

Resume

Full Name:
Date of Birth:
Residential Address:

Dr. Sanjay B. Chikalthankar
1st March 1968
Plot No.23, Arunodaya coloney,
Beed bypass Road, Aurangabad.



Mobile: 9890432120
Email: sbchikalthankar@gmail.com
sbchikalthankar@geca.ac.in

Qualification Details:

Sr. No.	Certificate /Degree	Specialization	Board/University	Passing Year	Percentage Marks	Class/Grade
1	Diploma in Mechanical Engineering	MECHANICAL	MSBTE	1987	74.45	I First in G.P. Khamgaon (6 th in Maharashtra)
2	B.E.	MECHANICAL	MARATHWADA University, Aurangabad	1990	72.66	DISTINCTION
3	M. E.	MECHANICAL DESIGN	Dr. BAMU, Aurangabad	1997	67.62	Ist Class
4	Ph. D	MECHANICAL	Dr. BAM University Aurangabad	24 September 2011		

Services in

a) Professional Experience

Sr.No.	Institute	Designation	Last Drawn Salary	Nature of Job
1	BHARAT FORGE, PUNE	TRAINEE ENGINEER	3100	SUPERVISORY
2	GLEITELEGER INDIA LTD, AURANGABAD	Q.C. OFFICER	6800	MANAGERIAL
3	MIT, COLLEGE OF ENGINEERING, AURANGABAD	LMED	9000	TEACHING
4	PES, COLLEGE OF ENGINEERING, AURANGABAD	LMED	14000	TEACHING

b) Government Technical Education Department

Institute	Department	Designation
Government Polytechnic, Jalna	Mechanical Engineering Department	Lecturer in Mechanical Engineering
Government College of Engineering Aurangabad Chhatrapati Sambhajinagar	Mechanical Engineering	Associate Professor, Mechanical Engineering

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	A Concise Review on Ceramic Filled Polymeric Resins Composites for metal Coating	GIS Science journal (UGC Approved)	GIS Science journal	Jan. 2023	Vol.10, Issue 4	ISSN: 1869-9391	Online
2	Investigation of Layer and Inter-Layer Fracture in FDM 3D Printing Process Under Tensile Failure	NCESSO (UGC Approved)	National Conference on Energy and Environment for Sustainable Development	July 2022	Vol. 01 Issue 1	ISSN: 2368-7181	Online
3	Testing Tool Material on Scratch Tester	IJSRD (UGC Approved)	International Journal for Scientific Research & Development	Dec. 2021	Vol. 9, Issue 12	ISSN: 2321-9653	Online
4	Study of wear behavior of TiO ₂ nanoparticle With Cermic Filled Polymer Resins Composites by Taguchi and RSM Technique	IJSRD (UGC Approved)	International Journal for Scientific Research & Development	April 2021	Vol. 2, Issue 01	ISSN: 2451-0783	Online
5	Influence of the FDM 3D Printing Process Parameters on In-Layer and the Inter-Layer Fracture under Tensile Failure	IJRASET (UGC Approved)	International Journal for Research in Applied Science & Engineering Technology	Dec. 2020	Vol. 08 Issue 12	ISSN: 2321-9653	Online
6	Experimentation and Optimization of HDPE Plastic Pipe by using Taguchi Method	IJRASET (UGC Approved)	International Journal for Research in Applied Science & Engineering Technology	Dec. 2019	Vol. 07 Issue 6	ISSN: 2321-9653	Online
7	A Concise Review on Ceramic Filled Polymeric Meric Resins Composites for Metal Coating	IJMPERD (UGC Approved)	International Journal Of Mechanical and production	Dec. 2019	Volume 3, Issue 5	ISSN(p) 4450-6890, ISSN(e) 4449-8001	Online

			Engineering Research and development				
8	Experimental Investigation and Optimization of Wear Characteristics of Brass Metal Matrix Composite Reinforced with Molybdenum Disulphide by using Taguchi Technique	IRJET (UGC Approved)	International Research Journal of Engineering and Technology	Dec. 2018	Vol.05, Issue 12	ISSN: 2395-0056	Online
9	Experimental Investigation and Optimization of Wear Characteristics of Brass Metal Matrix Composite Reinforced with Molybdenum Disulphide by using Taguchi Technique	IRJET (UGC Approved)	International Research Journal of Engineering and Technology	Nov. 2018	Vol.05, Issue 11	ISSN: 2395-0056	Online
10	Cost Based Process Failure Mode Effect Analysis of Blanking, Forming and Piercing of Hinge L Nova	IOSR-JMCE (UGC Approved)	IOSR Journal of Mechanical and Civil Engineering	January 2018	Vol 1, Issue 1	ISSN: 2278-1684	Online
11	Failure Mode Effect Analysis of Rollers in Mill Stand	IJRSET (UGC Approved)	International Journal of Innovative Research in Science, Engineering and Technology	January 2017	Vol 6, Issue 1	ISSN: 2319-8753	Online
12	Cost Based Failure Modes and Effect Analysis	IJSRD (UGC Approved)	International Journal for Scientific Research & Development	April 2016	Vol. 4, Issue 04	ISSN: 2321-0613	Online
13	Factors Affecting on Residual Stresses & Springback in Sheet Metal Bending: A Review	IJSRD (UGC Approved)	International Journal for Scientific Research & Development	October 2015	Vol. 3, Issue 08	ISSN: 2321-0613	online
14	Effect of Silicon Carbide Content on Tribological Properties of Aluminium Zinc Alloy Composite At Elevated	IJSEAS (UGC Approved)	International Journal of Scientific Engineering and Applied	July 2015	Vol.1, Issue-4,	ISSN: 2395-3470	Online

