

FACULTY PROFILE

Name : **Channappa Muttappa Javalagi**



Designation : **Professor (CAS)**
Department : **Industrial and Production Engineering**
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Scopus ID : **8353848300**
Vidwan Id : **147766**
Researcher ID (Web of Science) : **AAD-7360-2021**
Google Scholar ID : **rNdqIBoAAAAJ&hl=en**

Qualification : **PhD in Mechanical Engineering**

Professional Experience
Teaching experience : **28 years**
Industry experience : **00 years**

Administrative Responsibilities :

- **Director**, Basaveshwar Institute of Management Studies (BIMS), Bagalkot
- **In Charge Head**, Department of Industrial and Production Engineering, BEC Bagalkot
- **Nodal officer-Academic** TEQIP-II and TEQIP-III, BEC-Bagalkot
- Coordinator, IQAC, Basaveshwar Engineering College(A), Bagalkot
- **Committee member** which prepared proposal for TEQIP-II
- **Member BEC-CED** (Basaveshwar Engineering College-Centre for Entrepreneurship Development)
- **BOE Chairman**, Paper setting and Moderator for I&P Engineering Department, BEC, Bagalkot
- **Coordinator** and **Student Advisor** for Production and Industrial Students Association (PIESA)
- Team member **becCampusLAN**, which was instrumental in setting up campus wide networking

- *Deputy warden* in BEC Hostels
- *Warden* BEC Hostels

Teaching :
No. of Projects Guided

UG : **25**

PG : **01**

Research

- Interest Area :
- ✓ General Management
 - ✓ Operations Management
 - ✓ Supply Chain Management
 - ✓ System Dynamics
 - ✓ Sustainable Development
 - ✓ Enterprise Resource Planning

No. of Research Scholars

Pursuing : **03**

Awarded : **01**

Patents : **0**

Research Grants : **0**

Publications : **01**

Books/Chapters

1. Theoretical & Statistical Analysis of Inventory & Warehouse Management in Supply Chain Management – A Case Study on Small Scale Industries Published in Advances in Manufacturing and Industrial Engineering. Publisher: Springer Singapore DOIhttps://doi.org/10.1007/978-981-15-8542-5_52
 Online ISBN 978-981-15-8542-5
 Print ISBN 978-981-15-8541-8

Journals (with citations) :

1. Analysis of key performance indicators for sustainable manufacturing in sugar industry using analytical hierarchy process. Patil, H.R., Javalagi, C.M. Indian Journal of Engineering and Materials Sciences, 2020, 27(4), pp. 959-963
2. An assessment of factors affecting ERP implementation: A systemic view Maheshwar, C.Y., Javalagi, C.M. International Journal of Recent Technology and Engineering, 2019, 8(3), pp. 3801–3808
3. Application of structural equation modelling to establish causal relationship among financial factors for strategic management of productivity in Indian sugar industries Javalagi, C.M., Bhushi, U.M. International Journal of Applied Management Science, 2011, 3(4), pp. 394–419
4. Statistical modeling of steam generation for cogeneration in Indian sugar industry Javalagi, C., Patil, H., Bhushi, U. Cogeneration and Distributed Generation Journal, 2010, 25(1), pp. 18–34
5. Factor analysis approach to investigate productivity in Indian sugar industries: a financial ratios approach, CM Javalagi, UM Bhushi, Journal of business management & social sciences research 3 (3), pp 8-14

6. A Study on Green supply chain Initiatives in SME's of North Karnataka, C.M.Javalagi and H.R. Patil, International Journal of Science Technology & Engineering, Volume 4, Issue 11, pp126-131, I.J.S.T.E , INDIA
7. An Exploratory Study of Enterprise Resource Planning Implementation Issues in Manufacturing and Service Industries of North-Karnataka, MC Yalagi, CM Javalagi
8. A Review of Enterprise Resource Planning Implementation Issues, C.MaheshwarC.M.Javalagi, International Journal of Business and Management, Volume 2, Issue 6 Pages 28-34, Publisher: Globeedu Group (ISO 9001:2008 Certified)
9. An Overview of Problems and Prospects in Indian Sugar Industry, U.M.BhushiC.M.Javalagi, JM international journal of management research, Volume 1 Issue 4
10. A Study on Green Supply Chain Initiatives in SME's of North Karnataka,U.M.BhushiC.M.Javalagi, International Journal of Science Technology & Engineering, Volume 4 Issue 11, pp.126-131 <https://ijste.org/>
11. Integrated Supply Chain Automation using Blockchain, Patil H R Javalagi C.M, Malleshappa T. Bhagavati, P. Venkumar International Journal of Innovative Technology and Exploring Engineering Volume-9, Issue-2S2, pp. 389-395
12. The Missing Link In “Technology and Productivity Of Why We Get One Without The Other”, Channappa Javalagi, Umesh Bhushi, Prof.M.M.Bhagwat,Teli.S.N International journal Of Management Research November-2010 Issue, ISSN : Print 2229-4562 pp 1-11
13. Performance Evaluation of Indian Apparel industry using Financial Ratios, Channappa Javalagi, Umesh Bhushi, S.M.Pharsiyawar, The International Research Journal of Social Science & Management, Volume:01, Number:04, August-2011, ISSN 251-1571, pp 97-108

Conferences

- :
1. System Dynamics application to Supply Chain Management: A review Bhushi, U.M., Javalagi, C.M. IEEE International Engineering Management Conference, 2004, 3, pp. 1244–1248
 2. An overview of application of system dynamics modeling for analysis of Indian sugar industry Javalagi, C.M., Bhushi, U.M. IEEM 2007: 2007 IEEE International Conference on Industrial Engineering and Engineering Management, 2007, pp. 1828–1832, 4419508
 3. Technology and productivity - Why we get one without the other? Pharasiyawar, S.M., Bhushi, U., Javalagi, C.M., Dandagi, S.B. IEEM 2007: 2007 IEEE International Conference on Industrial Engineering and Engineering Management, 2007, pp. 2043–2047, 4419551
 4. An overview of application of system dynamics modeling for analysis of Indian sugar industry, CM Javalagi, UM Bhushi ,2007 IEEE International Conference on Industrial Engineering and Engineering Management. pp1828-1832
 5. A Study of Green Supply Chain Initiatives by a Leading Passenger Car Manufacturer in India – A Review, International Conference on Emerging Technologies in Mechanical Sciences (ICEMS - 2016), dec 16-17 2017 Malla Reddy College of Engineering & Technology, Secunderabad-500100, INDIA
 6. Impact of Bagasse parameters on steam generation: A regression analysis, C.M.Javalagi, H.R.Patil, D.D.Chillal, U.M.Bhushi, International Conference on Modelling and

- simulation CIT, Coimbatore Aug. 27-28, 2007
7. Volumetric & Economic Analysis of Cane Trash for Co-generation in Sugar Industries, C.M.Javalagi, H.R.Patil, G.K.Patil, National Conference on World Class Manufacturing Practices, April, 2-3 2007, BEC, Bagalkot
 8. System Dynamics Application to Management: A few cases C.M.Javalagi U.M.Bhushi, S.M. Pharsiyawar, International conference GMCIT 2006 Coimbatore
 9. System dynamics application to Supply Chain Management: A review, C.M.Javalagi, U.M.Bhushi, International Conference on Management, IEMC-2004, Oct-18-21 2004, Singapore
 10. Quantitative Safety Assessment Through Statistical Methods, C.M.Javalagi, Raghvendra Bhat, All India Seminar On Maintenance And Condition Monitoring Govt. Engg. College, Trissur. 14 Feb.98
 11. Information Technology and Technical Profession: A Tutor/Trainer Perspective, C.M.Javalagi, S.A.Angadi, V.M.Shettar, ISTE XXXII Annual Convention And National Seminar NMAM Institute Of Technology, Nitte, 27-29, Dec. 2002
 12. Synergy of Technical Education System And Society: A Prerequisite For Sustainable Growth, C.M.Javalagi, S.A.Angadi, Basavaprabhu.G.S, ISTE XXXII Annual Convention And National Seminar NMAM Institute Of Technology, Nitte 27-29 Dec. 2002
 13. Manufacturing Micro And Nano Scale Structures, C.M.Javalagi B.G.Shepparamatti, S.B.Kerur, All India Seminar On Recent Advances In Automation In Manufacturing NMAMIT-Nitte, 16th Feb.2002
 14. Role of Technical Teachers in The Knowledge Millennium, C.M.Javalagi, S.A.Angadi, V.M.Shettar, 4th ISTE Convention & National Seminar On Technical Education In The New Millennium B.E.C.Bagalkot. 3-4, Nov.2001.
 15. Reengineering The Technical Education System, C.M.Javalagi & S.A.Angadi, 4th ISTE Convention & National Seminar On Technical Education In The New Millennium B.E.C.Bagalkot. 3-4, Nov.2001.
 16. Information Technologies Based Performance Enhancement Tools For BPR, C.M.Javalagi & S.A.Angadi, National Conference On MSD & BPR 98, Anna University, Chennai Feb.20-12 Jan 2000
 17. Information Technology Tools Applied To BPR, C.M.Javalagi & S.A.Angadi, National Conference On MSD & BPR 98, Anna University, Chennai Feb.20-12 Jan 2000
 18. BPR Implementation Methodologies: A Comparative Study, C.M.Javalagi & S.M.Pharsiyawar, International Conference On IFAMS-2000, CIT, Coimbatore 10-12, Jan 2000
 19. Human Aspects In Safety Management, C.M.Javalagi & S.M.Pharsiyawar, All India Seminar On Maintenance And Condition Monitoring Govt. Engg. College, Trissur. 14 Feb.98
 20. BPR Concepts And Implementation Methodologies, C.M.Javalagi & S.M.Pharsiyawar, National Conference On MSD & BPR-98, Anna University, Chennai, Feb. 20-21, 1998
 21. BPR: The Revolutionary 's Management Tool, C.M.Javalagi & S.M.Pharsiyawar, National Conference On Intelligent Manufacturing System, CIT, Coimbatore, Feb. 6-7, 98
 22. Human Resource And Its Development,

