

Name: Kishore Chandrakant Raipurkar

Designation: Adjunct Faculty

Department: Mechanical Engineering Department.

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Phone Number: 7083260767,8668343204

Teaching Experience: 40

Qualifications:



| Sr.No. | Course | Name of University/Institute | Year |
|--------|-----------------------|---|----------|
| 1. | Ph.D.(Psychology) | MAHGU, Paudi Garhwal, Uttarakhand | Pursuing |
| 2. | M.A.(Psychology) | Dr.BAMU, Vivekanand College, Aurangabad | 2002 |
| 3. | M.E. (Mech.) | Dr.BAMU, Govt.Engg.College, Aurangabad | 1996 |
| 3. | B.E. (Mech.) | Bhopal Unst.,M.A.C.T., Bhopal | 1982 |
| 4 | H.S.S.C. | M.P. Board, H.S.S. Sector 7, Bhilai Nagar, (M.P. Now C.G.) | 1977 |

Teaching Responsibility:

Subjects Taught at UG level:

1. Engineering Graphics.
2. Machine Drawing.
3. Design of Machine Elements-I and II.
4. Metrology and Quality Control.
5. Tool Design.
6. Psychology.
7. Consumer Psychology.
8. Design Thinking,
9. Entrepreneurship Development.

Subjects Taught at PG level:

- 1) Tribology.
- 2) Industrial Automation.
- 3) Advanced Manufacturing Processes.

Publications (Papers): 05

| Sr. No. | Authors | Title of the Paper | Conference/Journal | Institute/Organization | Date |
|---------|---|--|--|---|--------------------------|
| 1. | K. C. Raipurkar S.G. Kulkarni | “Experimental Study on Hard Chromium coated Contraceptives Testing Mandrels” (A case Study) | Paper Code AM - 39 (4 th International Conference on Mech. Engg. ICME 2001 | B.U.E.T. Dhaka | 26/12/2001 to 28/12/2001 |
| 2. | P.M.Selmokar (Muley), K.C. Raipurkar | “Change in wear Resistance and Toughness Of D2 Steel after Sub zero Treatment” | (ICAMDIA 2007 MED COE Pune.) | COE, Pune.India | 10/01/2007 To 12/01/2007 |
| 3. | Pravin Sarode, K.C.Raipurkar | Cryogenic treatment of metals and enhancement of mechanical properties . | World Journal: ISSN: 2231-2587 | World Journal of Science and Technology; Vol. 2, No 4 (2012) | 25/07/2012 |
| 4. | N.S.Mendhe,Dr. S.A.Sonawane, K.C.Raipurkar | Experimental Study and Optimization of Leaf Spring. | International Journal(IJERT): ISSN:2278-0181 | International Journal of Engineering and Research and Technology, Vol.4,Issue01,Jan.2015) | January 2015 |
| 5. | Raphael Addinnal, C.L.Gogte, K.C.Raipurkar, Abdurrahman M. Syed. | Cryogenic treatment of Aluminium alloy AA-6061 and multiwalled carbon nano tubes (MWCNT) | NMD-ATM ,2016 IIT, Kanpur, Oral Session. | IIT, Kanpur. | 11/11/2016 to 14/11/2016 |

Publications (Books, Articles, Reports):

- Authored two books on Personality Development. Published by Utkarsh Prakashan , Pune.
- Authored a book on Industrial Engineering and Safety, NMU, Jalgaon. Nirali, Jalgaon.
- A Book Chapter “Use of Technology and Innovations in Stress Coping Strategies”. ITM book published by MAHGU, Paudi Garhwal, Uttarakhand.
- An Industrial Survey report of the Marathwada Region for NTMIS. Submitted to Govt, Of Maharashtra .

Patents: Two granted(Certificates awarded) and Three are under process.

Granted:

- (1) Mechanical Stand for Holding Banana Stem.
- (2) Device to Identify the Psychological State of Worker.

Applied and published :

1. A technique for CNT Surface modification technique using liquid nitrogen.
2. An Apparatus for preventing oxidation and storage of fine aluminium powder.
3. Apparatus for obtaining dispersed CNT using liquid nitrogen treatment.

