

Faculty Profile on University Website www.mjpru.ac.in (NAAC A++ University)

		Nama				i ·		
		Name	Kumar	Name				
Designation		Associate P	rofessor					
Department		Mechanical	Engineer					
Address	Campus							
	Residence	39, Phase-3 U.P. Pin-24		oyal Park, Ba	reilly,			
Mobile No.		9457113429				-		
Email ID		Personal		manojksiet	t@gmail c	om		
Eman ID		University 1	Domoin	manojksiet				
Drafagional N	Jotavonking ID	University		manojksiet	lenijpi u.a	<u>10.111</u>		
i.e. Linkedin,	Networking ID, Twitter etc.							
Educational (Qualification (G	raduation Or	nwards)					
Course/Degre	e	Institution	Institution Year Details/Thesis Topic/Subjects			Subjects		
B. Tech.		MJPRU	2000	B. Tech in Mechanical Engineering				
M. Tech.		IIT Delhi	2009	M. Tech in	Industria	l Engineering		
Ph.D		IIT Delhi	2018	Competitiv	veness o	f The Electronics		
				Manufactu	ring Indu	stry In India: A Study		
				of Select Is	sues			
Career Profile	e	1		'				
Organization/	Institution	Designation	1	Duration	Nam	e of Duties		
MJPRU		Assistant P	rofessor	2002-2018	Teac	hing		
MJPRU		Associate P	rofessor	2018 onward	2018 onwards Teaching			
				Continue				
Research Inte	rests/Specializa	tion						
Strategy, Indu	ıstrial Policies,	Manufacturi	ng					
Research Exp	erience in Year	s: 03 Years d	uring Ph.I) work				
No. of Research	ch Scholars Suc	cessfully Gui	ded					

Name of Prog	Name of Programme		Awarded		rvision
Ph.D.		01		02	
Researcher/	Scopus	Orchid	Publons	Vidwan	Google Scholar
Expert ID	57214312794	0000-0001-	S-8650-2016	154249	DBN-2DIAAAAJ
		8535-1886			
	H-Index	I 10-Index	Citations		
	12	12	761		
	as on	as on	as on		
	08.11.2023	08.11.2023	08.11.2023		

Teaching Experience (Subjects/Courses Taught)

18 Years

Courses Taught

- 1. Manufacturing Technology
- 2. Production Process-I
- 3. Production Process-II
- 4. Automatic Mechanics
- 5. Statistical Quality Control
- 6. Production Planning and Control
- 7. Operation Management
- 8. Industrial Management
- 9. Value Engineering

Honours/Awards & Fellowship FOR OUTSTANDING WORK

Name of Award/		Awarded By	
Fellowship	Name of Governmental	Name of Government	Name of International
	Agency	Supported Organization	Recognized Body
		Department	
National Overseas	Ministry of Social Justice	Ministry of Social Justice	Ministry of Social
Scholarship 2007	and Empowerment, GoI	and Empowerment, GoI	Justice and
			Empowerment, GoI
National Overseas	Ministry of Social Justice	Ministry of Social Justice	Ministry of Social
Scholarship 2011	and Empowerment, GoI	and Empowerment, GoI	Justice and
			Empowerment, GoI
2014 AGBA	Academy for Global	Academy for Global	Academy for Global
Scholar	Business Advancement	Business Advancement	Business Advancement

