

## RESUME

### 1. Personal Information :

**Name** : Dr. Sharad Chandra Srivastava  
**Department** : Industrial & Production Engineering  
**Present Designation** : Professor  
**Date of Birth** : 29<sup>th</sup>September, 1973  
**Sex** : Male  
**Nationality** : Indian  
**Mailing Address** : Professor, Department of Industrial & Production Engineering ,  
SoS, Engineering & Technology,  
GGV (Central University) Koni,Bilaspur  
  
**Permanent Address** : 92/246, Preetam Nagar  
Allahabad-211001  
**M.Phone** : 09431382634, 7250306654  
**Email Address** : sharadscs2@gmail.com sharad\_scs@yahoo.com ,

### 2. Educational Qualification: [Starting from High School (10)]

#### a] Details of Examinations passed

Sl. No.	Examination Passed	Year of Passing	Board/University	Subject/Discipline	Percentage/ CGPA	Class/Division
1.	High School	1987	U.P.Board	Hindi,Maths,Biology English,Science,Social- Science.	II	56.3
2.	Intermediate	1989	U.P.Board	Hindi,Maths,English,Physics, Chemistry	I	64.0
3.	B.E	1998	Karnataka University Dharwad	Industrial Production,	I	66.85
4.	M.E	2002	MNNIT Allahabad	CAD/CAM	I	72.28
5.	Ph.D(Engg.)	2009	B.I.T.Mesra Ranchi	Department of Production Engineering		

#### Ph. D. Degree:

Degree	Date of Registration	Date of Award	University/Institute	Title of the Thesis
Doctoral PH.D(Engg.)	06-04-2004	March 30 <sup>th</sup> 2009	B.I.T.Mesra, Ranchi	<b>Title of the thesis:</b> Intelligent Controller for Flexible manufacturing Environment

**3. Employment Record:** [Chronologically, starting from present employment]

Sl. No.	Name of Post	Date of Joining	Date of leaving	Pay Scale	Basic Pay	Name of Employer	Experience In Years
1	2	3	4	5	6	7	8
1.	Professor	30 <sup>th</sup> June 2020	Continuing till date		Rs. 144000	Department of Industrial & Production Engineering, SoS, Engineering & Technology, GGV (Central University) Koni, Bilaspur	2Months
2.	Associate Professor	24 <sup>th</sup> Feb. 2012	29 <sup>th</sup> June 2020	Rs.37400- Rs.67000+(AGP Rs.9000)/	Rs. 44,820.00/	Department of Production Engineering of B.I.T, Mesra, Ranchi.	08 Years 4 Months
3.	Reader (Associate Professor)	23 <sup>rd</sup> Feb. 2009	23 <sup>rd</sup> Feb. 2012.	Rs.12000-400- Rs.18300+(Basic Rs.13260)/	Rs. 13260/	Department of Production Engineering of B.I.T, Mesra, Ranchi.	03Years
4.	Sr. Lecturer	1,June 2007	22 <sup>nd</sup> Feb. 2009.	Rs.10000-325- Rs.15200+(Basic Rs.10975)/	Rs.10975	Department of Production Engineering of B.I.T, Mesra, Ranchi.	01Years 9 Months 23 Days
5.	Lecturer	March 10 <sup>th</sup> , 2003	31 <sup>st</sup> May 07.	Rs.8000-275- Rs.13500+(Basic Rs.9100)/	Rs.8275	Department of Production Engineering of B.I.T, Mesra, Ranchi.	04Years 2 Months 21 Days
6.	Lecturer	August 19 <sup>th</sup> , 2002	March 3 <sup>rd</sup> , 2003.	Rs.8000-275- Rs.13500+(Basic Rs.8275)/	Rs. 9100	Mechanical Engineering Department of Dehradun Institute of Technology, Dehradun	7 Months 12 Days
7.	Guest Lecturer	March 10 <sup>th</sup> , 2002	July 20 2002.	Rs.6000/-( Rs.350/per lecture)		Department of Management Science, G.B Pant Social	4 Months

						Science Institute, Allahabad	
8.	Production Engineer	5 <sup>th</sup> Oct. 1999	10 <sup>th</sup> July 2000	Rs.8000/Consolidated		Prime steel & Forgings Pvt. Ltd. Ghaziabad	9 Months

**Total Experience :**

**Teaching & Research : 19 Years**

**Industry : 6 Months**

**Research Interests:**

Flexible Manufacturing System, Integrated manufacturing and resource planning, Group Decision Making, Application of Neural Network, Genetic Algorithms, Simulated Annealing Algorithms on industrial engineering and design optimization problems, Composite materials, and Finite Element Methods.