Memberships and Affiliations:

Memberships of Professional Institutions:

| Sr. No | Professional Body | Membership Number | Date/Month of Registration |
|--------|--|-------------------|----------------------------|
| 1. | The Institution of Engineers (India) | M-134529-4 | 06/09/2007 |
| 2. | Indian Institution of Industrial Engineering | MIIE 9237 | 01/04/2009 |
| 3. | The Indian Institute of Metals | 53641 | 2015-16 |
| 4. | The Indian Institute of Welding | R-12108/L | 16/01/2017 |

Training/Workshop/Seminar/Conference:

| Sr. No. | Name and location of Training | Duration | | Total Days |
|---------|--|----------|----------|------------|
| | | From | To | |
| 1. | Industrial Training Program Training and Placement Officer at T.T.T.I Bhopal | 02/11/92 | 29/01/93 | 84 |
| 2. | Technical Teachers Training | | | |
| | Induction Course I at T.T.T.I Bhopal | 12/04/93 | 07/05/93 | 30 |
| | Induction Course II at T.T.T.I Bhopal | 22/11/93 | 17/12/93 | 30 |
| 3. | Training of teachers as trainer motivators at Govt. Polytechnic Aurangabad (Conducted by T.T.T.I Bhopal) | 23/08/93 | 03/09/93 | 10 |
| 4. | Local Fellowship Training Program for polytechnic faculty in Education Technology | 30/03/98 | 26/06/98 | 90 |

| | | | | |
|----|---|----------|----------|----|
| | at T.T.T.I. Eastern Region, Calcutta | | | |
| 6. | Management Capacity and Vision Development at Sinhgad Institute of management Pune. | 20/01/06 | 22/01/06 | 03 |
| 7. | National level trainer's development programme on training needs analysis and use of TNA toolkit at Department of Personnel and Training, GOI (YASHDA, Pune) Certified Consultant for TNA, GOI. | 14/01/13 | 25/01/13 | 10 |
| 8. | Entrepreneurship Development Program (15 days E- Learning EDP) at NIESBUD, MSDE, Govt. of India. | 31/01/19 | 14/02/19 | 15 |
| 9. | Short Term Training NBA ACCREDITATION Through ICT Mode at N.I.T.T.T.R. Kolkata. | 22/04/19 | 26/04/19 | 4 |
| 10 | NPTEL-AICTE, Faculty Development Program, ACCREDITATION AND OUTCOME BASED LEARNING , Ministry of HRD , GOI | 25/08/19 | 25/10/19 | 60 |

Technical Workshops:

| Sr. No | Name of Work Shop | Duration | | Total |
|--------|--|----------|----------|-------|
| | | From | To | Days |
| 01 | "Quality Improvement in Product Design using Taguchi Approach" at JNTU Hyderabad | 24/09/03 | 27/09/03 | 04 |
| 02 | "Tribology" at Sinhgad Collage of Engineering Pune. | 28/01/05 | 29/01/05 | 02 |

| | | | | |
|----|--|----------|----------|----|
| 03 | Characterization of Materials” at VNIT Nagpur. (TEQIP) | 28/09/06 | 30/09/06 | 03 |
| 04 | Research Methodologies and Report writing” University College Of Engineering Osmania university Hyderabad. | 27/06/03 | 28/06/03 | 02 |

Experience:

| Sr.no. | Name of the Organization | Post held | Period of service | Nature of job |
|--------|---|---------------------|------------------------|---|
| 1 | Bhilai Steel Plant | M.T.(Tech.) | 8/3/83 to 5/9/84 | Mechanical Maintenance in Water supply department |
| 2 | J.N.Engineering College, Aurangabad | Lecturer | 7/12/84 to 30/6/88 | Teaching and other activities |
| 3 | Govt. Polytechnics Jalna, Aurangabad, Nanded. | Lecturer | 1/7/88 to 23/02/00 | Teaching and other activities |
| 4 | Govt. College of Engineering Aurangabad | Asst. Prof. | 24/2/00 to 30/07/08 | Teaching and other activities |
| 5 | Govt.college of Engg Jalgaon | Associate Professor | 01/08/08 01/09/2014 | HoD Mech TPO Rector Nodal Officer III under TEQIP II |

| | | | | |
|---|---|---------------------|---|--|
| 6 | Marathwada Institute of Technology | Associate Professor | 03/09/2014 02/12/2019 | Associate Professor, I/C Entrepreneurship Development Cell |
| 7 | Maharaja Agrasen Himalayan Garhwal University, Pauri Garhwal, Uttarakhand | Research Scholar | Registered Nov. 2022 Course work July 2023 | Ph. D. in Progress. Course work Completed (pass) |

