


# Curriculum Vitae

1. Personal Details			
(i)	Name	<b>Dr. Sachin Balsara</b>	
(ii)	Father's Name	Shri Bhagirath Balsara	
(iii)	Date of Birth	XX/03/1979	
(iv)	Address for Communication	Department of IPE, SGSITS, Indore (MP)	
(v)	Permanent Address	Lakshmibai Marg, Dewas gate, Ujjain (MP) 456001	
(vi)	Contact Details	0731-2582372	
(viii)	Nationality/Religion	Indian	

2. Educational Qualifications					
No.	Degree	Year	University/Institute	Division	Specialization
1.	Ph. D.	2019	IIT Roorkee		IEM
2.	M.Tech.	2005	RGPVV, Bhopal	First (Hons.)	IEM
3.	B.E.	2001	SGSITS, Indore	First	Mechanical Engineering
<b>PhD/M.Tech. Dissertation Title:</b>					

3.	<b><u>Present Position Held</u></b>	Assistant Professor Department of Industrial and Production Engineering Shri G. S. Institute of Technology and Science, Indore
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## 4. Career History and Profile of Work Experience:

(a)	Academic / Teaching Experience and subjects taught :	
(i)	Assistant Professor, IPE Department SGSITS Indore from 07/10/2006 till Date	
(ii)	Lecturer, ME Department MIT Ujjain from 01/07/2006 to 30/09/2006	
(iii)	Guest Faculty, ME Department Govt. Plytechnic Ujjain from 01/10/2001 to 30/06/2003	
(b)	<b><u>Other Academic Experiences and positions/responsibilities held</u></b>	
(i)	OSD Central valuation November 2018 Exam, SGSITS Indore	
(ii)	Supervisor/ Observer, Professional Examination Board, Bhopal	
(c)	<b><u>Relevant Administrative Experience</u></b>	
(i)	Member, Annual Physical Verification Committee, SGSITS Indore	
(ii)	Presiding Officer, Vidhan Sabha Election and Lok sabha Election	
(iii)	Counting Supervisor, Vidhan Sabha Election and Lok sabha Election	
(d)	<b><u>Other Academic cum Administrative Experiences and Positions Held</u></b>	
(i)	Faculty advisor, SUPRA SAEINDIA 2019	

(ii) (iii)	(a)	<b><u>Post Graduates/Ph. D. Scholar Guidance</u></b>
	(b)	<b><u>P.G. Dissertation Guidance</u></b>
	(i)	Ronnie Chatterjee, 2021, Sustainability evaluation in cement industry with MCDM method
	(ii)	Lakshy Caugh, 2021, Evaluating the effect of infill density and shape geometry on the performance of FDM 3D printed components
	(iii)	Mragendra Singh Bhadoria, 2014, Optimization of process and coil design parameters for electromagnetic forming process using Finite Element Analysis
	(iv)	Aman Dev Dongre, 2014, ERP Implementation by using SAP Material Management (MM) Module
	(v)	Sandeep Yadav, 2013, Integration of Process Planning & Scheduling in Flexible Manufacturing System
	(vi)	Priyavrat Kumar, 2012, Clean Development Mechanism prospects of a Wind power project – A Case Study
	(vii)	Priyanka Mendiratta, 2011, Computations of certified emission reduction for swing mill – A Case Study
	(xi)	Richa Thakur, 2011, CDM- Fuel switch from High carbon intensity fuel to R-LNG – A Case Study
(i) (ii) (iii)	(c)	<b><u>Research Projects</u></b>
	(d)	<b><u>Technical Papers Publications</u></b>
	(I)	<b><u>International and National Journals</u></b>
	(i)	Sachin Balsara, Pramod Kumar Jain, and Anbanandam Ramesh. “An integrated approach using AHP and DEMATEL for evaluating climate change mitigation strategies of the Indian cement manufacturing industry” Environmental Pollution, 252 (2019) 863-878, (Elsevier, SCI Journal), ISSN: 0269-7491 <a href="https://doi.org/10.1016/j.envpol.2019.05.059">https://doi.org/10.1016/j.envpol.2019.05.059</a> Impact Factor: 5.71
	(ii)	Sachin Balsara, Pramod Kumar Jain, and Anbanandam Ramesh. “An integrated methodology to overcome barriers to climate change mitigation strategies: a case of the cement industry in India” Environmental Science and Pollution Research, 1-25. (SCI Journal), Springer DOI <a href="https://doi.org/10.1007/s11356-020-11566-6">https://doi.org/10.1007/s11356-020-11566-6</a> Impact Factor: 3.306
	(iii)	Sachin Balsara, Pramod Kumar Jain, and Anbanandam Ramesh. ) "Analyzing enablers of emission reduction strategies of cement-manufacturing industry of India under fuzzy environment." Advances in Simulation, Product Design and Development. Springer, Singapore, 2020. 571-581.
	(iv)	Sukhlal Mujalda, Devendra Singh Verma, Atul Modi, Sachin Balsara “An Application of Quality Function Deployment for Modular Kitchen” International Journal of Innovative Research in Science Engineering and Technology Vol. 4, Issue 6, June 2015 ISSN(Online): 2319-8752

