Appendix 10 Mandatory Disclosure (Part 2) (As on 03.07.2024)

PROFILE OF DIRECTOR & EACH FACULTY WITH QUALIFICATIONS, TOTAL EXPERIENCE, AND DURATION OF EMPLOYMENT AT THE INSTITUTE CONCERNED

Profile of Director with qualifications, total experience, and duration of employment

S. No.								
1.	Name	Professor (Dr	.) Bho	a Ram Gurjar				
2.	Designation	Director						
3.	Date of Joining the institution	01.03.2023 as	Directo	Or	100 000	1		
4.	Educational Qualification	BE (Civil Engg.	BE (Civil Engg.), ME (Environmental Engg.),					
		Ph.D. (Environm	Ph.D. (Environmental Risk Engg.; IIT, New Delhi)					
5.	Work Experience	Teaching	Teaching 33 yrs. (including 18 years as					
			Profe	ssor (HAG) in IIT, Roorkee		Terra I		
		Industry	2 year	rs in Construction Industry				
		Research	32 yrs	along with teaching; Post-Doc	toral Research at	Max		
			Planc	k Institute for Chemistry, Mainz	, Germany			
		Others	4 year	s as Dean of Resources & Alumn	1 Affairs; 2 years a	as 2		
		(Auministrative)	vears	as Head CTRANS IIT Roorkee	etc	,		
6.	Area of Specialization	Environmental Impa	act and R	isk Assessment, Industrial Hazards and	l Disasters, Quantitat	ive and		
•••	Specialization	Qualitative Risk An	alysis, U	rban Transport and the Environment, E	nvironmental Sustair	nability,		
		Health Risk Assessn	mental Po	an Climate Change, etc.	i, Emissions and Air G	Quanty,		
7.	Subjects teaching at Under	At Graduate Lev	el: Intro	duction to Civil Engineering; Introd	duction of Environi	mental		
	Graduate Level and Post	StudiesAt Post G	raduate	Level: Air Pollution & Control; Su	stainable Transpor	tation		
	Graduate Level	systems						
8.	Research Guidance	Master's		31 completed				
		Dissertation		-				
		Ph.D. Disserta	ation	15 completed, and 07 in I	Progress			
9.	Research Publications			Number of Research Pape	ers			
		154		Publication in National Jou	irnals			
		(Google Schol	ar	Publication in Internationa	Journals	93		
		Citations > 487	70;	Presented in Conferences/S	beminars	48		
		i10 Index = 77	, 7)	Technical Reports/Monogra	phs/Manuals	13		
10.	Maior Projects Carried	04 Research P	Project	S (1 sponsored by Max Planck Soci	ety Germany: 1 by			
10.	out	Roorkee; 1 by Jap	anese M	linistry of Education, Culture, Sport	ts, Science & Tech	nology;		
		by United Nations	s Univer	sity, Tokyo, Japan) as a Team mem	ber/Coordinator)	0.		
11.	Patents	01 (Richa katiyar, I "Method for Produc	BR Gurja	r & Vikas Pruthi (Jan, 09/2018). Patent	Application no. '2018 the Indian Patent Of	81100174 fice)		
12.	Technology Transfer	-	tion of D	tourser nom emorena or a dary med a	the indian Fatent Of	nee)		
13.	Number of Books	12 Books	1. Effec	tive Solutions to Pollution Mitigatio	on for Public Welfa	re. IGI		
	Published with Details	± 32 Book	Glob	al. Gezerman, Ahmet Ozan, Corbacio	oglu, Burcu Didem,	Gurjar,		
		Chapters	2. Pollu	tion Exposure to Humans & Its Asse	essment. IGI Global;	Jat, R.,		
		(in Springer	Sahu	, V. and Gurjar, B. R. (2018).				
		Elsevier	3. Sluda RV	ge Management. CRC Press (Taylor & inay K Tyagi 2017	z Francis Group); Gu	ırjar, B.		
		ASCE, etc.)	4. Envi	ronmental Science and Engineering (Series of 12 Vols.), S	Studium		
		+ 3 Book	Press	LLC, USA; Gurjar, B. R. (Chief Editor), 2017.			
		Reviews	5. Biofu AK	iels: Technology, Challenges and Pro Agarwal R A. Gupta T. Guriar B R	ospects. Springer. A (Eds.) 2017	garwal,		
		Keviews	6. Adap	oting to Climate Change: Technologiu	es, Perceptions, Edu	cation,		
			and	Perspectives. In: Climate Change	Modeling, Mitigatio	on and		
			Adap Costi	tation. ASCE Publication, Reston, Virg	ginia, USA; Ciumasu iha, C. S. P. (2013)	I, I. M.,		
		/	7. Slud	ge Treatment and Disposal. CRC Press	s; Gurjar, B. R. (2001).).		
			8. Ente	rprise Support System in India. When	ler Publishing, A Div	. of AH		
		.	9. Entr	epreneurship Opportunities in Info-	Tech Industry: An	, 2001 I Indo-		
			Glob	al Perspective. In: Entrepreneurship	and Small Business.	Rawat		
1			Publi	cations, Jaipur; Gurjar, B. R. and Mohar	n, M. (1998).			

S. No.					1 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4				
1.	Name	Professor (Dr.) Shya	am Sundar Pattnaik	CTC-				
2.	Designation	Professor Med	lia En	gineering					
3.	Date of Joining the	26.04.2004 as]	Profess	sor	Y				
	institution	18.08.2017 to 2	28.02.2	2023 as Director (now on	-	á			
		lien w.e.f 26.0	6.2024	to Odisha State Open					
		University, Sam	University, Sambalpur, Odisha)						
4.	Educational	Ph.D. in Engineering (Elex. & Telecom. Engg.);							
	Qualification	M.Tech in Electronics & Comm. Engg.; M.Sc.							
		Physics (Electron	Physics (Electronics spl.);						
5.	Work Experience	Teaching 31 yrs.							
		Research	03 yrs	s. (Independent);	1.1.1				
		33 yrs. along with teaching;							
		Post-Doctoral Research at							
		University of Utah, USA							
		Industry	-						
		Others	2 yea	rs & 5 months as Vice Chancellor,	Biju P	atnaik			
		(Administrative)	Unive	ersity of Technology, Govt. of Odisha	a; 5½ ye	ears as			
			Director, NITTTR, Chandigarh						
6.	Area of Specialization	Antenna Design and Analysis, Bio-Inspired Soft Computing, ICI							
-		enabled learning & teaching tools							
7.	Subjects teaching at	At Graduate Level: Antenna & Radar Engineering; Communication							
	Under Graduate Level	Engineering; M	Engineering; Microwave Engineering; Electromagnetic theory; TV						
	and Post Graduate	Engineering; Sigi	$ais \propto c$	g: Networks, Filters & Transmission 1	ines: Ar	tificial			
	Level	Neural Networks	Digital Signal Processing; Networks, Filters & Transmission lines; Artificial Neural Networks:						
			,						
		At Post Grad	luate	Level: Digital Signal Processing; An	tificial 1	Neural			
0	Densel C. Herry	Networks; Anten	na & Ra	adar Engg.; and Digital Image Processin	ıg				
8.	Research Guidance	Master's		57 completed					
		Dissertation			Dissertation				
0		Ph.D. Disserta	ition	24 completed, and 01 in Progre					
9.	Research				SS				
	Publications			Number of Research Papers	SS				
	1 ubilcations			Number of Research PapersPublication in National Journals	ss S	19			
	Tublications	275		Number of Research Papers Publication in National Journals Publication in International Journals	ss s rnals	19 90			
	Tublications	275		Number of Research Papers Publication in National Journals Publication in International Journals Presented in Conferences/Semin	ss S Irnals Iars	19 90 152			
		275		Number of Research PapersPublication in National JournalsPublication in International JournalsPresented in Conferences/SemirTechnical Reports	ss s rnals ars	19 90 152 14			
10.	Projects Carried out	275 15 (as a Team	membe	Number of Research Papers Publication in National Journals Publication in International Jou Presented in Conferences/Semir Technical Reports er/Coordinator)	ss s rnals ars	19 90 152 14			
<u>10.</u> 11.	Projects Carried out Patents	275 15 (as a Team 1 One invention	membe disclos	Number of Research Papers Publication in National Journals Publication in International Jou Presented in Conferences/Semin Technical Reports er/Coordinator) sure	ss s irnals iars	19 90 152 14			
10. 11. 12.	Projects Carried out Patents Technology Transfer	275 15 (as a Team One invention Nil	membe disclos	Number of Research Papers Publication in National Journals Publication in International Jou Presented in Conferences/Semin Technical Reports er/Coordinator) sure	ss s rnals ars	19 90 152 14			
10. 11. 12. 13.	Projects Carried out Patents Technology Transfer Number of Books	275 15 (as a Team One invention Nil Three Books	membe disclos	Number of Research Papers Publication in National Journals Publication in International Jou Presented in Conferences/Semir Technical Reports er/Coordinator) sure icrowave Metamaterial and Skin Can	ss s rnals ars cer Dete	19 90 152 14			
10. 11. 12. 13.	Projects Carried out Patents Technology Transfer Number of Books Published with	275 15 (as a Team in One invention Nil Three Books + Ten Book	membo disclos 10. M Pa	Number of Research Papers Publication in National Journals Publication in International Jou Presented in Conferences/Semir Technical Reports er/Coordinator) sure icrowave Metamaterial and Skin Can uttnaik, SS; Lambert Academic Publis	ss rnals nars cer Dete	19 90 152 14 ection; 14.			
10. 11. 12. 13.	Projects Carried out Patents Technology Transfer Number of Books Published with Details	275 15 (as a Team i One invention Nil Three Books + Ten Book Chapters	membe disclos 10. M Pa 11. M	Number of Research Papers Publication in National Journals Publication in International Jou Presented in Conferences/Semir Technical Reports er/Coordinator) sure icrowave Metamaterial and Skin Can nttnaik, SS; Lambert Academic Publis etamaterial Loaded	ss rnals ars cer Dete hing, 20 or Wi	19 90 152 14 ection; 14. ireless			
10. 11. 12. 13.	Projects Carried out Patents Technology Transfer Number of Books Published with Details	275 15 (as a Team 1 One invention Nil Three Books + Ten Book Chapters	membe disclos 10. M Pa 11. M Co	Number of Research Papers Publication in National Journals Publication in International Journals Presented in Conferences/Semir Technical Reports er/Coordinator) sure icrowave Metamaterial and Skin Can uttnaik, SS; Lambert Academic Publisi etamaterial Loaded Antenna f pommunication; Pattnaik, SS; Lambert	ss s urnals hars cer Deteching, 20 for Wi ert Aca	19 90 152 14 ection; 14. ireless demic			
10. 11. 12. 13.	Projects Carried out Patents Technology Transfer Number of Books Published with Details	275 15 (as a Team 1 One invention Nil Three Books + Ten Book Chapters	membo disclos 10. M Pa 11. M Co Pu	Number of Research Papers Publication in National Journals Publication in International Journals Presented in Conferences/Semin Technical Reports er/Coordinator) sure icrowave Metamaterial and Skin Can attnaik, SS; Lambert Academic Publist etamaterial Loaded Antenna f pommunication; Pattnaik, SS; Lambert ablishing, 2014.	ss s arnals aars cer Dete hing, 20 or Wi ert Aca	19 90 152 14 ection; 14. ireless demic			
10. 11. 12. 13.	Projects Carried out Patents Technology Transfer Number of Books Published with Details	275 15 (as a Team in One invention Nil Three Books + Ten Book Chapters	membe disclos 10. M Pa 11. M Cc Pu 12. 3I	Number of Research Papers Publication in National Journals Publication in International Jou Presented in Conferences/Semir Technical Reports er/Coordinator) sure icrowave Metamaterial and Skin Can attnaik, SS; Lambert Academic Publis tetamaterial Loaded Antenna f pommunication; Pattnaik, SS; Lambert blishing, 2014. O Printing of Sensors, Actuators and	ss rnals ars cer Dete hing, 20 for Wi ert Aca Antenn	19 90 152 14 ection; 14. ireless demic as for			
10. 11. 12. 13.	Projects Carried out Patents Technology Transfer Number of Books Published with Details	275 15 (as a Team 1 One invention Nil Three Books + Ten Book Chapters	membe disclos 10. M Pa 11. M Ca Pu 12. 3I La	Number of Research Papers Publication in National Journals Publication in International Jou Presented in Conferences/Semir Technical Reports er/Coordinator) sure icrowave Metamaterial and Skin Can attnaik, SS; Lambert Academic Publis etamaterial Loaded Antenna f pmmunication; Pattnaik, SS; Lambublishing, 2014. O Printing of Sensors, Actuators and ow Cost Product Manufacturing; Pattra	ss rnals ars cer Dete hing, 20 for Wi ert Aca Antenn naik, SS	19 90 152 14 ection; 14. ireless demic as for ; CRC			
10. 11. 12. 13.	Projects Carried out Patents Technology Transfer Number of Books Published with Details	275 15 (as a Team i One invention Nil Three Books + Ten Book Chapters	membe disclos 10. M Pa 11. M Cc Pu 12. 3I Lc Pr	Number of Research Papers Publication in National Journals Publication in International Jou Presented in Conferences/Semir Technical Reports er/Coordinator) sure icrowave Metamaterial and Skin Can nttnaik, SS; Lambert Academic Publisi etamaterial Loaded Antenna f primunication; Pattnaik, SS; Lambert bilishing, 2014. O Printing of Sensors, Actuators and ow Cost Product Manufacturing; Pattress, paper (02) in ICL Clebel Number (02) in ICL Clebel	ss rnals ars cer Dete hing, 20 or Wi ert Aca Antenn naik, SS:	19 90 152 14 ection; 14. ireless demic as for ; CRC			

S. No.								
1.	Name	Prof. (Dr.) Sure	esh K Dhameja	0				
2.	Designation	Professor, Entre	Professor, Entrepreneurship Development					
		& Industrial Cod	& Industrial Coordination					
3.	Date of Joining the	10.11.1988						
	institution							
4.	Educational	BE, MTech. (Ci	vil Engg.); MBA; Ph.D.					
	Qualification	(Mgt.)	and the second s	1				
5.	Work Experience	Teaching	38 years					
		Research	34 years along with teaching					
		Industry	Continuous interaction					
		Others	3 years international experience as E	aculty				
		(Administrative)	Consultant at Colombo Plan Staff College	ge for				
		(114111150140170)	Technician Education, Manila, Philippines	50 101				
6.	Area of Specialization	Entrepreneurshi	p Development; Accreditation; Industry In	stitute				
	ľ	Interaction; Si	nall Business Management; Technica	al &				
		Vocational Educ	cation and Training					
7.	Subjects teaching at	At Post Grad	duate level: Entrepreneurship Develop	oment;				
	Under Graduate Level	Organizational I	Behaviour, Management & Entrepreneurshi	ip				
	and Post Graduate		C 1	•				
	Level							
8.	Research Guidance	Master's	07 completed					
		Dissertation	-					
		Ph.D.	01 completed					
		Dissertation	-					
9.	Research Publications		Number of Research Papers	-				
		130	Publication in National Journals	60				
		150	Publication in International Journals	30				
			Presented in Conferences/Seminars	40				
10.	Projects Carried out	Consultancy an	d Research Projects for NPIU, World	Bank,				
		ADBI, UNESCO	D, UNEVOC, Department of Industries and	S&T				
		APACC Internat	tional Accreditation					
11.	Patents	Nil						
12.	Technology Transfer	Web based teach	hing and learning system in 20 countries of	f Asia				
		Pacific Region		~ ~ ~				
13.	Number of Books	Twenty 1.	Environmental Engg. & Management	. SK				
	Published with		Kataria & Sons Publishers, Delhi, 1999 (au	ithor)				
	Details	2.	Environmental Studies. K Kataria &	Sons				
			Publishers, Delhi, 2005 (author).					
		3.	Women Entrepreneurs, Deep & Deep	(1)				
			Publications Pvt. Ltd., New Delhi, 2001 (at	uthor)				
		4.	UNESCO-UNEVOC BOOK ON WORK, learn	ing &				
			Challen and Servin and Publishers 2008	na				
			Chanenges, Springer Publishers, 2008					
		3.	Learning contents					
		6	TVET for the Ageing Society (CDSC)					
		0.	ISBN 978-971-8557-86-0					

S. No.						
1.	Name	Prof. (Dr.) SS	Ba	nwait	645	
2.	Designation	Professor, Mechanical Engineering				
3.	Date of Joining the institution	19.06.1991			60	
4.	Educational Qualification	BE (Mechanica	ıl E	ngg.); M.Tech., Ph.D.		/
5.	Work Experience	Teaching	1	35 years	16 Al	10
	_	Research	~,	34 years along with teaching	69949	5
		Industry	()4 years		
		Others	1	15 years along with teaching		110
		(Administrative	e)			
6.	Area of Specialization	Manufacturing	Te	chnology		
7.	Subjects teaching at	At Postgradua	te	Level: CAD/CAM & Robo	otics, Design for	
	Under Graduate Level	Consumer; Con	npı	ater Based Production Mana	agement	
	and Post Graduate					
0	Level					
ð.	Research Guidance	Master's		108 completed		
		Dissertation 04 in progress				
		Ph.D.		08 completed		
0	Danaanah	Dissertation		02 in progress		
9.	Research			Number of Research Pa	pers	05
	rublications	92		Publication in National Jo		05
		-		Publication in Internation	al Journals	<u> </u>
10		MODDOD D		Presented in Conferences	Seminars	57
10.	Projects Carried out	MODROB Pro	ojec	t; Bio-Energy Technology	& Business Soluti	on for
11		UK & India				
11.	Patents	Nil				
12.	Technology Transfer	Nil				
13.	Number of Books	Three	1.	Design & Manufacturi	ng', Birla Publ	ications,
	Published with		-	Delhi.		- 11 .
	Details		2.	Refrigerant & Psychom	etric Charts &	Tables',
				Birla Publications, Delhi.		
			3.	ISTE Continuing Ed	ducation Modu	ile on
				"Engineering Design".		

