



Curriculum Vitae

1. Name of Faculty: Rajendra Nivrutti Khadse
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2. Address : 21, Tirupati Nagar , Near Gajanan Maharaj Mandir ,
Garkheda Parisar , Aurangabad 431009
3. Mobile No. : 9423707683
4. Date of Birth : 19/06/1967
5. Memberships of professional organizations/Bodies :

| Sr. No | Name of Body | No |
|--------|---|----------|
| 1 | Institution of Engineers (India), Kolkata | M-129189 |
| 2 | Indian society for Technical Education , New Delhi | LM12449 |

6. (a) EDUCATIONAL QUALIFICATIONS:

| Sr. No. | Certificate / Degree | Board / University | Specialization | Passing Year | Percentage Marks | Class / Grade |
|---------|----------------------|--------------------|----------------|--------------|------------------|---------------|
| 1 | DME | MSBTE | -- | 1986 | 65% | I |
| 2 | BE (MECH) | Amravati | Power | 1989 | 65% | I |
| 3 | ME (Thermal) | Amravati | Power | 1998 | | I |
| 4 | PGDIT | Amravati | IT | 29/06/2002 | 82.57 | I |

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|---|--|-----------|----|------------|-------|---|
| 5 | GECT | Amravati | IT | | | |
| 6 | Diploma in information technology (03 months) | CDAC pune | IT | 06/01/2000 | 89.66 | I |

6. (b) :- ADDITIONAL SKILLS:-

- Counsellor for engineering admissions

6. (c) :- CAREER DETAILS:-

| Sr. No. | Institute | Department | Designation | From | To |
|---------|----------------|------------------------|---|-------------|------------|
| 1 | G.P.Khamgaon | Mechanical Engineering | Lecturer in Mechanical Engineering (Adhoc) | 15/10/1991 | 20/03/1992 |
| 2 | G.P.Khamgaon | | Lecturer in Mechanical Engineering (MPSC) | 21/03/1992 | 15/08/1995 |
| 3 | G.P.Amravati | Mechanical Engineering | Lecturer in Mechanical Engineering(Sr. Grade) | 16/08/1995/ | 23/07/1002 |
| 4 | G.P.Aurangabad | Mechanical Engineering | Lecturer in Mechanical Engineering(Selection Grade) | 24/07/2002 | 15/07/2011 |
| 5 | G.P.Beed | Mechanical Engineering | Lecturer in Mechanical Engineering | 16/07/2011 | 12/08/2013 |
| 6 | G.P.Aurangabad | Mechanical Engineering | Lecturer in Mechanical Engineering | 13/08/2013 | 01/06/2018 |
| 7 | G.P.Nashik | Mechanical Engineering | Lecturer in Mechanical Engineering | 02/06/2018 | Till date |

6. (d) :- SPECIALIZED TRAINING /COURSES ATTENDED:-

| | Training Name | Organization | Period | |
|----|---|---|------------|------------|
| | | | From | To |
| 1 | Induction Phase-I | Govt. Polytechnic, Nagpur | 26/12/1994 | 20/01/1995 |
| 2 | Induction Phase-II | TTTI Pune | 03/07/1995 | 28/07/1995 |
| 3 | C Programming | Govt. Polytechnic, Amravati | 21/04/1999 | 03/05/1997 |
| 4 | Industrial Training of Teachers | Govt. Polytechnic, Amravati | 04/01/1999 | 27/03/1999 |
| 5 | Visual C++ | Govt. Polytechnic, Yavatmal | 31/07/2000 | 11/08/2000 |
| 6 | AutoCAD2000 | Govt. Polytechnic, Amravati | 02/07/2001 | 13/07/2001 |
| 7 | Tool Engineering | Smt. L.V. Govt. Polytechnic, Hassan | 03/12/2001 | 15/12/2001 |
| 8 | Solid Edge V15 | Expert NetCad Solutions Pvt Ltd Aurangabad | 10/01/2004 | 10/01/2004 |
| 9 | Advances in Automobile Engg | Govt. Poly. Nagpur | 03/01/2005 | 15/01/2005 |
| 10 | CNC Programming | IGTR, Aurangabad | 06/11/2006 | 18/11/2006 |
| 11 | Curriculum Development and evaluation process CDEP 2008 | Government College of Engineering Aurangabad | 11/01/2008 | 11/01/2008 |
| 12 | Heat treatment and applications of industrial steels | Govt. Poly. Aurangabad | 11/02/2008 | 15/02/2008 |
| 13 | Preparation of DPR | Govt. Poly. Aurangabad | 25/02/2008 | 29/02/2008 |
| 14 | World class Polytechnic work shop | Govt. Poly. Aurangabad | 17/11/2009 | 17/11/2009 |
| 15 | Hot rolling of steels and Applications | Government Polytechnic Jalna | 11/01/2010 | 16/02/2010 |
| 16 | Staff Development Programme | NITTTR Extension Centre Pune | 08/02/2010 | 10/02/2010 |
| 17 | AutoCad Training | ADCC InfoCad Pvt Ltd Nagpur | 29/11/2010 | 10/12/2010 |
| 18 | Interpersonal skills Development | C.S.M.S.S.College of Polytechnic Aurangabad | 01/10/2011 | 05/10/2011 |