		(AGBA) 11 th An	nual		(AGBA) 1	1 th Ar	nual			
					,					
		World Congress- Business and	-		World Con	•				
			_		and Entrepreneurship					
		Entrepreneurship)		development in globalised					
		development in								
		globalised Era a		se	under new	leade	rship, IIT			
		of India under ne	ew		Delhi					
		leadership, IIT D	Pelhi							
Best Paper Awar	rd	Academy for Glo	obal		Academy f	or Gl	obal	Acade	emy for Globa	al
Certificate 2019		Business Advance	cemen	ıt	Business A	dvan	cement	Busin	ess Advancen	nent
		(AGBA) 16 th An	nual		(AGBA) 1	6 th Ar	ınual			
		World Congress,	, IIT		World Cor	ngress	, IIT Delhi			
		Delhi								
Best Teacher		Dr. Sarvepalli			Dr. Sarvep	alli		Dr. Sa	arvepalli	
Award-2021	Nadhakrishnan Best			Radhakrishnan Best			Radhakrishnan Best			
		Teacher Award-2	2021 i	n	Teacher A	her Award-2021 in		Teacher Award-2021 in		
		Industrial Engineering,			Industrial Engineering,			Indust	trial Engineer	ing,
		Center for Profes	ssiona	1	Center for Professional			Cente	r for Professio	onal
		Advancement			Advancement Continuous			Advai	ncement	
		Continuous Educ	cation		Education (CPACE)			Conti	nuous Educati	ion
		(CPACE)						(CPA	CE)	
Out Standing		Out Standing Sc	ientist		Out Standi	ng Sc	ientist	Out S	tanding Scien	tist
Scientist Award		Award, Internation	onal		Award, Int	ernati	onal	Award	d, Internation	al
2021		Conference for a	ward		Conference	e for a	ward	Confe	rence for awa	ard
		winners on Engi	neerin	g,	winners on	Engi	neering,	winne	ers on	
		Science and Med	licine	,	Science an	d Med	dicine,	Engin	eering, Scienc	ce
		Chennai, India,			Chennai, I	ndia, o	organized	and M	Iedicine, Chei	nnai,
		organized by VD	GOO	D	by VDGO	OD Pı	rofessional	India,	organized by	,
	Professional Association.		on.	Association	n.		VDG	OOD Professi	ional	
							Assoc	iation.		
Publication/Acad	demi	 c Activities (Num	bers (Only	<u> </u>)					
Books &		Research Papers		Par	pers		Seminar/	Research		
Monograph		Published in	28	Pre	esented in	29	Conferenc	06	Project	02
s (Single]	International		Ser	minar/		es	(Complete		

Author)		Journals	Conferences		Organized		d)	
Books (Co-		Research Papers	Seminar/		Workshop		Research	
authored)	05	Published in	Conferences	25	S	17	Project	01
		Other Journals	Attended		Organized		(Ongoing)	
Books		Articles	Sessions		Membersh		Foreign	
(Edited)	01	Published in	Chaired in		ip of		Countries	
		Popular For a,	Seminars/		Academic/	02	Visited for	
		e.g., Websites,	Conferences		Profession		Academic	02
Chapters in		Blogs	Resource		al Bodies		Assignme	
Edited	05	Newspapers,	Lectures	03			nts	
Books		Magazines etc	Delivered					

Details of Publication / Academic Activities (2010 Onwards)

(a) Authorised Books/ Monographs

Name of Book	Year of Publication	Publisher	ISBN No.
Sustainable Smart Industry	2021	IIP InSc International	978-1-956102-54-3
4.0 Future Assessment		Publishers	
Technological advances and	2021	IIP InSc International	978-1-956102-77-2
applications in Additive		Publishers	
Manufacturing			
Reforms and Disinvestment	2019	Lulu Publication, USA	978-1-387-53967-3
of Public Enterprises			
Operations Management	2019	Kindle direct publishing	978-981-16-5281-3
Environmental Management	2019	Kindle direct publishing	979-8-493-03684-2

(b) Edited Books

Year of	Title	Publisher	ISBN No.	DOI No.	Citations
Publication					

(c) Papers Published in UGC Care Listed/Indexed/Peer Reviewed Journals

Year of	Title	Name of Journals	ISBN	Citations	Impact
Publication			No.		Factor
2013	Hollistric View of BPR for	International	2319-		1.11
	E-District Services	Journal of Advance	8354 (E)		(2020-