S. No.			
1.	Name	Prof. (Dr.) AF	B Gupta
2.	Designation	Professor & H	ead, Education and
		Educationinal	Management Department
3.	Date of Joining the	03.10.1986	
	institution		
4.	Educational	B.E. (Mech	n.) M.E. (Mechanical
	Qualification	Engineering),	Ph.D.(Mechanical)
5.	Work Experience	Teaching	37 years
		Research	-
		Industry	01 year
		Others (Administ	rative) -
6.	Area of Specialization	Curriculum De	evelopment, Manufacturing Technology
7.	Subjects teaching at	At undergrad	luate Level: Curriculum Development;
	Under Graduate Level	At Post G	Fraduate level: Manufacturing Technology
	and Post Graduate	Curriculum De	evelopment
	Level		
8.	Research Guidance	Master's	03 completed
		Dissertation	-
		Ph.D.	-
		Dissertation	-
9.	Research Publications		Number of Research Papers
		36	Publication in National Journals03
		50	Publication in International Journals03
			Presented in Conferences/Seminars 30
10.	Projects Carried out	Performance o	f Electrodes on EDM Machine;
		Flexibility in I	ndustry
		Need analysis,	curriculum development & evaluation
		Development of	of MOOC on 'Curriculum Implementation' and
		launched on SV	WAYAM portal from 27.09.2018 to 21.11.2018
11.	Patents	Nil	
12.	Technology Transfer	Nil	
13.	Number of Books	Two	1. Manufacturing Technology; New Age
	Published with		International Publishers, Delhi.
	Details		2. A Practical Handbook for Mechanica
			Engineers, Galgotia Publishers, Delhi

S. No.					
1.	Name	Prof. (D	r.) Sanj	jay Kumar Sharma	
2.	Designation	Professor	r, Civil	Engineering	7
3.	Date of Joining the	13.02.19	86	10 m	9
	institution			25	1
4.	Educational	ME (Ci	vil En	gineering); Ph.D. (Civil	
	Qualification	Engineer	ring)		
5.	Work Experience	Teaching		37 years	
		Research	l	36 years along with teaching	
		Industry		01 year	
		Others		10 years as HoD, Civil Engg., 02 years as	
		(Adminis	trative)	Professor Incharge, CPDC and Centre for	Clean
(F		Technologies & Sustainable Development	
0.	Area of Specialization	Environr	nental E	Engineering, Building Repair, Retroititing a	na
		Renabilit	tation, I	rrigation & Hydraulics, Public Health Engg	·••
-		Green Te	ecnnolo		
7.	Subjects teaching at	At Postg	raduat	e Level: Environmental Engineering,	
	Under Graduate Level	Construc	tion of	Hydraulic Structures, Building Maintenand	æ,
	L avol	Green Bi	uilding	& Services, Rural Construction Technology	7
8	Research Cuidance	Mastar'	8	80 completed	
0.	Research Guidance	Dissorto	s tion	10 in progress	
		Disserta Ph D		10 m progress	
		Disserta	tion	07 completed 08 in progress	
9.	Research Publications	Disserta	uon	Number of Research Papers	
				Publication in National Journals	52
		125	5	Publication in International Journals	33
				Presented in Conferences/Seminars	40
10	Projects Carried out	30 Consi	iltancy	& Research projects in areas of Renair and	40
10.		Rehabilit	tation of	f Structures and Environmental Engineering	y and
		Green Te	chnolo	oies	, una
11.	Patents	01 (Appl	ied for)	5.00	
12.	Technology Transfer	Nil	104 101)		
13.	Number of Books	Five	1 Dat	a Book in Hydraulics. Wiley Easter, New Delhi	1995
101	Published with	Inc	2. Buil	Iding Repair and Maintenance Management.	CBS
	Details		Pub	lisher, New Delhi, 2007-08.	000
			3. IST	E manuals on Operation Construction	and
			Mai	intenance tube wells, Building maintenance (2 n	os.)
			4. IST	C Manual on Building Defects and Remedial Mea	asures
			(Pai	rt I and Part II).	
			5. Em	erging Trends in Civil Engg.	

1. Name Prof. (Dr.) Hemant Sood 2. Designation Professor & Head, Civil Engineering 3. Date of Joining the institution 02.12.1988 4. Educational B.E. (Civil Engineering) Hons., ME (Highways); Ph.D. 7. Work Experience Teaching 25 years 8. Research 21 years along with teaching	S. No.					
2. Designation Professor & Head, Civil Engineering 3. Date of Joining the institution 02.12.1988 4. Educational Qualification B.E. (Civil Engineering) Hons., ME (Highways); Ph.D. Image: Civil Engineering 5. Work Experience Teaching 35 years Research 21 years along with teaching 6. Area of Specialization Concrete Technology: Pavement Design, Bridge Engg. 7. Subjects teaching at Under Graduate Level At Postgraduate Level: Concrete Technology 9. Research Guidance Mater's Dissertation 50 completed 9. Research Publications 69 Number of Research Papers 9. Research Publications 69 Number of Research Papers 10. Projects Carried out 200 (Consultancy projects) 11 11. Patents Nil 12 13. Number of Books Fifteen 1. Lab Manual on "Concrete Technology" by CBS Published with Details 9 Published with Details Fifteen 1. Lab Manual on "Concrete Mix Design" by ISTE, NDehi 13. Number of Books <th>1.</th> <th>Name</th> <th>Prof. (Dr</th> <th>.) Hen</th> <th>nant Sood</th> <th></th>	1.	Name	Prof. (Dr	.) Hen	nant Sood	
3. Date of Joining the institution 02.12.1988 4. Educational Qualification B.E. (Civil Engineering) Hons., ME (Highways); Ph.D. 5. Work Experience Teaching 35 years Research 21 years along with teaching association 6. Area of Specialization Concrete Technology; Pavement Design, Bridge Engg. 7. Subjects teaching at Under Graduate Level: Concrete Technology; Pavement Design, Bridge Engg. 7. Subjects teaching at Under Graduate Level: Post Graduate Level At Under Graduate Level: Concrete Technology; Pavement Design, Bridge Engg. 8. Research Guidance Master's 50 completed Dissertation 10 in progress Ph.D. 02 completed Dissertation 03 in progress 15 9. Research Publications 15 10. Projects Carried out 200 (Consultancy projects) 15 11. Patients Nil 12 12. Technology Transfer Nil 1 13. Number of Books Fifteen 1. Lab Manual on "Testing of Engg, Materials" by New Agg International, New Della. 2. Lab Manual on "Concrete Mix Design" by ISTE, N.Delhi <	2.	Designation	Professor	& Hea	ad, Civil Engineering	
Instantion B.E. (Civil Engineering) Hons., ME (Highways); Ph.D. 5. Work Experience Teaching 35 years (Highways); Ph.D. 6. Area of Specialization Concrete Technology; Pavement Design, Bridge Engg. 7. Subjects teaching at Under Graduate Level & At Under Graduate Level: Concrete Technology Engg. 8. Research Guidance Master's Dissertation 50 completed Dissertation 50 completed Dissertation 9. Research Publications 69 Publication in National Journals 15 Publication in International Journals 9. Research Publications 69 Publication in International Journals 15 Publication in International Journals 35 Presented in Conferences/Seminars 19 10. Projects Carried out 200 (Consultancy projects) 19 11. Patents Nil 1 13. Number of Books Published with Details Fifteen 1 Lab Manual on "Concrete Mix Design" by ISTE, N.Delhi 1 13. Number of Books Fifteen 1 Lab Manual on "Concrete Mix Design" by ISTE, N.Delhi 1 14. Module on "Enging of Enging of Excele Pavement", NITTR, Chandigarh 5 Module on "Genorete Mix Design" by ISTE, N.Delhi<	3.	Date of Joining the	02.12.198	88	66	
 Luciational (Highways): Ph.D. Work Experience Teaching 35 years Research 21 years along with teaching Industry 1/2 years Others 04 years as HoD, Civil Engineering (Administrative) Area of Specialization Concrete Technology, Pavement Design, Bridge Engg. Subjects teaching at Under Graduate Level: Concrete Technology Under Graduate Level & At Postgraduate Level: Pavement Design, Bridge Engg., Post Graduate Level & At Postgraduate Level: Pavement Design, Bridge Engg., Post Graduate Level & At Postgraduate Level: Pavement Design, Bridge Engg., Post Graduate Level & At Postgraduate Level: Pavement Design, Bridge Engg. Research Guidance Master's 50 completed Dissertation 10 in progress Ph.D. 02 completed Dissertation 03 in progress Projects Carried out 200 (Consultancy projects) Projects Carried out 200 (Consultancy projects) Projects Carried out 200 (Consultancy projects) Problication In International Journals 15 Publication In International Journals 19 Problems, New Delhi CEP package on "Concrete Technology" by CBS Publishers, New Delhi CEP package on "Concrete Technology" by CBS Publishers, New Delhi Cemputer Software on "CondM2-2000"- Concrete Mix Design" by ISTE, N.Delhi Module on "Renote Sensing and its Applications", NITTR, Chandigarh Module on "Special Concretes" NITTR, Chandigarh Module on "Bergian Origon Bridge Bavenent", NITTR, Chandigarh Module on "Special Concretes Wix Design" by NCT, Nethoda Pavenent Construction, NITTR, Chandigarh Module on "Biperioranace Concrete Wix Design" by ACI Method Computer Software on "Concrete Wix Design" by ACI Method Computer Software on 'Design of Flexible Pavenent' on Struction, NITTR, Chandigarh Reader on Superial	4	Educational		il Eno	incoming) Hong ME	
Quantization (ringmways) (Ph.D. 5. Work Experience Teaching 35 years Research 21 years along with teaching 14 years as HoD, Civil Engineering (Administrative) 6. Area of Specialization Concrete Technology; Pavement Design, Bridge Engg. 7. Subjects teaching at Under Graduate Level: Concrete Technology Dissertation Post Graduate Level & At Under Graduate Level: Concrete Technology Dissertation 10 in progress Ph.D. 02 completed Dissertation 10 in progress Ph.D. 02 completed 35 Publication in National Journals 15 Publication in International Journals 15 Publication in International Journals 15 10. Projects Carried out 200 (Consultancy projects) 11 12 Technology Transfer Nil 13. Number of Books Nil 1 1 Lab Manual on "Testing of Engg. Materials" by New Age International, New Delhi 2 Lab. Manual on "Concrete Technology" by CBS Published with Details 5 Module on "Englished with Stre, NEW Delhi 2 Lab. Manual on "Concrete Nix Design" by ISTE, N.Delhi 6 Computer	4.	Educational	B.E. (CIV	II Eng	D D D D D D D D D D D D D D D D D D D	/
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 4. Module on Design flexible pavement, NITTTR, Chandigarh 5. Module on "Floor, wall and ceiling finishes' NITTTR, Chandigarh 6. Computer Software on "ConMD-2000"- Concrete Mix Design, NITTTR, Chandigarh 7. Computer Software on "Design of Flexible Pavement", NITTTR, Chandigarh 8. Module on "Remote Sensing and its Applications", NITTTR, Chandigarh 9. Module on "Special Concretes" NITTTR, Chandigarh 10. Developed eighteen (18) video films in the subject of Concrete Technology and Pavement Construction, NITTTR, Chandigarh 11. Module on 'High Performance Concrete' published by NITTTR, Chandigarh 12. Reader on 'Bridge Bearings' published by NITTTR, Chandigarh 13. Reader on 'Suspension Bridges' published by NITTTR, Chandigarh 14. Computer Software on 'Concrete Mix Design' by ACI Method 15. Computer Software on 'Design of Flexible Pavement' 					N.Delhi	
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 Module of Pioor, wall and celling mustles NITTIR, Chandigarh Computer Software on "ConMD-2000"- Concrete Mix Design, NITTIR, Chandigarh Computer Software on "Design of Flexible Pavement", NITTIR, Chandigarh Module on "Remote Sensing and its Applications", NITTIR, Chandigarh Module on "Special Concretes" NITTIR, Chandigarh Developed eighteen (18) video films in the subject of Concrete Technology and Pavement Construction, NITTIR, Chandigarh Module on 'High Performance Concrete' published by NITTIR, Chandigarh Reader on 'Bridge Bearings' published by NITTIR, Chandigarh Reader on 'Suspension Bridges' published by NITTIR, Chandigarh Computer Software on 'Concrete Mix Design' by ACI Method Computer Software on 'Design of Flexible Pavement' 				_	Chandigarh	гD
 6. Computer Software on "ConMD-2000"- Concrete Mix Design, NITTTR, Chandigarh 7. Computer Software on "Design of Flexible Pavement", NITTTR, Chandigarh 8. Module on "Remote Sensing and its Applications", NITTTR, Chandigarh 9. Module on "Special Concretes" NITTTR, Chandigarh 10. Developed eighteen (18) video films in the subject of Concrete Technology and Pavement Construction, NITTTR, Chandigarh 11. Module on 'High Performance Concrete' published by NITTTR, Chandigarh 12. Reader on 'Bridge Bearings' published by NITTTR, Chandigarh 13. Reader on 'Suspension Bridges' published by NITTTR, Chandigarh 14. Computer Software on 'Concrete Mix Design' by ACI Method 15. Computer Software on ' Design of Flexible Pavement' 				5.	Chandigarh	. K,
 Design, NITTTR, Chandigarh Computer Software on "Design of Flexible Pavement", NITTTR, Chandigarh Module on "Remote Sensing and its Applications", NITTTR, Chandigarh Module on "Special Concretes" NITTTR, Chandigarh Developed eighteen (18) video films in the subject of Concrete Technology and Pavement Construction, NITTTR, Chandigarh Developed eighteen (18) video films in the subject of Concrete Technology and Pavement Construction, NITTTR, Chandigarh Module on 'High Performance Concrete' published by NITTTR, Chandigarh Reader on 'Bridge Bearings' published by NITTTR, Chandigarh Reader on 'Suspension Bridges' published by NITTTR, Chandigarh Computer Software on 'Concrete Mix Design' by ACI Method Computer Software on 'Design of Flexible Pavement' using Melood and Trivial method 				6	Computer Software on "ConMD-2000"- Concrete N	Mix
 Computer Software on "Design of Flexible Pavement", NITTTR, Chandigarh Module on "Remote Sensing and its Applications", NITTTR, Chandigarh Module on "Special Concretes" NITTTR, Chandigarh Developed eighteen (18) video films in the subject of Concrete Technology and Pavement Construction, NITTTR, Chandigarh Module on 'High Performance Concrete' published by NITTTR, Chandigarh Reader on 'Bridge Bearings' published by NITTTR, Chandigarh Reader on 'Suspension Bridges' published by NITTTR, Chandigarh Computer Software on 'Concrete Mix Design' by ACI Method Computer Software on 'Design of Flexible Pavement' using Melood and Triguial method 					Design, NITTTR, Chandigarh	
 NITTTR, Chandigarh Module on "Remote Sensing and its Applications", NITTTR, Chandigarh Module on "Special Concretes" NITTTR, Chandigarh Developed eighteen (18) video films in the subject of Concrete Technology and Pavement Construction, NITTTR, Chandigarh Module on 'High Performance Concrete' published by NITTTR, Chandigarh Reader on 'Bridge Bearings' published by NITTTR, Chandigarh Reader on 'Suspension Bridges' published by NITTTR, Chandigarh Computer Software on 'Concrete Mix Design' by ACI Method Computer Software on 'Design of Flexible Pavement' using Melood and Triavial method 				7.	Computer Software on "Design of Flexible Paveme	ent",
 8. Module on "Remote Sensing and its Applications", NITTTR, Chandigarh 9. Module on "Special Concretes" NITTTR, Chandigarh 10. Developed eighteen (18) video films in the subject of Concrete Technology and Pavement Construction, NITTTR, Chandigarh 11. Module on 'High Performance Concrete' published by NITTTR, Chandigarh 12. Reader on 'Bridge Bearings' published by NITTTR, Chandigarh 13. Reader on 'Suspension Bridges' published by NITTTR, Chandigarh 14. Computer Software on 'Concrete Mix Design' by ACI Method 15. Computer Software on ' Design of Flexible Pavement' using Meloed and Triavial method 					NITTTR, Chandigarh	
NITTTR, Chandigarh 9. Module on "Special Concretes" NITTTR, Chandigarh 10. Developed eighteen (18) video films in the subject of Concrete Technology and Pavement Construction, NITTTR, Chandigarh 11. Module on 'High Performance Concrete' published by NITTTR, Chandigarh 12. Reader on 'Bridge Bearings' published by NITTTR, Chandigarh 13. Reader on 'Suspension Bridges' published by NITTTR, Chandigarh 14. Computer Software on 'Concrete Mix Design' by ACI Method 15. Computer Software on ' Design of Flexible Pavement' using Melood and Trivicial method				8.	Module on "Remote Sensing and its Applications",	,
 9. Module on "Special Concretes" NITTIR, Chandigarh 10. Developed eighteen (18) video films in the subject of Concrete Technology and Pavement Construction, NITTTR, Chandigarh 11. Module on 'High Performance Concrete' published by NITTTR, Chandigarh 12. Reader on 'Bridge Bearings' published by NITTTR, Chandigarh 13. Reader on 'Suspension Bridges' published by NITTTR, Chandigarh 14. Computer Software on 'Concrete Mix Design' by ACI Method 15. Computer Software on ' Design of Flexible Pavement' using Melood and Triavial method 					NITTTR, Chandigarh	
 10. Developed eighteen (18) Video films in the subject of Concrete Technology and Pavement Construction, NITTTR, Chandigarh 11. Module on 'High Performance Concrete' published by NITTTR, Chandigarh 12. Reader on 'Bridge Bearings' published by NITTTR, Chandigarh 13. Reader on 'Suspension Bridges' published by NITTTR, Chandigarh 14. Computer Software on 'Concrete Mix Design' by ACI Method 15. Computer Software on ' Design of Flexible Pavement' using Melood and Triavial method 				9. 10	Module on "Special Concretes" NITTIR, Chandiga	irh
 NITTR, Chandigarh Module on 'High Performance Concrete' published by NITTR, Chandigarh Reader on 'Bridge Bearings' published by NITTR, Chandigarh Reader on 'Suspension Bridges' published by NITTR, Chandigarh Computer Software on 'Concrete Mix Design' by ACI Method Computer Software on ' Design of Flexible Pavement' using Melood and Trioxial method 				10.	Concrete Technology and Payement Construction	ы
 11. Module on 'High Performance Concrete' published by NITTTR, Chandigarh 12. Reader on 'Bridge Bearings' published by NITTTR, Chandigarh 13. Reader on 'Suspension Bridges' published by NITTTR, Chandigarh 14. Computer Software on 'Concrete Mix Design' by ACI Method 15. Computer Software on ' Design of Flexible Pavement' using Melood and Triavial method 					NITTTR Chandigarh	
NITTTR, Chandigarh 12. Reader on 'Bridge Bearings' published by NITTTR, Chandigarh 13. Reader on 'Suspension Bridges' published by NITTTR, Chandigarh 14. Computer Software on 'Concrete Mix Design' by ACI Method 15. Computer Software on ' Design of Flexible Pavement' using Melood and Triavial method				11.	Module on 'High Performance Concrete' published	d bv
 Reader on 'Bridge Bearings' published by NITTTR, Chandigarh Reader on 'Suspension Bridges' published by NITTTR, Chandigarh Computer Software on 'Concrete Mix Design' by ACI Method Computer Software on ' Design of Flexible Pavement' using Melood and Triavial method 					NITTTR, Chandigarh	5
Chandigarh 13. Reader on 'Suspension Bridges' published by NITTTR, Chandigarh 14. Computer Software on 'Concrete Mix Design' by ACI Method 15. Computer Software on ' Design of Flexible Pavement' using Melood and Triavial method				12.	Reader on 'Bridge Bearings' published by NITTTR	,
 13. Reader on 'Suspension Bridges' published by NITTTR, Chandigarh 14. Computer Software on 'Concrete Mix Design' by ACI Method 15. Computer Software on ' Design of Flexible Pavement' using Melood and Triavial method 					Chandigarh	
Chandigarh 14. Computer Software on 'Concrete Mix Design' by ACI Method 15. Computer Software on ' Design of Flexible Pavement' using Melood and Triavial method				13.	Reader on 'Suspension Bridges' published by NITT	ſTR,
 14. Computer Software on 'Concrete Mix Design' by ACI Method 15. Computer Software on ' Design of Flexible Pavement' using Melood and Triavial method 					Chandigarh	CI
Method 15. Computer Software on ' Design of Flexible Pavement' using Melood and Triavial method				14.	Computer Software on 'Concrete Mix Design' by A	ICI
15. Computer Software on Design of Flexible Pavement				15	Methou Computer Software on ' Design of Elevible Des	vomont'
USIDE IVICIEDO ANO E L'IAXIAL METNOO				13.	using Mcleod and Triaxial method	vement

