

Curriculum Vitae



Name Dr Kondekal Manjunatha

Father's Name Maregouda M B

Date of Birth 01-01-1982

Address **(a) Office Address:**
Associate Professor
Department of Mechanical Engineering
Rao Bahadur.Y. Mahabaleshwarappa Engineering College,
Bellary-583104; Karnataka-State
Ph: 08392-242148; 244809.
(b) Residence Address:
Dr Kondekal Manjunatha
Sri Colony
Plot No:52,opp TMG Classic Palms Layout
Near Nani Godowns,Havambhavi
Bellary (District)-583104
Cell: +91-7090511300
E-mail: manju.btl@gmail.com

Educational Qualification

:

| Degree Awarded | University/Institution | Year of Degree Awarded |
|---|---|-------------------------------|
| PhD. (Internal Combustion Engines) | Visvesvaraya Technological University Jnana Sangama, Belagavi Karnataka, India. | 2017 |
| MTech. (Thermal Power Engineering) | P.D.A College of Engineering, Gulbarga, Visvesvaraya Technological University Jnana Sangama, Belagavi Karnataka, India. | 2006 First Class |
| BE. (Mechanical Engineering) | Bellary Institute of Technology and Management, Formerly Bellary Engineering College, Bellary-583104, Visvesvaraya Technological University Jnana Sangama, Belagavi, Karnataka, India. | 2004 First Class |

Professional Career (Update Chronological Engineering Career)

Professional career from the past 17 years to the latest

| Designation (S) of Post (S) Held | Name and Address of Employer | From (Date) | To (Date) |
|---|--|--------------------|------------------|
| Lecturer | GSS Institute of Technology, Bangalore | 02-02 -2006 | 05-02-2007 |
| Lecturer | BTL Institute of Technology, Bangalore | 09-02-2007 | 31-01-2008 |
| Lecturer | JSSA Technical Education, Bangalore | 01-02-2008 | 31-07-2010 |
| Assistant Professor | R.Y.M.Engineering College, Bellary | 02-08-2010 | 30-11-2018 |
| Associate Professor | R.Y.M.Engineering College, Bellary | 01-12-2018 | Till Date |

Teaching Experience : Working Since From 02-02-2006

: Total Service: 17 years.

Institute Level Works

- 1)NIRF CO-ORDINATOR
- 2)NBA CO-ORDINATOR
- 3)NACC CO-ORDINATOR
- 4)AICTE 360 DEGREE CONVENER
- 5) I-14 FEED BACK FROM THE STAKE HOLDERS CONVENER
- 6) MOOC CONVENER
- 7) IQAC CO-ORDINATOR

Department Level Works

- 1)NIRF CO-ORDINATOR
- 2)NBA CO-ORDINATOR
- 3)NACC CO-ORDINATOR
- 4) MAIN LIBRARY CO-ORDINATOR
- 5) RESEARCH PROPOSAL CO-ORDINATOR
- 6) EDC CELL CO-ORDINATOR
- 7) CRITERIA-7 CO-ORDINATOR
- 8) EC LAB INCHARGE
- 9) PG LAB 1&2 INCHARGE
- 10)INTERNAL TEST COORDINATOR
- 11) INTERNAL QP QUALITY COORDINATOR

Books Published

| Sl. No. | Title | Author/s | Year of Publication | Name of the Publisher/s |
|---------|---|------------------------|---------------------|-----------------------------|
| 1 | Biofuels | Dr Kondekal Manjunatha | 2022 | LAMBERT Academic Publishing |
| 2 | Fundamentals of Manufacturing Processes | Dr Kondekal Manjunatha | 2022 | SWAYAM AICTE |