		Research in			2021)
		Science and			
		Engineering			
2017	Evaluating the	International	1461-	16	0.62
	competitiveness of Indian	Journals	4111		(Scopus)
	metro cities: in smart city	Information			
	context	Technology and			
		Management			
2018	Analyzing the Determinants	Global Journal of	0972-	40	7.018
	Affecting the Industrial	Flexible Systems	2696		(Scopus)
	Competitiveness of	Management			
	Electronics Manufacturing				
	in India by Using TISM and				
	AHP.				
2018	Socio-influences of users'	Marketing	0263-	22	4.443
	generated content in	Intelligence and	4503		(Scopus)
	emerging markets	Planning			
2018	Smart neighborhood: A	Journal of Science	2053-	27	3.268
	TISM approach to reduce	and Technology	4620		(Scopus)
	urban polarization for the	Policy Management			
	sustainable development of	(2018)			
	smart cities				
2018	Competitiveness of the	Measuring	1368-	24	2.69
	Indian electronics	Business	3047		(Scopus)
	manufacturing industry: an	Excellence			
	ISM-Fuzzy MICMAC and				
	AHP Approach				
2019	A policy framework for city	Land Use Policy	0264-	60	6.403
	eligibility analysis: A TISM	Elsevier (2019)	8377		(Scopus)
	and fuzzy-MICMAC				
	weighted approach to select				
	a city for smart city				
	transformation in India				
2020	Moving towards smart	Journal of	0040-		11.146

	cities: Solutions that lead to	Technological	1625		(Scopus)
	the Smart City	Forecasting and			
	Transformation Framework	Social Change			
2021	A State of Art Review On	Design Engineering	0011-		
	Behavioral study of Work	(2021): 13616-	9342		
	Roll made by AISI D2	13627.			
	HCHCr Tool Steel."				
2021	"Identification and	Design Engineering	0011-		
	Prioritization of Properties	(2021): 12751-	9342		
	for Composite Materials	12764.			
	Usage in Automobiles: An				
	Analytical Hierarchical				
	Process (AHP) Approach."				
2021	"Seasonal Variations of Lead	Design Engineering	0011-		
	Accumulation in the	(2021): 15655-	9342		
	Spinacea Oleracea Linn.	15666.			
	During 2014-2017."				
2021	Power quality issues in	Journal of nuclear	2325-	3	0.167
	Autonomous Solar	energy science and	9809		(Scopus)
	photovoltaic utility	power generation			
	microgrid employing a	technology 10:10			
	STATCOM Based	(2021)			
	Intelligent Controller,				
2021	Artificial Neural Network	Journal of nuclear	2325-		0.167
	based Advanced Algorithm	energy science and	9809		(Scopus)
	for New Generation Solar	power generation			
	PV Systems	technology 10:10			
		(2021)			
2021	A Smart Grid Energy	Journal of nuclear	2325-		0.167
	Management Optimization	energy science and	9809		(Scopus)
	Technique	power generation			
		technology 10:10			
		(2021)			
2021	A Compressive Review on	Journal of Nuclear	2325-		0.167

	Solar Air Heater Heat	Energy Science &	9809		(Scopus)
	Transfer and Friction	Power			
	Characteristic	Generation			
		Technology			
		10:11 (2021)			
2021	"Smart Farming	International	2365-		
	Technologies in Agriculture	Journal of Modern	7246		
	in India."	Agriculture 10, no.			
		2 (2021)			
2021	An experimental and	Journal of	2021		
	computational investigation	Engineering			
	of the flow fields using	Research,			
	Accelerated Erosion Test	ICCEMME Special			
	Ring (AETR)	Issue (2021)			
2021	Field localization and	Laser and particle	0263-		0.884
	density cavitation in low	beams Journal	0346		(Scopus)
	beta plasma, Laser and	Cambridge			
	Particle Beams	University Press			
		(2021)			
2021	Analyzing an Evacuated	Materials Today:	2214-	40	25286
	Tube Solar Water Heating	Proceedings. 2021	7853		(Scopus)
	System using Twin-				
	Nano/Paraffin as Phase				
	Change Material				
2021	Experimental analysis of the	Materials Today:	2214-	39	25286
	metal roofed industrial	Proceedings. 2021	7853		(Scopus)
	building using Nano-Silica				
	disbanded crude wax				
	(NDCW)				
2021	Experimental investigation	Journal of	2307-		0.193
	of desiccant	Engineering	1885		(Scopus)
	dehumidification Based	Research (JER)			
	Thermoelectric Air-				
	Conditioning System				

