

Bio-Data (Resume)

Name : Raka Vijaykumar Bansilal
Surname First Name Father's Name

Designation : Assistant Prof (Associate CAS) in Mechanical Engineering

Organisation : Govt. College of Engineering, Karad

Present Address : E-10, Staff Quarters,
Govt. Engineering College, Vidyanagar,
Karad 415 124 Dist. Satara

Permanent Address : Ramwadi, Malegaon Road
Dhule 424 001

Contact Nos : 9422789494, 9420851594 (R)

E-mail ID : vijay_raka@yahoo.co.in

Date of Birth : 19th September 1970 **Gender** : Male

Marital Status : Married **Category** : UR

Nationality : Indian **Domiciled** : Maharashtra



➤ **Educational Qualification**(In Chronological decreasing order):

Examination	University / Board	Date of Passing	Specialization / Subjects	% Marks obtained	Class / Grade
M.E. (Mech. Design)	Dr. BAMU	20/09/2005	Mechanical Design & Mech. Engineering	71.00 %	I-D
B.E. (Mech)	Pune	15/11/1996	Mechanical Engg	60.65 %	First
D. M. E.	MSBTE	19/08/1991	Mechanical Engg	64.45 %	First
H.S.C.	Pune	07/06/1988	PCM, Eng, Vocational	70.67 %	First
S.S.C	Pune	27/06/1986	Lang, Maths, Science	66.00 %	First

➤ **Professional Experience Details** (From Present to Past): As on 31st March 2020

Name of Organisation	Post Held	Nature of Post	From	To	Total Duration	Remark
Govt. College of Engg., Karad 415 124 Dist. Satara	Assist. Prof. in Mechanical Engg	Teaching	01/08/2008	Till Date	--	Presently working
Govt. College of Engg., Aurangabad	Lecturer in Mechanical Engg	Teaching	02/08/2000	31/07/2008	8 y 0 m	Govt. Transfer

Govt. College of Engg., Amravati	Lecturer in Mechanical Engg	Teaching	28/10/1999	31/05/2000	0 y 7 m	Govt. Transfer
S.E.S. College of Engineering, Dhule 424 318	Lecturer in Production Engg	Teaching	01/05/1998	30/10/1999	1 y 6 m	
K.B.H. Polytechnic, Malegaon Dist. Nasik	Lecturer in Mechanical Engg	Teaching	01/09/1996	30/04/1998	1 y 8 m	
Uni-Erectors Pvt. Ltd., Pune 4	Trainee Project Engineer	Supervisory	01/04/1995	30/07/1996	1 y 4 m	

Total Teaching Experience is over 20 years and Industrial Experience is 1 ½ years.

➤ **Computer Literacy:**

1. Completed a course on **Maharashtra State Certificate Course in Information Technology (MSCIT)** conducted by *Maharashtra State Board of Technical Education, Mumbai*, August 2002 and passed with 82.00 % at Aurangabad
2. Can work on
 - a) MS Windows Operating Systems Windows XP/ Windows7/8/10, and DOS.
 - b) Programming software such as C++, Fortran 77, Dbase.
 - c) Modeling Software such as Auto-CAD 2014, MATLAB (primary Know-how)
 - d) Good Hand in Microsoft's Office with word & Excel
 - e) Establishing LAN Network and Computer Hardware Maintenance, *etc.*

➤ **Technical Paper Presented**

1. Raka V. B. "Tribological Behaviour of PTFT and its Composites" in National Conference IME-2010 at J.T. Mahajan College of Engineering, Faizpur on Jan 28-29, 2010.
2. Anil R. Acharya, Ashok T. Pise, and Vijay Raka "Augmentation of Boiling Heat Transfer using Nano-fluids, Surfactants", International Conference on Advances in Engineering and Technology, at SKN Sinhgad Institute of Technology and Science Lonavala, Pune, India, 15-17 May 2013.
3. Kazi Samir, Diwan Altamesh, Kolekar Amol, Raka V. B., "Design and Fabrication of Reverse Gear System for Handicapped person Vehicle", Proceedings of National

Conference on 'Mechanical Engineering in Next Decade', NC-MEND 2017, Organised by Department of Mechanical Engg., Govt. College of Engineering, Karad March 10-11, 2017 pp40-43.