Member of Professional Bodies

1. Member for **Indian Society for Technical Education.LM-111317**
2. Member for **International Society for Research and Development with Life Time**
Membership No: **M4150902268**.
3. Editorial Board Member in **Seventh Sense Research Group and SSRG International Journal of Mechanical Engineering** with ID NO : **SSRG- IJME-1087**.
4. Member for **World Academy of Science, Engineering and Technology**, International Scientific Committee and Editorial Review Board on Mechanical and Mechatronics Engineering,International Scientific Committee PO Box 982, Riverside, Connetticut, CT 06878, **USA**.
5. Member for **International Institute of Engineers and Researchers**, Kolkata, **Istanbul Turkey,Selangor Malaysia**.
6. Conference Technical Committee Member , 2nd **International Conference on Mechanical, Aeronautics and Automotive engineering (ICMAA 2015),Penag, Malaysia**, September3-

4,2015,International Academy of Computer Technology (IACT),icmaa@iact.net ,
3308 N Mayfield Ave, San Bernardino, CA 92405.

7. Reviewer for **Taylor and Francis**, Green Energy Journal Paper.
8. Reviewer for **SAE INDIA** International Mobility Conference SIIMC 2016.
9. Editorial Board Member for **International Journal of Civil, Mechanical and Energy Science (IJCMES)**, Thomson Reuters Researcher ID: B-5254-2016, ORCID: 0000-0002-6814-6386, Infogain Publication, Hauz Khas, New Delhi-110 016, Infogain Publication, Pratap Nagar, Jaipur-302 033, INDIA.
10. Editorial Board Member for **International Journal of Mechanical Engineering and Automation** (Print ISSN: 2333-9179; Online ISSN: 2333-9187), 19138 EAST WALNUT DRIVE #102, ROWLAND HEIGHTS, CA 91748, USA, Telephone: 1-626-539-8009, E-mail: info@ethanpublishing.com.
11. Reviewer for **Journal of Energy and Power Engineering David Publishing Company**, 616 Corporate Way, Suite 2-4876, Valley Cottage, NY 10989, USA TEL: 323-984-7526, FAX: 323-984-7374, <http://www.davidpublisher.com>, order@davidpublishing.com.
12. Editorial Board Member for **VSRD International Journal of Mechanical, Civil, Automobile & Production Engineering**, VISUAL SOFT (INDIA) PVT. LTD., VSRD International Journals Division, 340, First Floor, Adarsh Nagar, Oshiwara, Andheri(W) Mumbai - 400053 (Maharashtra) (India) Mob. : +91 99561 27040, Ph. : 022-23465537.
13. Reviewer for **Asian Journal of Engineering and Technology** (ISSN: 2321-2462) Journal Paper, Asian Online Journals.
14. Reviewer for **IJRME-International Journal for Research in Mechanical Engineering** with Reviewer ID : RVI15ME81352.

15. Member for **The Association for Science, Education and Technology (TASET)**, Sakarya University, Sakarya, TURKEY.
16. Reviewer for **International Journal of Mechanical Engineering Research** , FOREX Publication-International Journals Publisher, **New Delhi | Taiwan | New York**.
17. Reviewer for **Advances in Science, Technology and Engineering Systems Journal** with **Reviewer ID : RVEMU0071, United States, United Kingdom**.
18. Thomson Reuters Researcher ID : **S-5477-2017**
19. Scopus Mendeley Researcher ID : **57194034744**.
20. Reviewer for **World Journal of Engineering** , Manuscript Central Support, Emerald Group Publishing Limited, Howard House, Bingley, West Yorkshire, BD16 1WA, UK.
21. Author ORCID ID : **0000-0002-8342-5797**.
22. Reviewer for **Energy Efficiency** ISSN: 1570-646X (print version), ISSN: 1570-6478 (electronic version) , Journal no. 12053, **Springer Publication**.
23. Reviewer for **Energy Sources, Part A: Recovery, Utilization, and Environmental Effects** Taylor & Francis Group, 325 Chestnut Street, Suite 800, Philadelphia, PA 19106, www.tandfonline.com.
24. Reviewer for **Heat Transfer –Asian Research**, Edited By: William M. Worek Online ISSN:1523-1496, © Wiley Periodicals, Inc. Michelle Bayman, John Wiley & Sons, Inc., 111 River St., Hoboken, NJ 07030-5774 , USA , HTJeditorial@wiley.com.
25. Web of Science Researcher ID **S-5477-2017**.