	Temperature		Science				
15	Failure Mode Effect Analysis of Cutting Operation of Needle for Roller Bearing	IJSR (UGC Approved)	International Journal of Science and Research	April 2015	Vol. 4, Issue 4	ISSN : 2319-7064	Online (<i>Index Copernicus Value: 6.14, Impact Factor 4.438</i>)
16	Effect of Silicon Carbide Content on Tribological Properties of Aluminium Zinc Alloy Composite	IJERT (UGC Approved)	International Journal of Engineering Research & Technology	October 2014	Vol. 3 Issue 10	ISSN: 2278-0181	Online
17	Investigation and Optimization of Tool Tip Temperature in Turning of OHNS	IJERT (UGC Approved)	International Journal of Engineering Research & Technology	October 2014	Vol. 3 Issue 10	ISSN: 2278-0181	Online
18	Investigation And Optimization of Various Machining Parameters Affecting The Effectiveness Of Turning: A Review	IJERT (UGC Approved)	International Journal of Engineering Research & Technology	May - 2014	Vol. 3 Issue 5	ISSN: 2278-0181 IJERTV3IS 051292	Online
19	Factors Affecting on Spring-back in Sheet Metal Bending: A Review	IJEAT (UGC Approved)	International Journal of Engineering and Advanced Technology	April - 2014	Volume-3, Issue-4	ISSN: 2249 - 8958,	Online
20	Comparative Study of Bearing Materials and Failure of Plain Bearings	IJERT (UGC Approved)	International Journal Of Engineering Research and technology	Feb – 2014	Volume 3, Issue 2	ISSN 2278-0181	Online
21	A Review & Literature of Frictional & Wear Characteristics of Non-Asbestos Brake Pad Using Link Chase Machine	IJMET (UGC Approved)	International Journal Of Mechanical Engineering Research and technology	Jan – 2014	Volume 5, Issue 1	ISSN 0976-6359	5-7731 BY GISI
22	Influence of Machining Parameters on Electric Discharge Machining of WPS Tool Steels – an Experimental	IJMPERD (UGC Approved)	International Journal Of Mechanical and production	Dec - 2013	Volume 3, Issue 5	ISSN(p) 2249-6890, ISSN(e) 2249-8001	Online

	Investigation		Engineering Research and development				
23	Experimental Analysis and Study of Wear of Crankshaft Bushing Under Variable Condition	IJMPERD (UGC Approved)	International Journal Of Mechanical and production Engineering Research and development	Oct – 2013	Volume 3, Issue 4	ISSN 2249-6890	Online
24	Analysis of Orthotropic Plate by Refined Plate Theory	IJEAT (UGC Approved)	International Journal Of Engineering and advanced technology	Aug – 2013	Volume 2, Issue 6	ISSN 2249-8958	Online
22	Bending and Free Vibration Analysis of Isotropic Plate Using Refined Plate Theory	BIJIEMS (UGC Approved)	International Journal Of Industrial Engineering and management science	June – 2013	Volume 3, Issue 2	ISSN 2277-5056	Online
26	Experimental Investigations of EDM Parameters	IJERD (UGC Approved)	International Journal Of Engineering Research and development	June – 2013	Volume 7, Issue 5	E-ISSN 2278-067X, p-ISSN 2278-800X	Online
27	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 (UGC Approved)	International Journal Of Engineering Research and technology	May – 2013	Volume 2, Issue 5	ISSN 2278-0181	Online
28	Finite Element Analysis Approach for Stress Analysis of Crankshaft under Dynamic Loading	IJSER (UGC Approved)	International journal of scientific & engineering research	Jan – 2013	Volume 4, Issue 2	ISSN 2229-5518	Online
29	Fatigue Numerical Analysis for Connecting Rod	IJERA (UGC Approved)	International Journal Of Engineering Research and Applications	Dec – 2012	Volume 2, Issue 6	ISSN 2248-9622	Online

30	Effect of variable load, speed and Acceleration of Crank Shaft on Depth of wear of Lining Thickness of Bush Bearing	IJEAD (UGC Approved)	International Journal Of Engineering and advanced technology	Oct – 2012	Volume 2, Issue 1	ISSN 2249-8958	Online
31	Effect of Variable Load, Speed and Viscosity of Lubricating Oil on Depth of Wear of Lining Thickness of Crank Shaft Bush Bearing	IJERT (UGC Approved)	International Journal Of Engineering Research and technology	Oct – 2012	Volume 1, Issue 8	ISSN 2278-0181	Online
32	Improvement in yield strength of deformed steel bar by Quenching using Taguchi Method	IOSRJMC E (UGC Approved)	IOSR Journal Of Mechanical and civil Engineering	Oct – 2012	Volume 2, Issue 2	ISSN 2278-1684	Online
33	FEA Analysis of Geometric Parameters of Connecting Rod Big End	IJEST (UGC Approved)	International Journal of Indian Science and Technology	April 2012	Volume - 4 Issue- 4	ISSN 0975-5462	Online
34	Structural vibration (Dynamic) Analysis of the Disc Brake of Maruti-800 using F.E.A	GJERT (UGC Approved)	Global Journal Of Engineering Research and technology	Feb - 2012	Volume 2, No 2	ISSN 2249-3107	Online
35	Predicting effect of pressure, shaft velocity and surface finish depth of wear of lining thickness of engine bushing by experimentation	IJSAT (UGC Approved)	Indian Journal of Science and Technology	April – 2011	Volume 4, No 4	ISSN 0974-6846	Online

2. Publications in International Conferences and National Conferences

Sr. No.	Title of Paper	Conference	Year	Organizer
1	A Concise Review On Ceramic Filled Polymeric Resins Composites For Metal Coating.	2nd International Conference on Emerging Areas in Science, Technology (ICEAST-2023)	24th & 25th March 2023	KLS Vishwanathrao Deshpande Institute of Technology, Halival
2	Investigation of In-Layer and Inter-Layer Fracture in FDM 3D Printing Process Under Tensile Failure	National Conference on Energy and Environment for Sustainable Development	5th & 6th July 2022	Government College of Engineering & Research, Avasari (Khurd), Taluka Ambegaon, Dist, Pune, 412405
3	Pneumatics	Robotics & Automation Innovation Society	5th & 6th August 2017	GECA, Aurangabad
4	Failure Mode Effect Analysis of Rollers in Mill Stand	International Conference on Recent Trends in Engineering and Science (ICRTES 2017)	20th-21 Jan. 2017	Government College of Engineering Jalgaon
5	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
6	Experimental Analysis of Process Parameters Affecting on Residual Stress in V-Bending Process for Deep Draw Steel IS 1079 Using XRD, FEA and	International Conference on Advanced and Agile Manufacturing and Agile Software Development	06-07 Oct.2016. SGGS	Institute of Engineering and Technology, Nanded