S. No.					ad - 2 7		
1.	Name	Prof. (I	Dr.) BC (Choudhary			
2.	Designation	Professo	Professor & Head, Applied Sciences				
3.	Date of Joining the	05.12.19	994				
	institution			(and a second se			
4.	Educational	M.Sc., 1	M. Phil, l	Ph.D. (Physics)			
	Qualification						
5.	Work Experience	Teachin	g	33 years			
		Researc	h	32 years along with teaching			
		Industry	y	-			
		Others		Earlier, Head of Applied Science Department	for		
		(Admini	istrative)	about 10 years			
6.	Area of Specialization	Applied	Physics	, Nuclear Radiations, Photonics and			
		Nanoph	otonics				
7.	Subjects teaching at	At Und	At Undergraduate Level: Optics; Electricity & Magnetism;				
	Under Graduate Level	At Pos	tgradua	te level: Optical Fiber Communication,	Opto-		
	& Post Graduate Level	electron	ics Instru	umentation			
8.	Research Guidance	Master	's	10 completed			
		Disserta	ation	-			
		Ph.D.		01 completed			
		Disserta	ation	02 in progress			
9.	Research Publications			Number of Research Papers			
		10	11	Publication in National Journals	01		
		10)1	Publication in International Journals	40		
				Presented in Conferences/Seminars	60		
10.	Projects Carried out	02					
11.	Patents	Nil					
12.	Technology Transfer	Nil					
13.	Number of Books	Nil					
	Published with						
	Details						

S. No.						
1.	Name	Prof. (Dr.) R	ake	esh K Wats		
2.	Designation	Professor and	He	ead. Media Engineering		
3.	Date of Joining the	21.02.1992				
	institution	21.02.1772				
4.	Educational	BE, ME (Civi	il),	Ph.D.		
	Qualification				21	
5.	Work Experience	Teaching		35 years	11	
		Research		34 years along with teaching		
		Industry		02 years	T	
		Others		15 years (Administrative along with teaching	ıg)	
-		(Administrativ	ve)			
6.	Area of Specialization	Civil Enginee	rın	g (Hydraulics, Construction Planning &		
_	~	Management)), Q	uality Management, General Management		
7.	Subjects teaching at	At Postgradu	uat	e level: Construction Planning & Manage	ment,	
	Under Graduate Level	HRD & Train	ung	g Methods, Research Methodology		
ø	& Post Graduate Level	M				
ð.	Research Guidance	Dissortation		-		
		Dissertation		-		
		Ph.D.		02 in progress		
0	Desservel Deskligetions	Dissertation				
9.	Research Publications		-	Number of Research Papers	10	
		43		Publication in National Journals	10	
		_	-	Publication in International Journals	03	
10		40 1 1 1		Presented in Conferences/Seminars	30	
10.	Projects Carried out	42 including t	test	ing services		
		Coordinated	Al	CIE-NIII MOOC Module 8: Institution		
		Management & Administrative Procedures' (15 Video and 6				
		e-content) lau	Incr	ned on SWAYAM Portal from 2 nd March to) 27	
11	Dedeeda	April, 2020				
11.	Patents	NII N'I				
12.	Technology Transfer	NII	1			
13.	Number of Books	Three	1.	Continuing Education Modules (AICTE-	ISTE,	
	Published with			New Delhi Publications); Planning &		
	Details			Managing Continuing Education Program	imes	
			2	in Industry & Training Institutes;		
			2.	Creating Total Quality Culture in		
			2	Organizations; Denahmentring for Excellence Cuitations	for	
			5.	Benchmarking for Excellence-Guidelines	for	
				Indian Organizations		

9

S. No.					
1.	Name	Prof.	(Dr.) Maitrey	ree Dutta	
2.	Designation	Profes	sor, Informati	ion Management & Emerging	
		Engin	eering Depart	ment	
3.	Date of Joining the	04.06.	2002	(Internet	
-	institution				7°
4.	Educational Qualification	ME in	Electronics; l	Ph.D. (Engg. & Tech.)	here
5.	Work Experience	Teach	ing	26 years	
	-	Resea	rch	17 years along with teaching	10
		Indus	try	-	he sales
		Other	'S	21 years (Administrative along with teach	ing)
		(Adm	inistrative)		
6.	Area of Specialization	Digita	l Signal Proc	essing, Advanced Computer Architecture, Dat	ta
	-	Wareh	nousing and I	Mining, Digital Image Processing, IoT Securit	ty
7.	Subjects teaching at	At Po	stgraduate le	evel: Digital Signal Processing, Advanced Co	omputer
	Under Graduate Level	Archit	ecture, Data	a Warehousing, Software Testing &	Quality
	& Post Graduate Level	Manag	gement, Busin	ess Intelligence & Data Mining, Soft Comput	ing
8.	Research Guidance	Maste	er's	114 completed	
		Disser	rtation	02 in progress	
		Ph.D.	Dissertation	11 completed	
				04 in progress	
9.	Research Publications			Number of Research Papers	
				Publication in National Journals	03
			189	Publication in International Journals	111
				Presented in Conferences/Seminars	75
10.	Projects Carried out	08 cor	npleted		
11.	Patents	Nil			
12.	Technology Transfer	Nil			
13.	Published with Details	04	 Ins kec Academ Nimble: Lambert Proceedi Commu on Netw Proceedi Things I (Springe Books P Intern Auth https Book Intern Auth Integ Edito Malk Tech Integ Indey Indox Index Ind	An Intergrid for Weather Forecasting. LAP Land ic Publisher; ISBN 978-3330017399. An Intergrid for Weather Forecasting. LA Academic Publisher; ISBN 978-3659896316 ings of Second International Conference on nication, Computing & Networks – Lecture orks & System (Springer), Vol. 46. ings of International Conference on Internet of Inclusive Life – Lecture Notes on Networks & r), Vol. 116. ublished: 04 net of Things for Indoor Air Quality Monitorin ors: Saini, Jagriti, Dutta, Maitreyee, Goncalo ://www.springer.com/gp/book/978303082215 arating IOT and AI for Indoor Air Quality Asse prs: Jagriti Saini,Maitreyee Dutta, Goncalo Ma a N. Halgamuge. Series: Internet of Things- nology, Communications and Computing. Spr ://link.springer.com/book/9783030964856 (So ced) or Air Quality Assessment for Smart Environr ors: Jagriti Saini, Maitreyee Dutta, Goncalo M a N. Halgamuge. Series: Ambient Intelligence t Environments. IOS press, 978-1-64368-276 enabled Computer-Aided Systems for Smart B Goncalo Marques, Jagriti Saini, Maitreyee D 3: 978-3-031-26685-0, URL: ://link.springer.com/book/10.1007/978-3-031-	P. Notes System ng <u>6#about</u> essment. rques, ringer. COPUS nents, arques, e and -1 suildings. utta. -26685-0

S. No.				
1.	Name	Prof. (Dr.) SS	Dhami	
2.	Designation	Professor, Med	chanical Engineering	11
		Department an	d Head ECE Department	11
3.	Date of Joining the	03.08.2004	le me	
	institution			
4.	Educational	B.E. (Mech. I	Engg.), M.E. (Mech. Engg.),	1
	Qualification	Ph.D. (Mech. l	Engg.)	
5.	Work Experience	Teaching	32 years	
		Research	27 years along with teaching	
		Industry		and contracts
		Others	04 years as Head, Mechanical Engg., NITTTR,	Chd;
		(Administrative	e) 09 years as Professor Incharge, Institute Vehicl	es
6.	Area of Specialization	Mechatronics,	Automation, Control System, Modeling and	
	~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~	Simulation		
7.	Subjects teaching at	At Under G	raduate Level: Servomechanisms & Au	tomatic
	Under Graduate Level	control, Mech	anical Measurements, CAD/CAM, Fundamen	ntals of
	& Post Graduate Level	Computer Pro	ogramming at PEC University of Tech	nology.
		Chandigarh;		
		At Postgradua	ate level: Industrial Automation & Control, In	dustrial
		Instrumentatio	n, Materials for Manufacturing, Co	mputer
		Programming	& Applications, Artificial Intelligen	ce in
		Manufacturing	, Mechatronics System Design	
8.	Research Guidance	Master's	60 completed	
		Dissertation	10 in progress	
		Ph.D.	08 completed	
		Dissertation	04 in progress	
9.	Research Publications		Number of Research Papers	
		(0	Publication in National Journals	04
		60	Publication in International Journals	36
			Presented in Conferences/Seminars	28
10.	Projects Carried out	• Setting up o	f Simulation Centre of Excellence funded by ABB,	,
		Bengaluru		
		 Setting up o 	f CAD Laboratory under MODROBS (in PEC, Cha	andigarh)
11.	Patents	Personalised LP	G Cylinder Handling System for Domestic Deliver	y Person
		Application No.	201711004209 A, Filed: 2017-02-06, Published: 20	017-02-1
		in Official Journ	al of The Patent Office, Issue No.	
		0//201/(http://w	www.1p1nd1a.n1c.1n/writereaddata/Portal/IPOJournal	/1_442_1
10	The last transfer	/Part1.pdf)		
12.	Technology Transfer	Nil		
13.	Number of Books	Nil		
	Published with			
	Details			

S. No.				
1.	Name	Prof. (Dr.) UN	Roy	6
2.	Designation	Professor & He	ad, Rural Development and	1
	5	Education & Ed	lucational Management	
3.	Date of Joining the	19.05.1995		
	institution			
4.	Educational	B.Sc. (Hons.),	M.Sc. (Env. Sc.), PGD (in	1
	Qualification	Rural Dev/Mgt.) & Ph.D. (Rural Dev.)	
5.	Work Experience	Teaching	29 years	and l
		Research	29 years along with teaching	-
		Industry	-	
		Others	06 years as HoD, Rural Development	
		(Administrative)		
6.	Area of Specialization	Watershed Man	nagement; Organic Farming; Rural Techr	ologies
		Sustainable Dev	velopment and Disaster Management	
7.	Subjects teaching at	At Postgradua	te level: Rural Technologies; Developme	ent and
	Under Graduate Level	Planning, Sust	ainable Development, Rainwater Harvest	ting &
	& Post Graduate Level	Watershed Man	agement, Environmental Impact Analysis	-
8.	Research Guidance	Master's	07 completed	
		Dissertation	- in progress	
		Ph.D.	01 completed	
		Dissertation	04 in progress	
9.	Research Publications		Number of Research Papers	
			Publication in National Journals	07
		115	Publication in International Journals	04
			Presented in Conferences/Seminars	104
10.	Projects Carried out	09 Completed a	and	<u> </u>
		02 in progress		
11.	Patents	Nil		
12.	Technology Transfer	Low Cost Kitch	en: Low Cost Toilets: Smokeless Chullah: V	Vaste
		Water Treatmen	it: Ferrocement Technology	
13.	Number of Books	Four 1. Pun	ia, RD & UN Roy "Appropriate Technology"	, 1999,
	Published with	Saty	va Prakashan, New Delhi	,
	Details	2. Iyer	Gopal K & UN Roy "Watershed Managem	ent and
		Sust	tainable Development", 2005, Kanishka Publishe	rs, New
		Dell	hi	
		3. Roy	UN "People Participation in Watershed Manag	ement",
		200	5, Kanishka Publisher, New Delhi.	
		4. Roy	UN & JS Saini People's Empowerment and Sus	taınable
		Rura	al Development, 2009, Rawat Publication, Jaipu	r
		5. Roy	, UN and Goyal, Amit "Skills Developme	nt and
			Mologies for Sustainable Kural Development if	i muta

S. No.						
1.	Name	Prof. (Dr.) C F	Rama Krishna	(and the second		
2.	Designation	Professor, Com	puter Science & Engineering			
	_	Department		House !!		
3.	Date of Joining the	14.10.1996	(F			
	institution			and the second s		
4.	Educational	B.Tech. (ECE), M.Tech. (Eltx.), Ph.D.			
	Qualification	(Engg.)	(2)			
5.	Work Experience	Teaching	27 years	A CONTRACTOR OFFICE		
		Research	27 years along with teaching	a la contra Maria de la constana		
		Industry	-			
		Others	06 years, 9 months as HoD, Depa	rtment of Computer		
		(Administrative) Science & Engineering; 02 years	as Associate Dean;		
			08 months as Dean (Administration	on and Finance)		
6.	Area of Specialization	Wireless Com	Wireless Communications & Networks, Computer			
		Cloud Comput	ing, Cryptography and Cyber S	Security, Machine		
		Learning Appli	cations			
7.	Subjects teaching at	At Postgradua	te level: Advanced Computer N	etworks, Network		
	Under Graduate Level	Technologies, l	Network Security, Wireless Netw	vorks		
~	& Post Graduate Level					
8.	Research Guidance	Master's	85 completed			
		Dissertation	05 in progress			
		Ph.D.	12 Awarded			
		Dissertation	08 in progress			
9.	Research Publications		Number of Research Papers	3		
		120	Publication in National Journ	als 04		
		129	Publication in International J	ournals 35		
			Presented in Conferences/Sen	ninars 90		
10.	Projects Carried out	07 completed				
11.	Patents	Patent: 01 Aw	arded, 03 Published; Copyright	t: 01 Registered		
12.	Technology Transfer	Nil				
13.	Number of Books	04 (Edited 1	Book Chapter: 11			
	Published with	Volumes of				
	Details	Conference				
		Proceedings)				