4. Sanket P. Mahadik, Madhavi S. Harne, V. B. Raka, "Study on the Effect of Austempering Temperature and Time on the Corrosion Resistance of Carbide Austempered Ductile Iron (CADI) material", Proceedings of National Conference on 'Mechanical Engineering in Next Decade', NC-MEND 2017, Organised by Department of Mechanical Engg., Govt. College of Engineering, Karad March 10-11, 2017 pp171-176.
5. Vaibhav V. Nemane, A. G. Buibhar, S. A. Sonwane, V. B. Raka, "Tribological Behaviour of PTFE and its Composites", Proceedings of National Conference on 'Mechanical Engineering in Next Decade', NC-MEND 2017, Organised by Department of Mechanical Engg., Govt. College of Engineering, Karad March 10-11, 2017 pp226-231.

➤ **Short Term Courses and Technical Symposium Organized**

1. Worked as Organizer committee member of **MECH FEST-05** event (National Level Technical Symposium) at *Government College of Engineering, Aurangabad*, 02nd – 3rd April 2005.
2. Worked as Organizer for Two day short-term training program on "**Research Methodologies and Report Writing**" at *Mechanical Engineering Department, Government College of Engineering, Aurangabad*, 18th -19th February 2006.
3. Worked as Organizer committee member of **Technozance-2010, Technozance-2011, & Technozance-2012** event (National Level Technical Symposium) at *Government College of Engineering, Karad*.
4. Worked as Organizer committee member in Two Week Staff Development Programme (SDP) on "Recent Trends in Heat Exchangers" during 21st Dec 2009 to 2nd Jan 2009 at *Government College of Engineering, Karad*.
5. Worked as Organizer committee member in One Week SDP on "Computational Fluid Dynamics" during 28th March 2013 to 1st April 2013 at *Government College of Engineering, Karad*

6. Worked as Organizer committee member in One Week STTP on “Recent Trends in Non-Conventional Energy with the focus on Solar & Wind Energy” during 25th May 2015 to 29th May 2015 at *Government College of Engineering, Karad*
7. Worked as Co coordinator for One week STTP on ‘Fundamentals & Application of Experimental & Computational Fluid Dynamics (CFD)’ under TEQIP – III during 5th March 2018 to 9th March 2018.
8. Worked as Organizer committee member in International Winter Academy – 2018 (IWA-2018) under TEQIP-III during 13th – 21st Dec, 2018.
9. Worked as organizing committee member for One week STTP on ‘Advances & Practices in Power Generation Systems’ under TEQIP – III during 9th Dec, 2019 to 13th Dec, 2019
10. Worked as member for One week online FDP on “Outcome Based Education: A step towards excellence” sponsored by AICTE under Margadarshan scheme, during 11th May, 2020 to 15th May, 2020 (using Cisco Webex Platform)
11. Worked as organizing committee member for One week online FDP on ‘Applications of FEA and CFD using ANSYS’ under TEQIP – III during 13th June, 2020 to 17th June, 2020 (using Cisco Webex Platform)
- 12.

➤ **Short Term Training Programmes / Faculty Development programmes participated**

Sr. No.	Name of Training / STTP	Organizer	Venue	From	To
1	Mathematical Modeling: Concepts & Applications (1 Week)	Department of Civil Engg	IIT, Delhi	23 rd June 2003	27 th June 2003
2	Experimental Techniques for Whole field Stress Analysis (1 Week)	Mechanical Engineering Department	North Eastern Regional Institute of Science & Technology, Nirjuli, Arunachal Pradesh	27 th Oct 2003	31 st Oct 2003
3	Induction Training Programme for Engg College Teachers (2 Week)	NITTTR, Bhopal	Govt. College of Engineering, Aurangabad	05 th Dec 2005	17 th Dec 2005
4	Modeling and Simulation of Engineering Systems in Multi Energy Domains (1 Week)	Mechanical Engineering Department	Govt. College of Engineering, Aurangabad	9 th Jan 2006	15 th Jan 2006