2022	Experimental investigations	Hindawi Journal of	1687-	3	3.371
	on the Wear Behaviour of	Nanomaterials	4129		(Scopus)
	Eutectic A1				
	7075/CNT/Graphite				
	Composites Manufactured				
	by a Combination of Two				
	Stage Stir and Squeeze				
	Casting Techniques.				
2022	Optimization and wear	Hindawi	1687-	5	3.371
	properties for the	Journal of	4129		(Scopus)
	composites of metal matrix	Nanomaterials			
	AA8011/Boron Nitride				
	using Taguchi method				
2022	Study on the impact of	Materials Today:	2214-	2	25286
	Nano-reinforcements on the	Proceedings. 2022	7853		(Scopus)
	fatigue strength of adhesive				
	joints				
2022	Wireless Sensor Networks:	Design	0011-		
	Issues, Algorithms and	Engineering	9342		
	Applications				
2023	A Comparative Analysis of	Evergreen Joint	2189-		0.744
	Ribs and Cans Type Solar	Journal of Novel	0420		(Scopus)
	Air Heater	Carbon Resource	(Print)		
		Sciences& Green	2432-		
		Asia Strategy	5953		
			(Online)		
2023	Optimum design and	Environmental	1944-		2.797
	analysis of solar pump with	Progress &	7442		(Scopus)
	the help of genetic	Sustainable Energy	(Print)		
	algorithm, a MATLAB toll		1944-		
	and RSM toll at minimum		7450		
	cost		(Online))		
2023	Performance optimization of	Environmental	1944-		2.797
	solar operating by PV	Progress &	7442		(Scopus)

	module		Sustainable Energy	v (Print)		
	module		Sustamatic Energy		944-		
					450		
() ===				(Online)		
	apter/Paper Published in Edit		_				
Year	Chapter in Edited Books		olisher's Details		Level rnational		<u>ISBN No</u>
2018	A Glimpse of Sustainable		al Value Chains,	mie	rnational	9/8-981	-10-8929-9
	Electronics Manufacturing		bility and				
	for India: A Study Using	Susta	inability				
	PEST-SWOT Analysis	Sprin	ger				
2019	Numerical simulation of	IOP o	conference series:	Inte	rnational	691 (20	019)012021
	flow past a flat plate with	mater	rial science and				
	anti-singing trailing edge	engin	eering				
2020	Experimental investigation	IOP o	conference series:	Inte	rnational	988 (20	20) 011001
	on the performance of nano	mater	rial science and				
	boric acid suspensions in	engin	eering				
	coconut oil during milling						
	operation on AI 6061-T6						
	alloy						
2021	Experimental analysis of a	Rece	nt advances in	Inte	rnational	978-981	-16-5281-3
	thermoelectric air-	indus	trial production				
	conditioning system with	Sprin	ger				
	desiccant dehumidification						
2021	An experimental	Rece	nt advances in	Inte	rnational	978-981	-16-5281-3
	investigation of ribbed solar	indus	trial production				
	air heater-free convection	Sprin	ger				
(e) Pate	ents						
Year	Title of Patents		Funding Agency	y	Level	Applic	cation No.
2018	Stone Crushing Machine						11035040
	-		(TEQIP-III)				
2019	A Solar Heating Apparatus		NPIU/MHRD/Go.	ol N	National	2019	11037065
2019	2019 Pneumatic Chips Collecting		NPIU/MHRD/Go.	I N	National	2019	11012059
	Apparatus		(TEQIP-III)				
2020	Buvt -face recognition bot:	face	NPIU/MHRD/Go (TEQIP-III)	oI N	National	20203	11041947

