B. and Brahmkar, P. K., 2010, "The Influence of Surface Enhancement by Low Plasticity Burnishing on the Surface Integrity of Steels," ***International Journal of Surface Science and Engineering, (IJSurfSE)*** Inderscience, Vol.4No.4/5/6pp.465–491  
**DOI: 10.1504/IJSURFSE.2010.035148**
17. Seemikeri, C. Y., Mahagaonkar, S. B. and Brahmkar, P. K., 2010 "Parametric Studies of Low Plasticity Burnishing on the Surface Enhancement of AA 7075-T6," ***International Journal of Manufacturing Technology and Industrial Engineering (IJMTIE)*** Serials publishers, 1(2) July-December 2010, pp. 117-123
18. Seemikeri, C. Y., Mahagaonkar, S. B. Brahmkar, and P. K., 2012, "Improvements in Surface Integrity and Fatigue Life of Low Plasticity Burnished Surfaces," ***International Journal of microstructure and material properties (IJMMP)***, Inderscience, Vol. 7, No. 1, pp. 27–48.
19. Anish P Borkar, Prasad S Kamble, Chandrakant Y Seemikeri 2014, "Surface Integrity Enhancement of Inconel 718 by using Roller Burnishing Process ", ***International Journal of Current Engineering and Technology*** Inpressco, Vol. 4 No. 4 pp. 2595 – 2598
20. A. A. Dounde, Dr.C. Y. Seemikeri, P.R. Tanpure 2015, "Study of Shot Peening Process and their Effect on Surface Properties: A Review", ***International Journal of Engineering, Business and Enterprises Applications (IJEBA)*** Vol. 2 Issue 12 pp. 104 –107. ISSN(Online):2279-0039, ISSN (Print) 2279-0020
21. Naigade D. M. and Seemikeri, C.Y. 2015, "Study of Chip Formation in Hard Turning of AISI 4340 Alloy Steel in Different Cutting Environments ", ***International Journal of Engineering Research and Technology, (ESRSA)*** Publications ISSN:2278 – 0181
22. Dr. Sanjeev Reddy K Hudgikar, Dr. Chandrakant Y. Seemikeri, Prof. Prasad S. Kamble 2017, "Experimental Investigations on Friction Stirr Welding (FSW) on Al 6061: A case

study", *International Research Journal of Engineering and Technology (IRJET)*, Vol.4 Issue 8 pp-1282-1286 e-ISSN: 2395-0056 p-ISSN: 2395-0072

23. Gurunath Shinde, Sameer Gajghate, P.S. Dabeer and C.Y. Seemikeri, 2017, "Low Cost Friction Stir Welding: A Review ", *Materials Today: Proceedings*, Volume 4, Issue 8, 2017, pp 8901- 8910 **Impact Factor : 21.695**  
**<https://doi.org/10.1016/j.matpr.2017.07.241>**
24. A. A. Dounde, Dr. C. Y. Seemikeri, S.G. Kamate 2018, "Optimization of Shot Peening Process for AISI 4140H Forged Connecting Rod Using MADM Techniques", *International Journal of Manufacturing and Management (IJMTM) Inderscience* Vol.32 No. 4/5, pp. 316 -.335 **DOE 10.1504/IJMTM.2018.093341**
25. Vishal Bhosale, Shrikant Gorane, Chandrakant Seemikeri, 2020, "An Investigation of Knowledge Flow Barriers within Supply Chain" *International Journal of Disaster Recovery and Business Continuity (IJDRBC)* vol. 11, No.3,(2020) pp. 1996-2008
26. Seemikeri, C.Y. and Kamble, P. S. 2020, "Effect of Low Plasticity Burnishing on the Surface integrity of AA-7075-T6", *International Journal of plasticity, Elsevier* under process

#### **BOOKCHAPTER:**

##### **1. Book chapter: SHOT PEENING PROCESS; STATE-OF-THE-ART**

Edited book title: **Process Control: Problems, Techniques and Applications, 2010**

**By: Mahagaonkar, S. B., Seemikeri, C. Y. and Brahmanekar, P. K.**

##### **2 Book chapter: Computational Method for Optimising Low Plasticity Burnishing (LPB): An Innovative Manufacturing Method for Bio-medical and Heavy Electrical Transmission Applications (Under process)**

Edited book title: **"Computational Methods for optimizing manufacturing technology"**