5	SDP on Recent Trends in Heat Exchangers (2 Week)	Mechanical Department	Govt. College of Engineering, Karad	21 st Dec 2009	02 nd Jan 2010
6	Induction Training Programme (ITP) (2Week)	DTE, Mumbai	NITTTR Extension centre, Pune	05 th July 2010	16 th July 2010
7	Effective Teaching Methodology (1 Week)	NIT, Karnataka, Surathkal	Govt. Engineering College, Goa	13 th June 2011	17 th June 2011
8	Computational Fluid Dynamics (1 Week)	Mechanical Engineering Department	Govt. College of Engineering, Karad	28 th March 2013	1 st April 2013
9	MATLAB Applications in Engineering and Science (1 Week)	Electrical Engineering Department	Govt. College of Engineering, Karad	20 th May 2013	24 th May 2013
10	Mathematical Methods for Science and Engineering Using Soft Computing Tools (2 Weeks)	Dept. of Mathematics	Govt. College of Engineering, Karad	2 nd Dec 2013	13 th Dec 2013
11	Total Quality Management ISO 9000 and Basics of NBA Accreditation in Technical Institute (1 Week)	Entrepreneurship Development & Industrial Coordination Dept	NITTTR, Chandigarh	5 th May 2014	9 th May 2014
12	Recent Trends in Non-Conventional Energy with the focus on Solar & Wind Energy	Mechanical Engineering Department (TEQIP-II)	Govt. College of Engineering, Karad	25 th May 2015	29 th May 2015
13	MATLAB & Simulink: Learning by doing (2 Week)	Electrical Department (TEQIP-II)	Govt. College of Engineering, Karad	6 th June 2016	18 th June 2016
14	Advances in Applied Mathematics to Engineering (2 Week)	Mathematics Department (TEQIP-III)	Govt. College of Engineering, Karad	11 th Dec 2017	22 th Dec 2017
15	Analytical and Experimental Methods in Vibrations	Mechanical Department (TEQIP-III)	Govt. College of Engineering, Karad	26 th Feb 2018	2 nd March 2018
16	Iot & Mechatronics: Hands-on training on Rasberry Pi	Mechanical Department (TEQIP-III)	Govt. College of Engineering, Karad	25 th June 2018	29 th June 2018

17	Advances & Practices in Power Generation Systems	Mechanical Department (TEQIP-III)	Govt. College of Engineering, Karad	9 th Dec, 2019	13 th Dec, 2019
18	Two days online FDP on “Innovation & Optimization Techniques in Mechanical Engg”	Mechanical Department (TEQIP-III)	Rajkiya Engineering College, Azamgarh & Govt. CoE, Karad	20 th April, 2020	21 st April, 2020
19	One week online FDP on “Advances in Civil and Structural Engineering (ACSE-2020)”	Civil Dept & Applied Mechanics Dept (TEQIP- III)	Govt. College of Engineering, Karad & Govt. College of Engg, Nagpur	15 th June 2020	19 th June 2020

➤ **Other Training Programmes / courses attended / participated**

Sr. No.	Name of Training / STTP	Organizer	Venue	From	To
1	Comprehensive CNC Turning & CNC Milling Training Course using MTAB Equipment (1 Week)	MTAB-DENFORD Technology Centre	Chennai	4 th Aug 2003	8 th Aug 2003
2	Certified Course in TQM (1 Week)	App. Mechanics Dept, &Asian Institute of Quality Mgmt, Pune	Govt. College of Engineering, Aurangabad	8 th Oct 2007	14 th Oct 2007
3	Certificate Course on Nanotechnology (1 Week)	University Department of Chemical Tech, Jalgaon	North Maharashtra University, Jalgaon	11 th May 2010	15 th May 2010
4	Management Capacity Enhancement Programme (2 Week)	MHRD’s National m Mission	IIM, Indore	9 th July 2013	18 th July 2013
5	International Winter Academy – 2018	Mechanical Department	Govt. College of Engg, Karad	13 th Dec, 2018	21 st Dec, 2018
6	Art of Living	Electrical Department	Govt. College of Engg, Karad	15 th July 2019	20 th July, 2019
7	Executive Training Programme on Art of Living	Govt. College of Engg, Jalgaon & Govt. College of Engg, Kalahandi Orisa	International Center Art of Living, Kanakapura Road, Bangalore	5 th Dec, 2019	7 th Dec, 2019