**Teaching Interests:**

Operation Research, Metrology, Machine Tool Design, Manufacturing Processes, Welding Technology, Project engineering, Operation management, Robotics and FMS, Engineering Mechanics, CAD/CAM, Strength of materials, Competitive manufacturing Strategy.

**4. Contribution as a Supervisor:**

**4. [a] Details of Ph.D. Thesis supervised :**

Sl. No.	Title of Ph.D. Thesis	Institute	Name of student[s]	Other Supervisor[s], if any	Status Awarded
1.	"Architecture Models for tuning mission critical real time applications for high performance"	B.I.T, Mesra, Ranchi.	N.Muralidaran	Dr.Nandlal L. Sarda Professor I.I.T., Bombay	Awarded on April 30, 2019
2.	"An Integrated Lean Manufacturing and six Sigma Model for Improving Competitive advantage of Manufacturing Industries"	B.I.T, Mesra, Ranchi.	Sanjiv Kumar Tiwari, (Ph.D./ PE/1001/11)	Dr.R.K.Singh	Awarded on 3 <sup>rd</sup> June 17

**[b] Details of Ph.D. Thesis On-going as Co-supervisor:**

Sl. No.	Title of Ph.D. Thesis	Institute	Name of student[s]	Other Supervisor[s], if any	Year	Status [Complete/ ongoing]
1.	"Application of RFID in manufacturing & logistics"	B.I.T, Mesra, Ranchi	Subir Kumar (Ph.D./ PE/10001/13)	Dr.R.K.Singh	2013	Ongoing
2.	Microwave Sintered Products	B.I.T, Mesra, Ranchi.	Arbind Kumar (Ph.D./ PE/10051/14)	Dr.S.Datta	2015	Ongoing

**[C] Details of P.G. Thesis supervised : (Guidance of PG Thesis of minimum duration of 1 year in full time degree awarded)**

Sl. No.	Title of Thesis	Institute	Name of student[s]	Co-Supervisor[s], if any	Year
	An Indigenous speech recognition and Embedded vision system for industrial Robot	Department of Production Engineering of B.I.T, Mesra, Ranchi	BALAKRISHNAN. B (MT/AMS/10001/18)	Dr. Somak Datta	2018-20
1.	"Performance Enhancement of FMS Decision Making Techniques"	Department of Production Engineering of B.I.T, Mesra, Ranchi	Shreyanshu Parhi (M.E/A.M.S/10010/2015)		2016-2017
2.	"Design and Fabrication of filament winding machine"	Department of Production Engineering of B.I.T, Mesra, Ranchi.	Shariqul Hoda (ME//AMS/10014/13)		2015-16
3.	" Cut length optimization of slab using six sigma tools"	Department of Production Engineering of B.I.T, Mesra, Ranchi.	Khusubu Rani (ME//AMS/10012/13)	Mr. Rajeev Kumar	2014-15
4.	"Condition Monitoring and Fault Diagnosis using Wavelet Transfer"	Department of Production Engineering of B.I.T, Mesra, Ranchi.	Aditya Prakash (ME//AMS/1009/12)	Mr.Sumit Srivastava	2013-14
5.	"Rescheduling of a flexible manufacturing environment under random machine breakdown".	Department of Production Engineering of B.I.T, Mesra, Ranchi.	Sandeep Kumar (ME//AMS/1004/12)		2013-14
6.	"Metaheuristic approach for generalized cell formation problem"	Department of Production Engineering of B.I.T, Mesra, Ranchi.	Subir Kumar (ME//AMS/1011/11)		2012-13
7.	"Supply Chain Optimization Model under Uncertainty"	Department of Production Engineering of B.I.T, Mesra, Ranchi.	Anurag Singh, (ME//AMS/1006/10)		2011-12
8.	"An Augmentation in Production System through assimilating Lean Manufacturing - SixSigma "	Department of Management B.I.T, Mesra, Ranchi.	Rajesh Kumar Singh (ME//QEM/1002/10)	Dr.Utupal Paul	2011-12.
9.	"The reflection of Total Quality	Department of Management	Shantanu Chawdhuray (ME//QEM/1005/10)	Dr.Utupal Paul	2011-12.