**By: Seemikeri, C. Y., Mahagaonkar, S. B. and Brahmanekar, P. K.**

#### **Paper published in national and international conferences**

1. Brahmanekar, P. K., Seemikeri, C. Y. and Mahagaonkar, S. B., 2005, "A Review on Roller Burnishing Technology," *National Conference on Emerging Technologies ETA-2005*, Sourashtra University, Rajkot, Oct 2005.
2. Brahmanekar, P. K., Seemikeri, C. Y. and Mahagaonkar, S. B., 2006, "A Review of Burnishing; State-of-the-art," *Proceedings of the ICAMMP-2006*, IIT, Kharagpur, Feb 2006, pp. 288-295.

3. Brahmkar, P. K., Seemikeri, C. Y. and Mahagaonkar, S. B., 2006, "Low Plasticity Burnishing Technology; State-of-the-art," *Proceedings of the NCRTM-2006*, K.I.T. Kolhapur, Jan 2006, pp. 8-13.
4. Brahmkar, P. K., Seemikeri, C. Y. and Mahagaonkar, S. B., 2006, "A Review of Conventional Burnishing Technology," *Proceedings of the AIME-2006*, J.M.I. New Delhi, Jan 2006, pp. 21-27.
5. Seemikeri, C. Y., Brahmkar, P. K. and Mahagaonkar, S. B., 2006, "Low Plasticity Burnishing [L.P.B] - a Novel Method of Surface Enhancement: A Study," *TEAM TECH 2006*, I. I. Sc. Bangalore, Feb. 2006, Paper No. TT-52.
6. Seemikeri, C. Y., Brahmkar, P. K. and Mahagaonkar, S. B., 2006, "A Study of the Effects of Low Plasticity Burnishing Parameters on the Surface Roughness of AISI 1045," *Proceedings of the International Conference on Automation (PICA-2006)*, PCEA, Nagpur (India), July 2006.
7. Seemikeri, C. Y., Brahmkar, P. K. and Mahagaonkar, S. B., 2006, "Effect of the Low Plasticity Burnishing (LPB) Parameters on the Surface Hardness: A Study," *National Conference on State-of-the-art of technologies in Mech. Engg. [NCSAME-2006]*, JNTU, College of Engg. Hyderabad, May 2006.
8. Seemikeri, C. Y. and Mahagaonkar, S. B., 2006, "Preliminary investigations into low plasticity burnishing of steels," *National Conference on Emerging Technology Applications ETA- 2006*, Sourashtra University, Rajkot, Oct 2006
9. Seemikeri, C. Y., Brahmkar, P. K. and Mahagaonkar, S. B., 2006, "Some Investigations on Surface Enhancement of 316L using a Newly Designed Low Plasticity Burnishing [L.P.B] Tool," *International Conference on Advances in Mech. Engg. [AME-2006]*, BBSBEC, Fatehgarh Sahib, Dec. 2006. MP-III pp. 187-191.
10. Brahmkar, P. K, Seemikeri, C. Y. and Mahagaonkar, S. B., 2007, "Some Studies on Enhancing the Fatigue Life of AISI 316L using a New Low Plasticity Burnishing Tool," *5<sup>th</sup> International Conference on Materials Processing for Properties and Performance [MP3]*, Dec 2006, Singapore, paper no. AMFT-057.
11. Seemikeri, C. Y., Brahmkar, P. K. and Mahagaonkar, S. B., 2007, "The Influence of Surface Enhancement by Low Plasticity Burnishing on the Surface Hardness of Steels," *Proceedings of the International Conference on Advances in Manufacturing and Technology Management [ICAMTM]*, Parshvanath college of Engg. Thane, India, Jan 2007, pp. 533-540.
12. Seemikeri, C. Y., Brahmkar, P. K. and Mahagaonkar, S. B., 2007, "The Influence of Low Plasticity Burnishing on the Surface Enhancement of Steels," *CPIE-2007, Global conference on Production and Industrial Engineering*, Dr. B. R. Ambedkar NIT, Jalandhar, Punjab India, March 2007, Paper no. 146.

