


FACULTY PROFILE

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| Name | : Dr V. R. Kattimani |  |
| Designation | : Associate Professor(CAS) | |
| Department | :Chemistry | |
| Employee ID | : TCH003 | |
| E mail ID (College official ID), (Personal mail ID) | :vrkch@becbgk.edu veerannachem@gmail.com | |
| Contact details | : Dr. V. R. Kattimani Associate Professor(CAS) Department of chemistry Basaveshwar Engineering College Bagalkote - 587103 | |
| Orcid ID | : 0000000277815684 | |
| Scopus ID | : 57442647800 | |
| Vidwan Id | : 147387 | |
| Researcher ID (Web of Science) | : AAT-7802 -2021 | |
| Google Scholar ID | : tl_a2TcAAAAJ | |
| Qualification | : M.Sc., M.Phil., Ph.D | |
| Professional Experience | | |
| Teaching experience | : 25 years | |
| Industry experience | : - | |
| Administrative Responsibilities | : 1) NBA & NAAC Department Coordinator 2) AICTE 360-degree feedback coordinator 3) Examination coordinator 4) Coordinator Central valuation work at BEC Bagalkot 5) Coordinator QEEE prog. BEC Bagalkot | |
| Teaching | : | |
| No. of Projects Guided | | |
| UG | : | |
| PG | : | |
| Research | | |
| Interest Area | : Bio Fuels | |

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| No. of Research Scholars Pursuing | | |
| Awarded | : | |
| Patents | : | |
| Research Grants | : | |
| Publications Books/Chapters | : | |
| Journals (with citations) | <p>1. K.V. Yatish, B.R. Omkaresh, Veeranna R. Kattimani, H.S. Lalithamba, M. Sakar, R. Geetha Balakrishna Solar energy-assisted reactor for the sustainable biodiesel production from Butea monosperma oil: Optimization, kinetic, thermodynamic and assessment studies * Energy, Volume 263, part B 15 Jan 23, 125768 https://doi.org/10.1016/j.energy.2022.125768</p> <p>2. B. R. Omkaresh, Veeranna R. Kattimani, K. V. Yatish, Ibham Veza, K. Pramoda Optimization and kinetics analysis of biodiesel production from <i>Annona reticulata</i> seed oil using magnesium phosphate catalyst Brazilian Journal of Chemical Engineering https://doi.org/10.1007/s43153-022-00278-8</p> <p>3. Durgadsimi S.U, V.R.Kattimani, Maruti N.S, Kulkarni A.B, Mathad S.N., Synthesis and structural analysis of Nickel Ferrite synthesized by co precipitation method, Eurasian Physical Technical Journal, Vol.18 (1), Year 2021, Pages No.4(38)</p> <p>4. R. T. Radhika, Ravi J. D. Saldanha, V. R. Kattimani, M. N. Kumar and B. M. Venkatesha Degradation of Indigocarmine Dye by Oxidation using Chloramine-T in Acidic Buffer Medium Catalyzed by Vanadium(V) Ion: A Kinetic and Mechanistic Study Journal of Applicable Chemistry, Vol. 10 (1):, Year 2021, Pages 35-41</p> <p>5. V. R. Kattimani, R. T. Radhika, and B. M. Venkatesha, Physico Chemical Properties of Cotton Seed Oil Methyl Ester & Its Blends with Conventional Diesel & Kerosene, International Journal of advances in Engineering & Management, Vol.2 Issue:5, Year 2020,</p> <p>6. R. T. Radhika, Ravi J. D. Saldanha, V. R. Kattimani and B. M. Venkatesha, Kinetic Study of Oxidation of Nicotinic acid (Vit-B3) by Sodium N Chlorobenzene Sulphonamide (Chloramine - B) in Hydrochloric acid medium, European Journal of Biomedical Pharmaceutical Sciences, Vol.7 Issue:9, Year 2020, Pages 363-367</p> <p>7. V.R.Kattimani, R.T.Radhika, M.Venkatesha, Production and Optimisation of Biodiesel from (Gossypium) cotton seed oil by two stage transesterification, International Journals of Engg. Innovation & Research, Vol. 8, Year 2019, Pages 52-58</p> <p>8. Chandrashekar, R.T.Radhika, M.Venkatesha, S. Ananda, V.R.Kattimani Spectrophotometric kinetic investigation of oxidation of amitriptyline by n-bromo-p-benzene sulphonamide in acidic buffer (pH=</p> | |