	Management on business performance"	B.I.T, Mesra, Ranchi.			
10.	"An Integrated Approach for Pre-Release Decisions in FMS.	Department of Production Engineering of B.I.T, Mesra, Ranchi.	Md.Shadab Anwar (ME/AMS/1006/2009)	Mr.Binay Kumar	2011-12
11.	"Enhancement of Quality for a Product using Modularity Approach"	Department of Management B.I.T, Mesra, Ranchi.	Sanjiv Kumar Tiwari, (M.E./QEM/ 1001/09).	Dr.Utupal Paul	2010-11
12.	"Improvement of Overall Business Performance due to Implementation of TQM in small scale Industry"	Department of Management B.I.T, Mesra, Ranchi.	Kriti Kumari, (M.E./QEM/ 1002/09)	Dr.Utupal Paul	2010-11.
13.	"Intelligent Scheduling of Flexible Manufacturing Systems"	Department of Production Engineering of B.I.T, Mesra, Ranchi.	Ravi Ranjan, M.E. (AMS),		2005-06.
14.	"Developing Effective strategies for automating the decision making in FMS"	Department of Production Engineering of B.I.T, Mesra, Ranchi.	Ujjwal Nag, M.E. (AMS),	Dr.S.Kumar	2004-05.

**[D] Details of Some U.G. Projects supervised :**

Sl. No.	Title of Project	Institute	Name of student[s]	Year
1.	Analysis of Different Material on Brake Pedal of an Off-road racing car using FEM	B.I.T, Mesra, Ranchi	Ankit Singh, Vivek Kumar, Aman Mathur	2017
2.	Characterization and evaluation of Aluminium Fly Ash Composite	B.I.T, Mesra, Ranchi	Sourav Kumar, Pratyush, Rahul Sardar	2017
3.	Machine condition monitoring vibration analysis	B.I.T, Mesra, Ranchi	M. Saikant Reddy, Ch. Kushal Reddy	2017
4.	"Analysis of the Characteristics Properties of Microwave and Furnace Sintered Barium Titanate"	B.I.T, Mesra, Ranchi	Amrit Raj, Akash Bajpai, Mrityunjay Pandey	2016
5.	"Tabu search for the single row facility layout problem"	B.I.T, Mesra, Ranchi.	Pallavi srivastava & Holika tigga	2014
6.	A sustainable and profitable model for Supply chain management	B.I.T, Mesra, Ranchi	Ravi, Piyush Agrawal	2012
7	Impact Analysis of Mini-Baja Car	B.I.T, Mesra,	Ashutosh Kumar Mishra &	2012

		Ranchi.	Chandrashekhra Meena	
8	Transient Thermal Analysis of a Casting Process Ansys 11.0	B.I.T, Mesra, Ranchi.	A. K.Mishra & C. Meena	2011
9.	Job Shop Scheduling Using GA	B.I.T, Mesra, Ranchi.	Amita Jojo	2011
10.	Development of Cell formation algorithm using Jaccard's Similarity Coefficient	B.I.T, Mesra, Ranchi.	Sourav acharya	2010
11.	Design and Fabrication of Progressive Die	B.I.T, Mesra, Ranchi.	Ajay Kumar & Vikash Kumar	2009
12.	To Study the effect orientation on mechanical properties of specimen manufactured by EDM machine	B.I.T, Mesra, Ranchi.	Manish Kumar Singh, Rajesh Kumar, Danish Ahmad	2008
13.	Modelling and FEM Analysis of machine element with help of Ansys	B.I.T, Mesra, Ranchi.	Amit Kumar ,Ajay Kumar	2006

