

Dr. Vivekanand S Gogi

Assistant Professor

Educational Qualification	M. Tech, Karnataka University, Dharwad (PhD), VTU, Belgavi
Experience	Teaching: 24 years
Area/s of Interest	Operations Research, Total Quality Management
Email ID	vivekanands@rvce.edu.in

Project Guided: UG : 25, PG: 04
National Journal Publications: 01
International Journal Publications: 13
National Conference Publications: 04

International Conference Publications: 16

List of Publications:

National Journal Publications:

Vivekanand S Gogi and K.S. Badarinarayana presented paper at the "National Conference on World Class Manufacturing Practices (WCMP-2007) on “Total Quality Management in Education” conducted by department of IP, Basaveshwar College of Engineering, Bagalkot from 2nd & 3rd April 2007

Vivekanand S Gogi, Prachi Deshmukh, Sowmyas presented a paper on “Technology Forecasting Models for Decision Making” at Pratibimb – 2012 (Reflections of Emerging Technologies), conducted by Department of Industrial and Production Engineering, The National Institute of Engineering, Mysore during 5th May 2012.

Kirthana B H, Roopini S, Shraddha R, Vivekanand S Gogi presented a paper on "Review On The Application Of Taguchi Methods For Optimization Of Parameters In Turning Operations " at ‘National Conference on Emerging Trends in Engineering Management’, NCETEM – 2014, organised by Department of Industrial Engineering and Management, J S S A T E, Bangalore, during 6th - 7th November 2014.

Nitin Mule, Vivekanand S Gogi, Dr. N S Narahari , “Implementation of Effective Traceability Mechanism in Hydraulic Pump Manufacturing Firm - A Case Study”, in National Journal of Industrial Engineering Journal, Volume VIII, Issue No 8, page 19 - 23, Aug 2015

International Journal Publications:

Pranjal Srivastava, Dr. Vivekanand S Gogi “Review on Use of Machine Learning In Operations Research” International Journal of Creative Research Thoughts, vol-12, issue-9, pp-309 – 3

Deepthi Galagali, Vivekanand S Gogi published a paper on “Design of B2B Marketing Strategy For The Meter Data Management System Software” in International Research Journal of Modernization in Engineering Technology and Science, Volume 3, Issue 6, page 3835 – 3840, e – ISSN: 2582-5208, June 2021. (Impact Factor 5.354)

1. Mir Mohammed Junaid Basha, Sonali Tukaram Wani, Navya V.S, Vivekanand S Gogi published a paper on “Study of Inventory Management in Pharmaceuticals:A Review of COVID-19 Situation” at International Journal of Innovative Science and Research Technology, Volume 5, Issue 8, pp. 366 – 371, August 2020, ISSN: 2456-2165
2. Anoop, Muhammad, Vivekanand S Gogi published a paper on “A brief Overview on Toyota Production System” in International Journal for Research in Applied Science & Engineering Technology, Volume 8, Issue V, page 2505 - 2509, ISSN: 2321 - 9653, May2020. (Impact Factor 7.429)
3. Anusha G, Jaivardhan Yadalam, Rakshan J Malli, Vivekanand S Gogi published a paper on “Implementation of Different Techniques for Productivity Improvement”, in International Research Journal of Modernization in Engineering Technology and Science, Volume 2, Issue 4, Page no 1327 - 1340, e - ISSN: 2582 - 5208, April 2020. (Impact Factor 1.525)

4. Vivekanand S Gogi, "Flexible manufacturing systems scheduling: A systematic review" Bonfring International journal of Industrial Engg.& Management science, volume 6, Issue 3, Pg No 61-62, scopus index 0.541.
5. Vivekanand S Gogi, "Reduction of Lead Time using Value Stream Mapping in Gear Manufacturing", in International Journal of latest Technology in Engineering, Management & Applied Science, ISSN: 2278 - 2540, Volume 3, Issue 7, page 91 - 98, July 2014.
6. Vivekanand S Gogi, "Generation of Genetic Maps Using the Travelling Salesman Problem (TSP) Algorithm", in International Journal of Scientific and Engineering Research, ISSN 2229-5518, Volume 5, Issue 6, page 364 - 371, June 2014
7. Vivekanand S Gogi, "Efficiency Improvement of a Plant Layout" in International Journal of Innovative Research in Science, Engineering and Technology, ISSN: 2319-8753, Volume 3, Issue 4, page 11203 - 11209, April 2014.
8. Vivekanand S Gogi, "Process Traceability-Systematic Review" in International Journal of Innovative Research in Science, Engineering and Technology, ISSN: 2319-8753, Volume 3, Issue 4, page 11199 - 11202, April 2014.
9. Vivekanand S Gogi, "Cluster Formation Using Kohonens Self-Organizing Map" in International Journal on Theoretical & Applied Research in Mechanical Engineering, ISSN 2319 – 3182, Volume 1, Number 1, pg 37 – 41, Oct 2012.
10. Vivekanand S Gogi, "Reduction of Changeover Time for 320 T Fine Blanking Press" in International Journal of Engineering & Manufacturing Science. ISSN 2249 – 3115, Volume 1, Number 1, pg 81-85, Jan – June 2011.

