SRES', Sanjivani College of Engineering, Kopargaon
(An Autonomous Institute affiliated to SPPU, Pune)
Staff Profile

Personal Information	
Name of Teaching Staff: Bhosale Kailash Changdeorao	
Designation: Associate Professor	
Department : Department of Mechanical Engineering	
Date of joining : 29/07/2009	
E Mail ID :	bhosalekailasmech@sanjivani.org.in
Contact No:	9422319829

Education Details

Qualification	Specialization with Class or Grade	University	Year
UG	B.E. Mechanical	Government College of Engineering, Aurangabad	2007
PG	M.E. Mechanical	Savitribai Phule Pune University, Pune	2011
Ph.D.	Production Engineering	Savitribai Phule Pune University, Pune	2021

Total experience in years:

Teaching:	14 Yrs.
Industry:	9 Yrs.

Research and Publications

1) Bhosale K.C, Pawar P.J., Material flow optimisation of production planning and scheduling problem in flexible manufacturing system by real coded genetic algorithm (RCGA), Flexible Services and Manufacturing Journal (2018), 31, 381-423, https://doi.org/10.1007/s10696-018-9310-5
2) Bhosale K.C, Pawar P.J., Production planning and scheduling problem of continuous parallel lines with demand uncertainty and different production capacities, *Journal of Computational Design and Engineering*, 2020, 0(0), 1-14, https://doi.org/10.1093/jcde/qwaa055.
3) Bhosale K.C⸴, Pawar P.J., Optimisation of operation allocation problem in flexible manufacturing system by Real Coded Genetic Algorithm, Materials Today: Proceedings 5 (2018) 7160–7167, https://doi.org/10.1016/j.matpr.2017.11.381

4) Bhosale K.C, Pawar P.J., Integrated Production Planning and Scheduling for Parallel Production Lines. In: Venkata Rao R., Taler J. (eds) Advanced Engineering Optimization Through Intelligent Techniques, Advances in Intelligent Systems and Computing, vol 949, 679-687. https://doi.org/10.1007/978-981-13-8196-6_59.

5) Bhosale K.C, Pawar P.J., Flexible Job Shop Scheduling for Press Working Industries with Operation Precedence Constraint, Process Integration and Optimization for Sustainability, . https://doi.org/10.1007/s41660-022-00222-w.

6) Bhosale K.C, Pawar P.J., Material Flow Optimisation in a manufacturing plant by using Real Coded Genetic Algorithm, Studies in Quantitative Decision Making, Asset Analytics, Diptesh Ghosh et al. (Eds): Studies in Quantitative Decision Making, 978-981-16-5819-8, 500298_1_En, (Chapter 5)].

Papers presented in conferences:

1) Bhosale K.C, Pawar P.J., Optimisation of operation allocation problem in flexible manufacturing system by Real Coded Genetic Algorithm, International conference on Manufacturing Excellence (ICMAX) at K.K. Wagh Institute of Engineering Education & Research, Nashik, Savitribai Phule Pune University, Pune, Maharashtra, India 3-4 March, 2017.

2) Bhosale K.C, Pawar P.J., Material flow optimisation of flexible manufacturing system using real coded Genetic Algorithm (RCGA), International Conference on Emerging Trends in Materials and Manufacturing Engineering (IMME17), March 10-12, 2017, National Institute of Technology, Tiruchchirapalli, Tamilnadu, India.

3) Bhosale K.C, Pawar P.J., Integrated production planning and scheduling for parallel production lines, International Conference on Advanced Engineering Optimization Through Intelligent Techniques (AEOTIT). S. V. National Institute of Technology (SV NIT), Surat, Gujarat, India. August 3-5, 2018.

4) Bhosale K.C, Pawar P.J., Material Flow Optimisation for Multistage, Multiproduct Parallel Lines by Real Coded Genetic Algorithm (RCGA), International conference on Manufacturing Excellence (ICMAX) at K.K. Wagh Institute of Engineering Education & Research, Nashik, Savitribai Phule Pune University, Pune, Maharashtra, India. 15-16 Feb, 2019.

5) Bhosale K.C, Pawar P.J., Material Flow Optimisation of a Capacitated Vehicle Routing Problem in a manufacturing plant by using Real Coded Genetic Algorithm, XXIII Annual International Conference of the Society of Operations Management, (SOM 2019), December 20 – 21, 2019, Indian Institute of Technology Kanpur,

INDIA.	

Research Profile URL	
Google Scholar	https://scholar.google.com/citations?user=NtA6o_oAAAAJ
Scopus	https://www.scopus.com/authid/detail.uri?authorId=5720125841 5
Orcid	https://orcid.org/0000-0002-9429-6572

Other Research Details	
Ph D Guide? Give field & University:	No
Ph Ds/ Projects Guided:	Nil
Books Published	Nil
IPRs/Patents	Nil
Professional Memberships:	LMISTE, LMIE
Interaction with professional institutions	Nil

Consultancy Activities			
Duration	**Title of Activity**	**Issued Organization**	**Amount**
2018-19	Development of standard process to reduce processing time of assembly line	Tata Technologies & Marathwada Association of Small Scale Industries & Agriculture (MASSIA)	40,000

Grants fetched			
Duration	**Title**	**Issued Organization**	**Amount**
Nil	Nil	Nil	Nil

Awards
Best paper award for Material Flow Optimisation for Multistage, Multiproduct Parallel Lines by Real Coded Genetic Algorithm (RCGA), International conference on Manufacturing Excellence (ICMAX) at K.K. Wagh Institute of Engineering Education & Research, Nashik, Savitribai Phule Pune University, Pune, Maharashtra, India. 15-16 Feb, 2019.

FACULTY DEVELOPMENT PROGRAMMES ATTENDED

Name of the FDP / Workshop	Organization	Duration	Month-Year
I.I.T. Kharagpur	Materials Engineering and industrial Applications:hybrid nanocomposites for photonics, energy and electronic devices	Two week	Nov. 11-22, 2013
One Week Workshop			
VIIT, Pune	Computer Aided drafting & programming using Autodesk technologies	One week	May 19-May 23,2008.
SRES COE, Kopargaon	Five days Mission 10X workshop	One week	December 19-23, 2011.
Sinhgad Academy of Engineering, Pune	Research methodology for innovative research in Mechanical Engineering	One week	April 16-21,2012
SVNIT Surat	FEM with MATLAB	One week	May 6-10, 2013
SVNIT Surat	Advanced Engineering optimisation Through Intelligent Techniques	One week	Jan. 27-31, 2014
SRES COE, Kopargaon	Design of experiments and optimisation techniques	One week	June 1-5, 2015
IIT Kharagpur	Advanced CAD CAM applications in CNC Machining	One week	April 20-26, 2018

FACULTY DEVELOPMENT PROGRAMMES ORGANIZED

Name of the FDP / Workshop	Organization	Duration	Month-Year	Capacity

SRES COE, Kopargaon	Microsoft Excel Basics	05 & 07 August, 2015	2015	60
SRES COE, Kopargaon	Microsoft Excel Basics	3-5, September, 2017	2017	120

INVITED LECTURES IN CONFERENCE/SEMINAR		
Title of Lecture/ Academic Session	**Title of Conference/ Seminar etc.**	**Organized By**

OTHER Professional URLs	
Personal Website	
Linked In Profile	**https://www.linkedin.com/in/kailash-bhosale-6b8a95125/**
GitHub URL	
YouTube Channel	**https://www.youtube.com/channel/UCqjcsNmcO7wYrejtuCzF_CQ**
Other	

Any Other: