**Resume**

**Full Name:** **Dr. Sanjay B. Chikalthankar**

**Date of Birth:** **1st March 1968**

**Residential Address:** **Plot No.23, Arunodaya coloney,**

**Beed bypass Road, Aurangabad.**



**Mobile: 9890432120**

**Email: sbchikalthankar@gmail.com**

**Qualification Details:**

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| --- | --- | --- | --- | --- | --- | --- | --- |
| **Sr.No.** | **Certificate/Degree** | **Specialization** | **Board/University** | **Passing** | **Percentage** | **Class/Grade** |  |
|  |  |  |  | **Year** | **Marks** |  |  |
|  |  |  |  |  |  | I |  |
|  |  |  |  |  |  | First in G.P. |  |
| 1 | Diploma Engg. | MECHANICAL | MSBTE | 1987 | 74.45 | Khamgaon (6th |  |
| in Maharasht |  |
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|  |  |  |  |  |  |  |  |
|  |  |  | MARATHWADA |  |  | DISTINCTION |  |
| 2 | B.E. | MECHANICAL | 1990 | 72.66 |  |  |
| University |  |  |
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| 3 | M. E. | MECHANICAL | Dr. BAMU | 1997 | 67.62 |  |  |
| DESIGN |  |  |
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|  |  |  |  |  | 24 September 2011 | |  |
| 4 | Ph.D | MECHANICAL | Dr. BAMU |  |  |  |  |
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**Services in**

**a) Government Technical Education Department**

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| **Institute** | | | | | | | **Department** | | | | | | **Designation** | | **From Date** | | | **To** | |  | |
| **Date** | |  | |
|  | | | | | | |  | | | | | |  | |  | | |  | |
| Government Polytechnic, Jalna | | | | | | | Mechanical Engineering | | | | | | Lecturer | | 04 Aug 2001 | | | 31 Oct | |  | |
| 2003 | |  | |
|  | | | | | | |  | | | | | |  | |  | | |  | |  | |
| Government College of Engineering, | | | | | | | | Mechanical Engineering | | | | | Assistant Professor | | 01 Nov 2003 | | | 26 Jun | |  | | |  |
| Aurangabad | | | | | |  | | 2007 | |  | | |  |
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|  | | **b) Professional Experience** | | | | | | | | |  | |  |  |  |  | |  | |  | | |  |
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|  | | **Sr.No.** | | | **Institute** | | |  | **Designation** | | **Salary** | | | **From Date** | **To Date** |  | |  |
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|  | | 1 | | | BHARAT FORGE, PUNE | | |  | TRAINEE | | 3100 | | | 25 Jun 1990 | 03 July | SUPERV | | | | | | |  |
|  | |  | ENGINEER | | 1991 | ISERY | | | | | | |  |
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|  | | 2 | | | GLEITELEGER INDIA LTD., | | | | Q.C. OFFICER | | 6800 | | | 04 July | 24 Aug | MANAG | | | | | | |  |
|  | |  | | | AURANGABAD | | |  |  | |  | |  | 1991 | 1993 | ERIAL | | | | | | |  |
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|  | |  | | | MIT, COLLEGE OF | | |  |  | |  | |  |  | 03 Aug | TEACHI | | | | | | |  |
|  | | 3 | | | ENGINEERING, | | |  | LMED | | 9000 | | | 25Aug 1993 |  |
|  | |  | 1997 | NG | | | | | | |  |
|  | |  | | | AURANGABAD | | |  |  | |  | |  |  |  |
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|  | |  | | | PES,COLLEGE OF | | |  |  | |  | |  | 04 Aug | 03 Aug | TEACHI | | | | | | |  |
|  | | 4 | | | ENGINEERING, | | |  | LMED | | 14000 | | |  |
|  | |  | 1997 | 2001 | NG | | | | | | |  |
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**A) Research Papers Published**