National Conference Publications:

1. Vivekanand S Gogi and K.S. Badarinarayana presented paper at the "Total Quality Management in Education" in National Conference on World Class Manufacturing Practices (WCMP-2007) on 2nd & 3rd April 2007 conducted by department of IP, Basaveshwar College of Engineering, Bagalkot.

Vivekanand S Gogi, Prachi Deshmukh, Sowmyas presented a paper on "Technology Forecasting Models for Decision Making" at Pratibimb – 2012 (Reflections of Emerging Technologies), conducted by Department of Industrial and Production Engineering, The National Institute of Engineering, Mysore during 5th May 2012.

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International Conference Publications:

Vivekanand S Gogi, Dr. C K Nagendra Guptha presented a paper on "Study & Analysis of Impact of Clustering of Machines On Performance Of Automated Storage And Retrieval System" at 4th International Conference on Functional Materials, Manufacturing & Performances (ICFMMP 2023) organized by Lovely Professional University in association with AIP Conference Proceedings (SCOPUS Index: 0.26), from 25th to 26th August 2023

Jeeval Kumari, Itish Garg, Samadrito Mukherjee, Priya Raj, Vivekanand S. Gogi presented paper on "A Review on the Evolution of Demand Forecasting Methods" at World Academy of Science, Engineering & Technology, ICIEOR 2022 : International Conference on Industrial Engineering and Operations Research, San Francisco, United States, ISNI:0000000091950263, Volume 16, from November 03 – 04, 2022

Vivekanand S Gogi, Mahantesh M Math, Shruthi M N, Ravishankar V presented a paper on "Design & Optimization of A Platform For Workflows In Industries – A Case Study" at 8th International

Conference on Business Analytics and Intelligence (ICBAI-2021) organized by Indian Institute of Science, Bengaluru from 20th to 22nd December 2021

Dr. Narahari N S, Vivekanand S Gogi presented a paper on “Mathematical Framework for The Development of A Strategic Decision Support System” at International Conference AORBI 2021, organized by Operational Society of India, Government Holkar (Model, Autonomous) Science College, Indore from 17th to 19th December 2021.

Sriraksha Murali, Shwetha R, M Abdul Haq, Vivekanand S Gogi presented a paper on " Crew Pairing Optimization in Indian Scenario" at International Conference on Trends in Industrial & Value Engineering Business & Social Innovation, ICIVBS - 2018, organised by Department of Industrial Engineering and Management, Dayanda Sagar College of Engineering, Bengaluru during 2nd to 4th April 2018

Samyukta R, Nishchitha M, Vivekanand S Gogi, Bhaskar M G presented a paper on "Bus Transportation using Face Recognition System " at International Conference on Trends in Industrial & Value Engineering Business & Social Innovation, ICIVBS - 2018, organised by Department of Industrial Engineering and Management, Dayanda Sagar College of Engineering, Bengaluru during 2nd to 4th April 2018