	recognition bot their unique voice using IoT-based technology			
2021	A machine learning and IOT based system for incorrect posture detection	NPIU/MHRD/GoI (TEQIP-III)	National	202121037944
2021	An Experimental Study carried out in orthogonal section on the titanium alloy TI-6AL-4V Using the Kinematic	NPIU/MHRD/GoI (TEQIP-III)	National	202141041759
2021	Experimental Investigation of Hybrid gas turbine and Hybrid steam Turbine to investigate the possibility of utilizing solar energy in a combined cycle	NPIU/MHRD/GoI (TEQIP-III)	National	202141049062
2022	A Metal Detector Robotic Device (GRANTED)	Government of India (GoI)	National	356017-001

(f) Projects (With Title, Year, Grants, Funding Agency and Collaborations)

Year	Name of Project	Funding	Amount	Duration	
1 car	Name of Project	Agency	Amount	From	Till
2019	Development of solar power thermo	NPIU/MHRD/	Rs. 10.21	2019	2021
	electric cooler using desiccant	GoI	Lakhs		
	dehumidification (Co-PI)				
2019	Hybrid solar air heater for space	NPIU/MHRD/	Rs. 12.61	2019	2021
	heating and crop drying (Co-PI)	GoI	Lakhs		
2023	Monitoring of sustainable agriculture	Science and	Rs. 27.02	08 May,	On-
	of small farms wielding Image	Engineering	Lakhs	2023	going
	processing integrating with Sensor	Research			
	Antenna and Machine learning for	Board, New			
	improving socio-economic status of	Delhi			
	farmers (Co-PI)				
2023	Development of an artificial intelligent	Council of	Rs. 14.58	19 Oct.	On-
	based asset inspection system for the	Science &	Lakhs	2023	going
	Energy Industries with scouting	Technology,			
	drones. (Co-PI) (Project ID 3246)	U.P.			

(h) Administrative Positions/Assignments Held					
Post	Organization	Dı	Duration		
1 OSt	Organization	From Till			
In-Charge, Mech. Engg.	ME, MJPRU	2009	2012		
TEQIP-II Coordinator	FET, MJPRU	2010	2012		
TEQIP-III Coordinator	FET, MJPRU	2017	2022		
Proctor, Mech. Engg.	ME, MJPRU	2021	Continues		
Head, Mech. Engg.	ME, MJPRU	2023	Continues		

(i) Seminar/Conference Presentations

Title of paper presented	Conferences / Seminars / Workshops attended	International/ National
The social media cone: Towards achieving	15 th IFIP I3E Conference on e-	International
the manufacturing competitiveness goals	Business, e-Service and e-Society '	(Abroad)
	Social media: the good the bad and the	
	Ugly 13-15 September, 2016, School	
	of Management, Swansea university,	
	UK	
Digitized residential address system: A	16 th Global Conference on flexible	International
necessity towards the faster service	systems Management-GLOGIFT-16	(Abroad)
delivery and smart cities development in	4-6 December, 2016, UTS Business	
India	School, University of Technology	
	Sydney and Global Institute of	
	Flexible Systems Management	
Role of manufacturing sector to develop	International Conference on Smart	International
smart economy: A competitiveness study	Cities, ICEG. CRC Press, Taylor &	(within Country)
between India and China	Francis, UK	
Competitive Measurement of the Indian	Proceedings of GLOGIFT 16,	International
Electronics Manufacturing Industries:	December 4-6, 2016, University of	(Abroad)
Using the Analytical Hierarchy Process	Technology, Sydney, Global Institute	
	of Flexible Systems Management	
Smart Governance for Smart Cities: A	IFIP International Federation for	International
conceptual Framework from Social Media	Information Processing 2016 springer	(within Country)
Practices (2016)	International Publishing Online	