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|----|---|--|------------|------------|
| 19 | Recent trends in Automobile engineering | Government Polytechnic Nashik | 28/02/2011 | 04/03/2011 |
| 20 | Engineering optimization techniques and its applications in Research EOTAR | Government College of Engineering Aurangabad | 02/01/2012 | 12/01/2012 |
| 21 | CAD /CAM through Autocad/ Catia/Pro-E/UG-NX | CIPET AURANGABAD | 08/10/2012 | 19/10/2012 |
| 22 | CNC Tooling – operations, programming and machining Techniques | CIPET AURANGABAD | 07/01/2013 | 18/01/2013 |
| 23 | Personality Development | Government Polytechnic Aurangabad | 12/01/2013 | 13/01/2013 |
| 24 | Designingm and Development outcome based curriculum | NITTR Bhopal | 01/12/2015 | 03/12/2015 |
| 25 | Designing and Development ooutcome based curriculum | NITTR Bhopal | 01/12/2015 | 03/12/2015 |
| 26 | TOT For Developing Learning to learn skills among students | NITTR Bhopal | 13/02/2017 | 17/02/2017 |
| 27 | Second Course Detailing Workshop for 1 st group 4 th sem programmes | NITTR Extension Centre Pune | 29/03/2017 | 31/03/2017 |
| 28 | Classroom Communication through ICT | NITTR Chandigarh | 28/05/2018 | 01/06/2018 |

6. (e) :- RESEARCH ACTIVITIES :-**Papers published**

| S.N. | Title of the Paper | Paper Publish / Read | Venue of Conference | Organizer | From | To |
|-------------|--|-----------------------------|---|--|------------------|--------------|
| 01 | Conservation of Energy by improved thermal insulation in plastic processing equipment | State | Proceedings of Annual Technical paper meet 1999. | Institution of Engineers, Nagpur Local Centre | 21 Nov. 1999 | 21 Nov. 1999 |
| 02 | Effect of Kinematic errors on end effector position of a robot | State | Proceedings of Annual Technical Paper Meet 1999. | Institution of Engineers (I), Nagpur Local Centre | 21 Nov. 1999 | 21 Nov. 1999 |
| 03 | Testing on band heaters of injection | National | Sixteenth National Convention of moulding machine for improved thermal insulation | Mechanical Engineers | Roorkee, Roorkee | 2000 |
| 04 | Investigation of energy saving in injection moulding machine by per permacel thermal adhesive as improved thermal insulation on band heaters of plastic processing equipment | State | Proceedings of Annual Technical paper meet 2000 | Institution of Engineers, (I), Nagpur Local Centre | 9 Dec. 2000 | 9 Dec. 2000 |
| 05 | Methods of | National | Proceedings of | Crescent | 10 Jan. | 12 Jan. |

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| | prevent the formation of vortices at pump intake | | 12 th ISME conference | Engineering College, Vandalur, Madra | 2001 | 2001 |
| 06 | Calcium Silicate as a improved thermal insulation on the band heaters of injection moulding machine | National | Proceedings of IPROMM 2000 | Priyadarshini College of Engineering, Nagpur | 17 Jan. 2001 | 20 Jan. 2001 |
| 07 | Choosing and using suimulating system in manufacturing | National | Proceedings of IPROMM 2000 | Priyadarshini College of Engineering, Nagpur | 17 Jan. 2001 | 20 Jan. 2001 |
| 08 | An Optimisation of thickness of calcium silicate as thermal insulation | State | Proceedings of One Day State Level Technical Paper Conference on Future Trends in Engineering and Technology | Government Polytechnic, Amravati | 17 th March 2001 | 17 th March 2001 |
| 09 | A New Scavenging Process in two stroke S.I. Engine | State | Proceedings of one day state level technical Paper conference on future trends in engineering and technology | Government Polytehcnic, Amravati | 17 th March 2001 | 17 th March 2001 |
| 10 | Solar Grape Dryer using exposure flat plate type collector | State | Proceedings of one day state level technical paper conference on future trends in engineering and technology | Government Polytechnic, Amravati | 17 th March 2001 | 17 th March 2001 |
| 11. | Antilock Braking System | State | Proceedings of One Day state | Government Polytechnic, | 17 th March 2001 | 17 th March |

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|-----|---|---------------|---|---|--------------|--------------|
| | | | level technical paper conference on future trends in engineering and technology | Amravati | | 2001 |
| 12. | Key issues in wind power generation | National | Proceedings of National conference on Energy Conservation and Management 2001 | Rajarambapu Patil Institute of Technology, Sakhrale | 11 June 2001 | 13 June 2001 |
| 13. | An Optimisation of economic thickness of thermal insulation on band heaters | International | International conference on Energy and Quality of Life Policy directions for the new millennium | Technical backup support unit NPIC M.S. University Vadodara | | |

6. (f) :- WORK DONE IN THE AREA OF TECHNICAL EDUCATION:-

| Sr. No | Activity | Venue | Date/year |
|--------|--|--|---------------------------------|
| 1 | I/C Head of Department Mechanical Engineering | Govt. Poly. Khamgaon Govt. Poly Beed Govt. Poly Aurangabad | 1995-96 2011-2014 2017-18 |
| 2 | Regional admission Coordinator for admission of Diploma institutes. | Amravati region | 1197-1999 |
| 3 | Chief coordinator "One Day State Level Technical Paper Conference on Future Trends in Engineering and Technology " | Govt. Poly Amravati | 17 March 2001 |

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|----|---|--|-------------------------------------|
| 4 | Co coordinator short Term training programme on "AutoCAD 200" sponsored by AICTE New Delhi and ISTE New Delhi | Govt. Poly Amravati | 02/07/2001 to 13/07/2001 |
| 5 | Hostel Rector | Govt. Poly Amravati Govt. Poly Aurangabad | (2000-2002) (2002-2005) |
| 6 | Co coordinator "National conference on Emerging Trends in Engineering Education" | Govt. Poly Aurangabad | 2003 |
| 7 | Co coordinator for preparing laboratory Manual (Refrigeration and Air-conditioning) of MSBTE Mumbai | Project institute, Govt. Poly Aurangabad | 2004-2005 |
| 8 | Co coordinator for preparing Question bank(Metrology and Quality Control) of MSBTE Mumbai | Project institute , Govt. Poly Aurangabad | 2005-2006 |
| 9 | Co coordinator for training programme on "Maintenance of refrigerating equipment "for laboratory assistants sponsored by MSBTE Mumbai | Govt. Poly. Aurangabad | 2005 |
| 10 | Co coordinator ISTE sponsored training programme on " Solid Works" | Govt. Poly. Aurangabad | 2006 |
| 11 | Imparted training on Solid Works to engineers from L & T Mumbai | Govt. Poly. Aurangabad | 2007 |
| 12 | Imparted training on Solid Works to engineers from Man Diesel & Company Aurangabad | Govt. Poly. Aurangabad | 2007-08 |
| 13 | Controller of Examinations | Govt. Poly Aurangabad | 2007-2011 |
| 14 | MOU with Techmech Ltd Aurangabad | Govt. Poly Aurangabad | 2008 |
| 15 | Social Gathering In charge | Govt. Poly Aurangabad | 2008-2009 2009-2010 2010-2011 |