	Taguchi Technique			
7	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
8	Factors Affecting on Residual Stresses and Springback in Sheet Metal Bending	Factors Affecting on Residual Stresses and Springback in Sheet Metal Bending EEECOS 2016	1-2nd June 2016	SASI Institute of Technology & Engineering Tadepalligudem, (A.P.), India.
9	Trigonometric shear deformation theory for thick plate analysis.	International Conference on Recent trends in engineering & technology. ICRTET	2013	
10	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	1-2nd June 2016	SASI Institute of Technology & Engineering. Tadepalligudem. (A.P.), India
11	"Analysis of Effect of Surface Quality MRR & EW of Tungsten Carbide in EDM"	National Conference on Mechanical Engineering (ECLAT Invasion 11)	11-12 March 2011	Marathwada Institute of technology, Aurangabad
12	Analysis of Influence of EDM Parameters on	National Conference on	14-16 March	K.K. WAGH INSTITUTE OF

	MRR and TWR of Tungsten Carbide"	Mechanical Engineering (ECLAT Invasion-11)	2011	ENGINEERING EDUCATION AND RESEARCH, Panchawati-Nashik- 422 003
13	Advanced Electro Magnetic Suspension Systems of Vehicle	"International Conference on Energy Optimization and Control" (ICEOC-2010)	December 28-30, 2010	Government College of Engineering. Aurangabad.
14	"Residual stresses in Engine Bearing and its Evaluation"	National Level Conference	5 th -6 th March 2009	Department of Electronics Engg. Govt college of Engg Auragabad
15	Mechanical Behaviour of Optical Glass fiber Under Zero Stress Aging	National Conference on Nascent Technology in Engineering Field	29 th February and 1 st March 2008	FR. C. RODRIGUES INSTITUTE OF TECHNOLOGY, Vashi, Navi Mumbai. 400 703
16	Concurrent Engineering	International Conference on Advances in Manufacturing and Technology Management	18-20 January 2007	Parshvanath College of Engineering, Thane & University of Mumbai.
17	Energy Dissipation in Rolling Contact Bearing	International Technical Symposium" Techno millennium 2006	September 15-17, 2006	MIT College of Engineering. Aurangabad
18	Energy Dissipation in Sliding Contact Bearing at high	International Technical Symposium"	September 15-17, 2006	MIT College of Engineering. Aurangabad

	Temperature"	Techno millennium 2006		
19	"Electromagnetic suspension system of Vehicle"	National Level Conference	23-24 January 2006	Department of Electronics Engg. Govt college of Engg Auragabad
20	"Recent Development in advanced Material Compacted graphite Iron"	National Level Conference	23-25 March 2002	Department of Comp Science Saurashtra University Rajkot

B) Professional Training Program and Workshops :-

Sr. No.	Title of Training	Institute/ Organization	Duration	Week/Days	Remark
1	ISTE approved STTP on "Internet of Things and its Applications"	Bajaj Institute of Technology, Wardha	27 th Mar. – 31 st Mar. 2023	1 Week	
2	Online STTP on "Research Methodology: Tools and Techniques"	Sardar Vallabhbhai <i>National Institute of Technology</i> , Surat, Gujarat.	5 th Sep. – 9 th Sep. 2022	1 Week	
3	Self Finance <i>online (ISTE approved) STTP</i> on "Innovation and Creative Methods for Effective Teaching Learning Skills"	Dr. Rajendra Gode Institute of Technology and Research, Amravati, Maharashtra.	14 th Nov. – 18 th Nov. 2022	1 Week	
5	National Level Faculty Development Program on "Advances in Electric Vehicle Industry"	BVB's Sardar Patel Coe & Shri. Sant Gadge Baba College of Engineering & Technology, Bhusawal	14 th Nov. – 18 th Nov. 2022	1 Week	
6	Online <i>ISTE approved STTP</i> on "Creative and Innovative Approaches for Teaching and Learning"	Dr. Rajendra Gode Institute of Technology and Research, Amravati, Maharashtra	04 th Oct. – 8 th Oct. 2021	1 Week	

7	Workshop on “ Strategies to improve R & D Activities in Engineering Institutes ”	Sanjivani College of Engineering Kopargaon	27 th Sept. – 1 st Oct. 2021	1 Week	
8	Workshop on “ Basics of Intellectual Property Rights ”	Nagpur Institute of Technology, Nagpur	6 th Sept. – 11 th Sept. 2021	1 week	
9	Online Workshop on “ Indian Patent filing Procedure, Specification, Search ”	By Rajiv Gandhi Institute of Intellectual Property (RGNIIPM), Nagpur in Collaboration with Government College of Engineering, Aurangabad	10 th March 2021	1 Day	
10	AICTE Sponsored Online Faculty Development Program on “ NBA Accreditation and Processes ”	NIT Agartala	8 th Feb. – 12 th Feb 2021	1 week	
11	CEP Course on “ Inter-disciplinary Aspects in Modeling of Manufacturing Processes ”	IIT Bombay Continuing education & Quality Improvement Programmes (CE & QIP)	21 st Nov. – 29 th Nov 2020	2 Week	
13	Faculty Development Program on “ Product Development & Industrial Research - 2020 ”	R & D, Mechanical Engineering Department, Government College of Engineering, Aurangabad in association with ANKUR-AICF under TEQIP-III	6 th July. – 10 th July 2020	1 week	
14	Faculty Development Programme on “ Foundation program in ICT for education.(FDP201x) ”	IIT MUMBAI (Pandit Madan Mohan National Mission)	14 th Sept. – 12 th Oct. 2017	Four Week	IIT MUMBAI
15	Faculty Development Programme on “ Foundation program in ICT for	IIT MUMBAI (Pandit Madan Mohan National Mission)	3 rd Aug. – 7 th Sept. 2017	Four Week	IIT MUMBAI