1. Shreyash P. Prasad, Vivekanand S. Gogi, Sunil R. Yalamalle presented a paper on “Case Study in Queuing Model for ATM Facility” at 3rd International Conference on Industrial Engineering & 57th National Convention of Indian Institution of Industrial Engineering (ICIE-2015) , organised by Sardar Vallabhai National Institute of Technology, Surat on November 26 - 28, 2015.
2. Lavanya S Hebale, Girija S Vivekanand S Gogi presented a paper on "Optimization of Cutting Parameters of CNC Turning – A review" at International Conference on Advanced Materials, Manufacturing, Management & Thermal Sciences [AMMMT 2013] organized by Department of Mechanical Engineering & Industrial Engineering and Management, Tumkur during 3rd – 4th May 2013.
3. Manjista Dey, Latha N, Shruthi V Aebare, Vivekanand S Gogi presented a paper on "Travelling Salesman Problem using C – Programming" at International Conference on Advanced Materials, Manufacturing, Management & Thermal Sciences [AMMMT 2013] organized by Department of Mechanical Engineering & Industrial Engineering and Management, Tumkur during 3rd – 4th May 2013.
4. Vivekanand S Gogi, Dr. K S Badarinaraya presented a paper on "Cluster Formation using Kohonen's Self Organizing Map" at International Conference on Mechanical and Industrial Engineering" conducted by Institute for Research and Development India, Bhubaneswar, Odisha at Goa on 28th August 2012, having ISBN: 987-93-81361-17-6, pg 21-25, 2012.
5. Vivekanand S Gogi, Dr A V Suresh: "REDUCTION OF CHANGEOVER TIME FOR 320 T FINE BLANKING PRESS" Accepted for publication in INTERNATIONAL JOURNAL OF ENGINEERING AND MANUFACTURING SCIENCE (IJEMS) and published in the month of October 2011.
6. Swathi Shetty, Swaraj Lahoty and Vivekanand Gogi presented a paper on "Redesigning of Layout using Systematic Layout Planning" at International Conference on "Operational Excellence for Global Competitiveness" (ICOEGC – 2011) organized by Department of Industrial Engineering and Management R. V. College of Engineering, Bangalore, in association with M/s ABCON Information Systems Pvt. Ltd., Bangalore during 3rd – 5th February 2011
7. Vikram N B, Dr. A.V. Suresh and Vivekanand S Gogi presented a paper on "Software Reliability and Testing Strategies" at International conference on Advances in Industrial Engineering Application" department of Industrial Engineering, Anna University Chennai during 6 – 8 January 2010.
8. Vivekanand S Gogi, Dr. A.V. Suresh and Vikram N B presented a paper on " Knowledge Management: An Emerging Discipline in Organization" at International conference on Advances in Industrial

Engineering Application" department of Industrial Engineering, Anna University Chennai during 6 – 8 January 2010

Vivekanand S Gogi, Dr. A.V. Suresh and Vikram N B presented a paper on "Knowledge Management: An Emerging Discipline in Organization" at International Conference on "Advances in Industrial Engineering Application" department of Industrial Engineering, Anna University Chennai during 6 – 8 January 2010.

Vivekanand S Gogi and K.S. Badarinarayana presented paper at the "National Conference on World Class Manufacturing Practices (WCMP-2007) on "Total Quality Management in Education" conducted by department of IP, Basaveshwar College of Engineering, Bagalkot from 2nd & 3rd April 2007.

CITATION

"Cluster Formation Using Kohonens Self-Organizing Map" International Journal Paper, Cited in 2014 **International Conference on Logistics Operations Management**, IEEE - GOL 2014, RABAT - MOROCCO, JUNE 05 - 07.

"Flexible Manufacturing Systems Scheduling: A Systematic Review." Bonfring International Journal of Industrial Engineering and Management Science 6 (3): 61–62, Cited in **International Journal of Production Research (Taylor & Francis)**, "Modelling of flexible manufacturing system: a review", Received 11 June 2017; accepted 26 September 2017.

"Flexible Manufacturing Systems Scheduling: A Systematic Review." Bonfring International Journal of Industrial Engineering and Management Science 6 (3): 61–62, Cited in **Journal of Supply Chain Management**, "Factors Analysis of ISCM Benchmarking Using DEMATEL Technique", 8 (1), page 1-14, 2019.

["Efficiency Improvement of a Plant Layout"](#) International Journal of Innovative Research in Science, Engineering and Technology, cited in **International Journal of Productivity and Quality Management (Inderscience Online)**, "A case study on productivity improvement in a display cases manufacturing industry", 10th Oct 2020.

"Flexible Manufacturing Systems Scheduling: A Systematic Review." Bonfring International Journal of Industrial Engineering and Management Science 6 (3): 61–62, Cited in **International Journal of Engineering Applied Sciences and Technology**, 2022 Vol. 6, Issue 10, ISSN No. 2455-2143, Pages 111-120, "A Method For Transformation Of EBOM To MBOM With Multi-Cad Environment In Automotive BIW Manufacturing", Published Online February 2022.