1. **Publication in International online Refereed Journals**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Sr. No** | **Title of paper** | **Journal** | **Publication** | **Month & year** | **Volume & Issues** | **ISSN** | **Impact factor/Online** |
| 1 | Failure Mode Effect Analysis of Rollers in Mill Stand | IJIRSET | International Journal of Innovative Research in Science, Engineering and Technology | January 2017 | Vol 6, Issue 1 | ISSN: 2319-8753 | Online |
| 2 | Cost Based Failure Modes and Effect Analysis | IJSRD | International Journal for Scientific Research & Development | April 2016 | Vol. 4, Issue 04 | ISSN: 2321-0613 | Online |
| 3 | Factors Affecting on Residual Stresses & Springback in Sheet Metal Bending: A Review | IJSRD | International Journal for Scientific Research & Development | October-2015 | Vol. 3, Issue 08 | ISSN: 2321-0613 | online |
| 4 | Effect of Silicon Carbide Content on Tribological Properties of  Aluminium Zinc Alloy Composite At Elevated Temperature | IJSEAS | International Journal of Scientific Engineering and Applied Science | July 2015 | Vol.1, Issue-4, | ISSN: 2395-3470 | Online |
| 5 | Failure Mode Effect Analysis of Cutting Operation  of Needle for Roller Bearing | IJSR | International Journal of Science and Research | April 2015 | Vol. 4, Issue 4 | ISSN : 2319-7064 | Online  ***(Index Copernicus Value: 6.14, Impact Factor 4.438)*** |
| 6 | Effect of Silicon Carbide Content on Tribological Properties of Aluminium Zinc Alloy Composite | IJERT | International Journal of Engineering Research & Technology | October-2014 | Vol. 3 Issue 10 | ISSN: 2278-0181 | Online |
| 7 | Investigation and Optimization of Tool Tip Temperature in Turning of OHNS | IJERT | International Journal of Engineering Research & Technology | October-2014 | Vol. 3 Issue 10 | ISSN: 2278-0181 | Online |
| 8 | Investigation And Optimization Of Various  Machining Parameters  Affecting The Effectiveness Of Turning: A Review | .IJERT | International Journal of Engineering Research & Technology | May - 2014 | Vol. 3 Issue 5 | ISSN: 2278-0181  IJERTV3IS051292 | Online |
| 9 | Factors Affecting on Spring-back in Sheet  Metal Bending: A Review | IJEAT | International Journal of Engineering and Advanced Technology | April - 2014 | Volume-3, Issue-4 | ISSN: 2249 – 8958, | Online |
| 10 | Comparative Study of Bearing Materials and Failure of Plain Bearings | IJERT | International Journal Of Engineering Research and technology | Feb - 2014 | Volume 3,  Issue 2 | ISSN 2278-0181 | Online |
| 11 | A Review & Literature of Frictional & Wear Characteristics of Non-Asbestos Brake Pad Using Link Chase Machine | IJMET | International Journal Of Mechanical Engineering Research and technology | Jan - 2014 | Volume 5,  Issue 1 | ISSN 0976-6359 | 5-7731  BY GISI |
| 12 | Influence of Machining Parameters on Electric Discharge Machining of WPS Tool Steels – an Experimental Investigation | IJMPERD | International Journal Of Mechanical and production Engineering Research and development | Dec - 2013 | Volume 3,  Issue 5 | ISSN(p) 2249-6890, ISSN(e) 2249-8001 | Online |
| 13 | Experimental Analysis and Study of Wear of Crankshaft Bushing Under Variable Condition | IJMPERD | International Journal Of Mechanical and production Engineering Research and development | Oct - 2013 | Volume 3,  Issue 4 | ISSN 2249-6890 | Online |
| 14 | Analysis of Orthotropic Plate by Refined Plate Theory | IJEAT | International Journal Of Engineering and advanced technology | Aug - 2013 | Volume 2,  Issue 6 | ISSN 2249-8958 | Online |
| 15 | Bending and Free Vibration Analysis of Isotropic Plate Using Refined Plate Theory | BIJIEMS | International Journal Of Industrial Engineering and management science | June - 2013 | Volume 3,  Issue 2 | ISSN 2277-5056 | Online |
| 16 | Experimental Investigations of EDM Parameters | IJERD | International Journal Of Engineering Research and development | June - 2013 | Volume 7 ,  Issue 5 | E-ISSN 2278-067X, p-ISSN 2278-800X | Online |
| 17 | Predicting Effect of Flow of Lubricant, Pressure, Shaft velocity and Surface Finish on Depth of Wear of Lining Thickness of Engine Bushing by Experimentation | IJERT | International Journal Of Engineering Research and technology | May - 2013 | Volume 2,  Issue 5 | ISSN 2278-0181 | Online |
| 18 | Finite Element Analysis Approach for Stress Analysis of Crankshaft under Dynamic Loading | IJSER | International journal of scientific & engineering research | Jan - 2013 | Volume 4,  Issue 2 | ISSN 2229-5518 | Online |
| 19 | Fatigue Numerical Analysis for Connecting Rod | IJERA | International Journal Of Engineering Research and Applications | Dec - 2012 | Volume 2,  Issue 6 | ISSN 2248-9622 | Online |
| 20 | Effect of variable load, speed and Acceleration of Crank Shaft on Depth of wear of Lining Thickness of  Bush Bearing | IJEAD | International Journal Of Engineering and advanced technology | Oct - 2012 | Volume 2,  Issue 1 | ISSN 2249-8958 | Online |
| 21 | Effect of Variable Load, Speed and Viscosity of Lubricating Oil on Depth of Wear of Lining Thickness of Crank Shaft Bush Bearing | IJERT | International Journal Of Engineering Research and technology | Oct - 2012 | Volume 1,  Issue 8 | ISSN 2278-0181 | Online |
| 22 | Improvement in yield strength of deformed steel bar by Quenching using Taguchi Method | IOSRJMCE | IOSR Journal Of Mechanical and civil Engineering | Oct - 2012 | Volume 2,  Issue 2 | ISSN 2278-1684 | Online |
| 23 | FEA Analysis of Geometric Parameters of Connecting Rod Big End | IJEST | International Journal of Indian Science and Technology | April 2012 | Volume -4  Issue- 4 | ISSN 0975- 5462 | Online |
| 24 | Structural vibration (Dynamic) Analysis of the Disc Brake of Maruti-800 using F.E.A | GJERT | Global Journal Of Engineering Research and technology | Feb -2012 | Volume 2,  No 2 | ISSN 2249-3107 | Online |
| 25 | Predicting effect of pressure, shaft velocity and surface finish depth of wear of lining thickness of engine bushing by experimentation | IJSAT | Indian Journal of Science and Technology | April - 2011 | Volume 4,  No 4 | ISSN 0974-6846 | Online |
| 26 | Predicting Effect of Varying Load , Velocity and Number of Cycles on Depth of Wear of Cu-Pb24Sn4 Metal Lined Bush by Endurance Test | IJMERD | International Journal Of Mechanical Engineering Research and Development | April - 2011 | Volume 1,  No 1 | ISSN 2248-9347 | Online |

* 1. **Publications in International Conferences and National Conferences**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **S. N.** | **Title of Paper** | **Conference** | | **Year** | | **Organizer** |
| 01 | “Recent Development in advanced | National Level | | 23-25 | | Department of Comp |
|  | Material Compacted graphite Iron” | Conference | | March 2002 | | Science Saurashtra |
|  |  |  | |  | | University Rajkot |
| 02 | “Electromagnetic suspension system | National Level | | 23-24 | | Department of |
|  | of Vehicle” | Conference | | January | | Electronics Engg, |
|  |  |  | | 2006 | | Govt college of Engg |
|  |  |  | |  | | Auragabad |
| 03 | “ Energy Dissipation in Sliding | “International | | September | | M I T College of |
|  | Contact Bearing at high | Technical | | 15-17, 2006 | | Engineering, |
|  | Temperature” | Symposium” | |  | | Aurangabad. |
|  |  | Techno millennium | |  | |  |
|  |  | 2006 | |  | |  |
| 04 | “Energy Dissipation in Rolling | “International | | September | | M I T College of |
|  | Contact Bearing” | Technical | | 15-17, 2006 | | Engineering, |
|  |  | Symposium” | |  | | Aurangabad. |
|  |  | Techno millennium | |  | |  |
|  |  | 2006 | |  | |  |
| 05 | “Concurrent Engineering” | International | | 18-20 | | Parshvanath College |
|  |  | Conference on | | January | | of Engineering, Thane |
|  |  | Advances in | | 2007 | | & University of |
|  |  | Manufacturing and | |  | | Mumbai. |
|  |  | Technology | |  | |  |
|  |  | Management | |  | |  |
| 06 | “Mechanical Behaviour of Optical | National | | 29th | | FR. C. RODRIGUES |
|  | Glass fiber Under Zero Stress Aging” | Conference on | | February | | INSTITUTE OF |
|  |  | Nascent | | and 1st | | TECHNOLOGY, |
|  |  | Technology in | | March 2008 | | Vashi, Navi Mumbai. |
|  |  | Engineering Field | |  | | 400 703 |
| 07 | “Residual stresses in Engine Bearing | National | 5th- 6th | | MIT College of | |
|  | and its Evaluation” | Conference on | March 2009 | | Engineering | |
|  |  | “Emerging Trends |  | | Aurangabad | |
|  |  | in Mechanical |  | |  | |
|  |  | Engineering” |  | |  | |
| 08 | Power Plant Using New Generation | National | 13 & 14 | | M.S. Ramaiah | |
|  | Gas Engine” | Conference on | November | | Institute of | |
|  |  | Mechanical | 2009 | | Technology ( | |
|  |  | Engineering” |  | | Autonomous | |
|  |  |  |  | | Institute(Affiliated to | |
|  |  |  |  | | VTU, Belgaum) Vidya | |
|  |  |  |  | | Soudha, MSR Nagar, | |
|  |  |  |  | | Bangalore -560 054 | |
| 09 | Advanced Electro Magnetic | “International | December | | Government College | |
|  | Suspension Systems of Vehicle | Conference on | 28-30, 2010 | | of Engineering, | |
|  |  | Energy |  | | Aurangabad. | |
|  |  | Optimization and |  | |  | |
|  |  | Control” (ICEOC- |  | |  | |
|  |  | 2010) |  | |  | |
| 10 | “Analysis of Influence of EDM | National | 14-16 | | K.K. WAGH | |
|  | Parameters on MRR and TWR of | Conference on | March , | | INSTITUTE OF | |
|  | Tungsten Carbide” | Mechanical | 2011 | | ENGINEERING | |
|  |  | Engineering |  | | EDUCATION AND | |
|  |  | (ECLAT Invasion- |  | | RESEARCH, | |
|  |  | 11) |  | | Panchawati- Nashik- | |
|  |  |  |  | | 422 003 | |
| 11 | “Analysis of Effect of Surface | National | 11-13 | | Marathwada Institute | |
|  | Quality MRR & EW of Tungsten | Conference on | March | | of Technology, | |
|  | Carbide in EDM” | Mechanical | 2011 | | Aurangabad. | |
|  |  | Engineering |  | |  | |
|  |  | (Mech- O- Ustav |  | |  | |
|  |  | 2011 |  | |  | |
|  |  |  |  | |  | |
| 12 | Trigonometric shear deformation theory for thick plate analysis | International Conference on Recent trends in engineering & technology. ICRTET | 2013 | |  | |
| 13 | Factors Affecting on Residual Stresses and Springback in Sheet Metal Bending | 3rd International Conference on Electrical, Electronics, Engineering Trends, Communication, Optimization and Sciences  EEECOS 2016 | 1st-2nd June 2016 | | SASI Institute of Technology & Engineering, Tadepalligudem, (A.P.), India. | |
|  |  |  |  | |  | |
| 14 | A Review on Optimization of Machining Parameters in Turning | 3rd International Conference on Electrical, Electronics, Engineering Trends, Communication, Optimization and Sciences  EEECOS 2016 | 1st-2nd June 2016 | | SASI Institute of Technology & Engineering, Tadepalligudem, (A.P.), India. | |
| 15 | Experimental Analysis of Process Parameters Affecting on Residual Stress in V-Bending Process for Deep Draw Steel IS 1079 Using XRD, FEA and Taguchi Technique | International Conference on Advanced and Agile Manufacturing and Agile Software Developmen, | 06-07 Oct.2016. SGGS | | Institute of Engineering and Technology, Nanded | |
| 16 | Failure Mode Effect Analysis of Cutting Operation of Needle for Roller Bearing | International Conference on Advanced and Agile Manufacturing and Agile Software Development | 06-07 Oct.2016. SGGS | | Institute of Engineering and Technology, Nanded | |
| 17 | Failure Mode Effect Analysis of Rollers in Mill Stand | International Conference on Recent Trends in Engineering and Science (ICRTES 2017) | 20th – 21st Jan. 2017 | | Government College of Engineering Jalgaon | |
| 18 | Pneumatics | Robotics & Automation Innovation Society (RAISe) | 5th & 6th August 2017 | | GECA, Aurangabad | |

**B) Professional Training Program and Workshops**

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| **S.N.** | **Title of Training** | **Institute/ Organization** | **Duration** | **Week/Days** | **Remark** |
| 01 | STTP on ***“Application of Finite Element Method in Manufacturing”*** | IIT Guwahati. | 6- 20 February 2004 | One Week | QIP |
| 02 | Workshop on ***“Reliability Engineering”*** | JNEC Aurangabad (M.S.) | 01 – 03 Oct. 2004 | Three Days | CMIA |
| 03 | STTP “***Mechatronics”*** | VNIT Nagpur 440 011 | 3rd to 14th January 2005 | Two Week | AICTE Sponsored |
| 04 | ***“Faculty Development Programme”*** ***Managerial Skills”*** Under TEQIP | Government College of Engineering, Aurangabad- (M.S.)  Under TEQIP | 20 to 21st Aug 2005 | Two days | TEQIP |
| 05 | Two Week STTP on “***Mechatronics”*** | MSBTE & Govt. Polytechnic. Pune | 21st Nov. to 2nd Dec. 2005 | Two Week | DTE Approved |
| 06 | ***Faculty Development Programme under DTE-TEQIP (SPFU)*** | Sinhgad Inst. Of Technology Pune under DTE-TEQIP (SPFU) | 20-22 January 2006 | Three Days | DTE-TEQIP(SPFU) |
| 07 | Two Week STTP on “***Engineering Application of Finite Element Analysis Using Ansys”*** | JNTU College of Engineering, Anantapur – 515002 (A.P.) | 27 Feb to 11 March 2006 | Two Week | AICTE Sponsored |
| 08 | One Day Training on “***Methods for Increasing Teaching Effectiveness”*** | Under TEQIP Rowan University US in association with SPFU at COEP | 17 March 2006 | One Day | TEQIP |
| 09 | Staff Development Programme ***Under TEQIP “CYBER LAW”*** | VNIT Nagpur 440 011 | 14 To 16 May 2006 | Three Days | TEQIP |
| 10 | International Conference on “***Advances in Manufacturing and Technology Management”*** | Parshvanath College of Engineering, Thane | 18-20 January 2007 | Three days | University of Mumbai |
| 11 | One Week STTP on “***Bearing Technology and Maintenance”*** | IIT, ROORKEE, Continuing Education Centre | December 3rd to 6th , 2008 | One Week | IITR, Continuing Edu. Centre |
| 12 | Staff Development Program on ***“Failure Diagnosis and Prevention”*** | Department of Metallurgical and Material Science, VNIT Nagpur | 30th November to 11th December 2009 | Two Week | MHRD/  AICTE Sponsored |
| 13 | Seminar On ***”Tool Steel”*** | Indo German Tool Room, Aurangabad (M.S.) | 23rd March 2010 | One Day | MSME |
| 14 | ISTE self sponsored STTP on ***“Engineering Optimization”,*** - ‘***EO-2010’*** | Government College of Engineering, Aurangabad- (M.S.) 431005 | 28th June to 9th July 2010 | Two Week | ISTE |
| 15 | ISTE self sponsored STTP on ***“Generic Algorithm and Neuro Fuzzy Application in Engineering”,*** ***‘GANEUFAE-2010’*** | Government College of Engineering, Aurangabad- (M.S.) 431005 | 29th November to 10th December 2010 | Two Week | ISTE |
| 15 | International Conference ***on Energy Optimization & Control (ICEOC-2010)*** | Government College of Engineering, Aurangabad- (M.S.) 431005 | December 28-30, 2010 | Three Days | TEQIP |
| 16 | ISTE self sponsored STTP on ***“Pedagogy”*** Under TEQIP | Government College of Engineering, Aurangabad- (M.S.) 431005 | 16th to 21st May 2011 | One Week | DTE |
| 17 | Short Term Course on ***“Advanced Engine Combustion and Diagnostics”*** | IIT KANPUR | 23 to 28 June 2011 | One Week | QIP- IITK |
| 18 | **ISTE** STTP on ***“Skill Matrix Enhancement and Effective Teaching Learning for Quality Technical Education” (SMEETL-2011)*** | Government College of Engineering, Aurangabad- (M.S.) 431005 | 28th November to 9th December 2011 | Two Week | ISTE |
| 19 | **ISTE** self sponsored **STTP** on ***“Engineering Optimization Techniques and its Applications in Research” (EOTAR- 2012)*** | Government College of Engineering, Aurangabad- 431005 | 02nd to 12th January 2012 | Two Week | ISTE |
| 20 | Training on ***“ReliaSoft’s Reliability Engineering Education”*** | Rlia soft India Chennai in association with G.P. Aurangabad- (M.S.) 431005 | 5th -9th , March 2012 | One Week | - |
| 21 | One Week QIP Course on ***“Manufacturing Excellence Through Quality Assurance”*** | **IIT, ROORKEE,** (UTTARAKHANDA) Quality improvement Programme Centre | 9th to 13th July 2012 | One Week | QIP- IITR |
| 22 | One Week Faculty Development Programme under TEQIP on “***AUTOMOTIVE EMMISSION AND CONTROL TECHNOLOGY’ (AECT-2012)*** | SINGHAD COLLEGE OF ENGINEERING, Pune,  ***Under TEQIP- II)*** | 8th to 12th October 2012 | One Week | TEQIP |
| 23 | One Week STTP **Under TEQIP Phase- II** on “***Genetic Algorithm and Neuro Fuzzy Applications in Engineering”*** | Government College of Engineering, Aurangabad- (M.S.) 431005 | 17th to 21st December 2012 | One Week | TEQIP |
| 24 | ***AICTE*** STTP on “***Product Design and Development”*** | **Centre for Continuing Education** ***IIT Madras*** | 21-26 January 2013 | One Week | AICTE Sponsored |
| 25 | MHRD’s National Mission for ***“Teachers Management Capacity Enhancement Programme”*** | THE INDIAN INSTITUTE OF MANAGEMNT INDORE (M.P.) | April 29 to May 08, 2013 | Two Week | MHRD |
| 26 | **Under TEQIP Phase- II** STTP on ***“Network Security”*** | Government College of Engineering, Aurangabad- (M.S.) 431005 | 7th to 11th October 2013 | One Week | TEQIP- EP |
| 27 | Participation as in “28th ***INDIAIN ENGINEERING CONGRESS*** “ | The INSTITUTION OF ENGINEERS (Tamilnadu State) | 20th -22nd Dec 2013 | Three Days | IE (India) |
| 28 | Workshop on ***“Outcome Based Accreditation”*** | GCE, Aurangabad in association with  National Board of Accreditation New Delhi | 7th June (phase-I)  14th to 16th June 2014 (Phase- II) | Three Days | GCEA and NBA |
| 29 | Workshop on ***“NBA Preparation”*** | GCE, Aurangabad in Association with Engineering Staff College of India | 20th to 21st Dec 2014 | Two Days | GECA |
| 30 | Three Days Proficiency Improvement Programme on ***“Automotive Engineering and Homologation”*** | ARAI and Marathwada Auto Cluster, Aurangabad | 27th to 29th April 2015 | Three Days | ARAI |
| 31 | AICTE Summer School on “***Computer aided Product Design***” | SSN College of Engineering, Chennai (T.N.) | 15th to 27th June 2015 | Two Week | AICTE |
| 32 | Workshop on under TEQIP- II ***“Computer Aided Product Design and Development (CAPDD-2015)”*** | Government College of Engineering, Aurangabad- (M.S.) 431005 | 13th to 15th Oct. 2015 | Three Days | TEQIP-II |
| 33 | STTP under TEQIP- II on ***“Pedagogy to Synergogy”*** | Government College of Engineering, Aurangabad- (M.S.) 431005 | 7th Dec. to 11th Dec 2015 | One Week | TEQIP-II |
| 34 | Short Term Training Programme on ***“Computations and Optimizations in Engineering”*** | NITTR Kolkata 700 106 | 28th Dec 2015 to 08th Jan 2016 | Two Week | MHRD |
| 35 | Short Term Training Programme on ***“Auto CAD”*** | NITTR Kolkata 700 106 | 6th June 2016 to 17th June 2016 | Two Week | MHRD |
| 36 | Short Term Training Programme on ***“STP: Refresher training programme for officers of higher & technical education department.”*** | Yashvantrao Chavan Academy of Development Administration. | 17th oct. to 21 oct 2016 | One Week | YASHADA |
| 35 | Short Term Training Programme on ***“Computations and Optimizations with MATLAB*** | NITTR Kolkata 700 106 | 26th Dec 2016 to 06th Jan 2017 | Two Week | MHRD |
| 37 | One Week STTP on “***Enhancement of Quality of Technical Education through Industry Institute Interaction”*** | GECA, Aurangabad | 30 Jan – 3 Feb, 2017 | One Week | TEQIP |
| 38 | *Workshop on* ***“Fuels and Combustion”*** | GECA, Aurangabad | 20-24 Feb. 2017 | 5 days | IIT Bombay |
| 39 | *Workshop on* ***“Analysis of research problems through Design of Experiments.”*** | GECA, Aurangabad | 17 -19 march 2017 | 3 days | IIT Bombay. |
| 40 | *Workshop on* ***“3D Printing : A Disruptive Technology of This Era”*** | GECA, Aurangabad | 20-22 March. 2017 | 3 days | IIT Bombay |
| 42 | Faculty Development Programme on **“Foundation program in ICT for education.(FDP101x)”** | IIT MUMBAI  (Pandit Madan Mohan National Mission ) | 3rd Aug. – 7th Sept. 2017 | Four Week | IIT MUMBAI |
| 43 | Faculty Development Programme on “**Foundation program in ICT for education.(FDP201x)”** | IIT MUMBAI (Pandit Madan Mohan National Mission ) | 14th Sept. – 12th Oct. 2017 | Four Week | IIT MUMBAI |