(iii)	Faculty Development Programme (FDP) on Advancement in thermal system and their design at MIT Ujjain from 04/08/2020 to 08/08/2020
(iv)	TEQIP Faculty Development Programme (FDP) on “Quality Management: Importance, Issues, and Challenges, From 17/06/2019 to 21/06/2019 (One week)
(v)	Workshop on “ Outcome Based Education And Accreditation for Engineering Programmes” from 03/05/2019 to 04/05/2019 (Two Days)
(vi)	Workshop on “ Remote Sensing and Satellite Technology” from 17/10/2018 to 18/10/2019 (Two Days)
(vii)	QIP short term course on “Innovative Products: Conceptualisation to Commercialisation” from 25/06/2018 to 29/06/2018 (One week)
(xi)	QIP short term course on “Capacity Building Program on Entrepreneurship Education” from 11/06/2018 to 15/06/2018 (One week)
(x)	QIP short term course on “Quality Management: Issues, Tools and Techniques” from 29/05/2017 to 09/06/2017 (Two week)
(xi)	TEQIP Course on “Sustainable Environmental Management” from 27/03/2017 to 31/03/2017 (One week)
(xii)	Seminar on “Plagiarism and Impact of Research” 04/03/2017 at IIT Roorkee
(xiii)	Training Workshop on “Reference Management Software - Mendeley” 28/01/2017 (One Day) at IIT Roorkee
(xiv)	QIP short term course on “Make in India: Dreams to Reality” from 03/01/2017 to 14/16/2017 (Two week)
(xv)	Workshop on “Optimization Techniques for Solving Industrial Problems (OTSIP – 16)” 15/10/2016 (One Day)
(xvi)	Short course on “Nurturing Innovation for IP creation & Management in HEIs” from 13/09/2016 to 17/09/2016 (One week)
(xvii)	Training of Trainers (ToT) program on “Policy Based IP Creation & Management” from 22/02/2016 to 26/02/2016 (One week)
(xviii)	QIP Workshop on “Make in India: Importance of Operation and Supply Chain Management” from 06/02/2016 (One day)
(xix)	Recent Trends in Teacher-Society Relation: Challenges & Opportunities from 11 July 2014 to 12 July 2014
(xx)	Engineering Mechanics from 26 Nov.2013 to 06 Dec.2013
(xxi)	E-Foundry: Casting Design and Simulation 03 Aug. 2013
(xxii)	Database Management Systems from 21 May 2013 to 31 May 2013
(xxiii)	Recent Trends in Renewable Energy Sources and their Applications 30 March 2013
(xxiv)	Engineering Thermodynamics from 11 Dec. 2012 to 21 Dec.2012
(xxv)	Aakash for Education from 10 Nov. 2012 to 11 Nov.2012
(xxvi)	Introduction to Research Methodologies from 25 June 2012 to 04 July 2012

<b>11.</b>	<b><u>Invited Lectures/Talks Delivered</u></b>

<b>12.</b>	<b><u>Any other relevant information</u></b>
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**Dr. Sachin Balsara**  
**Assistant Professor, IPED**