Accomplishments:

- Participated in various Trainings /Workshops /Seminars /Conferences : These Training Programs are completed under AICTE recognized Technical Training Institutions of National repute (HRD Govt. of India) . All these programs are based on principles of Education Technology and Educational Pedagogy.
- Completed a National level trainer's development programme on training needs analysis and use of TNA toolkit at Department of Personnel and Training, GOI (YASHDA, Pune) is a certification for Training Need Analysis Consultant.
- After trainings , got opportunity to apply Pedagogy principles effectively in my regular teaching and shared pedagogy knowledge to uncounted number of students for their In plant Training and Projects also.
- Organized Industrial Trainings for Training and Placement Officers of Govt. Polytechnic Teachers and conducted various sessions on Industrial Training Pedagogy .
- Conducted Train The Trainers' workshops on Industrial Training Pedagogy for supervisors, managers and trainers for STRIVE project under Skill India Mission GOI , through CMIA, Aurangabad. More than 100 participants from 6 Aurangabad based organizations benefited from these sessions.
- Receiving M.A. degree in Psychology enhanced my understanding on Personalty Development and resulted in two books published by Utkarsh Prakashan Pune. My overall knowledge base supports some of the common areas of topics related with Industry and various organizations i.e. soft skills, behavioral skills, leadership skills, human skills, managerial skills, supervisory skills with the base of coaching and mentoring.
- Worked as first Controller of Examination, Govt. Engineering College (Autonomous Institute).2005-07.
- Worked as Incharge EVM training, On field public training, Material distribution, Presiding Officer on Election days, Counting, Aurangabad constituency 2004-05 elections.[Received Election commisions'Certificate of Excellence.

- Worked as District Liason Officer for CET in Jalgaon district 2012-13.
- Completed Industrial Survey report of Marathwada Region for NTMIS and submitted with DTE, Govt. Of Maharashtra.
- Worked as Curriculum Teacher for various engineering as well as psychology, consumer psychology, design thinking and personality development courses.
- Worked as TPO, HoD, Controller of Examination, I/C Principal and handled various Institutional portfolios including nodal officer finance under TEQIP II and in other academic and administrative activities.
- Established Job Simulation and Promotion Cell (JSPC) to inculcate professional skills among students and make them employable. Many students were benefited.Guidance and Counselling to students and parents was a consistent feature as moral and social responsibility.
- Actively involved with students and parents for guidance and counselling, supporting them for In plant training, projects and offline placement.
- Visited various Industries of Mumbai Nashik, Pune, Aurangabad, Jalgaon for campus invitation during 15 days hectic tour.Industry Academia Meet was organised at Govt. Engg. College Jalgaon.
- Prepared curriculum for North Maharashtra University on” Industrial Safety” for Engineering students and published a book through local publisher.
- During working with MIT Aurangabad , Prepared a DPR for SIRO certification . MIT, Aurangabad got the SIRO certification.
- Organised various Entrepreneurship Programs for students through reputed oranzations I.e. MCED/ NSDC/ NISBUD/ ROTRACTCLUB etc.
- Currently Associated with NGOs Astha foundation and Sneh Sawali Care Center Aurangabad for social service.
- Pursuing Ph.D. Psychology in MAHGU, Pauri Garhwal, Uttarakhand.
- Currently working as Adjunct faculty in mechanical engineering department, GECA, Aurangabad.

Additional Responsibility: Mentoring students and faculty. Liasoning with industries. Guidance for patenting,industry based projects and allied research activities publications.