Workshop / Seminar Conference Attende

Attended a Six Day Hands on Faculty Training Program on "Sensing, Automation, IoT and Robotics" organized by the Departments of ME/EC/EE of RV College of Engineering in collaboration with SST Technologies, Bengaluru held during 21st Feb to 26th Feb 2022.

Attended a online one week Faculty Development Program on "Electric Mobility as a Future" organized by Dr. D.Y.Patil Institute of Engineering, Management and Research Akurdi, Pune in association with SAE India Western Section, from 25th October to 29th October 2021.

Attended a online seminar on "Qualitative & Quantitative Metrics in RAAF of NAAC" sponsored by NAAC organized by Rajalakshmi Engineering College, Thandalam, Chennai 602 105, on 17th September 2021.

Attended a online one week Faculty Development Program on "Universal Human Values Refresher 1 (Part 1)" organized by All India Council for Technical Education(AICTE) from 30 August, 2021 to 3 September, 2021.

Attended a two day work shop on "Examination Reforms" jointly conducted by All India Council for Technical Education (AICTE) and Chitkara University, Chandigarh from 8th to 10th July 2021

Attended a six day AICTE – RGPV Joint Teachers Training Program on "An Interdisciplinary Approach to Data Analysis and Visualization: Tools and Techniques", conducted by Rajiv Gandhi Proudhyogiki Vishwavidyalaya, Bhopal, M.P. from 5th July to 10th July 2021.

Attended a five day Faculty Development Program on “Universal Human Values” conducted by AICTE, New Delhi from 17th May to 21st May 2021.

Attended a One Week Continuing Education Program on “Big Data Analytics”, organized by R V Institute of Management, Bangalore, from 5th to 10th October 2020

Attended a A Two Week Online Certificate Program with Intensive Hands – on Training on “R Programming”, organised by Faculty of Humanities and Science, Adayalampattu Phase - II campus, Chennai from 14th to 25th September 2020

Invited Talk:

Given a talk in Online workshop on "Applications of Project Management Tools", conducted by MCA – RVCE for IIIrd & Vth Sem students on 17th December 2021.

Given a talk in online workshop on “Department Level Professional Societies & Interactions” as a part of first year orientation program conducted by RVCE, IEM on 14th December 2021.

Given a talk on Facilities Planning & Design at RV College of Engineering for Non-Teaching Staff on 12th June 2021.

Given a webinar talk on “Design Thinking Works” carried out by 4th sem IEM students in Webinar on Design Thinking, hosted by RVCE on 30th July 2020

Given a talk on “Facilities Planning” at Foreman Training Institute, Bengaluru on 17th Oct 2014

Given a talk on Facilities Planning & Design at RV College of Engineering for Non-Teaching Staff on 12th June 2021.

Given a talk in online workshop on “Department Level Professional Societies & Interactions” as a part of first year orientation program conducted by RVCE, IEM on 14th December 2021.

Given a talk in Online workshop on "Applications of Project Management Tools", conducted by MCA – RVCE for IIIrd & Vth Sem students on 17th December 2021.

Given a talk on “Heuristic Approaches to Plant Layout”, for VI sem IEM Student on 12th July 2022.

Given a talk on “Advanced Manufacturing Technologies”, for V Sem students and faculty of Motichand Lengade Bharatesh Polytechnic, Belagavi on 20th Dec 2022.

Given a talk on “Overview of Advanced Manufacturing Methods”, in Faculty Development Program, organized by Motichand Lengade Bharatesh Polytechnic in association with Centre for Continuing Technical Education in Karnataka, Belagavi on 17th April 2023

FACULTY DEVELOPMENT / TRAINING PROGRAMS ORGANIZED/ COORDINATED

Details	Institution	Duration	Position
2006			
Two week Faculty Development Program on Business Process Modeling	AICTE Sponsored program by Dept. of IEM, RVCE	17 th - 29 th July'2006	Organizing Committee Member
Synergy 2006 – A techno Management Festival	Dept. of IEM, RVCE	6 th - 7 th Oct' 2006	Organizing Committee Member
2007			
National workshop on Competency Mapping for Effective Performance.	Dept of IEM, RVCE	12 th May'2007	Organizing Committee Member