	education.(FDP101x)”				
16	<i>Workshop on “3D Printing : A Disruptive Technology of This Era”</i>	GECA, Aurangabad	20-22 March. 2017	3 days	IIT Bombay
17	<i>Workshop on “Analysis of research problems through Design of Experiments.”</i>	GECA, Aurangabad	17 -19 march 2017	3 days	IIT Bombay
18	<i>Workshop on “Fuels and Combustion”</i>	GECA, Aurangabad	20-24 Feb. 2017	5 days	IIT Bombay
19	One Week STTP on <i>“Enhancement of Quality of Technical Education through Industry Institute Interaction”</i>	GECA, Aurangabad	30 Jan – 3 Feb, 2017	One Week	TEQIP
20	Short Term Training Programme on <i>“STP: Refresher training programme for officers of higher & technical education department.”</i>	Yashvantrao Chavan Academy of Development Administration.	17 th oct. to 21 oct 2016	One Week	YASH ADA
21	Short Term Training Programme on <i>“Auto CAD”</i>	NITTR Kolkata 700 106	6 th June 2016 to 17 th June 2016	Two Week	MHRD
22	Short Term Training Programme on <i>“Computations and Optimizations with MATLAB</i>	NITTR Kolkata 700 106	26 th Dec 2016 to 06 th Jan 2017	Two Week	MHRD
23	Short Term Training Programme on <i>“Computations and Optimizations in Engineering”</i>	NITTR Kolkata 700 106	28 th Dec 2015 to 08 th Jan 2016	Two Week	MHRD
24	STTP under TEQIP- II on <i>“Pedagogy to Synergogy”</i>	Government College of Engineering, Aurangabad- (M.S.) 431005	7 th Dec. to 11 th Dec 2015	One Week	TEQIP-II
25	Workshop on under TEQIP- II <i>“Computer Aided Product</i>	Government College	13 th to 15 th	Three Days	TEQIP-II

	<i>Design and Development (CAPDD-2015)</i>	of Engineering, Aurangabad- (M.S.) 431005	Oct. 2015		
26	AICTE Summer School on <i>“Computer aided Product Design”</i>	SSN College of Engineering, Chennai (T.N.)	15 th to 27 th June 2015	Two Week	AICTE
27	Three Days Proficiency Improvement Programme on <i>“Automotive Engineering and Homologation”</i>	ARAI and Marathwada Auto Cluster, Aurangabad	27 th to 29 th April 2015	Three Days	ARAI
28	Workshop on <i>“NBA Preparation”</i>	GCE, Aurangabad in Association with Engineering Staff College of India	20 th to 21 st Dec 2014	Two Days	GECA
29	Workshop on <i>“Outcome Based Accreditation”</i>	GCE, Aurangabad in association with National Board of Accreditation New Delhi	7 th June (phase-I) 14 th to 16 th June 2014 (Phase- II)	Three Days	GCEA and NBA
30	Participation as in <i>“28th INDIAN ENGINEERING CONGRESS “</i>	The INSTITUTION OF ENGINEERS (Tamilnadu State)	20 th -22 nd Dec 2013	Three Days	IE (India)
31	Under TEQIP Phase- II STTP on “Network Security”	Government College of Engineering, Aurangabad- (M.S.) 431005	7 th to 11 th October 2013	One Week	TEQIP-EP
33	AICTE STTP on “Product Design and Development”	Centre for Continuing Education/IIT Madras	21-26 January 2013	One Week	AICTE Sponsored
34	One Week STTP Under TEQIP Phase- II on “Genetic Algorithm and Neuro Fuzzy	Government College of Engineering, Aurangabad- (M.S.)	17 th to 21 st December 2012	One Week	TEQIP

	Applications in Engineering”	431005			
35	One Week Faculty Development Programme under TEQIP on “AUTOMOTIVE EMISSION AND CONTROL TECHNOLOGY” (AECT-2012)	SINGHAD COLLEGE OF ENGINEERING, Pune, Under TEQIP- II)	8 th to 12 th October 2012	One Week	TEQIP
36	One Week QIP Course on “Manufacturing Excellence Through Quality Assurance”	IIT, ROORKEE, (UTTARAKHAND A) Quality improvement Programme Centre	9 th to 13 th July 2012	One Week	QIP- IITR
37	Training on “ReliaSoft’s Reliability Engineering Education”	Rlia soft India Chennai in association with G.P. Aurangabad- (M.S.) 431005	5 th -9 th , March 2012	One Week	-
38	ISTE self sponsored STTP on “Engineering Optimization Techniques and its Applications in Research” (EOTAR- 2012)	Government College of Engineering, Aurangabad- 431005	02 nd to 12 th January 2012	Two Week	ISTE
39	ISTE STTP on “Skill Matrix Enhancement and Effective Teaching Learning for Quality Technical Education” (SMEETL-2011)	Government College of Engineering, Aurangabad- (M.S.) 431005	28 th November to 9 th December 2011	Two Week	ISTE
40	Short Term Course on “Advanced Engine Combustion and Diagnostics”	IIT KANPUR	23 to 28 June 2011	One Week	QIP- IITK
41	ISTE self sponsored STTP on “Pedagogy” Under TEQIP	Government College of Engineering, Aurangabad- (M.S.) 431005	16 th to 21 st May 2011	One Week	DTE
42	ISTE self sponsored STTP on “Generic Algorithm and Neuro Fuzzy Application in	Government College of Engineering, Aurangabad- (M.S.)	29 th November to 10 th	Two Week	ISTE

	Engineering”, ‘GANEUF AE-2010’	431005	December 2010		
43	International Conference on Energy Optimization & Control (ICEOC-2010)	Government College of Engineering, Aurangabad- (M.S.) 431005	December 28-30, 2010	Three Days	TEQIP
44	ISTE self sponsored STTP on “Engineering Optimization”, - ‘EO-2010’	Government College of Engineering, Aurangabad- (M.S.) 431005	28 th June to 9 th July 2010	Two Week	ISTE
45	Seminar On ”Tool Steel”	Indo German Tool Room, Aurangabad (M.S.)	23 rd March 2010	One Day	MSME
46	Staff Development Program on “Failure Diagnosis and Prevention”	Department of Metallurgical and Material Science, VNIT Nagpur	30 th November to 11 th December 2009	Two Week	MHRD/ AICTE Sponsored
47	One Week STTP on “Bearing Technology and Maintenance”	IIT, ROORKEE, Continuing Education Centre	December 3 rd to 6 th , 2008	One Week	IITR, Continuing Edu. Centre
48	International Conference on “Advances in Manufacturing and Technology Management”	Parshvanath College of Engineering, Thane	18-20 January 2007	Three days	University of Mumbai
49	Staff Development Programme Under TEQIP “CYBER LAW”	VNIT Nagpur 440 011	14 To 16 May 2006	Three Days	TEQIP
50	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
51	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