➤ **Workshops participated in chronological order**

Sr. No.	Name of Workshop	Organizer	Venue	On
1	One day Workshop on 'Revised Syllabi of Energy Conversion at Second Engineering (Mechanical / Production)	Dr. Babasaheb Ambedkar Marathwada University, Aurangabad	Marathwada Institute of Technology, Aurangabad	20/08/2003
2	One day Training Workshop on 'MATLAB for Computer Engineers' Under TEQIP	Govt. CoE, Aurangabad	Dept. of CSE, GCE, Aurangabad	02/09/2005
3	One day Workshop on "Designing Student Conducted Studies" (under TEQIP-Networking of Institutes)	Govt. College of Engineering, Aurangabad	Dept. of CSE, GCE, Aurangabad	30/07/2006
4	One day Workshop on Teaching Methodology for T.E (Mechanical-Revised) Part I&II	Shivaji University, Kolhapur	PVPIT CoE, Bhudgaon, Sangli	01/08/2009
5	One day Workshop on 'Curriculum Development of First Year Engg, Shivaji University, Kolhapur'	Shivaji University, Kolhapur	Dr. Daulatrao Aher CoE, Banawadi, Karad	16/02/2013
6	One day Workshop on 'Term-work Software Training'	Shivaji University, Kolhapur	Shivaji University, Kolhapur	05/11/2014
7	One day workshop on 'New Point Based Local Enquiry Committee (LIC) report format for University affiliated colleges'	KIT College of Engg Kolhapur & Shivaji University, Kolhapur	KIT's College of Engg, Kolhapur	16/11/2017
8	One day Training on 'AISHE survey 2019-20'	Chatrapati Shahu Institute of Business Education & Research (CSIBER) & Statistical cell, SU Kolhapur	CSIBER, Kolhapur	17/01/2020

➤ **List of Industrial Visits organized and/or visited**

Sr. No.	Date	Name of Industry with address	Class	No. of Students
1	01/10/2008	Kirloskar Brothers Ltd, Kirloskarwadi, Dist. Sangli	SE (Mech)	55
2	03/10/2008	Laxmi Tools, Shirol MIDC, Kolhapur	TE (Mech)	58
3	03/10/2008	PrecitechEngg, Shirol MIDC, Kolhapur	TE (Mech)	58
4	03/10/2008	Budhale&Budhale Ltd, MIDC, Kolhapur	TE (Mech)	58
5	30/01/2009	RajarambapuPatil S.S.K. Ltd,	FE (E&TC) &	130

		Rajaramnagar, DistSangli, &	FE (IT)	
6	30/01/2009	RajarambapuPatilSahakariDudhSangh Ltd., MIDC, Islampur	FE (E&TC) & FE (IT)	130
7	12/02/2009	Warana Co-operative Sugar Factory, Warnanagar, Kolhapur &Warna Milk Processing Factory	FE (Mech) & FE (Electrical)	130
8	12/10/2010	M/s GhadgePatil Industries Ltd., Uchgaon, Dist. Kolhapur	SE (Mech)	65
9	04/03/2011 05/03/2011	Tarapur Nuclear Power Station, Tarapur, Dist. Thane	BE (Mech)	65
10	25/03/2011	Hydro Electric Power Station, Kalamwadi, Dist. Kolhapur	FE (Civil)	65
11	29/03/2011	Hydro-Electric Power Station, Chandoli, Dist. Sangli	FE (IT)	65
12	28/07/2011	KoynaSahakariDoodh Sang Ltd., Khodshi, Karad	BE (Mech)	40
13	10/10/2011	Volkswagen Group India, Chakan, Pune	BE (Mech)	65
14	15/10/2011	Hind Gear RND Industries Ltd., Shirol MIDC, Kolhapur	TE (Mech)	70
15	17/03/2012	ChatrapatiShahuRayatSakharUdyog, Shedgewadi (Mhasoli), Tal. Karad, Dist. Satara	FE (Mech) & FE (IT)	130
16	17/03/2012	Hydro Electric Power Station, Chandoli, Dist. Sangali	FE (Mech) & FE (IT)	130
17	03/10/2012	Caspro Metal Industries Pvt Ltd, Shirol MIDC, Dist. Kolhapur	SE (Mech)	65
18	03/10/2012	Shriram Foundry, Shirol MIDC, Dist. Kolhapur	SE (Mech)	65
19	03/10/2012	Shree Tatyasaheb Kore Sahakari Sakhar Karkhana Ltd, Warnanagar, Tal Panhala, Dist. Kolhapur	SE (Mech)	65
20	13/10/2012	TATA MOTORS LTD, Pimpri, Pune	TE (Mech)	60
21	22/03/2013	Hydro Electric Power Station, Chaldoli, Tal. Walwa, Dist. Sangli	FE (Electrical) & FE (E&TC)	120
22	08/10/2013	Shagun Industries Pvt. Ltd, Bhor MIDC, Pune	SE (Mech)	65
23	09/10/2013	Nasik Thermal Power Station, Eklahare, Nasik	SE (Mech)	65
24	17/10/2015	Nasik Thermal Power Station, Eklahare, Nasik	SE (Mech)	48
25	09/11/2019	Emerson Climate Technology, Atit	Staffs + M.Tech Students	17