13. Seemikeri, C. Y., Brahmanekar, P. K. and Mahagaonkar, S. B., 2007, "Some Studies on Low Plasticity Burnishing of Aluminium Alloy 7075-T6," *6<sup>th</sup> International Conference on Materials Processing for Properties and Performance MP<sup>3</sup>-2007*, Beijing, China. Sept. 2007. Paper ID. 1418
14. Seemikeri, C. Y., Brahmanekar, P. K. and Mahagaonkar, S. B., 2007, "Effect of Low Plasticity Burnishing on the Surface Hardness of AA7075-T6," *International Conference TEAM TECH-2007*, IISc. Bangalore, India. Oct. 2007.
15. Seemikeri, C. Y., Brahmanekar, P. K. and Mahagaonkar, S. B., 2007, "Some Investigations on Surface Improvement of AISI 1045 Using a New Low Plasticity Burnishing Tool," *National Conference NCAM-2007*, FCRC, College of Engg. Bandra, Mumbai, India. Oct. 2007.
16. Seemikeri, C. Y., Brahmanekar, P. K. and Mahagaonkar, S. B., 2007, "Effect of Low Plasticity Burnishing Parameters on the Surface Enhancement of AA7075-T6," *International Conference On Advanced Manufacturing Technologies ICAMT-2007*, Central Mechanical Engineering Research Institute, Durgapur, India. 29-30 Nov. 2007. Paper code NNSM 005
17. Brahmanekar, P. K., Mahagaonkar, S. B. and Seemikeri, C. Y., 2006, "Shot peening; state-of-the-art," *Proceedings of the International Conference, ICAMMP-2006*, I.I.T. Kharagpur, 2-3 Feb 2006, India, pp. 296-303.
18. Brahmanekar, P. K., Mahagaonkar, S. B. and Seemikeri, C. Y., 2006, "An Overview of Shot Peening on High Strength Materials," *Proceedings of the National Conference, NCRTM-2006*, K.I.T. Kolhapur, 7-8 Jan 2006, India, pp. 38-45.
19. Brahmanekar, P. K., Mahagaonkar, S. B. and Seemikeri, C. Y., 2006, "A Review on Shot Peening Technology," *Proceedings of the National Conference, AIME-2006*, J. M. U. New Delhi, 20 -21 Jan 2006, India, pp. 32-38.
20. Brahmanekar, P. K., Mahagaonkar, S. B. and Seemikeri, C. Y., 2006, "A Review of Parametric Studies on Shot Peening Technology," *Proceedings of the National Conference, ETA-2005*, Saurashtra University, Rajkot, 1-2 Oct 2005, India.
21. Mahagaonkar, S. B., Brahmanekar, P. K., and Seemikeri, C. Y., 2006, "A Study of Interaction Effects of Shot Peening on Surface Roughness by Using Taguchi Technique," *Proceedings of the PCEA – IFToMM International Conference-PICA 2006* PCE&A, Nagpur, July 11-14, 2006, India,
22. Mahagaonkar, S. B., Brahmanekar, P. K. and Seemikeri, C. Y., 2006, "Shot Peening- A Surface Enhancement Technique: A Study on En 8 Material," *Proceedings of the National Conference on State of the Art Technologies in Mechanical Engineering, NCSAME-2006*, 5-6 May 2006, India.