52	Faculty Development Programme under DTE-TEQIP (SPFU)	Sinhgad Inst. Of Technology Pune under DTE-TEQIP (SPFU)	20-22 January 2006	Three Days	DTE-TEQIP(SP FU)
53	Two Week STTP on “Mechatronics”	MSBTE & Govt. Polytechnic. Pune	21 st Nov. to 2 nd Dec. 2005	Two Week	DTE Approved
54	“Faculty Development Programme” Managerial Skills” Under TEQIP	Government College of Engineering, Aurangabad- (M.S.) Under TEQIP	20 to 21 st Aug 2005	Two days	TEQIP
55	STTP “Mechatronics”	VNIT Nagpur 440 011	3 rd to 14 th January 2005	Two Week	AICTE Sponsored
56	Workshop on “Reliability Engineering”	JNEC Aurangabad (M.S.)	01 – 03 Oct. 2004	Three Days	CMIA
57	STTP on “Application of Finite Element Method in Manufacturing”	IIT Guwahati.	6- 20 February 2004	One Week	QIP

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

Sr. No.	Title of Project	Name of Candidate	Guide and Associated Industry	Year
1	<i>Investigation of Layer and Inter-Layer Fracture in FDM 3D Printing Process Under Tensile Failure</i>	Aman Pathan	Dr. S.B. Chikalthankar & Indo Germen Tool Room	
2	<i>Experimental Investigation and Optimization of Wear Characteristics of Aluminum Metal Matrix Composite Reinforced with Sillimanite (Al₂SiO₅) by using Taguchi Technique</i>	Ashwini R. Jogdand	Dr. S.B. Chikalthankar	Dec 2018
3	<i>Experimental Investigation and Optimization of Wear Characteristics of Brass Metal Matrix Composite Reinforced with Molybdenum Disulphide by using Taguchi Technique</i>	Vishal Bhagat	Dr. S.B. Chikalthankar	Nov 2018
4	<i>Annealing, skin pass rolling and slitting processes FMEA for cold rolled steel strip coils</i>	Yogesh Tambatkar	Dr. S.B. Chikalthankar & Keshav Metal PVT Ltd. Aurangabad	Jan 2018
5	<i>Failure mode effect analysis of roller in Mill Stand</i>	Avinash Pawar	Dr. S.B. Chikalthankar & Keshav Metal PVT Ltd. Aurangabad	Jan 2018
6	<i>Cost Based Process Failure Modes and Effect Analysis</i>	Govind Dhage	Dr. S.B. Chikalthankar	July 2017

7	<i>Process Failure Mode Effect Analysis of Cutting Operation of Needle for Roller Bearing</i>	Gajanan Sawadadkar	Dr. S.B. Chikalthankar	Aug 2015
8	<i>Experimental Investigation of Plain Journal Bearing Wear and its Failure</i>	Pankaj Jawle	Dr. S.B. Chikalthankar	Aug. 2015
9	<i>Influence of Machining Parameters on Electric Discharge Machining of WPS Tool Steels - an Experimental Investigation</i>	S. V. Borde	Dr. S.B. Chikalthankar & Indo Germen Tool Room	Aug 2013
10	<i>Effect Of Variable Load, Speed And Acceleration Of Crank Shaft On Depth Of Wear Of Lining Thickness Of Bush Bearing</i>	V.G. Kokre	Dr. S.B. Chikalthankar	June 2013
11	<i>Effect Of Variable Load Speed And Oil Viscosity Of Crank Shaft On Depth Of Wear Of Lining Thickness Of Bush Bearing</i>	Mundhe	Dr. S.B. Chikalthankar	June 2013
12	<i>Vibration Analysis Of Disc Brake Of Maruti 800 Using F.E.A.</i>	Gawande R.J.	Dr. S.B. Chikalthankar & Hindustan Composites LTD	Feb 2013
13	<i>Optimization Of Crankshaft Bearing Of Piaggio GL400 Engine</i>	Nikam R.P	Dr. S.B. Chikalthankar	Dec 2012
14	<i>Improvement In Yield Stength Of Deformed Steel Bar By Quenching Using Taguchi Method</i>	Lakal M.S.	Dr. S.B. Chikalthankar	July 2012
15	<i>Effect Of Temperature On wear Of Lining Thickness Of Piaggio GL400 Crankshaft Bush</i>	Lakal M.S.	Dr. S.B. Chikalthankar	July 2012
16	<i>An Experimental Investigation Influence of Machining Parameters on MRR Of Electric Discharge Machining of WPS Tool Steels</i>	Maniyar	Dr. S.B. Chikalthankar	May 2012
17	<i>Effect Of Load, Velocity And Number Of Cycles On Wear Of Crankshaft Journal Bearing</i>	Phalak M.K.	Dr. S.B. Chikalthankar	Aug 2011
18	<i>Effect Of Surface Finish On Wear Of Lining Thickness Of Piaggio Gl400 Rickshaw Crankshaft Bush</i>	Bondarwad	Dr. S.B. Chikalthankar	Dec 2010