26	12/12/2019	Hydroelectric Power Station, Koyna	Staffs + M.Tech Students	40
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➤ **List of Project & Dissertation guided**

Sr.	Year	Name of Students	Project Title
1	2004-05	-	Pick & Place material Handling Arm
2	2008-09	Akash H. Barhe Sagar D. Kolrhawade Amol V. Ghuge Sandip R. Badgujar Rajesh L. Ghuge	CFD Analysis of Heat Transfer by Natural Convection on Vertical cylinder
3	2009-10	Abujayyed J. Bagwan Amale Nitin Rajaram Rayte Poonam N. Garje Ashish Sandip	Design & Fabrication of Material Handling Mechanical Crane
4	2010-11	Rasane Rahi C. Bhagwat Ramesh R. Kanase Vikas S. Vasagade Vijay G	Design of Overload Slip- Ball Clutch
5	2010-11	Kiran Mane Audumbar Patil Swapnil Tambekar Suryahas Yadav Ashwin Munde	Water injection in Two stroke SI engine
6	2011-12	Santosh Shendage Sundarraaj Ambesinge Nitin Gaikawad Vasudha Mane Asmita Kasabe	89552 Microcontroller based Home Security System with moving Robo
7	2012-13	Dey Chandramouli P. Gijare Tejas S. Chouthkanthiwar Mandar Hurdale Onkar J. Godase Mayur M.	Variable Speed Right Angled Drive
8	2013-14	Bagul Somnath Rodu Kankal Govind Shriram Pawar Harish Pralhadrao Waghmore Nikhil Sanjay Rupnawar Pravin Kantilal	Fabrication & Analysis of Double Hook Joint Apparatus

9	2014-15	Suraj Ambi Sushil Baviskar Sunil Pardeshi Rushikesh Kasat Satish Bhosale	Design & Manufacturing of Cycloidal Gearbox
10	2015-16	Magdum Yogesh Ganapati Namdas Avinash Sopan Patil Sushant Shivaji Pethe Nagesh Pundlik	Experimental and Numerical Study of Performance of Aerodynamic Shapes
11	2016-17	Sameer Kazi Papamiya Diwan Altmansh Imtihaj Kolekar Amol Vasant Kale Nagraj Chandrakant Hogade Jeevan Shankar	Design and Fabrication of Reverse Gear System in Moped of Handicapped Person
12	2017-18	Omkar C. Kulkarni Bagwan Sohel Yusuf Suraj P. Patil Girish M. Dhanawade	Design & Fabrication of Chairless Chair
13	2018-19	Patil Vaibhav Bhaskar Chaure Vijay Ashok Deshmukh Vikas Dnyanoba Damase Yogesh Jayendra Vishal Karma Gaikwad	Study of Emission & Performance Characteristic of Ethenol blends with Gasoline on VCR engine

➤ **Dissertation guided**

“Effect of Molybdenum di sulphide MoS_2 on PTFE by Govindsingh Dipchand Dhirkassi in 2007 M.E. (Mechanical Design) students of GCOE Aurangabad

➤ **Dissertation Examined**

Sr	Date of Exam	Name of Candidate	Title of Dissertation	Centre
1	16/01/2013	Deshmukh Dipak Achapalrao	Analysis and Investigation on Effect of Process Parameters for Machining of EN-31 material by EDM (Guide: M. S. Harne)	Mechanical Department, GCE, A'bad
2	22/02/2013	Farooqui Aubair Saifuddin	Power Train Performance for CNG Engine Application (Guide: M. G. Rathi)	Mechanical Department, GCE, A'bad