### 5. Administrative Experience;

Sl. No.	Designation	Period	Nature of Responsibility	Organization
1.	Working as Coordinator of NBA, SoS, Engineering & Technology, GGV (Central University) Koni,Bilaspur	27 <sup>th</sup> July - till date	To conduct and manage all U.G student activities (Syllabus revision, Registration UG, Project Co-ordination, etc), CO, PEO, Mapping all subjects, course file, lecture plan, and other relative documents	SoS, Engineering & Technology, GGV (Central University) Koni, Bilaspur
2.	Worked as U.G. and Ph.D. coordinator Department of Production Engg	2011-2019	To conduct and manage all U.G and Ph.D student activities (Syllabus revision, Registration UG, Project Co-ordination, etc)	B.I.T., Mesra, Ranchi
3.	Coordinator of NBA, UGC, and AICTE, Department of Production Engg	2014-2019	CO, PEO, Mapping all subjects, course file, lecture plan, and other relative documents	B.I.T., Mesra, Ranchi
4.	Examiner and Member of Jharkhand Public Service Commission (JPSC) Jharkhand	2013 -2019	Question preparation, Evaluation of answer sheet execution of on line exam.	JPSC Circular Road, Ranchi.
5.	Welding Lab, Metrology , and Simulation Lab. Prof. Incharge	2011-2019	Conducting experiments, maintenance, Up-gradation of Metrology lab, Setup, Installation and maintenance of systems and software of Simulation lab.	B.I.T., Mesra, Ranchi
6.	Worked as a Secretary of B.I.T. Co-operative Society	2012- June 2016	Administration, Policy Decisions, Purchasing , Invite quotations, Prepare comparative charts, Indentation. and purchase	B.I.T. Mesra, Ranchi

			of goods. <b>(turn over approx. 25 Lakh per month)</b>	
7.	Member of Centralized Hostel Purchase Committee	2011-2013	Purchase of Beverage ,& other items for hostel mess	B.I.T. Mesra, Ranchi
8.	Worked as secretary of BIT Staff Club	2009	Organizing various events of Staff Club	B.I.T. Mesra, Ranchi
9.	Worked as a Coordinator of Anti ragging Committee	2013-14	To make surprise raids on hostels and other places vulnerable to incident and having the potential for ragging and shall be empowered to inspect such places.	B.I.T. Mesra, Ranchi
10.	Member of Hostel Disciplinary Committee	2012	Investigation of Disciplinary cases & submission of respective verdicts to the top managements	B.I.T. Mesra, Ranchi
11.	Member of Purchase Committee	2013-2020	Invite quotations, Prepare comparative charts, Indentation. and purchase of equipments	B.I.T., Mesra, Ranchi
12.	Departmental Representative of UG Program Evaluation Committee at Institute level	2011 -2020	Farming of syllabus, course structure and policies related to UG Program, Implementation of Credit System	B.I.T. Mesra, Ranchi
15.	Member of Ph.D and M.E Evaluation Committee in Department	2011-2020	Allotment of guide, Finalization of topic, Progressive & final evaluation of M.E Thesis	B.I.T. Mesra, Ranchi
14.	Working as <b>Warden</b> of boys hostel.	2005 -July 2014	Administration	B.I.T., Mesra, Ranchi
15.	Organizing Committee Member of Athletics Meet	2004 -2013	To Conduct annual athletics meet	B.I.T., Mesra, Ranchi
16.	Organizing Committee Member of Convocation	2004-2013	Seating arrangement, Gown distribution & collection,	B.I.T., Mesra, Ranchi
17.	Prof. In-charge Student Souvenirs Committee	2009-10	To Supervise students in Preparation of Souvenirs,its publication & distribution	B.I.T., Mesra, Ranchi
18.	Coordinator on line Exam of Department of Production Engineering	2009-12	Question preparation, execution of on line exam.	B.I.T. Mesra, Ranchi.