- Invited Talks** :
1. Need for Outcome Based Education and AICTE Examinations Reform policy, CUSAT Cohin, 18.02.2021
 2. Need for Outcome Based Education and AICTE Examinations Reform policy, SPIU-NPIU workshop 7-8, Dec.2020
 3. “Reforms in Examination for Quality Improvement”, SDMCET Dharwad in FDP on Accreditation: An Accelerator for Quality Improvement in Engineering Education 22.02.2021
- Events Organized** :
1. Coordinator for TEQIP-II sponsored three-day workshop on“Entrepreneurship Awareness Programme” organized by the Department of Industrial and Production Engineering, Basaveshwar Engineering College, Bagalkot
 2. Organized three days Entrepreneurship Awareness Programme from 04.09.16 to 06.09.16
 3. Coordinated TEQIP-II sponsored two-day Student Development Programme on “Microsoft excel: A tool for business intelligence” organized by the Department of Industrial and Production Engineering, Basaveshwar Engineering College, Bagalkot from 4.4.14 to 5.04.14
 4. Organized workshop on Data analysis and Statistical Software from 22.11.13 to 5.04.14
 5. Organized workshop on Simulation Modelling and Analysis 7.10.13 to 08.10.13
 6. Coordinated five-day Online Faculty Development Programme on “Six-Sigma” from 6-10, July, 2020
 7. Conducted SPIU-NPIU workshop on “Examination Reforms” from 7-8, December 2020
 8. Conducted “Two-days” workshop on AICTE-Examination Reforms for BEC Faculty: 14 – 15, February, 2020
 9. Conducted “Two-days” online workshop on AICTE-Examination Reforms for BEC Faculty: 06-07, MAY, 2020, 2020
 10. Conducted “Two-days” online workshop on AICTE-Examination Reforms for BEC Faculty: 29-30, MAY, 2020
 11. Entrepreneurship Awareness Programme for girl students, 30 Mar. 2019
 12. Entrepreneurship Awareness Programme for Students, 31 Aug. 2019
 13. Workshop on Entrepreneurship – A career opportunities, 25 Jan. 2020
 14. Online webinar on Emotional intelligence for career success, 01 Dec. 2020
- Conferences/ Symposiums/ Workshops/ Training Programs Attended** :
1. Advances in Casting and Welding Technology, BEC Bagalkot, 24.09.2001to 06.10.2001
 2. Recent Trends in Renewable Energy Sources, BEC Bagalkot, 03.09.2001 to 15.09.2001
 3. Induction Training Programme for Engineering College Teachers Academic Staff College, Dharwad, 13.02.1998 to 09.03.1998
 4. Induction Programme for Technical Teachers, Bagalkot, 28.02.1995 to02.03.1995
 5. National Seminar on Maintenance and Condition Monitoring

- Government Engg. College, Thrissur, 14.02.1998
6. Entrepreneurship for Career Growth DEIS Pune and SRN arts and MBS Commerce College, Bagalkot, 09.12.2003 to 10.12.2003
 7. Workshop on Supply Chain Management R. V. College of Engg. Bangalore 18.05.2001 to 19.05.2001
 8. Strategic Management of Technology IISC, Bangalore 02.07.2001 to 06.07.2001
 9. XXXII Annual Convention and National Seminar of ISTENMAM Institute of Technology Nitte 27.12.2002 to 29.12.2002
 10. Technical Education and Challenges in the New Millennium BEC Bagalkot 03.11.2001 to 04.11.2001
 11. Processing of Composite Materials BEC Bagalkot, 26.8.2002 to 07.09.2002
 12. Futuristic Materials and Their Applications BEC, Bagalkot 18.08.2003 to 30.08.2003
 13. Industry Approach to Technical Institutions and MIS BVVS polytechnic, Bagalkot 08.12.2003 to 19.12.2003
 14. Industrial Policy and Development in India IISc, Bangalore 16.12.2002 to 20.12.2002
 15. Workshop on Agile Manufacturing to Strengthen Domestic/Global Competitiveness CagMa, Bangalore 25.02.2003 to 27.02.2003
 16. National Conference on Advances in Materials and their processing BEC, Bagalkot 23.12.2003 to 24.12.2003
 17. Facilitator certification in HRD BEC, Bagalkot 23.10.2003 to 01.11.2003
 18. Learning Organization and Knowledge Management in Technical Education BEC, Bagalkot 16.02.2004 to 21.02.2004
 19. Intellectual Property Rights Studies BEC, Bagalkot 17.02.2006 to 18.02.2006
 20. Senior Faculty Development Programme BEC, Bagalkot 11.11.2014 to 13.11.2014
 21. Integrated Six Sigma Green Belt and Design for Six Sigma BEC, Bagalkot 20.01.2014 to 30.01.2014
 22. Three days' workshop on AICTE-Examinations Reform at KLE Technological University, Hubli from 20-22, Jan., 2020.
 23. Current Practices and Critical Issues for OBE in Engineering Education/Institutions 27.01.2020 to 07.02.2020

Awards and Honors : NIL