Education in Emergencies: Smart learning	3rd IEEE International Conference on	International
solutions and role of governance to	Advances in Computing,	(within Country)
mitigate the challenges	Communication and Automation	
	(ICACCA-2017), IEEE proceedings,	
	Sept, 14-16, 2017, Dehradun, India.	
	IEEE	
Smart mobility: Crowdsourcing solutions	ACM Press, ICEGOV 2018. Ireland,	International
for smart transport system in smart cities	UK ICEGOV 2018	(Abroad)
context.		
Driving competitive advantage for high	AGBA's 16 th World Congress, 2-4	International
technology manufacturing: A social media	July, 2019, IIT Delhi	(within Country)
perspective		
Investigation of flow field in accelerated	ICAREMIT-2020, MJP Rohilkhand	International
erosion test rings	University, Bareilly (U.P.) India	(within Country)
Development of textured tool for process	ICAREMIT-2020, MJP Rohilkhand	International
improvements in dry machining	University, Bareilly (U.P.) India	(within Country)
A review of hybrid solar air heater	ICAREMIT-2020, MJP Rohilkhand	International
	University, Bareilly (U.P.) India	(within Country)
Conversion of waste heat to electricity	ICAREMIT-2020, MJP Rohilkhand	International
using thermoelectric generator: A review	University, Bareilly (U.P.) India	(within Country)
Fabrication of hybrid braking system	ICAREMIT-2020, MJP Rohilkhand	International
	University, Bareilly (U.P.) India	(within Country)
Design and construction of an ornithopter	ICAREMIT-2020, MJP Rohilkhand	International
	University, Bareilly (U.P.) India	(within Country)
Comparative investigation on depth of cut	ICAREMIT-2020, MJP Rohilkhand	International
in CO2 laser beam machining of MDF and	University, Bareilly (U.P.) India	
acrylic		(within Country)
Products and Services in Industries	Department of Mechanical	National
	Engineering, Government Engineering	
	College Jhalawar	
Inventory Management	Department of Mechanical	National
	Engineering, Government Engineering	
	College Jhalawar	
Forecasting methods in Industries	Department of Mechanical	National

	Engineering, Government Engineering	
	College Jhalawar	
Experimental and Computation Analysis of	National Seminar on Software	National
Micro-Electric Discharge Machining	applications in Engineering and	
	Technology, Department of	
	Mechanical Engineering, Sant	
	Longowal Institute of Engineering and	
	Technology, Longowal, Sangrur,	
	Punjab, India	
Investigation of Vertical Dynamics of a	National Seminar on Software	National
passenger car through bond graph	applications in Engineering and	
formulation	Technology, Department of	
	Mechanical Engineering, Sant	
	Longowal Institute of Engineering and	
	Technology, Longowal, Sangrur,	
	Punjab, India	
Adopting Sustainable Manufacturing: The	Global Institute of Flexible Systems	International
case of Indian electronics manufacturing	Management, International	(Abroad)
industries	Conference and Proceedings of	
	GLOGIFT 16, University of	
	Technology, Sydney	
Academic Globalization: A need for	International Institute of Informatics	International
competitiveness of academic institutions	and Systemic, 19 th World Multi-	(Abroad)
	Conference on Systemic, Cybernetics	
	and Informatics (WMSCI-2015),	
	Orlando, Florida, USA	
Impact of Government Policies on	Proceedings XI Annual World	International
Manufacturing Sector: A proposed	Congress, titled "Business and	(within Country)
framework for policy impact analysis	Entrepreneurship Development in a	
	Globalsed Era and Rise of India under	
	new leadership" IIT Delhi	
Investigating the Indian Electronics	Proceedings XI Annual World	International
Manufacturing Sector using PEST-SWOT	Congress, titled "Business and	(within Country)
analysis tools	Entrepreneurship Development in a	