S. No.							
1.	Name	Prof. (Dr.) I	Lini Mathew				
2.	Designation	Professor &	Head, Electrical Engineering				
3.	Date of Joining the institution	10.11.1988	10.11.1988				
4.	Educational	BE (Electrica	BE (Electrical Engg.); ME (Electrical				
	Qualification	Engg.), Ph.D	. (Electrical Engg.)	ales.			
5.	Work Experience	Teaching	37 years				
	r	Research	20 years				
		Industry	02 years				
		Others	09 years as HoD, Electrical Engineering				
		(Administrat	ive)				
6.	Area of Specialization	Electric Powe Techniques, D Data Acquisiti	er System, FACTS, Power Quality, Soft Con igital Signal Processing, Measurement, Instrumentat on, Virtual Instrumentation, Machine Health Monite	nputing tion and oring			
7.	Subjects teaching at	At Undergr	aduate level: Digital Signal Processing an	d its			
	Under Graduate Level	Applications;	Artificial Neural Networks and Fuzzy Logic; MA	ГLAB			
	& Post Graduate Level	Programming	Automation in Industrial Process Co	ontrol;			
		Instrumentatio	on and Control; Laboratory Practices in Elec	ctrical			
		Engineering;	Electrical Machines; Electrical Design, Dra	iwing,			
		At Destared	LOSUNG;	Signal			
		Processing P	C Interfacing and Data Acquisition: Soft Com	outing			
		Techniques N	IATLAB and LabVIEW: Virtual Instrumentation	Smart			
		Grid & Distrib	outed Generation				
8.	Research Guidance	Master's	141 completed				
		Dissertation	14 in progress				
		Ph.D.	04 awarded				
		Dissertation	01 submitted				
		Dissertation	01 submitted 01 in progress				
9.	Research Publications	Dissertation	01 submitted 01 in progress Number of Research Papers				
9.	Research Publications	Dissertation	01 submitted 01 in progress Number of Research Papers Publication in National Journals	04			
9.	Research Publications	Dissertation 137	01 submitted 01 in progress Number of Research Papers Publication in National Journals Publication in International Journals	04 47			
9.	Research Publications	Dissertation	01 submitted 01 in progress Number of Research Papers Publication in National Journals Publication in International Journals Presented in Conferences/Seminars	04 47 86			
9.	Research Publications Projects Carried out	Dissertation 137 • Design of E	01 submitted 01 in progress Number of Research Papers Publication in National Journals Publication in International Journals Presented in Conferences/Seminars Electrical Installation for providing LED lights at v.	04 47 86 arious			
9. 10.	Research Publications Projects Carried out	Dissertation 137 • Design of E Green Belts	01 submitted 01 in progress Number of Research Papers Publication in National Journals Publication in International Journals Presented in Conferences/Seminars Electrical Installation for providing LED lights at v. /Parks/Parking, Markets etc. for Municipal Corport	04 47 86 arious ration,			
9. 10.	Research Publications Projects Carried out	Dissertation 137 • Design of E Green Belts Chandigarh	01 submitted 01 in progress Number of Research Papers Publication in National Journals Publication in International Journals Presented in Conferences/Seminars Clectrical Installation for providing LED lights at v. /Parks/Parking, Markets etc. for Municipal Corporation	04 47 86 arious ration,			
9. 10.	Research Publications Projects Carried out	Dissertation 137 • Design of E Green Belts Chandigarh • Preparation	01 submitted 01 in progress Number of Research Papers Publication in National Journals Publication in International Journals Presented in Conferences/Seminars Electrical Installation for providing LED lights at v. Parks/Parking, Markets etc. for Municipal Corporation of Educational Video Films for the NTC program	04 47 86 arious ration, me in			
9. 10.	Research Publications Projects Carried out	Dissertation 137 • Design of E Green Belts Chandigarh • Preparation Electrical Ir	01 submitted 01 in progress Number of Research Papers Publication in National Journals Publication in International Journals Presented in Conferences/Seminars Clectrical Installation for providing LED lights at v. /Parks/Parking, Markets etc. for Municipal Corporation in Educational Video Films for the NTC program stallation & maintenance Work for a Technical Sch	04 47 86 arious ration, me in tool in			
9.	Research Publications Projects Carried out	Dissertation 137 • Design of E Green Belts Chandigarh • Preparation Electrical Ir Nigeria;	01 submitted 01 in progress Number of Research Papers Publication in National Journals Publication in International Journals Presented in Conferences/Seminars Clectrical Installation for providing LED lights at v. /Parks/Parking, Markets etc. for Municipal Corpor of Educational Video Films for the NTC program stallation & maintenance Work for a Technical Sch	04 47 86 arious ration, me in tool in			
9. 10.	Research Publications Projects Carried out	Dissertation 137 • Design of E Green Belts Chandigarh • Preparation Electrical Ir Nigeria; • Training the Leatellation	01 submitted 01 in progress Number of Research Papers Publication in National Journals Publication in International Journals Presented in Conferences/Seminars Electrical Installation for providing LED lights at v. /Parks/Parking, Markets etc. for Municipal Corporation of Educational Video Films for the NTC program stallation & maintenance Work for a Technical School e Trainers of Technical School in Nigeria in Elect % maintenance Work during 14 April to 01 May 20	04 47 86 arious ration, me in tool in ctrical			
9.	Research Publications Projects Carried out	 Dissertation Dissertation 137 Design of E Green Belts Chandigarh Preparation Electrical Ir Nigeria; Training the Installation NITTER C 	01 submitted 01 in progress Number of Research Papers Publication in National Journals Publication in International Journals Presented in Conferences/Seminars Electrical Installation for providing LED lights at v. /Parks/Parking, Markets etc. for Municipal Corporation of Educational Video Films for the NTC program stallation & maintenance Work for a Technical Schoel e Trainers of Technical School in Nigeria in Eleck & maintenance Work during 14 April to 01 May, 24 bandigarh:	04 47 86 arious ration, ame in tool in ctrical 015 at			
9.	Research Publications Projects Carried out	Dissertation 137 • Design of E Green Belts Chandigarh • Preparation Electrical Ir Nigeria; • Training the Installation NITTTR, C • Designed a	01 submitted 01 in progress Number of Research Papers Publication in National Journals Publication in International Journals Presented in Conferences/Seminars Clectrical Installation for providing LED lights at v. /Parks/Parking, Markets etc. for Municipal Corporation in Educational Video Films for the NTC program istallation & maintenance Work for a Technical School e Trainers of Technical School in Nigeria in Elegation & maintenance Work during 14 April to 01 May, 20 handigarh; and developed the following Instructional material	04 47 86 arious ration, me in tool in ctrical 015 at			
9.	Research Publications Projects Carried out	 Dissertation Dissertation 137 Design of E Green Belts Chandigarh Preparation Electrical Ir Nigeria; Training the Installation NITTTR, C Designed a Contactor (1990) 	01 submitted 01 in progress Number of Research Papers Publication in National Journals Publication in International Journals Presented in Conferences/Seminars Clectrical Installation for providing LED lights at v. /Parks/Parking, Markets etc. for Municipal Corporation of Educational Video Films for the NTC program stallation & maintenance Work for a Technical Schoel e Trainers of Technical School in Nigeria in Elect & maintenance Work during 14 April to 01 May, 20 handigarh; nd developed the following Instructional material Control Circuits: Reading and Interpreting Engine	04 47 86 arious ration, me in tool in ctrical 015 at l viz., eering			
9.	Research Publications Projects Carried out	 Dissertation 137 Design of E Green Belts Chandigarh Preparation Electrical Ir Nigeria; Training the Installation NITTTR, C Designed a Contactor O Drawing; A 	01 submitted 01 in progress Number of Research Papers Publication in National Journals Publication in International Journals Presented in Conferences/Seminars Clectrical Installation for providing LED lights at v. /Parks/Parking, Markets etc. for Municipal Corporation of Educational Video Films for the NTC program stallation & maintenance Work for a Technical School in Nigeria in Elequing e Trainers of Technical School in Nigeria in Elequing & maintenance Work during 14 April to 01 May, 20 handigarh; nd developed the following Instructional materia Control Circuits; Reading and Interpreting Engine A monograph on Units and Dimensions; Instal	04 47 86 arious ration, me in tool in ctrical 015 at 1 viz., eering llation			
9.	Research Publications Projects Carried out	 Dissertation Dissertation 137 Design of E Green Belts Chandigarh Preparation Electrical Ir Nigeria; Training the Installation NITTTR, C Designed a Contactor O Drawing; A Trouble-shot 	01 submitted 01 in progress Number of Research Papers Publication in National Journals Publication in International Journals Presented in Conferences/Seminars Electrical Installation for providing LED lights at v. /Parks/Parking, Markets etc. for Municipal Corporation of Educational Video Films for the NTC program stallation & maintenance Work for a Technical Schoel e Trainers of Technical School in Nigeria in Eleck & maintenance Work during 14 April to 01 May, 24 handigarh; nd developed the following Instructional material Control Circuits; Reading and Interpreting Engine A monograph on Units and Dimensions; Installoting and Preventive Maintenance of M	04 47 86 arious ration, ame in ool in ctrical 015 at l viz., eering llation fotors,			
9.	Research Publications Projects Carried out	 Dissertation Dissertation 137 Design of E Green Belts Chandigarh Preparation Electrical Ir Nigeria; Training the Installation NITTTR, C Designed a Contactor O Drawing; A Trouble-sho Transformer 	01 submitted 01 in progress Number of Research Papers Publication in National Journals Publication in International Journals Presented in Conferences/Seminars Idectrical Installation for providing LED lights at v. /Parks/Parking, Markets etc. for Municipal Corporation of Educational Video Films for the NTC program stallation & maintenance Work for a Technical School in Nigeria in Elev & maintenance Work during 14 April to 01 May, 20 handigarh; nd developed the following Instructional materia Control Circuits; Reading and Interpreting Engine A monograph on Units and Dimensions; Instal oting and Preventive Maintenance of M rs and Batteries; Signal Processing; Programming	04 47 86 arious ration, me in tool in ctrical 015 at l viz., eering llation fotors, in C;			
9.	Research Publications Projects Carried out	 Dissertation 137 Design of E Green Belts Chandigarh Preparation Electrical Ir Nigeria; Training the Installation NITTTR, C Designed a Contactor O Drawing; A Trouble-sho Transforme MATLAB I 	01 submitted 01 in progress Number of Research Papers Publication in National Journals Publication in International Journals Presented in Conferences/Seminars Electrical Installation for providing LED lights at v. /Parks/Parking, Markets etc. for Municipal Corporation of Educational Video Films for the NTC program stallation & maintenance Work for a Technical School in Nigeria in Elect & maintenance Work during 14 April to 01 May, 20 handigarh; nd developed the following Instructional material Control Circuits; Reading and Interpreting Engine A monograph on Units and Dimensions; Instal oting and Preventive Maintenance of M rs and Batteries; Signal Processing; Programming Programming; Introduction to LabVIEW.	04 47 86 arious ration, me in tool in ctrical 015 at l viz., eering llation lotors, in C;			
9. 10. 11.	Research Publications Projects Carried out Patents	 Dissertation 137 Design of E Green Belts Chandigarh Preparation Electrical Ir Nigeria; Training the Installation NITTTR, C Designed a Contactor O Drawing; A Trouble-sho Transforme: MATLAB I Nil 	01 submitted 01 in progress Number of Research Papers Publication in National Journals Publication in International Journals Presented in Conferences/Seminars Clectrical Installation for providing LED lights at v. /Parks/Parking, Markets etc. for Municipal Corporation of Educational Video Films for the NTC program stallation & maintenance Work for a Technical Schoel e Trainers of Technical School in Nigeria in Elect & maintenance Work during 14 April to 01 May, 20 handigarh; nd developed the following Instructional material Control Circuits; Reading and Interpreting Engine A monograph on Units and Dimensions; Instal oting and Preventive Maintenance of Mars and Batteries; Signal Processing; Programming Programming; Introduction to LabVIEW.	04 47 86 arious ration, me in tool in ctrical 015 at l viz., eering llation lotors, in C;			
9. 10. 11. 12.	Research Publications Projects Carried out Projects Carried out Patents Technology Transfer	Dissertation 137 • Design of E Green Belts Chandigarh • Preparation Electrical Ir Nigeria; • Training the Installation NITTTR, C • Designed a Contactor O Drawing; A Trouble-sho Transforme: MATLAB F Nil Nil	01 submitted 01 in progress Number of Research Papers Publication in National Journals Publication in International Journals Presented in Conferences/Seminars Electrical Installation for providing LED lights at v. /Parks/Parking, Markets etc. for Municipal Corporation of Educational Video Films for the NTC program stallation & maintenance Work for a Technical Schoel e Trainers of Technical School in Nigeria in Eleck & maintenance Work during 14 April to 01 May, 24 handigarh; nd developed the following Instructional material Control Circuits; Reading and Interpreting Engine A monograph on Units and Dimensions; Installoting and Preventive Maintenance of M rs and Batteries; Signal Processing; Programming Programming; Introduction to LabVIEW.	04 47 86 arious ration, ume in tool in ctrical 015 at l viz., eering llation totors, in C;			
9. 10. 11. 12. 13.	Research Publications Projects Carried out Projects Carried out Patents Technology Transfer Number of Books	Dissertation 137 • Design of E Green Belts Chandigarh • Preparation Electrical Ir Nigeria; • Training the Installation NITTTR, C • Designed a Contactor O Drawing; A Trouble-sho Transforme: MATLAB F Nil Nil One	01 submitted 01 in progress Number of Research Papers Publication in National Journals Publication in International Journals Presented in Conferences/Seminars Clectrical Installation for providing LED lights at v. /Parks/Parking, Markets etc. for Municipal Corporation of Educational Video Films for the NTC program stallation & maintenance Work for a Technical School in Nigeria in Elev & maintenance Work during 14 April to 01 May, 20 handigarh; nd developed the following Instructional materia Control Circuits; Reading and Interpreting Engine A monograph on Units and Dimensions; Instal oting and Preventive Maintenance of M rs and Batteries; Signal Processing; Programming Programming; Introduction to LabVIEW.	04 47 86 arious ration, me in tool in ctrical 015 at l viz., eering llation fotors, in C;			
9. 10. 11. 12. 13.	Research Publications Projects Carried out Projects Carried out Patents Technology Transfer Number of Books Published with	Dissertation 137 • Design of E Green Belts Chandigarh • Preparation Electrical Ir Nigeria; • Training the Installation NITTTR, C • Designed a Contactor C Drawing; A Trouble-sho Transforme: MATLAB F Nil One	01 submitted 01 in progress Number of Research Papers Publication in National Journals Publication in International Journals Presented in Conferences/Seminars Clectrical Installation for providing LED lights at v. /Parks/Parking, Markets etc. for Municipal Corporation of Educational Video Films for the NTC program stallation & maintenance Work for a Technical School in Nigeria in Elect & maintenance Work during 14 April to 01 May, 20 handigarh; nd developed the following Instructional materia Control Circuits; Reading and Interpreting Engine A monograph on Units and Dimensions; Instal oting and Preventive Maintenance of Mars and Batteries; Signal Processing; Programming Programming; Introduction to LabVIEW.	04 47 86 arious ration, me in tool in ctrical 015 at l viz., eering llation lotors, in C; rvices S.K.			

S. No.							
1.	Name	Prof. (Dr.)	Raje	esh Mehra			
2.	Designation	Professor a	Professor and Head, Curriculum				
		Developme	Development Department				
3.	Date of Joining the	15.03.1996		100 100			
	institution						
4.	Educational	B.Tech. (E	CE) f	rom NIT, Jalandhar;	1		
	Qualification	ME (ECE)	and I	Ph.D. (ECE) from PU,	-		
	_	Chandigarh	1				
5.	Work Experience	Teaching		28 years	1		
	Ĩ	Research		16 years along with teaching	1		
		Industry		-			
		Others		5 years (2 years as Head of ECE Department and 5	years as		
		(Administra	ntive)	Head of CDC Department), Hostel Warden (Male),	Chief		
6	Area of Specialization	VISI&Si	mall	Hostel warden Processing PLC & SCADA Renewable Fr	orou		
0.	Area or specialization	Innovative	Curri	iculum Design	icigy,		
7.	Subjects teaching at	At Postgra	duat	e Level: Advanced DSP VI SI Design			
	Under Graduate Level	iit i ostgi u	uuuu				
	& Post Graduate Level						
8.	Research Guidance	Master's		110 completed			
		Dissertatio	n	15 in progress			
		Ph.D.		03 in progress			
		Dissertatio	n	01 submitted			
9.	Research Publications			Number of Research Papers			
				Publication in National Journals	-		
		525		Publication in International Journals	424		
				Presented in Conferences/Seminars	101		
10.	Projects Carried out	01					
11.	Patents	Nil					
12.	Technology Transfer	Nil					
13.	Number of Books	One	1)	Book "PLC & SCADA – Theory & Practice".	Laxmi		
101	Published with	One	_,	Publications, Weblink: https://www.amazon.in/	PLCs-		
	Details			SCADA-Practice-Rajesh-Mehra-			
			•	ebook/dp/B07568SYLK			
			2)	Book Chapter "Current Perspectives and Advance	ements		
				$\frac{1}{2020}$ https://doi.org/10.1007/978-981-15-1/83-8.8	DOI:		
			3)	Book Chapter "An Extensive Review on Organic	Light-		
			0)	Emitting Diode for Energy-Saving and Eco-fr	riendly		
				Technology", 2019, DOI: 10.1007/978-981-13	-677 <u>2</u> -		
				<u>4_78</u>			
			4)	Book Chapter "Automatic magnification indep	endent		
				classification of breast cancer tissue in histol			
				DOI: 10 1007/978-981-13-3140-4 69	2019,		
			5)	Book Chapter "Reconfigurable area and speed ef	ficient		
			-,	interpolator using DALUT algorithm"	2011,		
				DOI: <u>10.1007/978-3-642-17878-8_13</u>			
			6)	Book Chapter "FPGA implementation of high	speed		
				pulse shaping filter for SDR applications"	2010,		
1				DOI: 10.1007/978-3-642-14493-6-23			