**C) Projects Supervised at P.G. level :**

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| --- | --- | --- | --- | --- | --- |
| **S.N** | **Title of Project** | **Name of** | **Associate** | **Year** |  |
|  |  | **Candidate** | **Industry** |  |  |
| 01 | ***Failure Analysis of Connecting Rods of*** | Nehte D.V. | Dr. S.B. | July |  |
|  | ***Heavy Duty Engines*** |  | Chikalthankar | 2005 |  |
|  |  |  |  |  |  |
| 02 | ***Analysis of Jump Phenomena of Cam.*** | Kulkarni S. A. | Dr. S.B. | May |  |
|  |  | Chikalthankar | 2006 |  |
|  |  |  |  |
| 03 | ***Mechanical Behavior Of Zero Stress Aged*** | Mrs. Surbhi | Dr. S.B. | Dec |  |
|  | ***Optical Glass Fiber Under Tensile Test*** | Bhan | Chikalthankar | 2006 |  |
|  |  |  |  |  |  |
| 04 | ***Analysis of various performance parameter of*** | Pawar R. S. | Dr. S.B. | July 2007 |  |
|  | ***electrical discharge Machining”*** |  | Chikalthankar |  |  |
| 05 | ***Investigating the effect of deep cryogenic*** | Lomte S. V. | Dr. S.B. | Dec 2007 |  |
|  | ***treatment on residual stresses in D2 steel*** |  | Chikalthankar |  |  |
|  | ***using X- Ray detraction Method*** |  |  |  |  |
|  |  |  |  |  |  |
| 06 | ***Effect Of Surface Finish On Wear Of Lining*** | Bondarwad | Dr. S.B. | Dec 2010 |  |
|  | ***Thickness Of Piaggio Gl400 Rickshaw*** | S.S. | Chikalthankar |  |  |
|  | ***Crankshaft Bush*** |  |  |  |  |
| 07 | ***Effect Of Load ,Velocity And Number Of*** | Phalak M.K. | Dr. S.B. | Aug 2011 |  |
|  | ***Cycles On Wear Of Crankshaft Journal*** |  | Chikalthankar |  |  |
|  | ***Bearing*** |  |  |  |  |
| 08 | ***Effect Of Temperature On wear Of Lining*** | J.M. Dighe | Dr. S.B. | Oct 2011 |  |
|  | ***Thickness Of Piaggio GL400 Crankshaft*** |  | Chikalthankar |  |  |
|  | ***Bush*** |  |  |  |  |
| 09 | ***An Experimental Investigation Influence of*** | maniyar | Dr. S.B. | May |  |
|  | ***Machining Parameters on MRR Of Electric*** |  | Chikalthankar | 2012 |  |
|  | ***Discharge Machining of WPS Tool Steels*** |  |  |  |  |
| 10 | ***Improvement In Yield Stength Of Deformed*** | Lakal M.S. | Dr. S.B. | July 2012 |  |
|  | ***Steel Bar By Quenching Using Taguchi*** |  | Chikalthankar |  |  |
|  | ***Method*** |  |  |  |  |
| 11 | ***Optimization Of Crankshaft Bearing Of*** | Nikam R.P. | Dr. S.B. | Dec 2012 |  |
|  | ***Piaggio GL400 Engine*** |  | Chikalthankar |  |  |
| 12 | ***Vibration Analysis Of Disc Brake Of Maruti*** | Gawande R.J. | Dr. S.B. | Feb 2013 |  |
|  | ***800 Using F.E.A.*** |  | Chikalthankar |  |  |
| 13 | ***Effect Of Variable Load ,Speed And Oil*** | Mundhe | Dr. S.B. | Jun 2013 |  |
|  | ***Viscosity Of Crank Shaft On Depth Of Wear*** |  | Chikalthankar |  |  |
|  | ***Of Lining Thickness Of Bush Bearing*** |  |  |  |  |
| 14 | ***Effect Of Variable Load ,Speed And*** | V.G.kokre | Dr. S.B. | June |  |
|  | ***Acceleration Of Crank Shaft On Depth Of*** |  | Chikalthankar | 2013 |  |
|  | ***Wear Of Lining Thickness Of Bush Bearing*** |  |  |  |  |
| 15 | ***Influence of Machining Parameters on*** | Seema Borde | Dr. S.B. | Aug 2013 |  |
|  | ***Electric Discharge Machining of WPS Tool*** |  | Chikalthankar |  |  |
|  |  |  |  |  |  |

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|  | ***Steels – an Experimental Investigation*** |  |  |  |
| 16 | ***Predicting Effect of Flow of Lubricant, Pressure, Shaft Velocity and Surface Finish on Depth of Wear of Lining Thickness of Engine Bushing by Experimentation*** | Shrinivas Chinchkhedkar | Dr. S.B. | Aug 2015 |
|  |  |  | Chikalthankar |  |
|  |  |  |  |  |
| 17 | ***Experimental Investigation of Plain Journal Bearing Wear and its Failure*** | Pankaj jawle | Dr. S.B. |  |
|  |  |  | Chikalthankar | Aug 2015 |
|  |  |  |  |  |
| 18 | ***Analysis Approach for Stress Analysis of*** | Kaundal | Dr. S.B. |  |
|  | ***Crankshaft under Dynamic Loading*** | Sundra Kumar | Chikalthankar | 2015 |
|  |  |  |  |  |
| 19 | ***Effect of Various Geometric Parameters on Life of Connecting Rod*** | Surendra | Dr. S.B. |  |
|  |  | Baratam | Chikalthankar | Sept 2015 |
|  |  |  |  |  |
| 20 | ***Investigation And Optimization Of Various*** | Prerna Mane | Dr. S.B. | 2018 |
|  | ***Cutting Parameters Affecting The Effective*** |  | Chikalthankar |  |
|  | ***ness Of Turning Parameter Of Die Tool*** |  |  |  |
|  | ***Material*** |  |  |  |
| 21 | ***Effect Of Various Parameter On Residual*** | Sahane | Dr. S.B. Chikalthankar | In Progress |
|  | ***Stress In Rolling Of Steel*** |  |  |  |
| 22 | ***Effect Of Various Parameter On Wear*** | Veer | Dr. S.B. Chikalthankar | In Progress |
|  | ***Characteristic On Composite Material*** |  |  |  |
| 23 | ***Fatigue analysis of crankshaft using*** | Khadse | Dr. S.B. Chikalthankar | **In Progress** |
|  | ***experimental method and FEA*** |  |  |  |
| 24 | ***The Study of Frictional and Wear Characteristics of Two Types*** | Sandip Thengade | Dr. S.B. | 2015 |
|  | ***of Non-Asbestos Brake Pad Using Link*** |  | Chikalthankar |  |
|  | ***Chase Frictional Material Testing Machine*** |  |  |  |
| 25 | ***Investigation And Optimization Of Various*** | Kakde | Dr. S.B. | **2017** |
|  | ***Cutting Parameters Affecting The Effective*** |  | Chikalthankar |
|  | ***ness Of Turning Parameter Of OHNS Tool*** |  |  |
|  | ***Steel*** |  |  |
| 26 | ***Effect Of Silicon Carbide Content On*** | Sonawane | Dr. S.B. |  |
|  | ***Tribological Properties Of Aluminium Zinc*** | Durgesh | Chikalthankar | **2017** |
|  | ***Alloy Composite*** |  |  |  |
| 27 | ***Experimental Analysis of Process Parameters Affecting on Springback in V-Bending Process for Deep Draw Steel Using FEA and Taguchi Technique*** | Gopal Belurkar | Dr. S.B. | Sept 2015 |
|  |  |  | Chikalthankar |  |
| 28 | ***Process Failure Mode Effect Analysis of Cutting Operation of Needle for Roller Bearing*** | Gajanan Sawadadkar | Dr. S.B. Chikalthankar | Aug 2015 |
| 29 | ***Effect of Silicon Carbide Content on Tribological Properties of Aluminium Zinc Alloy Composite at Elevated Temperature*** | Dhananjay Narmala | Dr. S.B. Chikalthankar | 2015 |
| 30 | ***Experimental Analysis of Process Parameters Affecting on Residual Stress in V-Bending Process for Deep Draw Steel Using XRD, FEA and Taguchi Technique.*** | Naikwade Sakib | Dr. S.B. Chikalthankar | 2015 |
| 31 | ***Cost Based Process Failure Modes and Effect Analysis*** | Govind Dhage | Dr. S.B. Chikalthankar | July 2017 |
| 32 | ***Failure mode effect analysis of roller in Mill Stand*** | Avinash Pawar | Dr. S.B. Chikalthankar | Jan 2018 |
| 33 | ***Annealing, skin pass rolling and slitting processes FMEA for cold rolled steel strip coils*** | Yogesh Tambatkar | Dr. S.B. Chikalthankar | Jan 2018 |

1. **Organizer and Convener of Conferences and Training Programs** 
   1. **Organizer and Convener** of **“*National Level Technical Symposium”* “MECH FEST 05”** at Government College of Engineering, Aurangabad, April 2-5, 2007
   2. **Organizer and Co-ordinator** of **“*National Level Technical Symposium”*** “**MECH FEST 07”** at Government College of Engineering, Aurangabad, April 2-3, 2005.
   3. **Organizer** of **“*Electrical Motor Rewinding*” ‘Three Week’** Training program for

unemployed students as Services to Community and Economy under TEQIP from 26th March to 14th April 2010 at Government College of Engineering, Aurangabad.