## 6. Patents Applied :

S.No.	Title of Patent	Office	Application No.	Date of filing Application
1.	<b>Filament winding Machine</b>	Proposal Submitted at	<b>201731005223A</b>	14/02/17

		Patent Office, Kolkata		
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**7. Research Publications Based on Academic Performance Indicators (API)  
(Research Publications and Academic Contributions)**

**A. Research Publications in International Journals (Latest to oldest)**

Sl. No.	Title with Page nos. with date/year of Publication	Journal	ISSN/ ISBN No.	Refer eed/N on refere ed	Impact factor	No. of Co-authors
1.	Determination of crack growth direction for multiple offset edge cracks of finite plate PP.185-198, 2017	Engg. Solid Mechanics, Growing science limited	2291 - 8752	Refer eed	0.90	02
2.	Determination of Fracture Parameters for Multiple Cracks of Laminated Composite Finite Plate (Published Online 01 August 2017)	Applied Composite Materials Springer	0929-189X	Refer eed	2.11	03
3.	A GA-NN Approach for Designing an Adaptive Production Control System for FMS,	Communicated International Journal of Applied Engineering Research	1087-1090	Refer eed	4.336	Nil
4.	A Brief Theory on Latest Trend of Filament Winding Machine, Vol. 3, No. 3, 2016	International Journal of Advanced Engineering Research and Science	2349-6495	Refer eed	4.072	01
5.	Flexural Analysis of FGM Plate Under Uniform Line Load by Using Meshless, pp. 151-161, Vol. 6, No. 3, 2016	International Journal of Research in Engineering and Applied Sciences	2249-3905	Refer eed	6.573	02
6.	Reduction of Reworks in Green Sand Casting Process: A Six Sigma Prospective, pp. 3141-3150, Vol. 11, No. 5, 2016	International Journal of Applied Engineering Research	1087-1090	Refer eed	4.336	02
7.	Approach for the analysis of FGM plate under sinusoidal varying pressure load by RBF method Vol. 3, Issue 3, March 2016	International Advanced Research Journal in Science, Engineering and Technology	2394-1588	Refer eed	1.455	02

8.	Optimization of Green Sand Casting Process Parameters for Enhancing Quality of Mild Steel Castings, pp. 127-141, Vol. 17, No. 2, 2016	International Journal of Productivity and Quality Management	1746-6482	Refer eed	Nil	02
9.	Ever Changing Business and Technology Landscape: Transformation Alternatives, Vol. 3, No. 1, 2015	International Journal of Advanced Computational Engineering and Networking	2320-2106	Refer eed	2.849	02
10.	LFDS: Scalable and High Performance Logging for Mission Critical Real Time Applications, pp. 13-28, Vol. 9, No. 6, 2015	International Journal of Software Engineering and Its Applications	1738-9984	Refere ed	Nil	02
11.	Lean and efficient Business Tier for Performance Scaling, pp. 31-40, Vol. 118, No. 7, 2015	International Journal of Computer Applications	0975 – 8887	Refere ed	0.715	02
12.	Implementation insight for High Performance Messaging Solution, pp. 165-174, Vol. 3, No, 5, 2015	International Journal of Computer Sciences and Engineering	2347-2693	Refer eed	2.162	02
13.	Assessing the Success of Six Sigma: An Empirical Study, pp. 12-23, Vol. 4, No. 1, Jan.-June, 2015.	Asian Journal of Engineering and Applied Technology	2249-068X	Refer eed	Nil	02
14.	Establishment of AGVs fleet size in FMS Using Petri-Net, pp. 1092-1097, Vol. 4, No. 4, 2015	International Journal of Science, Engineering and Technology Research (IJSETR)	2278-7798	Refer eed	3.59	01
15.	An adaptive factory scheduling controller using a hybrid AI based methodology, pp. 1-6, Vol. 10, No. 1, Jan- July, 2014	An International Journal Manufacturing Technology and Research	0973-0281	Refer eed	Nil	01
16.	Six Sigma Project Section Using Extent Fuzzy AHP: An Empirical Study, pp. 50-63, Vo. 2, No. 2, 2013	International Journal of Research in Industrial Engineering	1925-7805	Refer eed	4.90	02
17.	Priority Rule Based Genetic Algorithm Approach for Non Polynomial Complete Job Shop Scheduling Problem, pp. 73-78, Vol. 8,	An International Journal Manufacturing Technology	0973-0281	Refer eed	Nil	01