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| 16 | ARC Coordinator for Maharashtra State on behalf DTE Mumbai for online recruitment of contract basis lecturers | Govt. Poly Aurangabad | 2008-2009 2009-2010 2010-2011 |
| 17 | Chief Coordinator for recruitment examinations for different posts in PWD, Town planning, Social Welfare ,RTO and Zilla Parishad | Govt. Poly Aurangabad | 2008-2009 2009-2010 2010-2011 |
| 18 | Coordinator for Faculty Development Programme on "AutoCAD" sponsored by DTE Mumbai | Govt. Poly Aurangabad | 29/11/2010 to 10/12/2010 |
| 19 | ARC Coordinator for online admissions | Govt. Poly Aurangabad | 2010-2011 |
| 20 | Chairman Academic Monitoring Committee MSBTE | Govt. Poly Aurangabad | 2014 -15 2015-16 |
| 21 | Gymkhana Vice President at Govt. Poly Aurangabad | Govt. Poly Aurangabad | 2014 -2015 2015-2016 2016-2017 |
| 22 | Secretary G1 Zone IEDSSA | Aurangabad region | 2014 -2015 2015-2016 2016-2017 |
| 23 | Member State level committee for framing rules and regulations for examinations of MSBTE Mumbai | Maharashtra state | 2015 |
| 24 | Chief Coordinator for staff sports | Marathwada region | 2014 -2015 2015-2016 2016-2017 |
| 25 | Project Coordinator for MSBTE Model Answer Project for Mechanical Engg | Govt. Poly Aurangabad | 2014 -2015 2015-2016 2016-2017 |

6. (g) :- Internal Revenue Generation :-

| Sr. No | Event | Year | IRG collected Rs |
|--------|--|---------|------------------|
| 1 | Inspection of bicycles at zilla parishad | 1995 | 2000 |
| 2 | Rector services renting facilities | 2004-07 | 650000 |
| 3 | Inspection of blasting of boiler | 2008 | 50000 |
| 4 | MOU with TechMech Ltd Aurangabad | 2008 | 200000 |
| 5 | Imparted training on Solid Works to engineers from L & T Mumbai | 2008 | 50000 |
| 6 | Imparted training on Solid Works to engineers from Man Diesel & Company Aurangabad | 2008 | 50000 |
| 7 | Conduction of recruitment of PWD , RTO etc | 2009 | 300000 |
| 8 | Inspection of laundry equipment in Ghati hospital Aurangabad | 2012 | 50000 |

6. (h) :- WORKSHOP/ COMPETITION ARRANGED

| Sr. No | Event | Venue | Year |
|--------|---|-----------------------|--------------------------------------|
| 1 | Poster Presentation competition for mechanical engineering students | Govt. Poly Aurangabad | 2015-2016 |
| 2 | Quest Fest | Govt. Poly Aurangabad | 2016-17 |
| 3 | Robots | Govt. Poly Aurangabad | 2016 |
| 4 | Essay competition on ""Shivjayanti | Govt. Poly Aurangabad | 2014 -2015 2015-2016 2016-2017 |
| 5 | Extempore on "Dr. Babasaheb Ambedkar " | Govt. Poly Aurangabad | 2014 -2015 2015-2016 2016-2017 |
| 6 | Marathi Bhasha Din | Govt. Poly Aurangabad | 2015-2016 2016-2017 |
| 7 | Wachan Prerana Din | Govt. Poly Aurangabad | 2015-2016 2016-2017 |
| 8 | Vitrual campus interview for Mechanical Engineering Students | Govt. Poly Aurangabad | 2015-2016 |
| 9 | Learning licence camp for institute students | Govt. Poly Aurangabad | 2015 |

7. (a) :- PROJECT GUIDANCE

@ 10 B.E. students OF Mechanical Engg

7. (b) :- EXPERT TALK

- Personality development
- Entrepreneurship Development
- CAD
- Heat transfer

7. (c) :- WORK DONE AT ORGANIZATIONAL LEVEL

- Write off and Auction committee
- Purchase committee
- Academic coordinator
- Examination In charge
- LAC and RAC In charge
- Library In charge

7. (d) :- WORK DONE FOR SOCIETY

- Admission Counseling
- Clean city drive at Aurangabad
- organize Blood Donation Camps

7. (e) :- HONORS AND AWARDS

- National Merit Scholarship
- Judge for Techmech competition , M. I.T. Aurangabad
- Judge for "Pioneer" State level Project Competition for three years

Place : Nashik

Dated: 03/01/2019

SIGNATURE