26. **Research Supervisor** with ID No 563 (**VTU0719563**) in Visvesvaraya Technological University, Jnana Sangama, Belagavi, Karnataka, India.
27. **Bentham ambassador 2019-2020 from INDIA** to Bentham Science Publishers, Executive Suite Y – 2, Building Y Saif Zone, Sharjah, U.A.E.
28. Editorial Board Member for “2nd International Conference and Exhibition on Aerospace & Aeronautical Engineering” which is scheduled to be held during July 13-14, 2020 at Krakow, **Poland**.
29. Reviewer for **International Journal of Energy and Environmental Science**, ISSN Print: 2578-9538, ISSN Online: 2578-9546, 1 Rockefeller Plaza, 10th and 11th Floors, New York, NY 10020 **U.S.A** from 04/03/2020 and Reviewer ID : 10376846.
30. Editorial Board Member for **American Journal of Science, Engineering and Technology**, ISSN Print: 2578-8345, ISSN Online: 2578-8353, 1 Rockefeller Plaza, 10th and 11th Floors, New York, NY 10020 U.S.A from 04/03/2020 and Editorial Board Member ID : 10376843.
31. Editorial Board Member for **East African Scholars Journal of Engineering and Computer Sciences** EAS Publisher (East African Scholars Publisher) is an international scholar’s publisher for open access scientific journals in both print and online publishing from Kenya. ISSN(Print) : 2617-4480 ,ISSN(Online) : 2663-0346 from 07/03/2020.
32. Reviewer for **East African Scholars Journal of Engineering and Computer Sciences** EAS Publisher (East African Scholars Publisher) is an international scholar’s publisher for open access scientific journals in both print and online publishing from Kenya. ISSN(Print) : 2617-4480 ,ISSN(Online) : 2663-0346 from 07/03/2020.
33. Reviewer for [IJSTEM] New notification from International Journal of Science, Technology, Engineering and Management - A VTU Publication, Visvesvaraya Technological University Jnana Sangama, Belagavi, Karnataka, India.
34. Reviewer for Energy Journal, Elsevier Ltd.

Elsevier (Science direct) Publications (11)

1. Manjunatha K, et.al. **“Combustion analysis of modified inverted "m" type piston for diesel engine with platinum coating and without coating by using CFD”**, Materials Today: Proceedings, vol. 4, issue 2 (2017) pp. 2333-2340, ISSN: 2214-7853, <https://doi.org/10.1016/j.matpr.2017.02.082> Published by Elsevier Ltd.
2. Manjunatha K, et.al. **“Investigation of a Diesel Engine with Ceramic and platinum coated piston using Canola oil, Soyabean oil and Palm oil blended with Ethanol”**, Materials Today: Proceedings, vol. 4, issue 2 (2017) pp. 725-733, ISSN: 2214-7853, <https://doi.org/10.1016/j.matpr.2017.01.078> Published by Elsevier Ltd.
3. Manjunatha K, et.al. **“Comparison of Aldehyde Emissions in Alcohols blended with Vegetable oils fuelled C I engine using with and without Ceramic and Platinum Coated Pistons”**, Materials Today: Proceedings, Volume 4, Issue 8,2017,Pages 9304-9315, ISSN: 2214-7853, <https://doi.org/10.1016/j.matpr.2017.07.290>,Published by Elsevier Ltd.
4. Manjunatha K, et.al. **“Design and Development of a New Piston using Nimonic Alloy 80A for Low Cetane Fuels usage in CI Engines”**, Materials Today: Proceedings, Volume 4, Issue 8, 2017, Pages 9284-9293, ISSN: 2214-7853, <https://doi.org/10.1016/j.matpr.2017.07.288>,Published by Elsevier Ltd.

5. Manjunatha K, et.al. **“Analysis and comparison of performance and emissions of compression ignition engine fuelled with diesel and different bio-fuels blended with Methanol”** Materials Today: Proceedings, Volume 5, Issue 2, 2018, Pages 5175-5185, ISSN: 2214-7853, Published by Elsevier Ltd.

