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FACULTY PROFILE

Name : Channappa Muttappa Javalagi



Designation : Professor (CAS) and Head of the Department
Department : Industrial and Production Engineering
Employee ID : TIP002
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Orcid ID : <https://orcid.org/0000-0002-7603-5678>
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
: *Head* Department of Industrial and Production Engineering, BEC Bagalkot from 1.12.2022 to till date
: *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 BECED* (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 : **30**
 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 :
Books/Chapters **02**

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 DOI https://doi.org/10.1007/978-981-15-8542-5_52 Online ISBN 978-981-15-8542-5
 Print ISBN 978-981-15-8541-8
 The Value Research of Communication and Information Sharing in Supply Chain Management (SCM) for Enhancing the Supply Chain Performance (SCP)—A SSI Case Study <https://doi.org/10.1007/978-981-16-9523-0>, ISBN: 978-981-16-9523-0, Hardcover ISBN 978-981-16-9522-3

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. Citations-0
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. Citations-0
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. Citations-5
4. *Statistical modelling of steam generation for cogeneration in Indian sugar industry* Javalagi C.M, Patil, H., Bhushi, U. Cogeneration and

Distributed Generation Journal, 2010, 25(1), pp. 18–34. Citations-5

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. Citations-5

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***, M.C. Yalagi, C.M. Javalagi

8. ***A Review of Enterprise Resource Planning Implementation Issues***, C.Maheshwar C.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.Bhushi C.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.Bhushi C.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

14.

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. Citations-22
- 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. Citations-6
- 3. ***“Technology and productivity - Why we get one without the other”?*** Pharsiyawar, 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. Citations-1
- 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 Cogeneration 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. ***"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
 10. ***"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
 11. ***"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
 12. ***"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
 13. ***"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.
 14. ***"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.
 15. ***"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
 16. ***"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
 17. ***"BPR Implementation Methodologies: A Comparative Study"***, C.M.Javalagi & S.M.Pharsiyawar, International Conference On IFAMS-2000, CIT, Coimbatore 10-12, Jan 2000
 18. ***"Human Aspects In Safety Management"***, C.M.Javalagi & S.M.Pharsiyawar, All India Seminar On Maintenance And Condition Monitoring Govt. Engg. College, Thrissur. 14 Feb.98
 19. ***"BPR Concepts And Implementation Methodologies"***, C.M.Javalagi & S.M.Pharsiyawar, National Conference On MSD & BPR Anna University, Chennai, Feb. 20-21, 1998
 20. ***"BPR: The Revolutionary's Management Tool"***, C.M.Javalagi & S.M.Pharsiyawar , National Conference On Intelligent Manufacturing System, CIT, Coimbatore, Feb. 6-7, 98
 21. ***"Human Resource And Its Development"***, C.M.Javalagi & S.M.Pharsiyawar National Seminar On Energy Management, Punjab University, Patiala Feb.20-21, 97
 22. ***"Theoretical & Statistical Analysis of Trust, Commitment & Cooperation in Supply Chain Management – A SSI Case Study"*** C.M.Javalagi and Mahesh Latte, International Conference on Recent Developments in Mechanical Engineering 2023, SIT Tumkur.
 23. ***"A Study of Green Supply Chain Initiatives by a Leading Passenger Car Manufacturer In India – A Review"*** H.R.Patil, C.M.Javalagi, Third International Conference on Emerging Technologies in Mechanical Sciences ICEMS-2016
 24. ***"Interpretive Structural Modeling: A Tool for Analyzing Green Supply Chain Management Barriers In SMEs"*** H.R.Patil, C.M.Javalagi, 2022

Advances in Science and Engineering Technology International Conferences (ASET) DOI: 10.1109/ASET53988.202221- 24 Feb. 2022, IEEE Xplore
 25. ***“Cost of quality reduction roadmap with Integrated lean Six sigma and knowledge management”*** S.N.Teli, Umesh Bhushi, C.M.Javalagi, A.I.Bellary and Dilip Radhkar., 5th HCT international Multiconference, Advances in Science & Engineering Technology (ASET), 2023, Feb., 20-23.2023

Invited Talks

- : 1. ***Need for Outcome Based Education and AICTE Examinations Reform policy***, CUSAT Cohin, 18.02.2020
- 2. ***Need for Outcome Based Education and AICTE Examinations Reform policy***, SPIU-NPIU workshop 7-8, Dec.2020

Events Organized

- : 1. Coordinator for THQIP 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 sponsored two -day Student Development Programme on ***“Microsoft excel: A tool for business intelligence”*** 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 a 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 Reform Policy”*** for BEC Faculty: 14 – 15, February, 2020
- 9.Conducted “Two-days” online workshop on ***“AICTE-Examination Reform Policy”*** for BEC Faculty: 06-07, MAY, 2020, 2020
- 10.Conducted “Two-days” online workshop on ***“AICTE-Examination Reform Policy”*** 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
- 15. Dr. C. M. Javalagi conducted ATAL- FDP on ***“Teaching Organizational Behaviour for Institutional Growth”*** 8-12 November 2021.

Conferences/ Symposiums/ Workshops/ Training Programs Attended

- : 1. ***“Advances in Casting and Welding Technology”***, BEC Bagalkot, 24.09.2001 to 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 to 02.03.1995

5. **"National Seminar on Maintenance and Condition Monitoring"** Government Engineering 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 ISTE"** NMAM Institute of Technology Nitte 27.12.2002 to 29.12.2012
10. **"Technical Education and Challenges in the New Millennium"** BEC Bagalkot 03.1.2001 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. **"Feel 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. Attended Three days' workshop on **"AICTE-Examinations Reform"** at KLE Technological University, Hubli from 20-22, Jan., 2020.
23. Two Weeks Faculty Development Programme On **"Current Practices and Critical Issues for OBE (Outcome-Based-Education) in Engineering Education/Institutions"**, from 27th Jan. – 07th Feb. 2020,
24. Attended a Course on **"System Thinking and Applications"** from 12.10.2018 to 30.11.2018 by Prof. L.S.Ganesh, IIT Madras at BEC(A), Bagalkot
25. Attended a Two days' workshop on **"Out come based Education"** from 1.02.2024 to 2.02.2024 conducted by Basaveshwar Engineering College, Bagalkote.
26. C.M.Javalagi has attended TEQIP-II FDP on **"Optimization in Design & Engineering"** FDP was organized by Dr.C.M.Javalagi from 28-01-2017 to 30-01-2017.
27. Dr.V.S.Puranik and Dr.C.M.Javalagi have attended to Teacher Training FDP on **"Technology Driven Innovation & Entrepreneurship"** from 30-3-2017 to 31-3-2017
28. Dr.C.M.Javalagi attended TEQIP-III under a workshop on **"Outcome Based Technology"** at BEC Bagalkot from 21-10-2017 to 22-10-2017

Awards and Honors : NIL