19	<i>Investigating the effect of deep cryogenic treatment on residual stresses in D2 steel using X-Ray detracton Method</i>	Lomte S.V.	Dr. S.B. Chikalthankar	Dec 2007
20	<i>Analysis of various performance parameter of electrical discharge Machining"</i>	Pawar R.S.	Dr. S.B. Chikalthankar	July 2007
21	<i>Failure Analysis of Connecting Rods of Heavy Duty Engines</i>	Nehte D.V.	Dr. S.B. Chikalthankar	July 2005
22	<i>Experimental Analysis of Process Parameters Affecting on Residual Stress in V-Bending Process for Deep Draw Steel Using XRD, FEA and Taguchi Technique.</i>	Naikwade Sakib	Dr. S.B. Chikalthankar	2015
23	<i>Effect of Silicon Carbide Content on Tribological Properties of Aluminium Zinc Alloy Composite at Elevated Temperature</i>	Dhananjay Narmala	Dr. S.B. Chikalthankar	2015
24	<i>Experimental Analysis of Process Parameters Affecting on Springback in V-Bending Process for Deep Draw Steel Using FEA and Taguchi Technique</i>	Gopal Belurkar	Dr. S.B. Chikalthankar	Sept 2015
25	<i>Effect of Silicon Carbide content on Tribological Properties of Aluminium Zinc Alloy Composites</i>	Sonawane Durgesh	Dr. S.B. Chikalthankar	2017
26	<i>Investigation And Optimization Of Various Cutting Parameters Affecting The Effectiveness Of Turning Parameter Of OHNS Tool Steel</i>	Kakde	Dr. S.B. Chikalthankar	2017
27	<i>The Study of Frictional and Wear Characteristics of Two Types of Non-Asbestos Brake Pad Using Link Chase Frictional Material Testing Machine</i>	Veer	Dr. S.B. Chikalthankar	In progress
28	<i>Fatigue analysis of crankshaft using experimental method and FEA</i>	Khadse	Dr. S.B. Chikalthankar	In progress
29	<i>Effect Of Various Parameter On Wear Characteristic On Composite Material</i>	Veer	Dr. S.B. Chikalthankar	In progress
30	<i>Effect Of Various Parameter On Residual Stress In Rolling Of Steel</i>	Sahane	Dr. S.B. Chikalthankar	In progress
31	<i>Investigation And Optimization Of Various Cutting Parameters Affecting The Effectiveness Of Turning Parameter Of Die Tool Material</i>	Kakde	Dr. S.B. Chikalthankar	2015

32	<i>Effect of Various Geometric Parameters on Life of Connecting Rod</i>	Sundra Baratam	Dr. S.B. Chikalthankar	Sep. 2015
33	<i>Analysis Approach for Stress Analysis of Crankshaft under Dynamic Loading</i>	Kaundal Sundra Kumar	Dr. S.B. Chikalthankar	2015
34	<i>Predicting Effect of Flow of Lubricant, Pressure, Shaft Velocity and Surface Finish on Depth of Wear of Lining Thickness of Engine Bushing by Experimentation</i>	Shrinivas Chinchkhedka	Dr. S.B. Chikalthankar	Aug . 2015
35	<i>Mechanical Behavior Of Zero Stress Aged Optical Glass Fiber Under Tensile Test</i>	Mrs. Surbhi Bhan	Dr. S.B. Chikalthankar	Dec 2006
36	<i>Analysis of Jump Phenomena of Cam</i>	Kulkarni S.A.	Dr. S.B. Chikalthankar	May 2006

D) Organizer and Convener of Conferences and Training Programs

1. **SAE BAJA”” team received All India Rank (AIR) 01& work as Team Advisor (2018).**
2. **Organizer of “SAE India International” Participation at USA – Portland in June 2018.**
 - a) Received a grant of 10 Lakh Rs From AICTE for above project.
 - b) Organized 12 students international travel, international logistics & stay at PORTLAN, OREGAON USA.
3. **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.)**
4. **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)

5. **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.
 6. **Organizer** of **“Personality Development Programme”** for Third Year and Final Year Engineering Students, 25 Nov 2010 to 30 Nov. 2010
 7. **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.
 8. **Organizer and Convener** of **“National Level Technical Symposium”** **“MECH FEST05”** at Government College of Engineering, Aurangabad, April 2-5, 2007
 9. **Organizer and Co-Ordinator** of **“National Level Technical Symposium”** **“MECHFEST 07”** at Government College of Engineering, Aurangabad, April 2-3, 2005.
- E) **Organizer of STTP/Conference/ Entrepreneurship Development Camp/ Workshop in**
- Organized One Week Multi-disciplinary online FDP on **“Product Development and Industrial Research”** (PDIR) – 2020 under TEQIP-III, in Association with
 - Findability Sciences Boston, Massachusetts, USA
- R&D – Aurangabad Electrical Limited*
- R&D – Verroc PVT Ltd. Aurangabad*
- DSIR MoS &T Government of India*
- The Digital Wisdom Business Analytics, PUNE*
- 3D Engineering Automation LLP PUNE*
- India First Robotics Innovations & Research LLP Pune*
- MoU with “Center of Excellence in Maritime & Shipbuilding, Mumbai (CEMS)” for Mechanical Engineering Students for Robotics & Finite Element Analysis (FEM) Training. (2018)

- Organized a two days “**AbhiyantramProgramme**” by **Mechanical Engineering Department Government College of Engineering, Aurangabad** for School Students of 9th& 10th class particularly for **Physically Challenged** Students to acquaint them about Mechanical Engineering Laboratories & understand the engineering education system. (2017)
- Organized a two days “**AbhiyantramProgramme**” by **Mechanical Engineering Department Government College of Engineering, Aurangabad** for School Students of 9th& 10th class to acquaint them about Mechanical Engineering Laboratories & understand the engineering education system. (2016)
- 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**)
- Organized a “**illuminate-Entrepreneurship Workshop**” for students in Association with **ECell- IIT Bombay** for all Institute & all Courses Students (28 Octo 2014)
- Organized “**Entrepreneurship Awareness Camp**” in Association with **Central Institute of Plastic Technology, Aurangabad and MSME, Aurangabad**
- Organized a “**illuminate-Entrepreneurship Workshop**” for students in Association with **ECell- IIT Bombay** for all Institute all Courses Students (22 Octo 2013)
- 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**)
- 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
- 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.**