6. Manjunatha K, et.al. **“Performance And Emission Characteristic of A Multicylinder DI Diesel Engine running On Diesel And Biofuels blended with Methanol”** Materials Today: Proceedings, Volume 5, Issue 2, 2018, Pages 3325-3333, ISSN: 2214-7853, Published by Elsevier Ltd.

7. Manjunatha K, et.al. **“Investigation and assessment of performance and emissions of an IC engine fuelled with diesel and different bio-fuels blended with Ethanol”** Materials Today: Proceedings, Volume 5, Issue 2, 2018, Pages 6238-6246, ISSN: 2214-7853, Published by Elsevier Ltd.

8. Manjunatha K, et.al. **“Common rail twin cylinder diesel engine performance and emission running on Vegetable oils blended with Ethanol”** Materials Today: Proceedings, Volume 5, Issue 2, 2018, Pages 6268-6278, ISSN: 2214-7853, Published by Elsevier Ltd.

9. Manjunatha K, et.al. **“Experimental study on performance and emissions of a turbocharged diesel engine fuelled with diesel and Vegetable oils blended with Ethanol”** Materials Today: Proceedings, Volume 5, Issue 2, 2018, Pages 6288-6296, ISSN: 2214-7853, Published by Elsevier Ltd.

10. Manjunatha K, et.al. “ **Investigation of effect of ceramic material over which platinum coated piston crown and alcohols mixed with vegetable oils and its performance evaluation in Twin cylinder CRDI diesel engine**” Materials Today Proceedings, Volume 47, Part 10, 2021, Pages 2585-2591, Published by Elsevier Ltd.

11. Manjunatha K, et.al. “**Effect of Gas Blockage on the Theoretical Performance of Thermoacoustic Refrigerators**” International Journal of Air-Conditioning and Refrigeration Vol. 29, No. 3 (2021) 2150026 (16 pages) © World Scientific Publishing Company DOI: 10.1142/S2010132521500267.

Number of Seminars/Workshops Attended

1. Attended training programme of “**Computer Aided Engg. Drawing**” in STJ Institute of Technology Ranebennur, Haveri Dist from 27th to 29th Sep. 2006.
2. Attended training programme of “**Computer Aided Machine Drawing**” in GAT Bangalore from 16th to 18th July 2007.
3. Attended One Day National Workshop on “**Innovation in Teaching and Research Methodology**” in New Horizon College of Engineering, Bangalore 8th Sep. 2007.
4. Attended training programme of “**FEM & PRACTICAL STRESS ANALYSIS**” in VTU, Belgum 8th to 12th March 2010.
5. Work shop on “**Emerging trends in mechanical engineering**” organized by New Horizon College of engineering, Bangalore, December 2011.
6. UGC Sponsored Two Day State Level Seminar on “**on-Conventional and Renewable Sources of Energy**” on 27th and 28th, July 2011, Smt. A.S.M. College for Women, Bellary, In Collaboration with R.Y.M. Engineering College, Bellary.
7. Faculty Development Program on “**Entrepreneurship**” in R V College of Engineering Bangalore, on 9-21 Jan. 2012.
8. Faculty Development Programme on “**Alternative Fuels for IC Engines**” in PDA College of Engineering, Gulbarga 12th to 16th March 2012.
9. Work shop on “**Zero Waste Management**” organized by JSSATE, Bangalore, 24th August 2012.
10. One day seminar on “**Alternative Energy Source and Alternative Fuels for IC engines**” Organized by the Department Of Mechanical Engineering Rao Bahadur.Y. Mahabaleswarappa Engineering College Bellary-583104 on 28th Sep 2013.
11. One day seminar on **Personality Development Programme**, Sri Sri Swamy Nirbhayananda Saraswathi Mahaswamiji, President, Ramakrishna Vivekananda Ashrama, Gadag, Organized By department of Mechanical and Industrial Production Engineering, Rao Bahadur.Y.

Mahabaleshwarappa Engineering College Bellary-583104, on 25th Feb 2014.