I. Name Prof. (Dr.) Srinivasa KG 2. Designation Information Management & Encrying Engineering 3. Date of Joining the institution 15.03.2019 (now on licn w.s.fl 23.03.2022 to institution 4. Educational Qualification U.C.E. HDI; Ph.D. (CSE from BU in 2007; Avarded BOYSCAST Fellowship by DST, GoI, for post-doctoral research work at University of Melbourne, Australia Institution 5. Work Experience Teaching 20 years 7. Subjects teaching at Under Graduate Level Attinity, I.G. (CSE from BU, GI, GL), Biglial Pedagogy A foraduate Level Attinity, Conduct Computing, I.G. Diglial Pedagogy 7. Subjects teaching at Under Graduate Level and Mining, Conduct Computing, Algorithms, Compiler Design, Automata Theory, GPP Pogramming; At Post Graduate Level Structures, High Pedromata Theory, GPP Pogramming; At Post Graduate Level Structures, High Pedromata Theory, GPP Pogramming; At Post Graduate Level Structures, High Pedromata Theory, GPP Pogramming; At Post Graduate Level Structures, High Pedromata Theory, GPP Pogramming; At Post Graduate Level System Simulation, Database Advanced Computer Achitecture, Soft Parkawate K. Pograms 90 9. Research Publications 15 140 The Distori I to Thermational Journals 40 10. Projects Carried out 1. Design and Development of Assistiv Intervel of Parkawate Kore Proses 11. <th>S. No.</th> <th></th> <th></th> <th></th> <th></th>	S. No.				
2. Designation Professor, Information Management & Emerging Engineering 3. Date of Joining the institution 15.03.2019 (now on lien w.cf. 23.03.2022 (or IIIT, Naya Rajpur) 4. Educational Qualification B.E. (Inf. Science & Eng.g.); M.E. (CSE from UVCE - BU); Ph.D. (CSE from BU in 2007); Avarded ROYSCAST Fellowship by DST, Go. for post-doctoral research work at University of Melbourne. Australia. Information BU in 2007); Avarded ROYSCAST Fellowship by DST, Go. for post-doctoral research work at University of Melbourne. Australia. 5. Work Experience Teaching 20 years Research 16 years (along with Teaching). 6. Area of Specialization Data Mining, Cloud Computing, IoT. Digital Pedagogy 7. Subjects teaching at Under Graduate Level and Post Graduate Level Architecture. Soft Computing. Matter's Dissert Simulation, Database Avanced Computing. ISOSC Simulation, Database Avanced Computing I of Graduate Level. System Simulation, Database Avanced Computer Architecture. Soft Computing 8. Research Guidance Ph.D. Dissertation I Science Simulation, Database Avanced Computer Architecture. Soft Computing 9. Research Publications Matter's Dissert Simulation and Unerable of Physical Post Science Simulation and Post Science Simulation and	1.	Name	Prof. (Dr.) Srin	ivasa KG	
3. Date of Joining the institution 15.03.2019 (now on lien w.e.f 23.03.2022 to IIIT, Naya Raipur) 4. Educational Qualification BE. (Inf. Science & Engg.); M.E. (CSE from UVCE - 8U); Ph.D. (CSE from UVCE - 8U); Ph.D. (CSE from SU in 2007); Awarded BOYSCAST Fellowship by DST, Gol. for post-doctoral research work at University of Melbourne, Australia. 5. Work Experience Teaching 20 years 6. Area of Specialization Data Mining, Cloud Computing, 10T, Digital Pedagoru 7. Subjects teaching at Under Graduate Level Area and Post Graduate Level System Simulation, Database Advanced Computing. I Subjects Carried out Master's Dissertation 15 9. Research Publications Master's Dissertation 15 Master's Dissertation 14 140 Publication in International Journals 10 Publication in International Journals 40 9. Research Publications Implication in Database Advanced Tables (CB) Status (CB) Stat	2.	Designation	Professor, Info	rmation Management &	
institution IIIT, Naya Raipur) 4. Educational Qualification B.E. (Inf. Science & Eng.); M.E. (CSE from UVCF = BU); PhD (CSE from BU in 2007); Awarded BOYSCAST Fellowship by DST, Gol for post-doctoral research work at University of Melbourne, Australia. 5. Work Experience Teaching Teaching 20 years 6. Area of Specialization Data Mining, Cloud Computing, JoT, Digital Peddagogy Peddemics (# CSPCE, New Delhi (Administrative) 4 years Nead of Department (# MSRIT, Bengaluru and Post Graduate Level and Post Graduate	3.	Date of Joining the	15.03.2019 (nov	y on lien w.e.f 23.03.2022 to	2
4. Educational Qualification B.E. (Inf. Science & Engy.): M.E. (CSE from UVCE - BU): Ph.D. (CSE from BU in 2007); Awarded BOYSCAST Fellowship by D.S. (G.I. for post-doctoral research work at University of Melbourne, Australia. 5. Work Experience Teaching Research 10 years (Jong with Teaching) 6. Area of Specialization Area of Specialization 10 years (Jong with Teaching) 7. Subjects teaching at Under Graduate Level and Post Graduate Level Arganatic Level. Data Mining, Cloud Computing, IoT, Digital Pedagogy 8. Research Guidance Data Mining, Cloud Computing, Automata Theory, GP Graduate Level. Data Mining, Cloud Computing, Automata Theory, GP Post Graduate Level. 9. Research Guidance Mater's Dissertation 15 9. Research Publications 140 Publication in International Journals 10 10. Projects Carried out 1 Design and Development of Assitive Interest of Things (JoT) Framework for Physical Challenge Paple, Fanding Agency, SRC Fast Thek Hoposik for Yonges Scientific Science 2. Spin and Annow 10, 35, 300. 10 11. Patents 1 Design and Development of Assitive Interest of Things (JoT) Framework for Physical Challenge Paple Fanding Agency, SRC Fast Thek Hoposik for Yonges Scient Scients Scient Sc		institution	IIIT, Nava Raipur		1
Qualification UVCE - BU; Ph.D (CSE from BU in 2007); for post-doctoral research work at University of Mellbourne, Australia. 5. Work Experience Teaching 20 years Research 16 years (along with Teaching) 6. Area of Specialization Data Mining, Cloud Computing, IoT, Digital Pedagogy 7. Subjects teaching at Under Graduate Level and Post Graduate Level Variant Computing, Algorithms, Computing, Algorithms, Computing, Algorithms, Computing, Algorithms, Congline Design, Automata Theory, GP Programming; At Post Graduate Level; System Simulation, Database Advanced Computer Architecture, Soft Computing 8. Research Guidance Master's Dissertation 15 9. Research Publications Image: Soft Computing, Algorithms, Completed; 2 Submitted + 2 Ongoing 9. Research Publications 140 110. Projects Carried out 1. Design and Development of Aussive Internet of Things (OF) Formewerk for Physical Data Soft Carried out 10. Projects Carried out 1. Design and Development of Aussive Internet of Things (OF) Formewerk for Physical Data Soft Carried Of Physical Soft Patholication in National Journals 10 11. Patents 1. Design and Development of Aussive Internet of Things (OF) Formewerk for Physical Data Soft Patholication in National Journals Data Soft Patholication in National Journals	4.	Educational	B.E. (Inf. Science	& Engg.); M.E. (CSE from	1
Awarded BOYSCAST Fellowship by DST. Gol. for post-doctoral research work at University of Melbourne, Australia. 5. Work Experience Teaching 20 years Research I of years (along with Teaching) 6. Area of Specialization To administrative) I year as Dean (Academics) @ CBPGEC, New Delhi (Administrative) 7. Subjects teaching at Under Graduate Level and Post Graduate Level Data Mining, Cloud Computing, IoT, Digital Pedagogy 8. Rescarch Guidance Mater's Dissertation I Graduate Level: Microprocessors, Discrete Strem Simulation, Database Advanced Computer Architecture, Soft Computing 9. Rescarch Publications I Destign and Development of Asolite I Destign, Automata 10, Database Advanced Computer Architecture, Soft Computing 10 9. Rescarch Publications I Destign and Development of Asolite I Destign And Development of Asolite Netrent of Thing 007 Framework for Physical Challenged Pople: Finding Agency SEC Fast Tack Poposals for Young Scientist Scient DST (2013–2016), Gina Annouri, US, 3000- 2015; Gina Annouri, US, 3000- 2015; Gina Annouri, US, 3000- 2015; Gina Annouri, US, 3000- 2015; Gina Annouri, B, 105 (2010); Cine, Netronali E, 104 (2010); Scientist Scient DST (2013–2016); Gina Annouri, B, 105 (2010); Cine, Netronali B, 40 (2010; Edward Mathrider, 2010; Cine, Netronali B, 40 (2010; Cina Annouri, 2013; Cina Annouri, 2010; Cina Annouri, 2010; Ci		Oualification	UVCE - BU); Ph	.D (CSE from BU in 2007);	-
Image: Second			Awarded BOYSC	AST Fellowship by DST, GoI,	
Melhoume, Australia. Description 5. Work Experience Teaching Research 16 years (along with Teaching) 6. Area of Specialization Data Mining, Cloud Computing, 160, Digital Pedagogy 7. Subjects teaching at Under Graduate Level and Post Level and Post Level and Post Graduate Level and Po			for post-doctoral r	esearch work at University of	
3. Work Experience Teaching 20 years 1 16 years (along with Teaching) Industry 0. Area of Specialization Data Mining, Cloud Computing, IoT, Digital Pedagogy 7. Subjects teaching at Under Graduate Level Marting, Cloud Computing, IoT, Digital Pedagogy 8. Research Guidance Master's Dissertation 15 9. Research Guidance Master's Dissertation 15 9. Research Publications 1400 Publication in National Journals 10 9. Research Publications 1400 Publication in International Journals 10 10. Projects Carried out 1. Design and Development of Assitive Internet of Thing 0d07 Inserwork for Physical Claineged Poles Funding Agency: SIRC Fair Transwork for Physical Distribution of Notice Status Internet of Thing 0d07 Inserwork for Physical Distribution in International Journals 10 110. Projects Carried out 1. Design and Development of Assitive Internet of Thing 0d07 Inserwork for Physical Distribution in National Journals 10 12. Technology Transfer - - 13. Publication in National Journals 10 - 14. Patents 1 Applicd - -	F	Work Freedomen	Melbourne, Austra	11a.	1
Industry Description for reacting. Industry - Others 1 year as Dean (Academics) @ CBPGEC, New Delhi (Administrative 4 years Head of Department @ MSRIT, Bengaluru 6. Area of Specialization Data Mining, Cloud Computing, IoT, Digital Pedagogy 7. Subjects teaching at Under Graduate Level and Post Graduate Level and	5.	work Experience	Teacning Research	16 years (along with Teaching)	1
Others I year as Dean (Academics) of CDPGEC, New Delhi (Administrative) 6. Area of Specialization Data Mining, Cloud Computing, IoT, Digital Pedagogy 7. Subjects teaching at Under Graduate Level and Post Graduate Level and Post Graduate Level and Post Graduate Level. Microprocessors, Discrete Structures, High Performanc Computing, Algorithms, Compiler Design, Automata Theory, GPI Programming; At Post Graduate Level: System Simulation, Database: Advanced Computer, Architecture, Soft Computing 8. Research Guidance Master's Dissertation I S 9. Research Publications Image: Structure Structure, Structure Structu			Industry	-	
6. Area of Specialization Data Mining, Cloud Computing, IoT, Digital Pedagogy 7. Subjects teaching at Under Graduate Level and Post Concente Concenter Mostondelage and Post Concente Le			Others	1 year as Dean (Academics) @ CBPGEC, New I	Delhi
6. Area of Specialization Data Mining, Cloud Computing, 167, Digital Pedagogy 7. Subjects teaching at Under Graduate Level and Post Graduate Level and Post Graduate Level and Post Graduate Level At Graduate Level: Microprocessors, Discrete Structures, High Performanc Computing, Algorithms, Compiler Design, Automata Theory, GPI Programming: At Post Graduate Level: System Simulation, Database Advanced Computer Architecture, Soft Computing 8. Research Guidance Master's Dissertation 15 9. Research Publications Number of Research Papers 140 Number of Research Papers Publication in International Journals 10 9. Projects Carried out 1. Design and Development of Assistive Internet of Things (IoT) Framework for Physical Challenged People: Fluding Agency: UGC, New Dethi, IO2) 2015; Grant Annoam, 1033 800. 10 10. Projects Carried out 1. Design and Development of Assistive Internet of Things (IoT) Framework for Physical Challenged People: Fluding Agency: UGC, New Dethi, IO2, 2015; Grant Annoam, 1033 800. 10 11. Patents 1 Approp: Disc Grant Annoam, 1033 800. 100 bc: 2006; Grant Annoam, 1033 800. 12. Technology Transfer - - - 13. Number of Books Published with Details Number of Books			(Administrative)	4 years Head of Department @ MSRIT, Bengalu	ıru
7. Subjects teaching at Under Graduate Level and Post Graduate Level System Simulation, Database Advanced Computer Architecture, Soft Computing 8. Research Guidance Master's Dissertation IS 9. Research Publications Statuse Soft Computer Soft Computing Image: Soft Computer Soft Computing 9. Research Publications Image: Soft Computer Soft Computing Image: Soft Computer Soft Computing 10. Projects Carried out Image: Soft Computer Computer Soft Computer Computing Computer Soft Computer Computing Computer Computing Computer Computing Computer Soft Computer Computing Computer Computing Computer Computing Computer Computing Computer Computing Co	6.	Area of Specialization	Data Mining, C	loud Computing, IoT, Digital Pedagog	у
Under Graduate Level and Post Graduate Level and Post Graduate Level Programming: At Post Graduate Level: System Simulation, Database Advanced Computer Architecture, Soft Computing 8. Research Guidance Master's Dissertation 15 Ph.D. Dissertation S Completed; 2 Submitted + 2 Ongoing 9. Research Publications Master's Dissertation 16 Ph.D. Dissertation S Completed; 2 Submitted + 2 Ongoing 9. Research Publications Mumber of Research Papers 10 10. Projects Carried out 1. Design and Development of Assistive Internet of Things (df) Framework for Physical Challenged People; Funding Agency: SERC Fast Track Proposals for Young Scientiss Schem DST; (2013 - 2016); Grant Annount; 24.00.000- 2. 10. Projects Carried out 1. Design and Development Annount; 24.00.000- 2. 11. Patents 1. Design and Development Monount; 24.00.000- 2. 2. 12. Technology Transfer - - - - - 13. Number of Books Published with Details 1. Krishnanj PM, Ankit Mohan, Srinivasa KG; Tractical Social Network Analysis wit Python', ISBN 978-319-9745-5, Series: Computer Ommunications and Network Springer; ISBN 978-319-9745-5, Series: Com	7.	Subjects teaching at	At Graduate Leve	l: Microprocessors, Discrete Structures, High Per	formance
and Post Graduate Level Prograduate Level Prograduate Devel Prograduate Devel Statistic Computer Architecture, Soft Computing 8. Research Guidance Master's Dissertation 15 9. Research Publications Scomplet Architecture, Soft Omputer Architecture, Soft Omputer Computing 10 9. Research Publications Image of the Computer Architecture, Soft Omputer Computer Computing 10 10. Projects Carried out 1. Design and Development of Assistive Internet of Things (0D) Framework for Pusical Challenged Pople; Pusing Agency: SER CFas Track Poposals for Young Scientists Schem DST; (2013 - 2016) Grant Amount; 10,35,800 10. Projects Carried out 1. Design and Development Amount; 24,00,000 2. 11. Patents 1. Design and Doc Source Software Engineering; Funding Agency: UCC, New Delhi; (2012 2015; Grant Amount; 10,35,800 2. CUDA RESEARCH CENTRE; Funding Agency: avdia (Ind. Inst. Interacion); 2013; US 250 Cash Award for Teaching Associates - Graphics Cards worth Rs, 50,000 11. Patents 1 Applied 1 12. Technology Transfer - 1. 13. Number of Books Published with 1. Krishmaraj PM. Ankit Mohan, Srinivasa KG, Siddesh GM, Srinidhi H, "Network Data Analytics: A Hands-On Approac for Application Development', Series: C		Under Graduate Level	Computing, Algor	nithms, Compiler Design, Automata Theor	y, GPU
8. Research Guidance Master's Dissertation 15 9. Research Publications Number of Research Papers 10. Projects Carried out 140 Publication in National Journals 10 10. Projects Carried out 1. Design and Development of Assistive Internet of Things (JoT) Framework for Physical Chain (2007) 10 10. Projects Carried out 1. Design and Development of Assistive Internet of Things (JoT) Framework for Physical Chain (2007) 10 11. Design and Development of Assistive Internet of Things (JoT) Framework for Physical Chain (2008) 2015; Grant Anomici JoS, 8000. 2015; Grant Anomici JoS, 8000. 2016; Grant Anomici JOS, 8000. 10 2015; Grant Anomici JOS, 8000. 3. Machine Learning Techniques for Data Mining basery. UGC; New Delhi; Dec. 200 to Dec. 2008; Grant Anomici JOS, 8000. 11. Patents 1 Applied 12. Technology Transfer - 13. Number of Books Published with Details Science Angerse: Computer Communications and Network Springer, ISBN 13, 2781-25257076 14. Striutwas KG, Siddesh GM, Strinkih K, "Network 2017. ISBN 13, 2781-525257076 Striutwas KG, Biddesh, Chetan Shety and Sownya J. Statistical Programming R, Oxford University Fress, 2017. <		and Post Graduate Level	Advanced Compute	r Architecture. Soft Computing	Jatabases,
Ph.D. Dissertation Completed; 2 Submitted + 2 Ongoing 9. Research Publications Number of Research Papers 140 Publication in National Journals 10 16. Projects Carried out 1 Design and Development of Assistive Interest of Things (67) Framework for Physical Challenged People; Funding Agency: SERC Fast Track Poposals for Young Scientists Schem DST; (2013 – 2016); Grant Anount; 24,00,000. 10. Projects Carried out 1 Design and Development of Assistive Interest of Things (167) Framework for Physical DST; (2013 – 2016); Grant Anount; 24,00,000. 2 Empirical Analysis of Public Data Sources to Understand the Development Methodologi of Free and Open Sources to Understand the Development Methodologi of Free and Open Sources Sources to Understand the Development Methodologi of Free and Open Sources Sources to Understand the Development Systems; Fundin Agency: DRD, (2010 – 2012); Grant Anount: 86,149 SL khts 11. Patents 1 Applied 12. Technology Transfer - 13. Number of Books Published with Details Published with Published with Springer, ISBN 978-3319-97800-6, 2018 Strinivasa KG, Siddeh GM, Srinivasa KG, Tractical Social Network Analysis with Python', ISBN 978-3319-77800-6, 2018 2 Strinivasa KG, Gideba GM, Srinivasa KG, Siddeh GM, Srinivasa KG, Gideba Z, and Krishnarij PM. Tee and Open Soura Software in Modern Data Science and Businessub5555 </th <th>8.</th> <th>Research Guidance</th> <th>Master's Disse</th> <th>tation 15</th> <th></th>	8.	Research Guidance	Master's Disse	tation 15	
9. Research Publications Number of Research Papers Publication in National Journals 10 10. Projects Carried out 140 Publication in National Journals 40 10. Projects Carried out 1. Design and Development of Assitive Internet of Things (JoT) Framework for Physical Challenged People; Funding Agency: SERC Flast Tack Propoals for Young Scientists Schem DST: (2013 – 2016; Grant Amount: 240,0000- - 10. Projects Carried out 1. Design and Development of Assitive Internet of Things (JoT) Framework for Physical DST: (2013 – 2016; Grant Amount: 240,0000- - 2015; Grant Amount: 10.35,800- . Empirical Anapsis of Public Data Sources to Understand the Development Methodologi of Free and Open Source Software Engineering; Funding Agency: UCC, New Delhi; Dc: 2005; Conta Amount: 10.35,800- . 3. Machine Laraning Techniques for Data Mining adm DNA Anapysis; Finding Agency: INCTE, New Delhi; Dc: 2005 Cab Award for Teaching Associates + Graphics Cards worth Rs. 50,000- 11. Patents 1 Applied 12. Technology Transfer - 13. Number of Books Published with Details 1. 14. Srinivasa KG, Siddesh GM, Srinidhi H, "Network Data Analytics: A Hands-On Approac for Application Development", Steries: Computer Communications and Network Springer. 13. Srinivasa KG, Giddesh GM, Srinidhi H, "Net			Ph.D. Dissertat	ion 5 Completed: 2 Submitted + 2 O	ngoing
Institution Publication in National Journals 10 140 Publication in National Journals 40 Presented in Conferences/Seminars 90 Technical Reports 90 Tec	9.	Research Publications	1 1102 (2 155 (1 (11)	Number of Research Papers	
140 Publication in International Journals 40 Presented in Conferences/Seminars 90 10. Projects Carried out 1. Design and Development of Assistive Internet of Things (IOT) Framework for Physical Challenged Pooler, Funding Agency: SIRC Fast Track Propash for Young Scientists Schem DST; (2013 – 2016); Grant Amount: 2400,000- 9. 2. Empirical Analysis of Public Data Sources to Understand the Development Methodologi of Free and Open Source Software Engineering; Funding Agency: UGC, New Delhi; Dc. 200 (2015); Grant Amount: 10.35,800- 3. 3. Machine Learning Techniques for Data Mining bacel Intrusion Detection Systems; Fundir Agency: DRDO, (2010); Grant Amount: 8, 1495 Labh 4. 4. Biomedical Data Mining and DNA Analysis; Funding Agency: AICTE, New Delhi; Dc. 200 to Dec 2008; Grant Amount: 8, 1615 Labh 5. 11. Patents 1 Applied 4. 12. Technology Transfer - 13. Number of Books Published with Details 1. Krishnaraj PM. Ankit Mohan, Srinivasa KG, "Practical Social Network Analysis wit Python", ISBN 978-3-319-96745-5, Series: Computer Communications and Network Springer. 2. Srinivasa KG, Siddesh GM, Srinidhi H, "Network Data Analytics: A Hands-On Approa for Application Development", Series: Computer Communications and Network Springer. 3. Srinivasa KG, Giddesh GM, Srinidhi H, "Network Data Analytics: A Hands-On Approa fo				Publication in National Journals	10
Intervention Presented in Conferences/Seminars 90 Technical Reports - 10. Projects Carried out 1. Design and Development of Assistive Internet of Things (JoT) Framework for Physicall Challenged People; Funding Agency: SERC Frast Track Proposals for Young Scientists Schem DST; (2013 – 2016); Grant Amount; 24,00,000/. 2. Empirical Analysis of Public Data Sources to Understand the Development Methodologin of Free and Open Source Software Engineering; Funding Agency: UCC, New Delhi; C012 2015); Grant Amount; 10,35,800/. 3. Machine Learning Techniques for Data Mining Agency: UCC, New Delhi; Dec. 200 to Dec. 2008; Grant Amount; Bn. 10.5 Lakbs 4. Biomedical Data Mining and DNA Analysis; Funding Agency: AICTE, New Delhi; Dec. 200 to Dec. 2008; Grant Amount; Bn. 10.5 Lakbs 5. CUDA RESEARACH CENTRE; Funding Agency: mivdia (Ind. Inst. Interaction); 2013; US 2500 Cash Award for Teaching Associates + Graphics Cards worth Rs. 50,000- 11. Patents 1 Applied 12. Technology Transfer - 13. Number of Books Published with Details 1. Krishnaraj PM, Ankit Mohan, Srinivasa KG, "Practical Social Network Analysis wit Python", ISBN 978-3-319-96745-5, Series: Computer Communications and Network Springer, ISBN 978-3-319-97780-6, 2018 3. 3. Srinivasa KG, Ganesh Chandra Deka, and Krishnaraj PM. "Tree and Open Sourc Software in Modem Data Science and			140	Publication in International Journals	40
Image: Internet of Technical Reports Image: Im			140	Presented in Conferences/Seminars	90
 Projects Carried out Design and Decempter to Assistive Internet of Things (00) France (00) Found Section 2000. Enablenged People; Funding Agency: SERC Fast Tack Proposals for Nome Scientis Schem DST; (2013 – 2016); Grant Amount; 24, 2000. Empirical Analysis of Public Data Sources to Understand the Development Methodologic of Free and Open Sources Software Engineering; Funding Agency: UGC, New Delhi; (2012 2015); Grant Amount; 10, 35, 800- Machine Learning Techniques for Data Mining based Intrusion Detection Systems; Fundir Agency: DRO, (2010 - 2012; Grant Amount; 10, 45, 800- Machine Learning Techniques for Data Mining based Intrusion Detection Systems; Fundir Agency: DRO, (2010 - 2012; Grant Amount; 10, 45, 14kh CUDA RESEARCH CENTRE; Funding Agency: Ndid (Ind. Inst. Interaction); 2013; US 2500 Cash Award for Teaching Associates + Graphics Cards worth Rs. 50,000/- Technology Transfer Krishnaraj PM, Ankit Mohan, Srinivasa KG, "Practical Social Network Analysis with Details Krishnaraj PM, Ankit Mohan, Srinivasa KG, "Practical Social Network Analysis with Springer, ISBN 978-3319-96745-5, Series: Computer Communications and Network Springer, ISBN 978-3319-9780-6, 2018 Srinivasa KG, Siddesh GM, Hanumantha Raju, "Internet of Things", 460 pages, Cengag Learning India Pvt. L4, (2018), ISBN: "Syninger, 3000, 505 Strinivasa KG, Granet Chondra Deka, and Krishnaraj PM. "Free and Open Sour Software in Modern Data Science and Business Intelligence: Emerging Research an Opportunities." IG Global, 2018, 1180, Web 27 Nov. 2017. ISBN13: 9781522537076 Srinivasa KG, GM Siddesh, Chean Shety and Spark, Springer, 2014. Venugopal KR, Srinivasa KG, Chean Shety and Spark, Springer, 2014. Venugopal KR, Srinivasa KG, Chean Shety and Spark, Springer, 2014. Venugopal KR, Srinivasa KG, Cheank Guets in Computational Intelligence: Series: 190, 2009.<th>10</th><th></th><th>1 Design and Develo</th><th>Technical Reports</th><th>-</th>	10		1 Design and Develo	Technical Reports	-
11. Patents 1 Applied 12. Technology Transfer - 13. Number of Books Published with Details 1. Krishnaraj PM, Ankit Mohan, Srinivasa KG, "Practical Social Network Analysis with Python", ISBN 978-3-319-96745-5, Series: Computer Communications and Network Springer. 2. Srinivasa KG, Siddesh GM, Srinidhi H, "Network Data Analytics: A Hands-On Approad for Application Development", Series: Computer Communications and Network Springer, ISBN 978-3-319-77800-6, 2018 3. Srinivasa KG, Siddesh GM, Hanumantha Raju, "Internet of Things", 460 pages, Cengag Learning India Pvt. Ltd. (2018), ISBN: 978-9386858955 4. Srinivasa KG, Ganesh Chandra Deka, and Krishnaraj P.M. "Free and Open Sourc Software in Modern Data Science and Business Intelligence: Emerging Research an Opportunities." IGI Global, 2018. 1-189. Web. 27 Nov. 2017. ISBN13: 9781522537076 5. Srinivasa KG, Anil Kumar Muppalla, A Guide to High Performance Distribute Computing – Case Studies with Hadoop, Scalding and Spark, Springer, 2014. 7. Venugopal KR, Srinivasa KG, LM Patnaik, Soft Computing for Data Minin Applications, Springer – Studies in Computational Intelligence Series: 190, 2009. 8. Venugopal KR, Srinivasa KG, Pankaj Lathar, and GM. Siddesh. "The Rise of Fog Computing in th Digital Era." IGI Global, 2019. 1-295. Web. 15 Jul. 2018. doi:10.4018/978-1-5225-6070- 2. 9. Strinivasa, KG, Pankaj Lathar, and GM. Siddesh. "The Rise of Fog Computing in th Digital Era." IGI Global, 2019. 1-295. Web. 15 Jul. 2018. doi:10.4018/978-1-5225-			 Empirical Analysis of Free and Open 9 2015); Grant Amou Machine Learning Agency: DRDO, (2) Biomedical Data M to Dec. 2008; Grant CUDA RESEARC 2500 Cash Award fi 	(; Grant Amount; 24,00,000/- s of Public Data Sources to Understand the Development Me Source Software Engineering; Funding Agency: UGC, New Det nt; 10,35,800/- Techniques for Data Mining based Intrusion Detection System 010 -2012); Grant Amount: Rs. 14.95 Lakhs Ining and DNA Analysis; Funding Agency: AICTE, New Delh Amount: Rs. 10.5 Lakhs H CENTRE; Funding Agency: nvidia (Ind. Instt. Interaction); or Teaching Associates + Graphics Cards worth Rs. 50.000/-	thodologies elhi; (2012 – ms; Funding i; Dec. 2005 2013; USD
12. Technology Transfer - 13. Number of Books Published with Details - 14. Krishnaraj PM, Ankit Mohan, Srinivasa KG, "Practical Social Network Analysis wit Python", ISBN 978-3-319-96745-5, Series: Computer Communications and Network Springer. 2. Srinivasa KG, Siddesh GM, Srinidhi H, " Network Data Analytics: A Hands-On Approac for Application Development", Series: Computer Communications and Network Springer, ISBN 978-3-319-77800-6, 2018 3. Srinivasa KG, Siddesh GM, Hanumantha Raju, "Internet of Things", 460 pages, Cengag Learning India Pvt. Ltd. (2018), ISBN: 978-9386858955 4. Srinivasa KG, GM Siddesh, Chetan Shety and Krishnaraj P.M. "Free and Open Sourc Software in Modern Data Science and Business Intelligence: Emerging Research an Opportunities." IGI Global, 2018. 1-189. Web. 27 Nov. 2017. ISBN13: 9781522537076 5. Srinivasa KG, Amil Kumar Muppalla, A Guide to High Performance Distribute Computing - Case Studies with Hadoop, Scalding and Spark, Springer, 2014. 7. Venugopal KR, Srinivasa KG, LM Patnaik, Soft Computing for Data Minin Applications, Springer - Studies in Computational Intelligence Series: 190, 2009. 8. Venugopal KR, Srinivasa KG, Pankaj Lathar, and GM. Siddesh. "The Rise of Fog Computing in th Digital Era." IGI Global, 2019. 1-295. Web. 15 Jul. 2018. doi:10.4018/978-1-5225-6070 10. Strinivasa, KG, Pankaj Lathar, and GM. Siddesh. "The Rise of Fog Computing in th Digital Era." IGI Global, 2019. 1-295. Web. 15 Jul. 2018. doi:10.4018/978-1-5225-6070 11.	11.	Patents	1 Applied	reacting resources + chapters cards worth the bigoto.	
 Number of Books Published with Details Krishnaraj PM, Ankit Mohan, Srinivasa KG, "Practical Social Network Analysis with Python", ISBN 978-3-319-96745-5, Series: Computer Communications and Network Springer. Srinivasa KG, Siddesh GM, Srinidhi H, "Network Data Analytics: A Hands-On Approat for Application Development", Series: Computer Communications and Network Springer, ISBN 978-3-319-77800-6, 2018 Srinivasa KG, Siddesh GM, Hanumantha Raju, "Internet of Things", 460 pages, Cengag Learning India Pvt. Ltd. (2018), ISBN: 978-9386858955 Srinivasa KG, Ganesh Chandra Deka, and Krishnaraj P.M. "Free and Open Sourc Software in Modern Data Science and Business Intelligence: Emerging Research an Opportunities." IGI Global, 2018. 1-189. Web. 27 Nov. 2017. ISBN13: 9781522537076 Srinivasa KG, GM Siddesh, Chetan Shetty and Sowmya B J, Statistical Programming i R, Oxford University Press, 2017. Srinivasa KG, Ani Kumar Muppalla, A Guide to High Performance Distribute Computing – Case Studies with Hadoop, Scalding and Spark, Springer, 2014. Venugopal KR, Srinivasa KG, LM Patnaik, Soft Computing for Data Minin Applications, Springer – Studies in Computational Intelligence Series: 190, 2009. Venugopal KR, Srinivasa KG, Krishnaraj PM, File Structures using C+++, Tata Megrat Hill, New Delhi, 2008. Srinivasa, KG, Pankaj Lathar, and GM. Siddesh. "The Rise of Fog Computing in th Digital Era." IGI Global, 2019. 1-295. Web. 15 Jul. 2018. doi:10.4018/978-1-5225-670- Siddesh G M, Ganesh C Deka, KG Srinivasa, LM Patnaik, Cyber Physical Systems Computational Perspective, by Chapman and Hall/CRC, ISBN 9781482259759 - CAT K24201, 2015. Ganesh C, Deka, Siddesh GM, KG Srinivasa I, M Patnaik, Emerging Research 	12.	Technology Transfer	-		
Surrounding Power Consumption and Performance Issues in Utility Computing, Advance in Systems Analysis, Software Engineering, and High Performance Computin (ASASELIPC) Prock Sories IGL (John Sories Editory Vijayan (Orkland	13.	Number of Books Published with Details	 Krishnaraj PM, A Python", ISBN 97 Springer. Srinivasa KG, Sic for Application Springer, ISBN 97 Srinivasa KG, Sic Learning India Pvt Srinivasa KG, C Software in Mode Opportunities." IG Srinivasa KG, GN R, Oxford Univers Srinivasa KG, A Computing – Cas Venugopal KR, Applications, Spri 8. Venugopal KR, Si Hill, New Delhi, 2 1.1Edited Books Srinivasa, KG, P Digital Era." IGI C Siddesh G M, Gaa Computational Pe K24201, 2015. Ganesh C Deka, Surrounding Powe in Systems Anaa A SEEUDO Po 	nkit Mohan, Srinivasa KG , "Practical Social Network An 78-3-319-96745-5, Series: Computer Communications and Idesh GM, Srinidhi H, "Network Data Analytics: A Hands-O Development", Series: Computer Communications and 8-3-319-77800-6, 2018 Idesh GM, Hanumantha Raju, " Internet of Things ", 460 page . Ltd. (2018), ISBN: 978-9386858955 Janesh Chandra Deka, and Krishnaraj P.M. "Free and Opern Data Science and Business Intelligence: Emerging Re I Global, 2018. 1-189. Web. 27 Nov. 2017. ISBN13: 978152 4 Siddesh, Chetan Shetty and Sowmya B J, Statistical Progr ity Press, 2017. nil Kumar Muppalla, A Guide to High Performance I e Studies with Hadoop, Scalding and Spark , Springer, 20: Srinivasa KG , LM Patnaik, <i>Soft Computing for Da</i> nger – Studies in Computational Intelligence Series: 190, 200 inivasa KG , Krishnaraj PM, <i>File Structures using C++</i> , Ta 008. ankaj Lathar, and GM. Siddesh. "The Rise of Fog Compu- Idobal, 2019. 1-295. Web. 15 Jul. 2018. doi:10.4018/978-1-5 nesh C Deka, KG Srinivasa , LM Patnaik, Cyber Physical 3 rspective, by Chapman and Hall/CRC, ISBN 97814822597 Siddesh GM, KG Srinivasa , L M Patnaik, Emerging r Consumption and Performance Isues in Utility Computing plysis, Software Engineering, and High Performance	alysis with Networks, n Approach Networks, es, Cengage pen Source esearch and 22537076 amming in Distributed 14. <i>ta Mining</i> 09. ata Mcgraw tting in the 225-6070-8 Systems- A '59 - CAT# g Research g, Advances Computing