* 1. **Organizer** of ***“Personality Development Programme”*** for Third Year and Final YearEngineering Students, 25 Nov 2010 to 30 Nov. 2010
  2. **Organizer and Co-Ordinator** of ISTE self sponsor **Short Term Training Program** on

***“Engineering Optimization Techniques and its Applications in Research*”,**January 02-12, 2012.

* 1. **Organized three days** “**Workshop**” on, ***“Computer Aided Product Design and Development(CAPDD-2015)***” at Government College of Engineering Aurangabad, From 13 to15th Oct 2015, *to Promote Industry Institute Interaction and Research Activity, (***In Association with MAN DIESEL, Aurangabad, VERROC Research Centre PUNE, Greaves Research Centre, Aurangabad, CIPET Aurangabad, IGTR Aurangabad***)*
  2. **Organized three days** “**Workshop**” on, ***“Analysis of research problems through Design of Experiment”*** at Government College of Engineering Aurangabad, From 17 to 19th March 2017, *to Promote Industry Institute Interaction and Research Activity, (***In Association with IIT Mumbai.)**

1. ***Organizer of STTP/Conference/ Entrepreneurship Development Camp/ Workshop in***

**“Association with Industry, Industrial Research Centers, IIT, Central Institute and MSME”** for students and Faculties

1. Organizer of ***“Mech Fest 05 – Conference”*** and Multy-Event activity for Engineering students (2 to 3 April 2005) ***In association with Rucha Industry and Grind Master, Aurangabad.***
2. Organizer of ***“Mech Fest 07 – Conference”*** and Multy-Event activity for Engineering students (4 to 5 April 2007) in ***Association with Endurance Industry and Aurangabad Electricals.***
3. Organized *Three week Training Program* for ***Economically Backward Class Students of Society*** on ***“Electrical Motor Rewinding”*** for Submersible Pumps maintenance ***under TEQIP*** Services to Community
4. Organizer of Two Week  ***interdisciplinary STTP*** on ***“Engineering Optimization Techniques and its Application(EATOR-2012)”*** (from 02 Jan to 12 Jan 2012) *to Promote Research activity of faculties**(****In association with COEP, SGGS Nanded, GCE, Karad, GCE Chandrapur)***
5. Organized a **“illuminate-*Entrepreneurship Workshop”***  for students in Association with ***ECell- IIT Bombay***  for all Institute all Courses Students (22 Octo 2013)
6. Organized **“Entrepreneurship Awareness Camp”** in Association with ***Central Institute of Plastic Technology, Aurangabad and MSME, Aurangabad***
7. Organized a **“illuminate-*Entrepreneurship Workshop”***  for students in Association with ***ECell- IIT Bombay***  for all Institute & all Courses Students (28 Octo 2014)
8. Organized three days “**Workshop**” on, ***“Computer Aided Product Design and Development(CAPDD-2015)***” *to Promote Industry Institute Interaction and Research Activity, (***In Association with MAN DIESEL, Aurangabad, VERROC Research Centre PUNE, Greaves Research Centre, Aurangabad, CIPET Aurangabad, IGTR Aurangabad***)*