- 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.**

F) Contribution at University/DTE Educational and Administrative Committee

- Worked as a “**Member in meeting of Research & Recognition Committee**” on the topic Mechanical Engineer under the Faculty of Science & Technology for Dr. Babasaheb Ambedkar Marathwada University, Aurangabad - 431004. (Ref. No. Ph.D./RRC/2022-23/2083-86 Dated: 18/05/2023)
- Worked as “**DLO for MHT-CET 2023**” for Maharashtra State CET Cell. (1223/AD. 11/MHT-CET/2023/901)
- Nominated as “**Observer for JEE Main (Section-1)**” by AICTE (AICTE/AB/NTA/2022-23, Dated: 20/01/2023)
-
- Worked as “**Venue Officer for MCA MBA Planning CET 2022**” for Maharashtra State Technical Education Regional Office, Nashik. (Dated: 18/07/2022)
- Appointed for “**Examination Duty MAH-MCA-CET 2022**” by State Common Entrance Test Cell, Maharashtra. (TED- 1222/C.R.07/CET/1178)
- Recognized as a “**Research Guide in Subject Mechanical Engineering Under the faculty of Engineering & Technology.**” By BAMU Aurangabad (PG/Ph.D./2016/5668, Dated: 21/06/2016)
- Worked as “**Observer of AICTE CMAT**” exam for AICTE from year 2013, 2014, 2015 (CMAT-FEB, 2013)
-
- 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)
- 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)
- Worked as “Subject Expert Committee Member” for preparation of Specification of CNC at DTE (DTE/Meeting/ 2013/1149, Dated 07/08/2013)
- Worked as “**DTE Nominee**” for Interviews at High Tech Institute of Technology (ROA/Estt/-2/2012/7563, Dated 07/12/2012)

- 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)
- 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)
- 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)
- 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)
- 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)
- Worked as “**BOS Member**” for SE. Mechanical Syllabus Committee of Dr. B.A.M. University
- 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)
- 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)
- 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)
- 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)
- 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)
- Worked as “**Controller of Examination of MSCIT of MSBTE**” (In year 2002, 2003)

G) Expert Lectures/Talks at various Institutes

- ❖ *Expert Lecture on “Recent trends in digital manufacturing and Industry 4.0” at Shreyas COE, Aurangabad, One week Faculty Development Program” in association with ISTE 11 December- 16 December 2023*
- ❖
- ❖ *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)*
- ❖
- ❖ *Expert Lecture talk on “SAE India Events and Its Application in Automobile Design” at Shreyash College of Engineering and Technology, Aurangabad. (SYCET/ADMIN/2015/534)*
- ❖ *Expert Lecture on “Sliding Contact Bearing Design and its Application in Practice” at Deogiri Institute of Engineering and Management Studies, Aurangabad (DIEMS/1013-2014/5018, Dated 26/08/2014)*
- ❖ *Expert Lecture on “Rolling Contact Bearing Design and Mounting” at Hi-Tech institute of Technology, Aurangabad (HIT/2013/819, Dated 20/03/2013)*
- ❖ *Expert Lecture talk on “Rolling Contact Bearing Design and Advancement” at Hi-Tech institute of Technology, Aurangabad (HIT/2012/479, Dated 21/09/2012)*
- ❖ *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)*
- ❖ *Expert Lecture on “Design of Experiments, by Using Taguchi Method” at MIT College of Engineering, Aurangabad*

H) Industry Institute Interaction/Collaboration with Industrial Project/ Participation in Industrial Project

- ❖ *Participated in “Quality Circle Forum of India” Aurangabad Chapter, Convention on Quality Circle- 25/04/2015 as “Judge of Convention” for Why-Why Analysis of Industries*
- ❖ *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*
- ❖ *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*
- ❖ *Collaboration for Project for product development on “Spring Back Effect of Sheet Metal” in collaboration with “Sidharth Pressing (I) P. Ltd. Waluj, Aurangabad.*

- ❖ *Project With “Rak Constro” Pune for renovation and assembly of ATV Vehicle of SAE BAJA*
- ❖ *Collaboration for Project for product development on “Failure Mode effect analysis of Needle of Bearings” with NRB, Bearing, Jalna MIDC, Jalna.*

I) Subject Expert of University/ DTE/ Institute for “Interviews of Teaching Faculty”

1. 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)
2. 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)
3. 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)
4. 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)
5. Worked as “**Subject expert of Mechanical Engineering Faculty Interview Committee**” at “Anuradha Engineering College, Chikhali, DistBuldana – Nominated by Amravati University (ACE/ 2510 Dated 15/05/2012)
6. 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)
7. 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)
8. 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)

J) Contribution in Engineering Course Development and Syllabus Reviewing

1. Worked for Designing and drafting the Complete Syllabus of “Strength of Materials” for Continuing second year engineering Teaching & Learning Process at Government College of Engineering, Jalgaon. (Dated: 07/02/2023)
2. Work for Question Bank Development for Craft Instructor for “Directorate of ITI (11/ESST-3/ 2013/004., Dated 24/11/2014)
3. 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)

4. Question Bank Development (MSBTE Mumbai office order: MSBTE Mumbai/ D50/ QB/2004/7444 Dated 18/4/2002)
5. Worked Syllabus Revision Committee Member of Dr. B.A.M. University for Engineering and Technology (UG/May 2000/8973, Dated 23/5/2000)
6. Worked as Subject Expert for “Theory of Machine” and Machine Design” Subject of Diploma in Engineering

K) Contribution as Chairman of Conference/Chairman of Technical Paper presentation/Judge for Project Competitions/ Mini project

1. 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
2. Worked as “Judge” Technical Festival “Genious 2013” at Anuradha Engineering College, Chikhali, Buldhana. (AEC/ADM/Genious 2013 / 2025, Dated: 27/02/2013)
3. Worked as “Chairman” Technical Paper Presentation “MECH–TRICKS-2K11” at P.E. S. College of Engineering, Aurangabad (PESCOE/official/521, Dated: 02/11/2011)
4. 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)
5. 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)
6. 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)

L) Contribution as External Examiner in Examination of other Universities/Institutes at P.G. Level/Ph. D Level

- **Approved Ph. D Guide of BAM University and guiding three research scholar**
- **Approved PG Teacher of BAM University**
- **Worked as “External Examiner for examining M.E. Dissertation” at University of Pune. (XCE/790, Dated: 05/09/2013)**
- **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)**

- *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)*
- *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)*