12. **“Emerging Trends in Mechanical and Production Engineering”** Dr. H.G. Hanumantharaju, Prof, U.V.C.E. Bangalore. Dr. B.P. Mahesh, Prof, JSSATE, Bangalore Organized by department of Mechanical and Industrial Production Engineering, Rao Bahadur.Y. Mahabaleshwarappa Engineering College Bellary-583104, on 08th Mar 2014.
13. Awareness Programme on **CAD/CAM/CAE/PLM** on Mr. Anudeep Vaggar, Cadmaxx Solutions, Bangalore Organized by department of Mechanical and Industrial Production Engineering, Rao Bahadur.Y. Mahabaleshwarappa Engineering College Bellary-583104, on 28th Mar 2014.
14. **Application of Value Engineering in Enhancing Quality of Production** Sri Ramprasad Cherkur, Consulting Engineer, Raytheon Inc., Organized by department of Mechanical and Industrial Production Engineering, Rao Bahadur.Y. Mahabaleshwarappa Engineering College Bellary-583104, on 31st Mar 2015.
15. Two Days Workshop on **“Industrial Applications of Hydraulics and Pneumatics”**, Mr. Ashok R Kulkarni of Freelance Trainer, Bangalore, Organized by department of Mechanical and Industrial Production Engineering, Rao Bahadur.Y. Mahabaleshwarappa Engineering College Bellary-583104, on 16th & 17th Oct 2015.
16. Three Day Workshop on **Engine Technology M/S Rectangle Automotive Technologies LLP**, Davanagere, on 26th to 28th Oct 2016.
17. Faculty development programme on **“Industrial Automation and Computer Aided Engineering”**, Organized by department of Mechanical and Industrial Production Engineering, Rao Bahadur.Y. Mahabaleshwarappa Engineering College Bellary-583104, during 23rd to 25th July 2015.
18. Faculty development programme on **“System Dynamics”** Organized by department of Mechanical and Industrial Production Engineering, Rao Bahadur.Y. Mahabaleshwarappa Engineering College Bellary-583104, during 18th to 19th Feb 2016.

19. Faculty development programme on “**Outcome Based Education**” Organized by department of Mechanical and Industrial Production Engineering, Rao Bahadur.Y. Mahabaleswarappa Engineering College Bellary-583104, during 16th to 19th Jan 2017.
20. Invited talk on ‘**Role of Teachers in Society**’ Shri V V Venkataramana Shastry , World Teachers Trust, Vishakapatnam, Organized by department of Mechanical and Industrial Production Engineering, Rao Bahadur.Y. Mahabaleswarappa Engineering College Bellary-583104, on 3rd Mar 2017.
21. One day invited talk on “**Reengineering- The Life Style**” Sri. Swamy Chidrupananda Saraswati, Organized by department of Mechanical and Industrial Production Engineering, Rao Bahadur.Y. Mahabaleswarappa Engineering College Bellary-583104, on 1st Apr 2017.
22. **Product Life Cycle Management and Thermoacoustic Refrigeration**, Dr. Vijay Kumar Professor, JSSATE B’lore. Dr. B G Prashanth Professor, JSSATE Bengaluru. Organized by department of Mechanical and Industrial Production Engineering, Rao Bahadur.Y. Mahabaleswarappa Engineering College Bellary-583104, on 11th to 16th Aug 2017.
23. Technical Talk on Importance of **Failure analysis & its role in fabrication Industries** Dr. R Vaideeswaran, Visiting NITT, Tiruchirappalli, Organized by department of Mechanical and Industrial Production Engineering, Rao Bahadur.Y. Mahabaleswarappa Engineering College Bellary-583104, on 7th Dec 2018.
24. One day seminar on “**Academic Audit**” Organized by the IQAC, Rao Bahadur.Y. Mahabaleswarappa Engineering College Bellary-583104 on 18th Dec 2018.
25. Faculty Development Program on “**Outcome Based Education and Accreditation**” in Rao Bahadur.Y. Mahabaleswarappa Engineering College Bellary-583104, during 24th to 28th Sep. 2018 (one week) collaboration with National Institute of Technical Teachers Training and Research, Kolkata.
26. Faculty Development Program on “**Rural Development through Technical Institution**” in Rao Bahadur.Y. Mahabaleswarappa Engineering College Bellary-583104, during 29th July to 02th Aug. 2019 (one week) collaboration with National Institute of Technical Teachers Training and Research, Kolkata.