S. No	4						
1.	Name	Prof. (Dr.) Sand	leep	Singh Gill		
2.	Designation	Profes	sor and	d	Head, Informat	ion	
		Manage	ement & Ei	mergi	ng Engineering		
3.	Date of Joining the	27.03.2	2019				
	institution					100	
4.	Educational Qualification	BE (E	&EC) (Ho	ns.);	M.Tech (ECE), M	BA	
		(Market	ing/Systems	& Co	ntrol), Ph.D. (ECE)		2
5.	Work Experience	Teachi	ng		26 years		In
		Resear	ch		06 (along with Teachi	ng)	
		Indust	ry		4 years	ALL HUB TOUL	
		Others	(Administra	tive)	2 years as Head Appellate Authorit	, ECE Department; y (RTI)	First
6.	Area of Specialization	VLSI	CAD,	Soft	Computing Te	echniques, Engine	eering
		Manag	gement				-
7.	Subjects teaching at Under	At Gr	aduate L	level	: Engineering Ma	nagement, Total Q	uality
	Graduate Level and Post	Manag	gement				-
	Graduate Level	At Po	st Gradu	ate I	Level: VLSI Physic	cal Design, Engine	eering
		Design	n & Projec	t Ma	nagement		
8.	Research Guidance	Maste	r's	11	0		
		Disser	tation				
		Ph.D.		2 (s	submitted)		
		Disser	tation	5 (Pursuing)		
9.	Research Publications	1	175	Nu	mber of Research	n Papers	
				Put	olication in Nation	al Journals	03
				Put	lication in Interna	ational Journals	56
				Pre	sented in Conferen	nces/Seminars	113
				Tec	chnical Proceeding	S	03
10.	Projects Carried out	04			-		
11.	Patents	01 (Ap	oplied For	:)			
12.	Technology Transfer	-					
13.	Number of Books	05	Carbor	ı Nan	o Tube-Based Senso	r Design for NEMS/	
	Published with Details		MEMS	S App	lications by Devi, R	& Gill, SS (2020). In	Raj,
			B., Kh	osla, l	M., & Singh, A. (Ed.), Major Applications	s of
			Carbor	1 Nan	otube Field-Effect T	ransistors (CNTFET)	(pp.
			$\frac{3}{-53}$. IGI 2	Global. http://doi:10	.4018/9/8-1-/998-13	93-
			4.0100 ● Impact	J of St	oscar Engineering or	Performance of June	tion
			 Impact less Tr 	ancist	or Lambert Academ	ic Publishing ISBN	No
			978-61	3-9-4	5556-0. 2019.	ne i uonsining, iobi (110.
			CMOS	SRA	M Design and Analy	vsis of Low leakage a	nd
			High S	peed	SRAM Cell. Lambe	rt Academic Publishin	ıg,
			Contril	buted	Essay on "Marketin	g in 21 st century " in h	ook.
			"Busin	ess M	lanagement-Paramet	ers and perspectives,"	
			edited	by Di	: Ajay Prasher, Med	allion Press,	
			978818	88252	2152, 2005.		
			Contril	buted	Chapter on "Manage	ement Information Sy	stems
			(MIS)' 2005.	' in "I	Handbook of Manage	ement", Pragati Praka	shan,

S. No.								
1.	Name	Prof. (Dr.) Poo	Prof. (Dr.) Poonam Syal					
2.	Designation	Professor, D Engineering	Professor, Department of Electrical Engineering					
3.	Date of Joining the institution	11.02.1986		TELE				
4.	Educational Qualification	BE (Electrical Engg.); Ph.D.	Engg.), ME (Electrical (Electrical Engg.)	71				
5.	Work Experience	Teaching	38 years					
	_	Research	04 years along with Teaching					
		Industry	-					
		Others (Administrative)	3 years as HoD, Rural Development Departme	ent				
6.	Area of Specialization	Energy Mana Engineering, R Technology, Su Electronic Instr Development, based Training Women Empow	agement, Instrumentation for Environme enewable Energy Based Technologies, Ass istainable Development, Clean Technologies, rumentation, Planning and Management for Appropriate Technology, Compe g Programme, Social Science Research Techn werment	nental sistive , Opto Rural etency iques,				
7.	Subjects teaching at Under Graduate Level & Post Graduate Level	At Post Gradu for Environme Electronic Ins Development, 7	uate level: Energy Management, Instrument ntal Engineering, Research Methodology, trumentation, Technology Transfer for Training for Rural Youth	tation Opto Rural				
8.	Research Guidance	Master's Dissertation	18 completed 05 in progress					
		Ph.D. Dissertation	01 completed 01 in progress					
9.	Research Publications		Number of Research Papers					
		94	Publication in National Journals	08				
			Publication in International Journals and Book Chapters	21				
			Presented in Conferences/Seminars	65				
10.	Projects Carried out	Nil						
11.	Patents	One - Patent "Spatial tactile app graphics for visual Published on 31 A	No. 411091 (Patent application numbered 1739/DEL paratus and method for creation and navigation of virtually challenged" granted by The Patent Office, New Dell ugust 2016 on 09.11.2022)	_/2012, al hi, Pater				
12.	Technology Transfer	Nil						
13.	Number of Books Published with Details	Nil						