1. ***Contribution at University/DTE Educational and Administrative Committee***
2. Worked as “***Vigilance Squad Member***” of Dr. B.A.M. University for Engineering Exam of May/June Exam for region Aurangabad, Jalna, Paithan (EX/Co-Ord/Squad/ 2005 Dated 13/05/2005)
3. Worked as “***Chairman” of Board of Studies***” in “Mechanical Engineering of Dr. B.A.M. University for Engineering and Technology (BAMU/UNISEC/ELN/BOS/2006/36386-533)
4. Worked as “**Design Expert of R&D Committee**” of “**Govt. of India Ministry of Science** **and Technology”** for Research Centre of **NRB Bearing Jalna** (TU/IV-1-9280/2006)
5. Worked as ***‘Chairman” of University Affiliation Committee***” of Dr. B.A.M. University for N. H. College of Engineering Parali Vaijinath, ( Edu/AFFI/M.S./2007-8/3504-07, Dated 21/03/2007)
6. Worked as “***Chairman”, Vigilance Squad***” of Dr. B.A.M. University for Engineering, Law & Management Exam May/June - 2007 for region of Aurangabad, Jalna &Paithan (EX/Co-Ord/Squad/Law/Engg & Man/ 2007 Dated 27/04/2007)
7. Worked as “***BOS Member***” for SE. Mechanical Syllabus Committee of Dr. B.A.M. University
8. Worked as **“Member of Institute Inspection Committee”** of **DTE** for Khurana Sawant Institute of Engg. And Technology, Hingoli (ROT/ EDU/2008/5542, dated 03/12/2008)
9. Worked as **“Member of Inspection and Scrutiny Committee”** of **DTE** for Deogiri Inst. Of Engineering and Management Studies, Aurangabad (ROT/ EDU/New Institute/ Inspection/09/561, dated 05/02/2009)
10. Worked as **“Member of Inspection Committee”** for tenders at **DTE** for PC Based Fatigue testing Machine (11/DTE/Demo/T-84/09-10/1369, dated 17/02/2010)
11. Worked as “***Member of University Research Centre Committee***” of Dr. B.A.M. University for Mechanical Engineering Research Centre of Maharashtra Insst. Of Technology Aurangabad (Edu/AFFI/PGT./2011-12/35760-63, Dated 17/02./2012)
12. Worked as ***“Member of University Research Centre Committee”*** of Dr. B.A.M. University for Electronics & Telecommunication Engg, Mechanical Engineering & Comp. Science Engineering Research Centre of Marathwada Instt. Of Technology Aurangabad (Edu/AFFI/ABL./2012-13/21629-32, Dated 04/08/2012)
13. Worked as **“DTE Nominee”** for Interviews at High Tech Institute of Technology (ROA/Estt/-2/2012/7563, Dated 07/12/2012)
14. Worked as “Subject Expert Committee Member” for preparation of Specification of CNC at DTE (DTE/Meeting/ 2013/1149, Dated 07/08/2013)
15. Worked as ***“Chairman, of University Affiliation Committee”*** of Dr. B.A.M. University for Mechanical Engineering & Food Technology Centre of Marathwada Instt. Of Technology Aurangabad ( Edu/AFFI/ABL./2013-14/37166-69, Dated 10/10/2013)
16. Worked as ***“Member” of University Affiliation Committee”*** of Dr. B.A.M. University for first affiliation of C.S.M.S. College of Engineering, Aurangabad ( Edu/AFFI/M.S./2012-13/8298-302, Dated 22/05/2013)
17. Worked as ***“Observer of AICTE CMAT”*** exam for AICTE from year 2013, 2014, 2015 (CMAT-FEB, 2013)
18. Worked as ***“Controller of Examination of MSCIT of MSBTE*** (In year 2002, 2003)
19. ***Expert Lectures/Talks at various Institutes***
20. Expert Lecture talk on “ Rolling Contact Bearing Design and Advancement” at Hi- Tech institute of Technology, Aurangabad (HIT/2012/479, Dated 21/09/2012)
21. Expert Lecture on “DOE Techniques use for Industrial Research” at ISTE Sponsored STTP Engineering Optimization Techniques and Its Applications in Research at GEC, Aurangabad (EOTOR-10/01/ 2012)
22. Expert Lecture on “ Rolling Contact Bearing Design and Mounting” at Hi- Tech institute of Technology, Aurangabad (HIT/2013/819, Dated 20/03/2013)
23. Expert Lecture on “ Sliding Contact Bearing Design and it Application in Practice” at Deogiri Institute of Engineering and Management Studies, Aurangabad (DIEMS/1013-2014/5018, Dated 26/08/2014)
24. Expert Lecture talk on “SAE India Events and Its Application in Automobile Design” at Shreeyash College of Engineering and Technology, Aurangabad. (SYCET/ADMIN/2015/534)
25. Expert Lecture on “Product design for Environment” at TEQIP Workshop on “Computer Aided Product Design and Development (CAPDD-15)” at GCE, Aurangabad (GECA/CAPDD/EXPL/14, Dated 6/10/2015)
26. Expert Lecture on “ Design of Experiments, by Using Taguchi Method” at MIT College of Engineering, Aurangabad
27. ***Industry Institute Interaction/Collaboration with Industrial Project/ Participation in Industrial Project***
28. Collaboration with “Central Institute of Plastics Engineering and Technology, Chikalthana for “Organizing Entrepreneurship Awareness Camp” free camp for student under Govt of India, Manpower Development Project
29. Collaboration for Project for product development on “Spring Back Effect of Sheet Metal” in collaboration with “Sidharth Pressing (I) P. Ltd. Waluj, Aurangabad.
30. Project With “Rak Constro” Pune for renovation and assembly of ATV Vehicle of SAE BAJA
31. Collaboration for Project for product development on “Failure Mode effect analysis of Needle of Bearings” with NRB, Bearing, Jalna MIDC, Jalna.
32. Participated in “Quality Circle Forum of India” Aurangabad Chapter, Convention on Quality Circle- 27/08/2014 as “***Judge of Convention”*** for Why- Why Analysis of Industries
33. Participated in “Quality Circle Forum of India” Aurangabad Chapter, Convention on Quality Circle- 25/04/215 as “***Judge of Convention”*** for Why- Why Analysis of Industries
34. ***Subject Expert of University/ DTE/ Institute for “Interviews of Teaching Faculty”***
35. Worked as “***Subject expert of Mechanical Engineering Faculty Interview***” at “Aditya Bahu –Uddeshiya Sanstha, Beed, Appointed by ***B.A.M. University*** ( ABS/2006/257-11, Dated 24/04/2006)
36. Worked as “***Subject expert of Mechanical Engineering Faculty Interview Committee***” at “P. E. S. College of Engineering, Aurangabad – for Polytechnic Faculty ( PESCOE/office/2008-9/792, dated 20/12/2008)
37. Worked as “***Subject expert of Mechanical Engineering Faculty Interview Committee***” at “Deogiri Institute of Engineering and Management Studies, Aurangabad – for Engineering Faculty ( DIETMSA/2010/2011/26, Dated 19/06/2010)
38. Worked as “***Subject expert of Mechanical Engineering Faculty Interview Committee***” at “Anuradha Engineering College, Chikhali, Dist Buldana – Nominated by Amrawati University ( ACE/ 2510 Dated 15/05/2012)
39. Worked as “***Subject expert of Mechanical Engineering Faculty Interview Committee***” at Jawaharlal Nehru Engineering College, Aurangabad – Nominated by Management of JNEC ( JNEC/ Walk in Interview/2012 Dated 6/06/2012)
40. Worked as “***Subject expert by University Selection Committee for Faculty Interview***” at Jawaharlal Nehru Engineering College, Aurangabad – Nominated by Dr. B.A.M. University (JNEC/UGC/2012/33019, Dated 22 Dec 2012)
41. Worked as “***Subject expert Committee for Faculty Interview***” at SGGS Institute of Engineering and Technology, Nanded – Nominated by Director SSSSIET Nanded, (SGGSIE&T/EST/2013/4., Dated 04/01/2013)
42. Worked as “***Subject expert Committee for Faculty Walk in Interview***” at SGGS Institute of Engineering and Technology, Nanded – Nominated by Director SSSSIET Nanded, (SGGSIE&T/EST/2013/2665., Dated 24/06/2013)
43. ***Contribution in Engineering Course Development and Syllabus Reviewing***
44. Worked as Subject Expert for “Theory of Machine” and Machine Design” Subject of Diploma in Engineering
45. Question Bank Development ( MSBTE Mumbai office order : MSBTE Mumbai/ D50/ QB/2004/7444 Dated18/4/2002)
46. Worked Syllabus Revision Committee Member of Dr. B.A.M. University for Engineering and Technology (UG/May 2000/8973, Dated 23/5/2000)
47. Worked as a ‘Chairman’ of Syllabus Development Committee” of Dr. B.A.M. University for Engineering and Technology ( UG/July 2006/3839-612, Dated 28/07/2006
48. Work for Question Bank Development for Craft Instructor for “Directorate of ITI (11/ESST-3/ 2013/004., Dated 24/11/2014
49. ***Contribution as Chairman of Conference/Chairman of Technical Paper presentation/Judge for Project Competitions/ Mini project***

1. Worked as “Jury Member” State Level Technical Paper Presentation Competition “Techno Arena- 2006 at Government College of Engineering, Jalgaon, on 25th Feb 2006 (GCOEJ/Technoarena/2006/ 389, dated 17/02/2006)

2. Worked as “Judge” State Level Technical Project Competition “Project RAZZMATAZZ” at JNEC, Aurangabad, on 02 March 2006, (JNEC/ RAZZMATAZZ /Office Corr/ 2564, dated 02 March 2006)

3. Worked as “Technical Judge” National Level Multi- Event Completion Technical Paper Presentation “TECHTRIX – 2K6” at P.E. S. College of Engineering, Aurangabad (PESCOE/ TECTRIX – 2K6 , Dated 23/03/2006)