	No. 1, January-June, 2013	and Research				
18	Designing a Cellular Manufacturing System by GA Based Approach, pp. 27-30, Vol. 9, No. 2, July-Dec., 2013.	An International Journal Manufacturing Technology and Research	0973-0281	Refer eed	Nil	01
19	Improving a Flexible Manufacturing Scheduling using Genetic Algorithm, pp. 146-150, Vol. 2, No. 2, July 2013	Journal of Academia and Industrial Research (JAIR)	2278-5213	Refer eed	5.12	01
20.	A Methodology to Optimize Performance Attributes of Product Through Modularization During Concept Development Phase, pp. 63-73, Vol. 8, No. 2, July-Dec., 2012	An International Journal Manufacturing Technology and Research	0973-0281	Refer eed	Nil	01
21.	Effects of Using Simulated Annealing Approach for Optimum Scheduling, pp. 137-143, Vol. 1, No. 2, 2012	Global Journal for Current Engineering Research	2265-2765	Refer eed	1.683	01
22.	Development of Intelligent Agent Based AGV Controller for Flexible Manufacturing System, pp. 780-797, Vol.36, No.7-8, 2008	International Journal of Advanced Manufacturing Technology Springer	1433-3015	Refer eed		03

#### 7. [B]. Research Publications in Conference Proceeding as full papers etc.

##### International Conference

Sl.No.	Title with Page nos., date/year/ Publication	Details of Conference	ISSN/ ISBN No.	No. of Co-author s	First/Princi pal/Corresp onding /supervisor/ Mentor/Oth ers (Author)
1.	An approach of minimizing energy consumption in the machining system using job sequences varying technique	AIMTDR 2018 Conference		01	
2.	Microwave Versus Conventional Sintering Processing in Iron and Steel Plants: A review of Microwave Sintering Process in Iron and Steel Plants	International Conference on Evolutions in Manufacturing : Technologies	978-93-86256-11-9	03	Supervisor

		and Business Strategies for Global Competitiveness			
3.	Choice of Design Techniques for Scaling Mission Critical High Volume Applications, pp. 52-59, March 22 - 27, 2015	The Fifth International Conference on Business Intelligence and Technology (BUSTECH 2015)		02	Supervisor
4.	Evolving Artificial Neural Network with the Use of Hybrid Strength Pareto Evolutionary Algorithm and Back Propagation Algorithm, pp. 331-337, August 18-20, 2005	International Symposium on Intelligence Based Materials and Manufacturing		03	Supervisor

#### 7. C. Papers Presented in International /National Conferences /Seminars/Workshops etc.

Sl. No.	Conference/ Workshop/ Seminar	Organized by	Title of the Paper	Main Author /Co-Author	Participated/ Presented	International/National/ State/Local	Duration	
							From	To
1.	IEEE International Conference on Intelligent computing & control system (ICICCS)	Vaigai College of Engineering Madurai	The effect of control decision systems towards the performance	Main	Presented	International	June 15 <sup>th</sup> , 2017	June 16 <sup>th</sup> , 2017
2	International Conference on Advances in Materials and Manufacturing (ICAMM '17),	NIFFT Hatia, Ranchi, January 19-21, 2017, ISBN: 978-93-86256-36-2	Decision-making for Control of Flexible Manufacturing Systems	Main	Presented	International	January 19 2017	January 21 2017
3.	IEEE Conference on ICECA,	RVS Technical campus, Coimbatore	Responsiveness of Decision-Making Approaches Towards the	Main Author	Presented	International	April 20 <sup>th</sup> 2017	April 24 <sup>th</sup> 2017