23. Mahagaonkar, S. B. and Seemikeri, C. Y., 2006, "Effect of Shot Peening Parameters on AISI 1045 Material," *Proceedings of the National Conference, ETA-2006*, Saurashtra University, Rajkot, 1-2 Oct 2006, India.
24. Mahagaonkar, S. B., Brahmanekar, P. K. and Seemikeri, C. Y., 2006, "State-of-the-Art: Application of Shot Peening in the Enhancement of Microhardness on En8 Material - An ANOVA Analysis," *International Conference on Advances in Mechanical Engineering, AME-2006*, 1-3 December 2006, Fatehgarh Sahib, Punjab, India, pp. 182-186.
25. Mahagaonkar S. B., Brahmanekar. P. K., and Seemikeri C. Y, 2006, "Effect of Shot Peening Parameters on Microhardness of AISI 1045 and 316L Material: an Analysis Using DOE," *First International, 22nd AIMTDR Conference IIT Roorkee*, India, pp. 451-456.
26. Brahmanekar, P. K., Mahagaonkar, S. B. and Seemikeri C. Y., 2006, "Parametric Studies on the Surface Enhancement of Shot Peened Components," *Proceedings of the International Conference 5<sup>th</sup> Materials Processing for Properties and Performance*, MP3, 11-15 December, 2006 Aerospace Engineering, Nanyang Avenue Singapore.
27. Mahagaonkar, S. B., Brahmanekar, P. K., and Seemikeri, C. Y., 2007, "Effect of Shot Peening Parameters on Surface Roughness and Microhardness of AISI 1045 Material," *CPIE-2007*, March 22-24, NIT, Jalandhar, India.
28. Mahagaonkar, S. B., Brahmanekar, P. K. and Seemikeri, C. Y., "Interaction Effects of Shot Peening Parameters on Surface Roughness and Microhardness Using DOE Technique," *International Conference and Exhibition on Total Engineering, Analysis & manufacturing Technologies, TEAM TECH 2007*, I.I.Sc Bangalore, 4<sup>th</sup> October, 2007.
29. Mahagaonkar, S. B., Brahmanekar, P. K. and Seemikeri, C. Y., "Effect of Shot Peening Parameters on Fatigue Life and Microhardness of AISI 1045 Material," *International Conference in Advanced Manufacturing Technologies*, Nov 29-30, 2007, Durgapur, paper No: NNSM 002.
30. Mahagaonkar, S. B., Brahmanekar, P. K. and Seemikeri, C. Y., "Effect of Shot Peening Parameters on Fatigue Life and Microhardness of AISI 4340 Material," *International Conference in Advanced Manufacturing Engineering*, Dec 15-17, 2008, SVNIT Surat, pp. 963-967.
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32. Seemikeri, C. Y., Brahmanekar, P. K. 2003 "Appropriate technology for rural development" at 33<sup>rd</sup> *I.S.T.E. Convention and National seminar*, Kumar guru college of Technology, Coimbatore [T.N.] INDIA, 27-30 December 2003

33. Seemikeri, C. Y. and Brahmkar, P. K. 2007, "The Effect of Electrical Discharge Machining on Surface Integrity of Aluminium Matrix Composites," *6<sup>th</sup> International Conference on Materials Processing for Properties and Performance MP<sup>3</sup>-2007*, Beijing, China. Sept. 2007. Paper ID. 1419
34. Seemikeri, C. Y., Mahagaonkar, S. B. and Brahmkar, P. K., 2010 "Parametric Studies of Low Plasticity Burnishing on the Surface Enhancement of AA 7075-T6 ,*International Conference in Advanced Manufacturing Engineering*, ICAME – 2010 September 23- 25, 2010, SVNIT Surat, pp. 265-270
35. Mahagaonkar, S. B., Seemikeri, C. Y., and Brahmkar, P. K., 2010 "Parametric studies on Wear of Shot peened AISI 1045 Material," *International Conference in Advanced Manufacturing Engineering*, ICAME – 2010, September 23- 25, 2010, SVNIT Surat, pp. 438- 442
36. Girish D. Warkale, Nitin V. Sali and C.Y. Seemikeri, 2012 "Performance enhancement of solar water heating system using metal grit in phase change materials (PCMs)",*National Conference on Recent Advancements in Engineering*, NCRAE – 2012 June 23- 24, 2012, SanjeevanEngg, and Technology Institute, Panhala, India, pp. 108-110
37. Kamble, P.S., Jadhav V.S and Seemikeri, C.Y. 2012 "Surface Improvements by roller burnishing process on EN – 24",*National Conference on Recent Advancements in Engineering*, NCRAE – 2012 June 23- 24, 2012, Sanjeevan Engg, and Technology Institute, Panhala, India, pp. 197-200
38. Seemikeri, C.Y. and Mahagaonkar S. B. 2013, "Surface finish Improvement by roller burnishing process on Inconel - 718", *International Conference on Advances in Mechanical Engineering*, ICAME–2013 May 29- 31, 2013, College of Engineering Pune (CoEP) India, Paper Id. – ICAME2013 S11/P4
39. Kamble, P.S and Seemikeri, C.Y. 2013, "Surface Texture Improvement on Inconel–718 by roller burnishing process", *International Conference on Advanced Engineering Optimisation Through Intelligent Techniques*, AEOTIT July 1-3, 2013, S.V. NIT Surat, India, pp. 438-42
40. Seemikeri, C.Y. and Kamble, P.S. 2013, "Some investigations into surface texture modifications of Titanium alloy by conventional burnishing method",*International Conference on Advanced Engineering Optimisation Through Intelligent Techniques*, AEOTIT, July 1-3, 2013, S.V. NIT Surat, India, pp. 443-47
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