3	22/02/2013	Golegaonkar Dhananjay Suhakar	Overall Increase in Productivity using Genetic Algorithm based Optimization Technique in Milling Process (Guide: Dr. R. K. Shrivastava)	Mechanical Department, GCE, A'bad
4	30/12/2015	Pawar Mahendra Ashok	Effect of Micro-Structure on Wear Behavior of Carbide Austempered Ductile Iron (CADI) (Guide: M. S. Harne)	Mechanical Department, GCE, A'bad
5	27/01/2017	Mahadik Sanket Prakash	Study on Effect of Austempering Temperature and Time on Corrosion Resistance of CADI material (Guide: M. S. Harne)	Mechanical Department, GCE, A'bad

➤ **Additional Portfolio's handled / Work done**

1. Worked as committee member for various admission processes for First Year Engg and Direct Second Year Engg. Admission process. 2002 to 2005
2. Worked as Assistant Controller of Examinations at Government College of Engineering, Aurangabad (An Autonomous Institute of Government of Maharashtra) since 01/08/2006 to 31/07/2008) @ 2 years, doing various administrative type work.
3. Worked as active member on various port folios in presenting the department for NBA accreditation, at Govt. College of Engg., Aurangabad.(In 2006)
4. Worked as Technical Zonal Officer Twice, & Result Counting Officer, for 33, Aurangabad Loksabha Constituency Elections 2004 and *Vidhansabha Constituency* election 2004.
5. Worked as Presiding Officer for 260, Karad South Assembly General Elections 2009.
6. Worked as Zonal Officer, & Result Counting Officer, for 260, Karad (S) Loksabha Constituency Elections 2014.
7. Worked as Zonal Officer for 259 Karad North Legislative Assembly General Election 2019 for Zone no 30 Padali Healgaon.
8. Worked as Member in ETBPS counting Officer, for 45 Satara, Parliamentary Constituency General Elections 2019
9. Worked as Warden for Boys Hostel with capacity of 180 students for 5 years (Sept 2009 to July 2014)

10. Worked as Member in Scrutiny of Original documents & Eligibility of students admitted in First Year Engg for various colleges in Aided / Pvt institutes in Pune region at Regional Office of DTE, Pune during 12/12/2011 to 25/12/2011.
11. Worked as Member (along with Rajesh S. Mawale) in Scrutiny of Original documents & Eligibility of students admitted in First Year Engg for various colleges in Aided / Pvt institutes in Pune region at Regional Office of DTE, Pune during 15/11/2018 to 17/11/2018, 30/11/2018 to 01/12/2018, and 05/12/2018.
12. Worked as member in Internal Physical verification of dead stock items for Hostel Department in May 2011
13. Worked as member in Internal Physical verification of dead stock items for MCA Department in May 2012
14. Worked as member in Internal Physical verification of dead stock items for MCA Department in May 2013
15. Worked as member in Internal Physical verification of dead stock items for Applied Mechanics Department in April 2015
16. Worked as member in Internal Physical verification of dead stock items for Electrical Department in May 2016
17. Worked as member in Internal Physical verification of dead stock items for Electrical Department in May 2017 (Verify)
18. Worked as Observer in conduction of MHTCET 2013 exam for Satara District under DTE, Mumbai & Office of Collector, Satara
19. Worked as Class teacher for S.E. (Mechanical) class for last 4 years (2010 to 2013)
20. Worked as departmental coordinator for NBA Accreditation process & preparation of Self-Assessment Report (SAR) Tier-II. (2014)
21. Worked as member for PG NBA Accreditation process & collection of data for Self-Assessment Report (SAR) Tier-II. (2016)
22. Worked as member for Scrutiny of application form for Recruitment of Contact Basis Assistant Prof. (Mechanical & Metallurgy) in May 2016
23. Worked as member for Scrutiny of application form for Recruitment of Contact Basis Professor, Associate Prof. & Assistant Prof. (Mechanical / Metallurgy) in Aug 2016
24. Worked as ADLO (Additional District Liaison officer) for MHT-CET 2016, MHTCET-2017, & MHTCET-2018 entrance Examination for engineering admission.
25. Worked as member for Scrutiny of application form for Admission process of First year Engg 2016-17 in ARC at Govt. CoE, Karad (June to July 2016)