S. No					
1.	Name	Prof. (Dr.) F	Rupinder	Singh	
2.	Designation	Professor, M	lechanical	Engineering	
3.	Date of Joining the institution	n 31.12.2019			V
4.	Educational Qualification	B.Tech (Proc Engg.) Ph D	duction E	ngg.), M.Tech (Production	
5	Work Experience	Teaching	24 years		1
5.	Work Experience	Research	19 years	S along with teaching	6 C
		Industry	0.5 year	, along with teaching	
		Others	14 year	s along with teaching (Head, Mechanical	Engg
		(Administrative	NITTTR	; Dean Academics, Dean PG & Research, (QIP Co-
		````	coordina Secretary	tor, Nodal Officer Academic (TEQIP-II), Academic Council, etc. at GNE Ludhiana	Member
6.	Area of Specialization	Non-traditional	l machinir	ng, Metal casting, Rapid prototyping/manufa	cturing,
7	Subjects teaching at Under	At Undergrad	duate Le	Maintenance engineering	rawing.
1.	Graduate Level & Post	Machining Scie	ence: Wor	k study and Ergonomics: Non-traditional Mac	chining:
	Graduate Level & 10st	At Postgradua	ate Level	: Metal Casting; Welding Technology; Dia	agnostic
		Maintenance M	Ionitoring	; Non-traditional Machining;	0
8.	Research Guidance	Master's Disse	ertation	99 Completed; 02 in progress	
		Ph.D. Disserta	tion	16 Completed; 06 In progress	
9.	<b>Research Publications</b>	Total = <b>503;</b>	Number	of Research Papers	
		Scopus author ID (55641527000):	Publicat	tion in International Journals	314
		ORCID identifier	Publicat	tion in National Journals	28
		10	Presente	ed in Conferences/Seminars	161
10.	Projects Carried out	18			
11.	Patents Tashnalagu Transfor	05			
12.	Number of Books	02 20 1 'Inve	estigations fo	or machining characteristics of titanium alloys by US	M'. 2010
13.	Published with Details	<ul> <li>Lami</li> <li>2. 'App 2010 autho</li> <li>3. 'Provident of the second second</li></ul>	bert Academ blication of G ), Lambert A or). cess capabili demic Publis tern develop bert Academ me investig demic Publis ect of pressur demic Publis ect of shape demic Publis stic compone ishing AG & intenance of demic Publis stic compone ishing AG & intenance of demic Publis stic compone ishing AG & or). S replicas i ishing AG & olication of demic Publis parison of bert Academ sestigations fi demic Publis settigations fi	tic Publishing AG & Co. KG, Saarbrücken, Germany; cryogenic treatment for machining cost reduction: A ca cademic Publishing AG & Co. KG, Saarbrücken, Gern ty of rapid manufacturing for plastic components', 2010 hing AG & Co. KG, Saarbrücken, Germany (Co-author) ment for hand tool die with fused deposition modelir ic Publishing AG & Co. KG, Saarbrücken, Germany (C ations for investment casting applications', 2012, hing AG & Co. KG, Saarbrücken, Germany (Co-author) e on casting properties in cold chamber die casting', 2012 hing AG & Co. KG, Saarbrücken, Germany (Co-author) arameters on properties of hot chamber die casting', 2012, hing AG & Co. KG, Saarbrücken, Germany (Co-author) arameters on properties of hot chamber die casting', 2012, hing AG & Co. KG, Saarbrücken, Germany (Co-author) e factor, slurry layers and temperature in IC', 2012, hing AG & Co. KG, Saarbrücken, Germany (Co-author). blast furnace section: A case study of Steel plant', 2012 hing AG & Co. KG, Saarbrücken, Germany (Co-author). blast furnace section: A case study of Steel plant', 2012 hing AG & Co. KG, Saarbrücken, Germany (Co-author). blast furnace section: A case study of Steel plant', 2013, hing AG & Co. KG, Saarbrücken, Germany (Co-author). FDM based patterns via vacuum moulding', 2013, hing AG & Co. KG, Saarbrücken, Germany (Co-author). FDM based patterns via vacuum moulding', 2013, hing AG & Co. KG, Saarbrücken, Germany (Co-author). haviour of dual and triple particle size Al2O3', 2013, hing AG & Co. KG, Saarbrücken, Germany (Co-author) investment casting prepared for bio-medical applicatio ic Publishing AG & Co. KG, Saarbrücken, Germany (Co-author) hing AG & Co. KG, Saarbrücken, Germany (Co-author) or casting of Al-SiC metal matrix composite', 2013, hing AG & Co. KG, Saarbrücken, Germany (Co-author) or RCM implementation in thermal power plant', 2016 hing AG & Co. KG, Saarbrücken, Germany (Co-author) or RCM implementation in thermal power plant', 2016 hing AG & Co. KG, Saarbrücken, Germany (Co-author) or RCM implementation in thermal	se study', nany (Co- , Lambert , and the study', nambert , Lambert , Solution , Lambert , Solution , Lambert , Lambert , Lambert , Lambert , Solution , Lambert , Lambert , Solution , Lambert , Lambert , Lambert , Solution , Lambert , Lambert , Solution , Lambert , Solution , Lambert , Solution , Lambert , Solution , Soluti

S. No								
1.	Name	Prof. (Dr.) P	ankai	Sh	arma			
2.	Designation	Professor, Ap	Professor, Applied Sciences					
3.	Date of Joining the institution	21.01.2020	21 01 2020					
4.	Educational	M Sc. (Physic	rs) M	Phi	1 (Physics) Ph D	- p		
	Qualification	(Physics)	(Physics)					
5	Work Experience	Teaching	Teaching 16 years					
5.	Work Experience	Research	Research 15 years along with teaching					
		Industry	Industry -					
		Others	[{Hea	ıd. A	pplied Science (3 years): Coordinator, Aca	demic Cell		
		(Administrative	(2 yea	rs); a	at NITTTR Chandigarh}, {Co-Chairman, U	JGC		
		[×]	Griev	ance	Cell at JUIT (1.5 Years), IQAC member at	JUIT		
			(2Yea	rs); a	at JUIT Waknaghat ] along with teaching.			
6.	Area of Specialization	Materials Scien	nce and	l Eng	gineering (Thin Films, Nanomaterials, E	lectronic		
		Materials, Ener	gy Mat	eria	s, Polymeric Materials, Glasses, and Cer	amics.		
7.	Subjects teaching at	At Undergra	duate	Le	vel: Physics – I & II, Materials Science, En	gineering		
	Under Graduate Level &	Physics-I, Physi	cs Lab	– I a	& II, Engineering Physics Lab-I, Basic En	gineering		
	Post Graduate Level	Physics				·		
		At Postgrad	Choroot	Jeve	<b>1:</b> Sensors & End effectors, Nanoelectron	ics, Nano		
		Analysis and Applications Fl	ectroni	c Ma	terials and Devices I ab	sing and		
8.	Research Guidance	Master's Diss	sertati	on	-			
		Ph.D. Dissert	ation	• ••	07 Completed: 02 In Progress			
9.	Research Publications	Total = 175		Nu	mber of Research Papers			
		Scopus Au	thor	Pu	blication in International Journal	158		
		Id=35746163	500	Pul	plication in National Journals			
				Pre	esented in Conferences/Seminars	17		
10.	<b>Projects Carried out</b>	2 (SERB-DS)	$\Gamma = 01$	. H	MCOSTE-DST = 01)			
11.	Patents	Nil		,				
12.	Technology Transfer	Nil						
13.	Number of Books	02 Books	I	Book	ΣS			
	Published with Details	14 Chapters	1	) /	An Introduction to Hard Ferrites	: From		
		1		I	Fundamental to Practical Applications,	(March,		
				2	2023), Publisher: Materials I	Research		
				I	Foundations, ISBN: 978-1-64490-230	-1; DOI:		
				1	0.21741/9781644902318 Co-editor)			
			2	) I	Engineered Ferrites and Their Appl	ications,		
				(	June. 2023), Publisher:Springer, ISB	N: 978-		
				ç	981-99-2582-7, DOI: 10.1007/978	-981-99-		
				2	2583-4 (Co-editor)			
				1	Book Chanters: 14 (Co. authored)			
1				1	<b>Book Chapters: 14</b> (Co-authored)			

S. No						
1.	Name	Prof. (Dr	.) Niraj Bala			
2.	Designation	Professor	& Head	, Entrepreneurship		
		Developn	nent & Industri	al Coordination	100	
3.	Date of Joining the institution	10.08.202	20		64.7	
4.	Educational	Ph .D. (Me	echanical Engg.)	; M.E. (Industrial	255	
	Qualification	Materials a	and Metallurgy);	BE (Mech. Engg.)		
5.	Work Experience	Teaching	26 years			
		Research	07 years	(part time)		D.
		Industry	-			100
		Others	Head of	Department (MBA) for 1.5	years; Head of	
		(Administra	tive) Departm	ent (Research and Innovation	on Center) for 5	years
6.	Area of Specialization	Entreprer	eurship, En	trepreneurship Develop	oment, Patent	ting,
		Business	Startup, Skill l	Promotion and Rural Deve	elopment, Indus	strial
		Coordina	tion, Manufact	uring processes and Surfac	ce Engineering	
7.	Subjects teaching at	At Unde	rgraduate Le	vel and At Postgraduate	e Level: Advar	nced
	Under Graduate Level &	Material	Science, Com	posite Materials, Applied	l Thermodynam	nics,
	Post Graduate Level	Elements	of Mechanic	al Engineering, Engineer	ring Graphics	and
		Drafting,	Theory of M	achines, Fluid Mechanics	s, Thermal Scie	ence
		Engineeri	ng, Operation	s Management, Principle	es of Enginee	ring
		Economic	cs and Mgt	Technology, Engineerir	ng Materials	and
0	Berearch Criticanos	Metallurg	gy, Machine Dr	awing.		
0.	Research Guidance	Master's	Dissertation	30 Completed		
			contation	NII IN Progress		
		r II.D. DIS	sertation	07 Completed		
9	Research Publications	Total –	Number of F	Pesearch Papers		
<i>.</i>	Rescuren i ubications	10tar =	Publication	in International Journe	als (SCI – 35	69
		200	and 34 in N	on referred Iournals)	ais(3C1 - 33)	0)
			Dublication	in National Journals		01
			Procented in	Conformance/Sominars		60
10	Drucio eta Comita di est	<u> </u>	Presented II	Conferences/Seminars		00
10.	Projects Carried out	3 Project	ts:			
		a) "Porta	ble Solar Powere	ed Thermoelectric Refrigerato	or cum Heater" by	y IEI
		R&D	Cell, Technical	Department the Institution of	f Engineers (IND	)IA),
		worth	<b>Rs. 50,000/-</b> ;			
		b) "Desig	n and Developr	nent of Magnesium Metal M	Aatrix Composite	s by
		Stir Ca	asting Techniqu	e" under Research Promotio	on Scheme (RPS	5) by
		AICTI	E New Delhi, (20	013), worth <b>Rs. 21,90,000</b> ; an	nd	
		c) "Nano	-composite Coat	ings to Control Erosion of B	soiler Tubes of St	team
		Genera	ating Plants" un	der Fast Track Scheme for	Young Scientists	s by
		DST, I	New Delhi, (201	3), worth <b>Rs. 24,85,000/-</b>		
11.	Patents	01 Grante	ed in 2019 (Ero	sion Corrosion Resistant C	Cold Spray Coat	tings
		for Boiler	s Ni-20CRTIC	RE)		
12.	Technology Transfer	Nil				
13.	Number of Books	<b>02</b> 1.	Elements of	Mechanical Engineering	g. Published	by
	Published with Details		Dhanpat Rai F	ublishing Company, 2014;	; ISBN No: 978	,-93-
			84559-16-8 (E	Bala, N., and Singh, A).		
		2.	Engineering	Materials and Metallurg	gy. Published	by
			Dhanpat Rai F	ublishing Company, 2016;	; ISBN No: 978	-93-
			5116 174 0 /T	Iolo NI)		

S. No.						
1.	Name	Ajay K	Duggal		Carl Star	
2.	Designation	Associat	e Profes	ssor, Civil Engineering		2
3.	Date of Joining the	02.02.19	85	,	00	14
	institution				A fre	4
4.	Educational	B.Sc. Er	ngg (Civ	il); M.E (Transportation)		
	Qualification	Ph.D. (p	ursuing	)		-
5.	Work Experience	Teaching	5	38 years		
	-	Research	1	-		1
		Industry		13 years		
		Others		-		
		(Adminis	strative)			
6.	Area of Specialization	Transpo	rtation 1	Engineering; Pavement Des	sign and Constru	uction;
		Foundat	ion Eng	g.; Environmental Engg.		
7.	Subjects teaching at	At Post	gradua	te level: Transportation E	ngineering; Pav	rement
	Under Graduate Level	Design	and C	onstruction; Foundation E	Engg.; Environi	mental
	& Post Graduate Level	Engg.,	Bridge	Engg.; Advanced Const	truction Techn	ology;
		Disaster	Manage	ement		
8.	<b>Research Guidance</b>	Master'	S	22 completed		
		Disserta	tion	09 in progress		
		Ph.D.		-		
		Disserta	tion			
9.	<b>Research Publications</b>			Number of Research Pa	pers	
				Publication in National Jo	ournals	01
		21	L	Publication in Internation	nal Journals	15
				Presented in Conferences	/Seminars	05
10.	Projects Carried out	1. Field	Invest	tigation for Strengthening	g & Widenin	g of
		Exist	ing Cor	ridors (Roads) in the State o	f Punjab	0
		2. Third	l party	Inspection of various road	s of MC Panch	ıkula,
		HUD	A (inclu	uding Design & Quality Cor	ntrol)	
		3. Quali	ity Con	trol for construction of 2	200ft wide road	d for
		GMA	DA (Pu	injab)		
		4. Bitur	ninous N	Mix Design		
		5. Evalu	ation of	f Existing pavements and De	esign of Overlay	/S
		6. 13 Re	eaders			
		7. 23 V	ideo Fili	ms (experimental/field base	d)	
		8. 07 ch	arts, 23	OHPs, 01 CAL package		
11.	Patents	Nil		¥		
12.	Technology Transfer	Nil				
13.	Number of Books	Four	1. A T	ext Books of Engineering N	Iaterials (Co-au	thor)
	Published with		2. Lab	oratory Manual in Highway	Engineering	,
	Details		3. Soil	Sampling and Testing	0	
			4. Wat	ter and Waste Water Analys	is	

S. No.						
1.	Name	Parmod Kuma	r Singla	1712		
2.	Designation	Associate Profe	essor, CDC	Č.		
3.	Date of Joining the institution	01.08.1985	01.08.1985			
4.	Educational	BE Civil Engg	., ME Civil (Irrigation &			
	Qualification	Hydraulics); Ph	.D. (pursuing)			
5.	Work Experience	Teaching	Ceaching 38 years			
	-	Research	31 years along with teaching	<b>M</b>		
		Industry	-			
		Others	06 years as Faculty Incharge, Aummisu auor	u		
		(Administrative		-		
6.	Area of Specialization	Civil Engg., A	ppropriate low cost Technology and Curricu	ulum		
		Development,	Communication Skills and Person	ality		
_		Development		1		
7.	Subjects teaching at	At Post Gradu	late level: Civil Engg., Appropriate Techno	ology		
	Under Graduate Level	and Curriculum	Development			
8	<b>&amp;</b> Fost Graduate Level Research Cuidence	Mostor's	14 completed			
0.	Kesear en Guiuance	Discortation	14 completed			
		Ph D				
		Dissertation	-			
9.	Research Publications	215501 1401011	Number of Research Papers			
			Publication in <b>National Journals</b>	15		
		82	Publication in <b>International Journals</b>	10		
			Presented in <b>Conferences/Seminars</b>	57		
10.	Projects Carried out	About 90 Currie	culum Design/review projects, besides many R	Rural		
		Development &	t other projects			
11.	Patents	Nil				
12.	Technology Transfer	More than 20 te	chnologies			
13.	Number of Books	Eight 1	. Curriculum Development for Polytech	nnics,		
	Published with	0	Chandigarh: NITTTR, 1999 (co-author).			
	Details	2	2. English & Communication Skills – 1, Chandig	garh:		
			Abhishek Publishers, 2005 (co-author).	1		
		3	Abbisbale Dublisbare, 2005(ap author)	garn:		
		Δ	Text Book on English & Communication Skill	s – 1		
			for Punjab). Chandigarh: Abhishek Publishers.	2012		
			(co-author).	-		
		5	5. Text Book on English & Communication Skills	s – 2		
			for Punjab), Chandigarh: Abhishek Publishers, 2	2012		
			(co-author).	1		
		6	b. English and communication skills-3, Chandig	garh:		
			Aumsnek ruunsners, 2008 (Co-aumor). Applied Mechanics Chandigath: Abbi	ishek		
		/	Publishers, 2009 (co-author)	ISHCK		
		8	B. Basics of Management, Abhishek Publishers.	2012		
			(co-author).			

S. No.					ののでは、「	
1.	Name	Dr. Su	resh Kun	nar Gupta	-	-
2.	Designation	Associ	ate Pro	fessor, Department of		
		Curricu	ulum Dev	elopment		1
3.	Date of Joining the	01.02.1	988	<u>^</u>	entition	A marine
	institution					and the second second
4.	Educational	B.E. (	Civil Er	ngg.); M.E. (Structures);		
	Qualification	Ph.D. (	Engg.)			10 2
5.	Work Experience	Teachi	ng	35 years		
	-	Researc	ch	30 years along with teaching		47
		Industr	у	-		1.18.44
		Others		-		
		(Admin	istrative)			
6.	Area of Specialization	Civil E	ngineerin	ng; Curriculum Development		
7.	Subjects teaching at	At P	ostgradu	ate level: Advanced S	tructural Ana	lysis;
	Under Graduate Level	Curricu	ulum Dev	elopment		
	& Post Graduate Level			1		
8.	<b>Research Guidance</b>	Master	r's	-		
		Disser	tation			
		Ph.D.		-		
		Disser	tation			