		Tamilnadu , India , 978-1-5090-5686-IEEE 276	Performance of FMS					
4.	International Conference on Conference on EMTBS for Global Competitiveness	Department of Production Engg. B.I.T .Mesra, Ranchi Nov. 12 <sup>th</sup> -13 <sup>th</sup> ,2016	Implementation of Reactive and Proactive Decision Making Strategies for FMS Control ,	Main Author	Presented	International	November 12 <sup>th</sup> , 2016	November 13 <sup>th</sup> , 2016
5.	International Conference on EMTBS for Global Competitiveness	Department of Production Engg. B.I.T .Mesra, Ranchi Nov. 12 <sup>th</sup> -13 <sup>th</sup> ,2016	Implementation of Lean Paradigm in an Indian Facility: A Case Study	Third Author	Presented	International	November 12 <sup>th</sup> , 2016	November 13 <sup>th</sup> , 2016
6.	International Conference on EECMPE -New Delhi	ICEECMPE November 8 <sup>th</sup> 2014	Ever changing Business and Technology Landscape: Transformation Alternatives	Second	Presented	International	8 <sup>th</sup> 2014,	8 <sup>th</sup> 2014,
7.	National Conference on Challenges of Efficient Energy Technology For Clean Energy-21st Century (CEETCE-21st Century) ,	Eshan College of Engineering Farah, Mathura	Optimizing job shop scheduling using genetic algorithm , pp.113-116, 23 <sup>rd</sup> -24 <sup>th</sup> May 2013	Second	Presented	National	23 May 2013	24 <sup>th</sup> May 2013
8.	National Conference on Recent Advances in Mechanical Engineering, RAME	BSA college of Engineering & Technology, Mathura	Conceptual review of Tube Material Formability, Frictional and Tribological aspects of Tube Hydroforming Process	Main Author	Presented	National	25 <sup>th</sup> March, 2011	26 <sup>th</sup> March, 2011
9.	National	BSA	Conceptual	Main	Presented	National	25 <sup>th</sup>	26 <sup>th</sup>

	Conference on Recent Advances in Mechanical Engineering, RAME	college of Engineering & Technology, Mathura	Review of Tube Material Formability, Frictional and Tribological Aspects in case of Tube Hydroforming Process	Author			March, 2011	March, 2011
10.	20 <sup>th</sup> AIMTDR	Department of Production Engineering, B.I.T., Mesra, Ranchi in collaboration with Council of Science and Technology, Jharkhand and DST, Govt. of India	Metaheuristic Approach for generalized cell formation Problem	Main Author	Presented	International	13 <sup>th</sup> Dec., 2002	15 <sup>th</sup> Dec., 2002

**[D].Book Published :**

Sl. No.	Title of the book	Publication date	Publisher & ISSN/ISBN No	Text/Reference	Whether Peer Reviewed	No. of Co-authors	Main / Co-author	International /National /State/Local
1.	Intelligent scheduling controller for FMS	On Line	LAP LAMBERT Academic Publishing, Germany ISBN: 978-3-659-87508-3	Reference	Peer Reviewed	NIL	Main Author	International
2.	Tool Design	2017	Satya Prakashan, New Delhi. ISBN:978-93-5192-114-1	Text	Peer Reviewed	02	Co-author	National
3.	Textbook of "Metrology & Measurement"	2015	Axiom Books Agra. ISBN: 978-93-83229-91-8	Text	Peer Reviewed	02	Main Author	National
4.	Computer aided Manufacturing	2009-2010	Satya Prakashan, New Delhi. ISBN:81-7684-541-8	Reference	Peer Reviewed	02	Main Author	National

**[E] . Sponsored Research Projects (ongoing) :**

S I. N o.	Title of Project	Funding Agency	Duration		Grant mobilized (Rs. lakhs)	Major/Minor Project	Principal Investigator / Co-Investigator	Ongoing/ Completed*
			From	To				
1.	Development of a Filament Winding Machine	B.I.T., Mesra, Ranchi under SMS-2015	13 <sup>th</sup> Nov., 2015	12 <sup>th</sup> Nov., 2016	0.8 lakhs	Minor Project	Principal Investigator	Ongoing

**8. Training Courses and Conference/Seminar/Workshop Papers:**

**[A] Refresher courses, Methodology workshops, Training, Teaching- Learning-Evaluation Technology Programmes, Soft Skills Development Programmes, Faculty Development Programmes**

Sl.No.	Type of Course	Organizer	Duration		No. of weeks
			From	To	
1.	National Workshop on Evolutionary Optimization for Engineering and Scientific Application	Department of Computer Science & Engineering, B.I.T., Mesra, Ranchi	03 <sup>rd</sup> October, 2016	07 <sup>th</sup> October, 2016	01
2.	One Week Workshop on Manufacturing of Advanced Materials	Department of Mechanical Engineering, Visvesvaraya National Institute of Technology, South Ambazari Road, Nagpur.	June 27 <sup>th</sup> 2016	1 <sup>st</sup> July 2016	01
3.	Short term training programme on “Lean Six Sigma Tools and Applications”.	Department of Production Engineering, B.I.T., Mesra, Ranchi, Sponsored by TEQIP – II	25 <sup>th</sup> May, 2015	29 <sup>th</sup> May, 2015	01
4.	Short term training program on “Research Methodology and Design of Experiments”.	Department of Mechanical Engineering, MNIT, Jaipur	21 <sup>st</sup> Oct., 2013	25 <sup>th</sup> Oct., 2013	01
5.	Short term course on “Micro manufacturing”.	Enter for Development of Technical Education, I.I.T., Kanpur.	05 <sup>th</sup> Nov., 2012	10 <sup>th</sup> Nov., 2012	01

**Organization of Conferences/Seminars/Workshops etc. of duration of minimum 1 week**

Sl.No.	Conference/ Workshop/ Seminar	Organized by	Post/Responsibility	International/ National/ State/Local	Duration	
					from	To
1.	Workshop	Department of Production Engineering of B.I.T, Mesra, Ranchi.	Coordinator	National	23 <sup>rd</sup> Sep., 2013	27 <sup>th</sup> Sep., 2013
2.	Seminar	The Institution of Engineers (India), Jharkhand State Centre In Collaboration with	Joint Organizing Secretary	National	09 <sup>th</sup> Dec., 2006	10 <sup>th</sup> Dec., 2006

		Department of Production Engineering, B.I.T., Mesra, Ranchi.				
3.	Workshop	Indian Institution of Production Engineers, Jharkhand State Chapter in association with Jharkhand Small Industries Association, Ranchi and Institute Industry Interaction Cell, B.I.T., Mesra, Ranchi	Joint Organizing Secretary	National	08 <sup>th</sup> Sep., 2006	09 <sup>th</sup> Sep., 2006
4.	National Conference	Government of Bihar in organizing conference of about 2000 engineering students at Patna	As a Expert	National	22 <sup>nd</sup> Dec.2007	24 <sup>th</sup> Dec.2007
5..	Seminar	The Institution of Engineers (India), Jharkhand State Centre In Collaboration with Department of Production Engineering, B.I.T., Mesra, Ranchi.	Joint Organizing Secretary	National	10 <sup>th</sup> Dec., 2005	11 <sup>th</sup> Dec., 2005

#### 8. C. Invited Lectures or Presentations for Conferences/Symposia

Sl. No.	Conference/ Workshop/ Seminar	Organized by	Title of the Paper	Main Author /Co-Author	Participated /Presented	International/National	Duration	
							from	To
1	Workshop on Recent Advances in Manufacturing	BIT Sindri, Dhanbad, Jharkhand	Recent Advances in Manufacturing	Main Author	Presented	National	27 <sup>th</sup> Nov. 2018	01 Dec., 2018
2.	Seminar	BSA college of Engineering & Technology, Mathura.	Application of AI Techniques in Manufacturing	Main Author	Presented	National	11 <sup>th</sup> Nov., 2015	12 <sup>th</sup> Nov., 2015
3.	Seminar	BSA college of Engineering & Technology, Mathura.	Scheduling of FMS	Main Author	Presented	National	11 <sup>th</sup> Nov., 2015	12 <sup>th</sup> Nov., 2015
4.	Workshop	Department of Production Engineering, B.I.T., Mesra – Ranchi	Role of Machine tool design in 21 <sup>st</sup> century	Main Author	Presented	National	07 <sup>th</sup> July, 2014	11 <sup>th</sup> July, 2014
5.	Seminar	BSA college of Engineering & Technology,	Implementation of Soft Computing	Main Author	Presented	National	05 <sup>th</sup> Nov., 2013	

		Mathura.	Techniques in Manufacturing/Product ion.					
6.	Workshop	B.I.T., Mesra, Ranchi	Micro plasto hydrodynamic lubrication in precision forming	Main Author	Presented	National	15 <sup>th</sup> Feb., 2010	16 <sup>th</sup> Feb., 2010
7.	Conference	Cambridge Institute of Technology Tatisilwai Ranchi.	Nano measurements: Challenges and opportunities	Main Author	Presented	National	06 <sup>th</sup> Dec., 2008	07 <sup>th</sup> Dec., 2008

### **Membership**

- Life Member of ISTE.
- AMIE, Institution of Engineers (India).
- Member of IIF India.

**(SHARAD CHANDRA SRIVASTAVA)**