	Globalsed Era and Rise of India under	
	new leadership" IIT Delhi	
The Future of manufacturing: Global	Global Institute of Flexible Systems	International
Value chains, smart specialization and	Management, International	(Aboard)
flexibility	Conference and Proceedings of	
	GLOGIFT 16, University of	
	Technology, Sydney	
Improving Competitiveness of Indian	International Institute of Informatics	International
Electronics Manufacturing Industries: A	and Systemic, 19 th World Multi-	(Abroad)
need for FDI policy liberalization	Conference on Systemic, Cybernetics	
	and Informatics (WMSCI-2015),	
	Orlando, Florida, USA	
Sap-Lap inquiry Model for Technology	XVI Annual International Conference	International
commercialization: A case of automobiles	of Society of Operations Management	(within Country)
product	at IIT Delhi jointly organized by IIT	
	Delhi, IIM Lucknow and GVSU, USA	
Decision support systems for Ghaziabad E-	XVI Annual International Conference	International
District: A case of routing for stakeholder	of Society of Operations Management	(within Country)
	at IIT Delhi jointly organized by IIT	
	Delhi, IIM Lucknow and GVSU, USA	
High-End Workshop on Photonics Sensor	Science and Engineering Research	International
for Chemical & Gas Detection	Board (SERB) Dept. of Science and	(within Country)
	Technology, Govt. of India, organized	
	by Indian Institute of Technology	
	(ISM) Dhanbad, Jharkhand, India	
	<u> </u>	I

(j) Membership of Academic/Professional Bodies

 ${\bf Life\ member\ Indian\ Society\ for\ Technical\ Education\ (LM130017)}$

Life Member, The Institutions of Engineers (INDIA) (M-1737206)

(k) Participation in Community Service/ Exchange Programme / Consulting Activity

Dr. Singh is a prominent academician in the country. He is at presently working as an Associate Professor in department of Mechanical Engineering, Faculty of Engineering & Technology, M.J.P. Rohilkhand University, Bareilly. His area of interest are in Strategy, Competitiveness, Smart Cities, Manufacturing Industries and Government Policies, Operation Management, Industrial Management, Value Engineering, and Production Planning & Control. He has authored more than 40 technical papers in various reputed national as well as international journals and conferences. Dr. Singh have filed 11

national and international patents. He has been associated in major academic research project awarded by AICTE in the field of Solar Energy. Dr Singh have also authored two books titled Sustainable Smart Industry 4.0: Future Assessment and Technological Advances and Applications in Additive Manufacturing. He is life time member of Indian Society for Technical Education and The Institution of Engineers. Apart from this Dr. Singh is Chairman trustee of Mangalam Charitable Trust which carries out social work in the country. On the administrative front, he has been the Head of the department, Mechanical Engineering department twice from (2009-2012) and (2019-2020) apart from this he has coordinated TEQIP-II (2010-2012) and TEQIP-III (2017 to present date) World Bank sponsored institutional project of run by NPIU, MHRD, Govt. of India, at Faculty of Engineering and Technology, M. J. P. Rohilkhand University, Bareilly, Bareilly. He has accomplished his Ph.D. (2018) and Masters (2009) from Indian Institute of Technology, Delhi and Graduated in Engineering (2000) from M. J. P. Rohilkhand University, Bareilly.

(l) International Academic Exposure

Paper Presented and Participated in International Institute of Informatics and Systemic, 19th World Multi-Conference on Systemic, Cybernetics and Informatics (WMSCI-2015), Orlando, Florida, USA

Paper Presented and Participated in 15th IFIP I3E Conference on e-Business, e-Service and e-Society 'Social media: the good the bad and the Ugly 13-15 September, 2016, School of Management, Swansea university, UK

(m) Keynote Speaker & Session Chair

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Signature of Faculty Member