M) Contribution as an In-charge at various Institute Level Activities

1. *Worked as a “1st Year Admission Process Head” at Government College of Engineering, Jalgaon (Dated: 28/06/2023)*
2. *Worked as a “Co-Ordinator for Admission Procedure at FC Center” at Government College of Engineering, Jalgaon (Dated: 23/06/2023)*
3. *Worked as a “Member” for Application of National Education Policy at Government College of Engineering, Jalgaon (Dated: 23/05/2023)*
4. *Worked as a “Member in Constitution of Examination Committee” at Government College of Engineering, Jalgaon (Dated: 13/05/2023)*
5. *Worked as a “Faculty Co-Ordinator in Discipline & Crises Management Committee for CARVAAN 2023” at Government College of Engineering, Jalgaon (GCOEJ/CARVAAN/2023/363, Dated: 02/03/2023)*
6. *Worked as a “Co-Ordinator in Co-Ordination Committee for Industry-alumina meet 2023” at Institute of Hotel Management and Catering Technology, Pune, Under Industry Institute Interaction. (GCOEJ/III/2022-23/309, dated: 20/02/2023)*
7. *Appointed as a “Expert for Academic Audit of Mechanical Engineering Department” at Government College of Engineering, Jalgaon (GECA/MED/2023/403, Dated: 07/02/2023)*
8. *Worked as a “Member in Furniture, Instruments, Machines Procurement & Purchase Committee” at Government College of Engineering, Jalgaon (Dated: 24/01/2023)*

9. *Worked as a “Lab In charge for CAD/CAM Lab. & Mechatronics Lab and Class teacher for Last Year B. Tech Students” at Government College of Engineering, Jalgaon (987, Dated: 31/10/2022)*
10. *Worked as “Faculty In-Charge in Sponsorship Committee” for TECH-CARVAAN 2022, at Government College of Engineering, Jalgaon (GCOEJ/TEHCARVAAN/2022/1037, Dated: 11/08/2022)*
11. *Worked as a “Member in Interview committee for Visiting Lecturer” at Government College of Engineering, Jalgaon (Dated: 05/08/2022)*
12. *Worked as a “Member in Interview committee for Visiting Lecturer” at Government College of Engineering, Jalgaon (Dated: 05/08/2022)*
13. *Worked as “In-Charge” for Robocon-2020-21, at Government College of Engineering, Aurangabad (GECA/MECH/83A/ Dated: 08/06/2020)*
14. *Worked as “Member of Internal Vigilance Squad” at Government College of Engineering, Aurangabad. (GECA/CoE/2015-16/1348/ Dated: 07/11/2015)*
15. *Worked as “Subject Expert Committee for Faculty Interview” at Government College of Engineering, Aurangabad. (GECA/Estt-1/2015/2497 Dated 22/07/2015)*
16. *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)*
17. *Worked as “Head of Department (Mechanical Engineering)” at Government College of Engineering, Aurangabad. (GECA/Esst-1/2014/3941/ Dated: 17/12/2014)*
18. *Worked as “Member of Departmental Research Committee” at Government College of Engineering, Aurangabad. (GECA/MED(DRC)/2014/Dated: 11/09/2014)*
19. *Working as “Dean, Planning and Administration” at Government College of Engineering, Aurangabad. (GECA/Conf/Esst-1/2014/3225/ Dated: 09/09/2014)*
20. *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)*
21. *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)*
22. *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)*

23. Worked as “Office In-charge for NBA Accreditation” at Government College of Engineering, Aurangabad. (GECA/MED-NBA Accr/2013/275/ Dated: 25/04/2013)
24. Worked as “Institute Library Committee Member” at Government College of Engineering, Aurangabad. (GECA/Lib/13/ Dated: 05/02/2013)
25. Worked as “Chairman” AICTE Extension of Approval Committee (GECA/Est/2012/4804, Dated: 22/11/2012)
26. Worked as “In-charge of counseling Committee” FE Admin, at Government College of Engineering, Aurangabad. (GECA/MED/3796 Dated: 04/08/2012)
27. 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)
28. 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)
29. 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)
30. Worked as “Member of Students’ council Formation Committee” at Government College of Engineering, Aurangabad. (GECA/STUDENTS’ COUNCIL-08/4139/ Dated: 08/09/2008)
31. 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)
32. 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)

N) Contribution in Innovative Project at Asia Level Extra Curricular Activity

- Set up the Industry Sponsored Lab of M/S Siemens Energy Industrial Turbo Machinery India PVT ltd. For Fluid dynamic and Smart Tutorial Room, The total approx. Amount Rs 29 Lakhs under CSR activities
- SAE BAJA”” team received All India Rank (AIR) 01& work as Team Advisor (2018).
- Organizer of “SAE India International” Participation at USA – Portland in June 2018.
- Received a grant of 10 Lakh Rs From AICTE for above project.
- Organized 12 students international travel, international logistics & stay at

- ❖
- ❖ *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)*
- ❖ *Initiated and Guided Innovative project of “SAE- Supra” National Level Activity in 2015 and Successfully Participated as “Team ARYANS” from 2015*
- ❖ *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*
- ❖ *Received award of Best Design, for guiding Robot, at IIT Madras TECHFEST-2013 (Asia Level Competition) Date: 18/01/2013*
- ❖ *Received “Best Project” Award from “Tata Consultancy Services limited” for the project of 2013*
- ❖ *Received award of Best Design, Best Innovation and Best Manufacturing for guiding Robot at IIT TECHFEST-2012 (Asia Level Competition)*
- ❖ *Innovation in Bicycle “Converting Bicycle into Pneumatic Driven Bicycle”, Project at U. G. Level.*
- ❖ *Innovative Project for Vrudhashram, “Marry Heating System” Project for Food Heating.*
- ❖ *Innovative Project on Continuous Variable Transmission System for Four Wheeler (Received Dr. Kandlikar Award)*

O) AREAS OF INTEREST

- 1. Tribological Design of Thermo-elasto-hydro-dynamic Bearing*
- 2. Thermal Fatigue and Residual Stress in Rolling and Drawing Operation*
- 3. Advanced Process FMEA*

Prof. Dr. S.B.Chikalthankar

Dean

Planning and Administration

Department of Mechanical Engineering

Government College of Engineering Aurangabad, Chh. Sambhajinagar