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| | <p>1.2) medium World journal of pharmaceutical research , Vol. 5, Year 2016, Pages 1411-1422</p> <p>9. V.R. Kattimani, R.T.Radhika B.M.Venkatesha, S.Ananda Studies on fuel properties of neem oil methyl ester and its conventional diesel and kerosene blends, International Journal of Engg. Research & General Science, Vol. 3, Year 2015, Pages 291-296</p> <p>10. V. R. Kattimani, B. M. Venkatesha, S .Ananda Optimization of Methyl ester of Crude rice bran oil by three stage transesterification Advances in Chemical Engineering & Science, Vol. 4, Year 2014, Pages 361-366</p> <p>11. V.R.Kattimani, B.M.Venkatesha,Technologies for Biodiesel production from non-edible oil-review Indian Journal of energy, Vol. 6(6), Year 2013, Pages 129-133</p> <p>12.. V.R.Kattimani, B.M.Venkatesha,S. Ananda Optimization of Methyl ester of Neem oil International Journal of Current Research, Vol. 5, Year 2013, Pages 3937-3940</p> | |
| Conferences | <p>:</p> <p>1.Synthesis and structural properties of nano Nickel Ferrite sixth International conference on advance in material Sciences(ICAMS) 2020-21 During 23 - 24 April 2021 Jath Maharashtra</p> <p>2.Studies on fuel properties of neem oil methyl ester and its conventional diesel and kerosene blends University Sponsored National conference on pure and applied chemistry (NACOPAC-2014)Dept. of studies in Chemistry University of Mysore, Mysuru 29 -30 Dec. 2014.</p> <p>3. Economic analysis of biodiesel production from nontraditional oil seeds at National conference on Trends and Innovations in Automation Materials and Thermal Engineering at VTU Mysuru 21-22 May 2015.</p> <p>4.Production Characterization and Optimization of biodiesel from rubber seed oil at 103rd Indian Science Congress at university of Mysore, Mysore 3- 7 Jan 2016.</p> <p>5.Studies on fuel properties of Pongamia pinnatta oil methyl esters and its conventional diesel and kerosene blends, at National conference at VTU Mysore. 9-10 March2017.</p> <p>6.Production, Characterization and optimisation of biodiesel from unrefined Pongamia Pinnatta oil at National conference at VTU Mysore. 9-10 March 2017</p> | |
| Invited Talks | : | |
| Events Organized | : | |

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| Conferences/ Symposiums/ Workshops/ Training Programs Attended | :1. Recent Trends in renewable Energy sources BEC, Bagalkot, 03/09/01 to 05/09/01 | 02 Weeks |
| | 2. Futuristic materials and their applications BEC, Bagalkot, 18/8/03 to 30/8/03 | 02 Weeks |
| | 3. Induction program for young teachers BEC, Bagalkot, 19/01/04 to 31/01/04 | 02 Weeks |
| | 4. Intellectual property right studies BEC, Bagalkot, 16/04/04 | 01 Day |
| | 5. Recent advances in food Biotechnology BEC, Bagalkot, 21/10/05 to 22/10/05 | 02 Days |
| | 6. Intellectual property right studies BEC, Bagalkot, 17/02/05 to 18/02/05 | 02 Days |
| | 7. Applied Mathematics BEC, Bagalkot, 03/04/06 to 08/04/06 | 01 Week |
| | 8. Vision R&D, BEC, Bagalkot 22/03/06 to 25/03/06 | 01 Week |
| | 9. Mathematical modeling for Biotechnology BEC, Bagalkot, 11/09/06 to 16/09/06 | 01 Week |
| | 10. Modern Sensors and Their Applications BEC, Bagalkot, 17/11/06 to 18/11/06 | 02 Days |
| | 11. Recent Trends in Industrial Engineering BEC, Bagalkot, 26/02/07 to 02/03/07 | 01 Week |
| | 12. Emotional Intelligence and Effective Leadership, BEC, Bagalkot, 27/03/07 | 01 Day |
| | 13. Induction programme for Newly recruited Polytechnic / Engineering Teachers from Karnataka State, B.V.V.S. Polytechnic Bagalkot 25/06/07 to 05/05/07 | 02 Weeks |
| | 14. Green Chemistry : An essential measure in environmental protection, BEC, Bagalkot 21/09/07 to 22/09/07 | 02 Days |
| | 15. Robotics and Nanotechnology(FDP) BEC, Bagalkot, 03/02/09 to 08/02/09 | 01 Week |
| | 16. Intelligent Instrumentation and Robotics BEC, Bagalkot, 26/03/12 to 30/03/12 | 01 Week |