26. Worked as member for Scrutiny of application form for Admission process of First year Engg 2017-18 in ARC at Govt. CoE, Karad (June to July 2017)
27. Worked as member for Scrutiny of application form for Admission process of First year Engg 2018-19 in ARC at Govt. CoE, Karad (June to July 2018)
28. Worked as member for Scrutiny of application form for Admission process of First year Engg 2019-20 in ARC at Govt. CoE, Karad (June to July 2019)
29. Worked as Internal Senior Supervisor of SUK exam during 09/11/2009 to 23/11/2009
30. Worked as External Senior Supervisor of SUK exam during 12/05/2012 to 19/05/2012 @ Shree Santkrupa College of Pharmacy, Ghogaon, Karad
31. Worked as External Senior Supervisor of SUK exam during 24/05/2013 to 10/06/2013 @ Dr. Daulatrao Aher CoE, Banwadi, Karad
32. Worked as External Senior Supervisor (E-mode) of SUK exam during 18/12/2013 to 31/12/2013 @ GCE, Karad
33. Worked as Panelist in the event of “Technical Paper presentation” held in QUEST 2011 a National Level Technical Symposium organized by Karmaveer Bhaurao Patil CoE, Satara (16th – 18th March 2011)
34. Worked as Chairman as well as Coordinator for Physical Verification of Central Library, GCE Karad during 2015 to 2017.
35. Worked as Departmental Co-ordinator for conducting GATE classes of TE & BE (Mech) students for GATE 2016, GATE 2017, GATE 2019, GATE 2020.
36. Worked as Nodal officer for an annual web based All India Survey on Higher Education (AISHE), an initiative driven by MHRD for year 2017-18, 2018-19.
37. Worked as In-charge of CAD/CAM lab, and Computer Lab, and responsible for overall development and maintenance of both the labs of Mechanical Dept Govt. College of Engg, Karad for 10 consecutive years (Sept. 2008 to April 2018).
38. Worked as Departmental coordinator to fill on-line TW/PR exam marks on Shivaji University web site consecutively for 10 years. (Sept. 2008 to April 2018).
39. Worked as co-ordinator to fill questionnaire for ‘Evaluation of impact of DST-FIST programme’ April 2019.
40. Worked as member to complete the Academic Audit for 2016-17, 2018-19 on point Academic Facilities Dec 2019.
41. Verified course registration data of F. Y. B. Tech (Mechanical) 2019-20 batch in MIS on Sept 26, 2019.
42. Worked as member in First year Students-Parents meet held on Saturday 30/11/2019.

43. Prepared draft syllabus for courses a) Strength of Material b) Machine Drawing and CAD c) Machine Drawing & CAD lab during 1-15th Jan 2020.
44. Worked as member in Avishkar-20 held on 29th Feb 2020 to 1st March, 2020.

➤ **Presently Doing**

1. Presently working as Assit. Prof. in Mechanical Engineering Department (Associate CAS), at Government College of Engineering, Karad on regular basis.
2. Working as First year coordinator related to subjects of Mechanical department
3. Working as coordinator to allot internet facility to students & staff.
4. Working as Academic coordinator for Mechanical department
5. Working as coordinator for extra remuneration of visiting faculties since 2009 till date
6. Working as Nodal Officer of AISHE (All India Survey for Higher Education) an initiation by MHRDE, Govt. of India since 2017 till date.
7. Working as coordinator of LIC visit related to Shivaji University, Kolhapur since 2017
8. Working as co-coordinator for NBA accreditation for all courses.
9. Working as departmental GATE coordinator for conducting GATE classes since 2016.
10. Conducting Industrial Visit for U.G. students of concern class years on.
11. Any work assigned by Principal / Head of Department from time to time.

➤ **Guided one Dissertation at P.G. Level and several Projects at U.G. Level.**

➤ **Subjects taught / teaching (UG)**

1. Engg Graphics
2. Analysis of Mechanical Elements
3. Machine Design – I
4. Basic Mechanical Engineering
5. Machine Drawing

➤ **Subjects taught / teaching (PG)**

1. Tribology

Declaration: The above information given is true.

Date: 30/06/2020

Place: Karad

Signature

(Vijaykumar B. Raka)