27. Faculty Development Program on “Jeevan Kaushal Training” in NIMHANS, Bangalore, during 20th Jan to 25th Jan. 2020 (Five days).
28. Faculty Development Program on AICTE certification for the on-line workshop "Incorporating Universal Human Values in Technical Education". 2-6 May 2020.
29. Webiner on OBE 1.0 conducted by Winsun Global Tech on 23.05.2020.
30. Webiner on **The Economics of the Pandemic** conducted by **Sean Flynn**, Behavioral Economist and Author of International Bestsellers McGraw Hill, India on 28.05.2020.
31. Faculty Development Program on AICTE ATAL FDP “Blockchain Technology(BCT)” during 25-29, May, 2020 conducted by NIT Warangal.
32. Webiner on Webinar on Additive Manufacturing in Academics conducted by CoreEL Technologies (I) Pvt Ltd, CoreEL Technologies, #21, 7th Main, 1st Block, Koramangala, Bangalore 560034, India on 13.04.2020.
33. Organised Webiner on “**Industry Demands, Coding and No Coding Options, Job Requirements, Career Guidance and Certifications**” conducted by **IQAC & Department Mechanical Engineering**, RYM Engineering College, Ballari, Karnataka, India on 05.06.2020.
34. Webinar on “**Any one can become Software Engineer**” conducted by **Sathak Research Foundation**, Mohamed Sathak Engineering College, Tamil Nadu, India on 10 th JUNE 2020.
35. Faculty Development Program on “**Emerging Engineering Materials**” during 1st-5th, June, 2020 Dept.of Mechanical Engineering, BITM, Ballari in association with ISME.
36. Webinar on "**Cyber Forensics and the Current Challenges**", held on 13.06.2020, organized by Department of Information Technology, School of Computer, Information and Mathematical Sciences, B.S. Abdur Rahman Crescent Institute of Science and Technology, Chennai, Tamilnadu.

37. One week Faculty Development Programme on Ruby and Perl Programming, from the 03rd June to 08th June 2020 organized by the Department of Computer Science and Engineering, St. Peter's Engineering College, Hyderabad in Association with Spoken Tutorials, IIT Bombay.
38. Faculty Development Program on AICTE certification for the on-line workshop "Incorporating Universal Human Values in Technical Education". 20-24 June 2020.
39. Faculty Development Program on AICTE Training and Learning (ATAL) Academy **Online** FDP on "**Artificial Intelligence**" from **08-06-2020** to **12-06-2020** at **Indraprastha Institute of Information Technology, Delhi (IIIT-Delhi)**.
40. Faculty Development Program on AICTE Training and Learning (ATAL) Academy **Online** FDP on "**Artificial Intelligence**" from **03-06-2020** to **07-06-2020** at **CENTRAL UNIVERSITY OF KERALA**.
41. AICTE Training and Learning (ATAL) Academy **Online** FDP on "**Blockchain**" from **22-06-2020** to **26-06-2020** at **JNTUA COLLEGE OF ENGINEERING (AUTONOMOUS), PULIVENDULA**.
42. THE WEBINAR ON "**POST COVID-19 and HOW TO ENHANCE OUR IMMUNE SYSTEM NATURALLY**" Organized By **RYMEC LEAD** in Association with **Dept of CSE, Rao Bahadur Y Mahabaleshwarappa Engineering College, Ballari-583104** on 29-06-2020 **CERTIFICATE ID :-UESUM4-CE000080**.
43. Participation Certificate Spitting Kills Jun-Aug 2020 to prevent the spread of COVID-19.
44. THE WEBINAR ON participated in the National Level Five Day faculty development program on "**Scilab**" in Association With IIT-Bombay (Remote Learning Through Spoken Tutorial)," from 15th - 19th , June 2020 organized by the Department of Science & Humanities.