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| | 17. Education Management & Institutional Development, Govt polytechnic, Hubli 02/01/13 to 12/01/13 | 02Weeks |
| | 18. Recent Trends in renewable Energy sources and emerging Technologies BVVS polytechnic Bagalkot 28/05/13 to 07/06/13 | 02Weeks |
| | 19. Recent Advances in Thin film Technology BEC, Bagalkot, 19/12/13 to 21/12/13 | |
| | 20. Effective leadership for excellence BEC, Bagalkot, 06/02/14 to 07/02/14 | 03 Days |
| | 21. Composites and their applications BEC, Bagalkot, 14/03/14 to 15/03/14 | 02 Days |
| | 22. Entrepreneurship Development and implementation program EDI India & BVV Sangha Bagalkot, 26/8/15 to 27/8/15 | 02 Days |
| | 23. Faculty development programme IIT Madras, 12/10/15 to 14/10/15 | |
| | 24. Indian science congress University of Mysuru, 3/1/2016 to 7/1/2016 | 03 Days |
| | 25. Faculty development programme IIM Kozhikode, 26/9/16 to 28/9/16 | 05 Days |
| | 26. Analysis of research problems through design of experiments, IIT Bombay 20/1/17 to 22/1/17 | 03 Days |
| | 27. Technology-Driven Innovation and Entrepreneurship IIT Bombay 15/2/17 to 19/2/17 | 03 Days |
| | 28. Biology for Engineers IIT Bombay, 1/2/17 to 4/2/17 | 05 Days |
| | 29. Refresher course in Physics and Chemistry Basaveshwar Science College Bagalkot 29/5/17 to 3/6/17 | 04 Days |
| | 30. Current practices and critical issues for OBE BEC, Bagalkot | 06 Days |

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| | 27/01/20 to 07/02/20 | 02 Weeks |
| | 31. Digital transformation in Teaching learning Process, IIT Bombay 6 th -22 nd 2020 | 03 weeks |
| | 32. Online course on Examination Reforms Conducted by AICTE | 01 Week |
| | 33. Recent Advances in Material Science and Mathematical Application Ghousia College of Engineering, Ramanagar 15/06/2020 to 19/06/2020 | One Week Online FDP |
| | 34. The Role of Advanced Materials & Nanotechnology in Present Scenario Vemana Institute of Technology Bangaluru 22/06/2020 to 26/06/2020 | One Week Online FDP |
| | 35. Recent Advances in Smart Materials for Sensors and Energy Applications BMSIT& Mgt. Bangaluru 06/07/2020 to 10/07/2020 | One Week Online FDP |
| | 36. Insights on Writing Research Proposals and Funding Opportunities ST Joseph Engineering College Bangaluru 20/07/2020 to 24/07/2020 | One Week Online FDP |
| | 37. Quality Control and Safety in Polymer Science and Technology Sri JSS College of Engineering Mysuru 27/07/2020 to 31/07/2020 | One Week Online FDP |
| | 38. Education 4.0 The future ahead Sairam College of Engineering Bangaluru. 10/08/2020 to 14/08/2020 | One Week Online FDP |
| | 39. Waste waster the Untapped Resource for next Generation, Dr. PGHCET Vijayapura 02/11/2020 to 07/11/2020 | One Week Online FDP |
| | 40. Trends in Engineering Materials Nano Science and Nano Technology Global Academy of Technology Bangalore 09/11/2020 to 13/11/2020 | One Week Online STTP |

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| | <p>41. “ A Hidden Treasure in Reality “ BLDE CET Vijayapura 23/11/2020 to 28/11/2020</p> <p>42 Control Air Pollution-Defer Climate Change Dr. PGHCET Vijayapura 21/12/2020 to 26/12/2020</p> <p>43. “ Recent Trends in Green Chemistry- 2021(RTGC) Don Bosco Institute of Technology, Bengaluru <i>15th – 19th November 2021</i></p> <p>44. Renewable energy for sustainable Development, Bharata Ratna Indira Gandhi College of Engineering, Solapur 1st – 5th March 2022</p> <p>45. VTU e- Shikshana Program – 06 VTU e-Learning Centre Mysuru 6/6/2022 to 11/6/2022</p> | <p>One Week Online STTP</p> <p>One Week Online STTP</p> <p>One Week Online FDP</p> <p>One Week Online FDP</p> <p>One week FDP</p> |
| Awards and Honors | : - | |