Three day program on Human Resource Development	Conducted by IHA Sponsored by AICTE at Dept. of IEM, RVCE	18 th – 20 th Dec 2007	Organizing Committee Member
2008			
8th Mile, Techno-Cultural Extravaganza	RVCE	28 th – 30 th March 2008	Event Coordinator
Three days faculty development program on Management and Entrepreneurship	RVCE, Bangalore	29 th – 31 st July 2008	Organizing Committee Member
2009			
Two day National Conference on Rapid prototyping and manufacturing	RVCE, Bangalore	12 th - 13 th May 2009	Organizing Committee Member
2010			
One day workshop on E-waste Management	RVCE, Bangalore	25 th March 2010	Organizing Committee Member
2011			
Three day International Conference on Operational Excellence for Global Competitiveness	RVCE, Bangalore	3 rd – 5 th Feb 2011	Sponsorship & Transportation Committee Member
One day Seminar on Recent Trends in Software Quality and Reliability	Dept. of IEM, & ED Cell, RVCE	13 th April 2011	Organizing Committee Member
Two day Workshop on Intellectual Property Rights	Dept of IEM, RVCE	18 th – 19 th Aug 2011	Organizing Committee Member
2012			
Three day workshop on Management Practices for Business Excellence and Sustainability	Dept of IEM, RVCE	8 th – 10 th Aug 2012	Organizing Committee Member & a coordinator for 2nd day.
2013			

Teacher's day	ISTE – RVCE Chapter	28 th Sep 2013	Executive Committee Member
Five day workshop on Applications of Operations Research in Transport & Logistics Sector	TEQIP – II Initiative & IEM, MCA & Mathematics Dept.	26 th – 30 th Nov 2013	Coordinator
2014			
Invited Talk	Foreman Training Institute	17 th Oct 2014	Invited Talk
Five day faculty development program on Emerging paradigm in Project Management	TEQIP – II Initiative & IEM	4 th - 8 th Aug 2014	Coordinator
Teacher's day	ISTE – RVCE Chapter	27 th Sept 2014	Executive Committee Member
7th International Congress of Environmental Research	Journal of Environmental Research And Development (JERAD), India and R. V. College of Engineering, Bangalore	26 th - 28 th Dec 2014	Session Co-chaired
2015			
Teacher's day	ISTE – RVCE Chapter	4 th Nov 2015	Executive Committee Member
2016			
One Week Short Term Course on Research Methodology	State Project Facilitation Unit (SPFU), Dept of ISE, CSE and IEM	6 th - 11 th June 2016	Organizing Committee Member
Inaugural Function	RVCE	31 st July 2016	Infrastructure committee Member
2017			
Three day workshop on Optimization using MATLAB	Dept of IEM, Maths with MATHLAB	16 th - 18 th Feb 2017	Coordinator
Three day workshop on Optimization In Design & Engineering	Dept of IEM with IIT Bombay	9 th - 11 th March 2017	Coordinator

Inaugural Function	RVCE	31 st July 2017	Infrastructure committee Member
2018			
Project Presentation	IEM, RVCE	24 th April 2018	Expert Panel Member
2020			
Invited Talk	RVCE	30 th July 2020	Design Thinking Works
2021			
Invited Talk	RVCE - Non-Teaching Staff	12 th June 2021	Facilities Planning & Design for
Invited Talk	First year orientation program	14 th Dec 2021	Department Level Professional Societies & Interactions
Invited Talk	Online workshop for MCA students, RVCE	17 th Dec 2021	Applications of Project Management Tools
2022			
Invited Talk	RVCE IEM Students	12 th July 2022	Heuristic Approaches to Plant Layout
2023			
Invited Talk	Motichand Lengade Bharatesh Polytechnic in association with Centre for Continuing Technical Education in Karnataka	17 th April 2023	Overview of Advanced Manufacturing Methods

RECOGNITION

Recipient of “Testimonial of Appreciation” given by National Level techno – Cultural Festival 8th Mile, RVCE on 28th to 30th March 2008

Certificate of Appreciation given by R V College of Engineering for publishing Technical Paper at National Conferences.

ASSOCIATION WITH PROFESSIONAL BODIES

Nature	Organization	Membership Number
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LIFE MEMBER	Indian Society for Technical Education (ISTE)	LM 397
SENIOR MEMBER	Indian Institution of Industrial Engineering (IIIE)	SM 9951(11)