45. THE Webinar On “**Beginners Guide To Electric Vehicle**” On 20/06/2020 (Saturday) - 11:00 AM- 12:00 PM" organized by Oxford College of Engineering Bengaluru, Karnataka ,Certificate ID: IUKJ7O-CE000013
46. The webinar titled “ Importance of Management Principles” Conducted by the Department of Electronics and Communication Engineering, KCG College of Technology, Chennai on 13.06.202.
47. AICTE Training and Learning (ATAL) Academy **Online** FDP on "Computational Fluid Dynamics" from 2020-9-21 to 2020-9-25 at Symbiosis Institute of Technology, Pune.
48. One Day Webinar on ”Nuances in NAAC –Revised Accreditation Framework”held at Departmentof Management Studies, VTU Centre for Post Graduation Studies, Mysuru on 14thAugust, 2020.
49. One week FDP on " Advancement and Research Opportunities in Electronics and Telecommunications"" from 2020-8-04 to 2020-8-08 at SPVP SB PCE,Indapur.
50. One Day National Level Webinar on "ROLE AND CHALLENGES IN SCIENCE AND TECHNOLOGY" ”held at Departmentof Physics,Mathematics & Botany , SRKAC&SC Mudhol ,Bagalkot on 27 July, 2020.
51. Three days online National FDP / SDP on“Developments in Reducing Environmental Pollution: Bio-fuels & Thermoacoustic Refrigeration” from 29th July to 31st July 2020.
52. Webinar on "Questions and Answers Session on various Health Issues with Dr Khadar Vali” Organized By Rao Bahadur Y Mahabaleshwarappa Engineering College,Ballari-583104 on 27-07-2020.
53. 5- Days e-Workshop on “MATLAB and its Applications in Electrical Engineering”held from 20-07-2020 to 24-07-2020 organized by Department of Electrical and Electronics Engineering, SVCE , Tirupathi.

54. Webinar on "CNC Machining & Programming" Organized By JSSATE,Bangalore on 15-07-2020.
55. Webinar on "Design & Analysis through FEM & Crash Analysis" Organized By JSSATE,Bangalore on 15-07-2020.
56. Webinar on "Trends in Renewable Energy" Organized By JSSATE,Bangalore on 14-07-2020.
57. Webinar on "ERP Products and its Applications" Organized By JSSATE,Bangalore on 14-07-2020.
58. Webinar on "Vehicle Aerodynamics" Organized By JSSATE,Bangalore on 13-07-2020.
59. Webinar on "Transition from Conventional to New Refrigerants" Organized By JSSATE,Bangalore on 13-07-2020.

60. Webinar on Academic-Administrative Audit and Best Practices on 18/11/2020,organized by IQAC,RYMEC,Ballari.

61. AICTE Training And Learning (ATAL) Academy Online FDP on "Rural Entrepreneurship" from 2020-11-23 to 2020-11-27 at Mahatma Gandhi University.

62. AICTE Training And Learning (ATAL) Academy **Online FDP on "Waste Technology"** from **2021-1-4 to 2021-1-8 at NIT WARANGAL.**

63. AICTE Training And Learning (ATAL) Academy **Online FDP on "Stress-management"** from **2021-2-1 to 2021-2-5 at GOVERNMENT COLLEGE OF ENGINEERING - SRIRANGAM.**

64. Webinar on "Questions and Answers Session on various Health Issues with Dr Khadar Vali"

65. AICTE Training And Learning (ATAL) Academy Online Elementary FDP on "Wastewater Treatment Recycle and Reuse" from 06/09/2021 to 10/09/2021 at Netaji Subhas University of Technology West Campus.

66. AICTE Training And Learning (ATAL) Academy Online Elementary FDP on "Fostering Culture of Startup, Innovation & Entrepreneurship in Academic Institutions" from 20/09/2021 to 24/09/2021 at STEP-HBTI.

67. webinar "Value Education - Awareness on UHV" 24th August 2021. RYM Engineering College Ballari.

68. webinar "Academic and Administrative Audit" 18-08-2021 & 19-08-2021, RYM Engineering College, Ballari.