4. Worked as “Chairman” Technical Paper Presentation “MECH–TRICKS-2K11” at P.E. S. College of Engineering, Aurangabad (PESCOE/official/521, Dated: 02/11/2011)

5. Worked as “Judge” Technical Festival “Genious 2013” at Anuradha Engineering College, Chikhali, Buldhana. (AEC/ADM/Genious 2013 / 2025, Dated: 27/02/2013)

6. Worked as “Chairman” Technical Session “International Conference on Current Trends and Challenges in Management Engineering, Computer Application and Technology (ICCTCMECAT-2012)” at Deogiri College, Aurangabad

1. ***Contribution as External Examiner in Examination of other Universities/Institutes at P.G. Level***
2. Worked as “External examiner for M.tech Mechanical CAD/CAM”, at S.G.G.S. institute of Engineering & Technology Nanded. (SGGS/MTech Exam/Prod/1425, Dated: 29/06/2006)
3. Worked as “External examiner for Viva-voce on the dissertation/project report of M.E. (Mechanical Engg)”, at Bharti Vidyapeeth University, Pune. (BVU/Exam/4431/2006-07, Dated: 21/02/2007)
4. *Worked as “Paper setter/examiner of Design & Synthesis of M.E. (Mech.) Machine Design Nov/Dec-2008”, at North Maharashtra University, Jalgaon.* (NMU/7F/TU/By hand/2008)
5. *Worked as “External Examiner for examining M.E. Dissertation” at University of Pune.* (XCE/790, Dated: 05/09/2013)
6. ***Contribution as an In-charge at various Institute Level Activities***
7. *Worked as “Member of Internal Vigilance Squad” at Government College of Engineering, Aurangabad.* (GECA/CoE/2015-16/1348/ Dated: 07/11/2015)
8. *Worked as “Subject Expert Committee for Faculty Interview” at Government College of Engineering, Aurangabad.(GECA/Estt-1/2015/2497 Dated 22/07/2015)*
9. *Worked as “Member of Extension of Approval Committee appointed by AICTE” at Government College of Engineering, Aurangabad.* (GECA/Estt-1/2015/327/ Dated: 31/01/2015)
10. *Worked as “Head of Department (Mechanical Engineering)” at Government College of Engineering, Aurangabad.* (GECA/Esst-1/2014/3941/ Dated: 17/12/2014)
11. *Worked as “Member of Departmental Research Committee” at Government College of Engineering, Aurangabad.* (GECA/MED(DRC)/2014/Dated: 11/09/2014)
12. *Working as “Dean, Planning and Administration” at Government College of Engineering, Aurangabad.* (GECA/Conf/Esst-1/2014/3225/ Dated: 09/09/2014)
13. *Worked as “Member of Paper Setting Committee for Ph D admission 2014” at Government College of Engineering, Aurangabad.* (GECA/MED/2014/45/ Dated: 30/08/2014)
14. *Worked as “Member of Students Discipline Committee” for the Academic Year 2014-2015 at Government College of Engineering, Aurangabad.* (GECA/2014-15/Est-1/2549/ Dated: 13/08/2014)
15. *Worked as “In-charge of Annual Extra Curricular Activity Programme (AECAP)-2014” at Government College of Engineering, Aurangabad.* (GECA/AECAP/2014/ Dated: 24/02/2014)
16. *Worked as “Office In-charge for NBA Accreditation” at Government College of Engineering, Aurangabad.* (GECA/MED-NBA Accr/2013/275/ Dated: 25/04/2013)
17. *Worked as “Institute Library Committee Member” at Government College of Engineering, Aurangabad.* (GECA/Lib/13/ Dated: 05/02/2013)
18. *Worked as “Chairman”* ***AICTE Extension of Approval Committee*** (GECA/Est/2012/4804, Dated: 22/11/2012)
19. *Worked as “In-charge of counseling Committee” FE Admin, at Government College of Engineering, Aurangabad.* (GECA/MED/3796 Dated: 04/08/2012)
20. *Worked as “Member of U.G.C. Extension of Autonomy Committee” for Departmental Representation at Government College of Engineering, Aurangabad.* (GECA/Esst.-1/2012/3662/ Dated: 24/07/2012)
21. *Worked as* ***“Nodal Officer, TEQIP-II*** *for Institutional Management Capacity Enhancement” at Government College of Engineering, Aurangabad.* (CEA/CED/Finance/TEQIP/2012/697/ Dated: 22/02/2012)
22. *Worked as* ***“Member of Institute Grade Moderation Committee****” for U.G. and P.G. at Government College of Engineering, Aurangabad.* (GECA/CoE/2010-11/1131/ Dated: 19/05/2011)
23. *Worked as “Member of Students’ council Formation Committee” at Government College of Engineering, Aurangabad.* (GECA/STUDENTS’ COUNCIL-08/4139/ Dated: 08/09/2008)
24. *Worked as “Member of M.E.(Mechanical Design ) Admission Committee” for PG courses for the academic year 2006-07, at Government College of Engineering, Aurangabad.* (GECA/MED/PG/Admissions/2006/780 Dated: 29/06/2006)
25. *Worked as “Co-ordinator” for Training Programme TEQIP-I, at Government College of Engineering, Aurangabad.* (GECA/TEQIP/IPMU CELL/SEP-2005/3501/ Dated: 16/09/2005)
26. ***Contribution in Innovative Project at Asia Level Extra Curricular Activity***
27. *Received award of Best Design, Best Innovation and Best Manufacturing for guiding Robot at IIT TECHFEST-2012 (Asia Level Competition)*
28. *Innovation in Bicycle “Converting Bicycle into Pneumatic Driven Bicycle”, Project at U. G. Level.*
29. *Innovative Project for Vrudhashram, “Marry Heating System” Project for Food Heating.*
30. *Innovative Project on Continuous Variable Transmission System for Four Wheeler (Received Dr. Kandlikar Award)*
31. *Received award of Best Design, for guiding Robot, at IIT Madras TECHFEST-2013 (Asia Level Competition)* Date: 18/01/2013
32. *Received 1st Prize in Robo War Competition for Best Design and soft drawing, for guiding Robot, at BIT’S Pillani Goa TECHFEST-2013 (National Competition)* Date: 28/03/2013
33. *Initiated and Guided Innovative project of* ***“SAE- BAJA” National Level Activity*** *in 2010 and Successfully Participated as “Team ARYANS” from 2010 to 2016, (Coordinator and Advisor of Team for New Innovation)*
34. *Initiated and Guided Innovative project of* ***“SAE- Supra”******National Level Activity*** *in 2015 and Successfully Participated as “Team ARYANS” from 2015*
35. *Received* ***“Best Project”*** *Award from* ***“Tata Consultancy Services limited”*** *for the project of 2013*
36. **AREAS OF INTEREST**
37. ***Tribological Design of Thermo-elasto-hydro-dynamic Bearing***
38. ***Thermal Fatigue and Residual Stress in Rolling and Drawing Operation***
39. ***Advanced Process FMEA***

**Prof. Dr. S.B.Chikalthankar**

**Dean**

**Planning and Administration**

**Department of Mechanical Engineering**

**Government College of Engineering, Aurangabad**