69. webinar "LIFE SKILLS" 31-07-2021 RYM Engineering College, Ballari.

70. AICTE Training And Learning (ATAL) Academy Online Elementary FDP on "Women Entrepreneurship: Opportunities from Ideation to Implementation" from 25/10/2021 to 29/10/2021 at Entrepreneurship Development Institute of India.

71. AICTE Training And Learning (ATAL) Academy Online Elementary FDP on "Entrepreneurship Development and Managing Start UPS" from 18TH NOV. – 22ND NOV. 2021 at Department of Rural Management, Babasaheb Bhimrao Ambedkar University, Lucknow.

72. One Week AICTE – VTU Joint Training Programme for Teachers on "**An Overview of Teaching Techniques in Innovation & Design Thinking**" on 6th to 10th December 2021 Organized by VTU Human Resource Development Centre (VTU-HRDC), Centre for PG Studies, VIAT, Muddenahalli, Chikkaballapur (Dist.) - 562101.

73. One Week AICTE – VTU Joint Teachers Training Programme for Teachers on "**An Overview of Teaching Techniques in Scientific Foundations of Health**" between 20th & 24th December 2021 Organized by VTU Human Resource Development Centre (VTU - HRDC), Centre for PG Studies, VIAT, Muddenahalli, Chikkaballapur (Dist.) - 562101.

74. NAAC Sponsored Two Days National Level Workshop on "NAAC Accreditation System with Effective DVV process" conducted on 13th – 14th May, 2022 in Hybrid Mode Organized by Internal Quality Assurance Cell (IQAC).

75. The IPR awareness/training program under the special mission called "National Intellectual Property Awareness Mission (NIPAM)" at Rao Bahadur Y. Mahabaleswarappa Engineering College on 17/05/2022.

76. AICTE Training And Learning (ATAL) Academy **Blended/Hybrid** FDP on "**Advances In Additive Manufacturing**" from **2022-09-15-2022-09-20** to **2022-09-26-2022-09-30** at **BALLARI INSTITUTE OF TECHNOLOGY & MANAGEMENT.**

EXTRA CURRICULAR ACTIVITIES

1. Guided 17 Projects for M.Tech course students

2. Guided More Than 16 Projects for BE course students

3. KSCST Grants Sanctioned Research Projects - 01

4. Total Number of Papers Published – 98

Number of Projects Completed as a Co-Principal Investigator under

Research Grant Schemes

| SL. No. | Name of The Funding Agency | Project Title | Year of Funding | Duration | Amount Sanctioned | Status |
|---------|----------------------------|--|-----------------|----------|-------------------|-----------|
| 1 | KSCST | Investigation of alcohols (Ethanol) and Reduction of Emissions CI Engine | 2013 | 6 Months | Rs-5000 | Completed |
| 2 | AICTE | Investigation of Bio-Fuels and Low Cetane Fuels In CI Engine and Reduction of Exhaust Emissions From The Exhaust Gases Using Semi-Adiabatic Air-Gap Bimetallic Metal Matrices Materials Crown Pistons. | 2013 | 3 Years | Rs -12.4 Lakhs | Completed |

* KSCST- Karnataka State Council for Science and Technology

* AICTE-All India Council for Technical Education

Papers Published in International Journals (49)

1. Manjunatha K, et.al. “**Numerical Investigation and Fatigue Life estimation of modified Diesel Engine Piston**”, International Journal of Recent Development in Engineering and Technology, Website: www.ijrdet.com (ISSN 2347 - 6435 (Online)) **Volume No.1, Issue No.1, Jun 2014**)
2. Manjunatha K, et.al. “**Experimental Investigation of Twin Cylinder Diesel Engine Using Methanol**”, International Journal of Engineering Science and innovative Technology (IJESIT), (ISSN 2319 – 5967) (Online)) Volume No.3, Issue No.4, July2014)
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Dr Kondekal Manjunatha

BE (MECH)., MTech(TPE)., PhD(IC Engines)., MISTE., ISRD, IJME, WASET, IIER, IJCMES, IJMEA, IJMCAPE, WJE, EE.