9.	<b>Research Publications</b>			Number of Research Pap	pers	
			7	Publication in National Jo	urnals	15
		4	27	Publication in Internation	al Journals	-
				Presented in Conferences/	Seminars	12
10.	Projects Carried out	92 No	s. Curric	ulum Design/Revision of	Diploma/Certifi	icates
	_	Program	mmes	-	-	
		05 Res	earch Pro	jects		
11.	Patents	Nil				
12.	Technology Transfer	Nil				
13.	Number of Books	Two	1. Curr	riculum Development for	Polytechnics	(Co-
	Published with		auth	or);	2	
	Details		2. Curr	riculum Innovations in Tecl	hnical & Vocat	ional
			Educ	cation. (Co-editor), Cha	ndigarh: Abh	ishek
			Publ	lications, 2010	0	

S. No.				
1.	Name	Mrs. Rama C	hhabra	
2.	Designation	Associate Pr	ofessor, Education &	1
		Educational Ma	anagement	P/
3.	Date of Joining the	04.09.1992		
	institution			Mo
4.	Educational	ME (Chemical	Engineering)	18
	Qualification			3/1
5.	Work Experience	Teaching	32 years	CA A
		Research	02 year	N/N/
		Industry	01 year	
		Others	<b>-</b>	
-		(Administrative		
6.	Area of Specialization	Information Ma	anagement; Curriculum Development	
7.	Subjects teaching at	-		
	Under Graduate Level			
0	& Post Graduate Level			
8.	Research Guidance	Master's	01 completed	
		Dissertation		
		Ph.D.	-	
		Dissertation		
9.	<b>Research Publications</b>		Number of Research Papers	
		26	Publication in National Journals	04
		20	Publication in International Journals	-
			Presented in Conferences/Seminars	22
10.	Projects Carried out	10 Research Pr	ojects;	
		15 Curriculum	Design/Revision Projects	
11.	Patents	Nil		
12.	Technology Transfer	Nil		
13.	Number of Books	Nil -		
	Published with			
	Details			

S. No.					
1.	Name	Vinod Kuma	r Sonthwal		
2.	Designation	Associate Pro	fessor, Civil Engineering		
3.	Date of Joining the	10.05.1995	00		
	institution		and a second sec		
4.	Educational	B. Tech. Civil	Engg.; M. Tech. (Hons.) in		
	Qualification	Geotechnical	Engg., Ph.D. (thesis		
		submitted)			
5.	Work Experience	Teaching	25 years		
		Research	09 years		
		Industry			
		Others	-		
		(Administrative)			
6.	Area of Specialization	Soil Mechanic	s and Foundation Engineering		
7.	Subjects teaching at	At Post Graduate level: Foundation Design and Construction,			
	Under Graduate Level	Construction Equipment, Advanced Construction Technology,			
	& Post Graduate Level	Construction 1	Management		
8.	<b>Research Guidance</b>	Master's	04 completed		
		Dissertation			
		Ph.D.	-		
		Dissertation			
9.	<b>Research Publications</b>		Number of Research Papers		
		02	Publication in National Journals 01		
		05	Publication in International Journals -		
			Presented in Conferences/Seminars 02		
10.	Projects Carried out	Package of E	ducational video film on Geo-technical		
		Engineering;			
		Soil Investiga	tion and Bearing Capacity Determination		
		Modules on	'Computer Based Network Analysis' and 'Auto		
		CAD'			
		Readers on '	Shallow Foundations', 'Compaction Equipment',		
		'Dewatering',	'Earth Dams' and 'Earth Moving Equipment'		
11.	Patents	Nil			
12.	Technology Transfer	Nil			
13.	Number of Books	Nil -			
	Published with				
	Details				

S. No.				A. A
1.	Name	Sunil D Jassal		
2.	Designation	Associate H	Professor, Mechanical	
		Engineering		
3.	Date of Joining the	01.09.1997		•
	institution			Think
4.	Educational	BE (Mech); M	E (Thermal)	
	Qualification			<u>y</u>
5.	Work Experience	Teaching	26 years	
		Research	-	
		Industry	3 ¹ / ₂ years	
		Others	1 year	
		(Administrative)		
6.	Area of Specialization	Thermal Engg.		
7.	Subjects teaching at	At Post Gradu	ate Level: Tool Engg., Advance Manufact	uring
	Under Graduate Level	Methods, Mater	ials for Manufacturing	
	& Post Graduate Level		<u></u>	
8.	<b>Research Guidance</b>	Master's	Nil	
		Dissertation		
		Ph.D.	Nil	
		Dissertation		
9.	<b>Research Publications</b>		Number of Research Papers	
			Publication in National Journals	Nil
		-	Publication in International Journals	Nil
			Presented in Conferences/Seminars	Nil
10.	Projects Carried out	Nil		
11.	Patents	Nil		
12.	Technology Transfer	Nil		
13.	Number of Books	Nil		
	Published with			
	Details			

S. No.						
1.	Name	Dr. (Mr	s.) Ritu	la Thakur		
2.	Designation	Associat Enginee	te ring	Professor, Electrical		
3.	Date of Joining the institution	31.05.20	)06			
4.	Educational	ME (Ele	ctrical).			
	Qualification	Ph.D. (1	Electrica	ll Engg.)		
5.	Work Experience	Teaching	g	20 years		
		Research	ì	18 years along with teaching	1	
		Industry		-		
		Others		-		
		(Adminis	strative)			
6.	Area of Specialization	Power Systems, Electric Drives, Real Time Modeling & Simulation of Power Systems, Power Quality, Micro Grid and Smart Grid, Modeling of DFIG based WECS, Embedded Systems & Microcontrollers, Electrical Engineering & Information Technology in Agriculture, Quality Analysis & Detection Technology in Food Materials, Sensors & Instrumentation, PLC and SCADA				
7.	Subjects teaching at	At Un	dergrad	luate Level: Basic Electrical Engineer	ring,	
	<b>Under Graduate Level</b>	Generat	ion of E	lectrical Power, Electrical Engineering Mater	rials,	
	& Post Graduate Level	Micropr	ocessors	s, Electric Drives, Electrical Energy Utiliza	tion,	
		FACTS	Devices	· · · · · · · · · · · · · · · · · · ·		
		At Pos	tgradua	te Level: Measurement Sciences, Indus	strial	
		Instrume	entation	, Microprocessors and Microcontrol	llers,	
		Microco	ontroller	based Embedded Systems, Smart	Grid	
		Technol	ogies, Io	oT based Industrial Automation		
8.	<b>Research Guidance</b>	Master'	S	91 completed		
		Disserta	ntion	10 in progress		
		Ph.D.		01 completed		
		Disserta	tion	03 in progress		
9.	<b>Research Publications</b>			Number of Research Papers		
		13	7	Publication in National Journals	06	
		15	/	Publication in International Journals	92	
				Presented in Conferences/Seminars	51	
10.	Projects Carried out	Nil				
11.	Patents	Nil				
12.	<b>Technology Transfer</b>	Nil				
13.	Number of Books	01	Sustain	nable Energy and Technological Advancem	nents	
	Published with		by Spr	inger Nature, Singapore.		
	Details		e, spinger tatate, singapore.			

S. No.						
1.	Name	Dr. Balv	vinder <b>S</b>	Singh Dhaliwal		
2.	Designation	Associat	Associate Professor, Electronics &			
		Commu	Communication Engineering			11
3.	Date of Joining the	11.10.20	19 as A	ssociate Professor		
	institution				1	<b>r</b>
4.	Educational	M. Tech	. (ECE)	, Ph.D. (ECE)		
	Qualification					K
5.	Work Experience	Teaching	5	23 years		1
		Research	1	05 years along with teaching		
		Industry		•	. D. I. G.	
		Others		5 years as Station Head, Com	munity Radio Sta	ation
6	Area of Specialization	(Adminis Microstri	n Eracta	at GNDEC Ludillalia (alolig	with teaching	Signal
0.	Area or specialization	Processin	g Wear	able Antenna	iputing, Digital s	Signai
7.	Subjects teaching at	At Und	lergradu	<b>ate Level:</b> Digital Signal	Processing, I	Digital
-	Under Graduate Level	Electroni	cs, Micro	oprocessors, Network Analysis	and Circuits	0
	& Post Graduate Level	At Postg	graduate	Level: Advanced Digital S	ignal Processing,	, Bio-
		Inspired	Comput	ing, Microstrip Antennas, I	Information Theo	ory &
-		Coding, I	Neural N	etworks & Fuzzy Logic, Comp	outer Networks	
8.	Research Guidance	Master'	S	57 completed		
		Disserta	tion	07 in progress		
		Ph.D.		02 completed		
-		Disserta	tion	04 in progress		
9.	<b>Research Publications</b>	Total =	= 149	Number of Research Pa	pers	
				Publication in <b>National Jo</b>	ournals	02
				Publication in <b>Internation</b>	al Journals	47
				Presented in <b>Conferences</b>	/Seminars	100
10.	Projects Carried out	04 (as a T	feam me	mber/Coordinator)		
11.	Patents	Nil				
12.	Technology Transfer	Nil				
13.	Number of Books	05	1. <b>Dig</b>	gital Electronics by Balwinder	Singh Dhaliwal a	nd M.
	Published with		S.	Malhi. Kalyani Publishers, 2	2007, Ludhiana,	India.
	Details		2 Ba	SIN INO. 978-81-272-4759-1 sic Electronics Engineerin	a and Inform	nation
			2. Da: Teo	<b>chnology</b> by Balwinder Singh	Dhaliwal, J. Kai	ir and
			G.	Kumar. Kalyani Publishers, 2	2012, Ludhiana,	India.
			ISE	3N No. 978-93-272-1886-2.		
			3. <b>De</b>	ploying Sensor Nodes using	g Bacterial For	aging
			Op	timization: Network Layou	t Methodology	by G.
			Sin	gh and Balwinder Singh Dhal	iwal. LAP LAM	BERT
			Aca	ademic Publishing, Germany, 2	2012. ISBN No. 97	/8-38-
			404 1 Dia	+-5201-5.	Sinch Dhaliwal	and C
			4. Dig K	Iosan Kalvani Publishers I	udhiana India	2012
			ISF	30 No. 978-93-272-2880-9	zaomana, muia,	2012.
			5. De	sign, Optimization of FIR	Filter Using H	vbrid
			SIN	<b>IBO-GA Algorithm</b> by I	Parampal Singh,	and
			Bal	winder Singh Dhaliwal. LAP	LAMBERT Aca	demic
			Put	olishing, Germany, 2017. ISBN	No. 978-3-659-8	0234-
			8			

S. No						
1.	Name	Dr. Meenakshi	Sood			
2.	Designation	Associate F Development De	Professor, Curriculum epartment			
3.	Date of Joining the institution	25.10.2019 as A	ssociate Professor	her		
4.	Educational Qualification	M. Tech. (ECE)	, Ph.D. (ECE)	11		
5.	Work Experience	Teaching	25 years	豪 (		
		Research	13 years along with teaching			
		Industry	-			
		Others (Administrative)	02 years as Department Coordinator and 1 year Deputy COE, at JUIT, Solan, H.P.	r as		
6.	Area of Specialization	Bio-Medical Signal Processing, Bio-Inspired Computing, Image Processing, Antenna Design				
7.	Subjects teaching at Under Graduate Level & Post Graduate Level	<ul> <li>At Undergraduate Level: Data Communication, Antenna Theory and Wave propagation, Image Processing Techniques, Digital Electronics, Electronic Devices and Circuits</li> <li>At Postgraduate Level: Soft Computing Techniques, Computational Intelligence, Medical Signal Processing, Antenna Theory and Techniques</li> </ul>				
8.	Research Guidance	Master's Dissertation	08 Completed 03 in progress			
		Ph.D. Dissertation	04 Completed 01 in progress			
9.	<b>Research Publications</b>	Total = 135	Number of Research Papers			
			Publication in National Journals	06		
			Publication in International Journals	65		
			Presented in Conferences/Seminars	64		
10.	Projects Carried out	<ul> <li>02 (Govt. of Hima)</li> <li>a) Identification of C</li> <li>&amp; its Environmen</li> <li>IOT and android J</li> <li>Technology, Gov</li> <li>b) Design &amp; Analysis</li> <li>System from Was</li> <li>Development Pro</li> </ul>	achal Pradesh) Commercial Crop Diseases using Image Processing Tental effects for the farmers of HP with feedback Syster Application with Deptt. Of Environment, Science & t. of HP; 2018-20 for Rs. 9,96,750/- is of a Thermoelectric Generator for Energy Harvestir ste Heat for the State of HP under HP Specific Research cess; 2017-19; (SCSTE, HP) Rs. 5.24 lakhs	echniques n using ng ch &		
11.						
	Patents	03				
12.	Patents Technology Transfer	03 Nil				

S. No	,						
1.	Name	Dr. Ash	ok Kumar		6		
2.	Designation	Associat	te Professor	; Applied Science	X		
3.	Date of Joining the institution	19.11.20	)19 as Asso	ciate Professor			
4.	Educational Qualification	M.Sc. (P	Physics); Ph	n.D. (Material Science)			
5.	Work Experience	Teaching	5	11 years (after Ph.D.)			
		Research	1	13 years (after Ph.D.)			
		Industry	r				
		Others (Adminis	strative)	Duties performed before joining NITTTR Chandigarh - Professor In-charge Innovation Club (NIT Kurukshetra), Nodal officer - Rashtriya Avishkar Abhiyan (RAA- MHRD) (NIT Kurukshetra); Warden, Boys Hostel, NITTTR, Chandigarh			
6.	Area of Specialization	Nanotech Indian K	Nanotechnology enabled energy harvesting and storage materials/ devices, Indian Knowledge System				
7.	Subjects teaching at Under Graduate Level & Post Graduate Level	At Unde At Post Nanoscale Technique electro-me electronic,	At Undergraduate Level: Physics-I & II; Physics Lab-I; Physics Lab-II At Postgraduate Level: Foundations of Nanoscience and Nanotechnology; Nanoscale Magnetic Materials and Devices; Synthesis of Nanomaterials; High Vacuum Techniques; Material Characterization Techniques; Nano Sensors and Devices; Nano- electro-mechanical Devices; Material Science and Nanotechnology Lab; Nan- electronic, Sensors & End-effectors, Nano Materials & Characterization				
8.	Research Guidance	Master's	Dissertation	18 Completed			
		Ph.D. Dis	sertation	05 Completed 04 in Progress			
9.	Research Publications	Total =	72	Number of Research Papers (SCI)			
		(SCI 60) SCOPU	, IS 07.	Publication in National Journals SCI (01), Others 02	03		
		UGC/A	ICTE hors 07)	Publication in <b>International Journals</b> SCI-47, SCOPUS-06, UGC/AICTE-01, Others-05	72		
		(01), 02		Presented in Conferences/Seminars			
10.	Projects Carried out	02 compl DAE CSI	leted (SERB R (01) ongoi	-DST, CSIR), 01 ATAL FDP; 01 QIP-FDP, ng	UGC		
11.	Patents	Nil					
12.	Technology Transfer	Nil					
13.	Number of Books Published with Details	01/10	<ul> <li>Book (01) Ravi A. Kishore, Anthony Marin, Congcong Wu, Ashok Kumar an Shashank Priya; DEStech Publications, Inc., Lancaster, Pennsylvania, US, ISBN: 978-1-60595-122-5 (2018) Book Chapters (10)</li> </ul>				

S. No	
1. Name Dr. Balwinder Raj	
2. Designation Associate Professor, Electronics &	
Communication Engineering	
3. Date of Joining the 17.12.2019 as Associate Professor On lien	
institution to NIT Jalandhar	
4. Educational B.Tech. Electronics Engineering; M.Tech. in	
Qualification Microelectronics; Ph.D. (VLSI) IIT Roorkee	
Postdoc (2011) (VLSI) University of Rome, Italy           5         Work Experience	1
5. WORK Experience reaching 12 years Research 14 years along with teaching	Y
Industry -	
Others (Administrative Coordinator NBA at NIT Jalandhar	
6. Area of Specialization Nanoscale Semiconductor Devices. Nanoelectronics.	VLSI
Design, Memory Design	
7. Subjects teaching at At Undergraduate Level: Basic Electronics: Ele	tronics
Under Graduate Level Devices and Circuits; Digital Electronics; Microprod	essors;
& Post Graduate Level Embedded Systems; VLSI Design	
At Postgraduate Level: Low Power VLSI Design; N	lemory
Design and Testing; Nanoelectronics; Solid State Devices	; VLŠI
Technology	
8. Research Guidance Master's 25 Completed	
Dissertation 03 in progress	
Ph.D. 05 Completed	
Dissertation 03 in progress	
9. Research Publications Total = 85 Number of Research Papers	
Publication in National Journals	10
Publication in International Journals	35
Presented in Conferences/Seminars	40
10.   Projects Carried out   02 Completed; 01 On-going	
11. Patents Nil	
12. Technology Transfer Nil	
13. Number of Books 03 1. 'VLSI Design and Fabrications' by Ba	lwinder
Published withRaj; Balwinder Singh and Ashish Dixit; New	Delhi:
<b>Details</b> University Science Press, 2013.	
2. 'Single Electron Devices and Circuits Design	' by HS
Jatav; P. Srivastava and Balwinder Raj; Go	rmany:
Academic Publishing; 2012.	
2 Major Amplications of ONTEET ICI Clabo	

S. No				No.		
1.	Name	Dr. Harsh Varo	lhan Samalia	ALC: N		
2.	Designation	Associate Profes	ssor, EDIC			
3.	Date of Joining the institution	25.02.2020 as A	ssociate Professor	5		
4.	Educational Qualification	Ph.D., M.B.A., 6 B.E. (Mechanica Law from NALSA	Ph.D., M.B.A., (Both from IIITM, Gwalior); B.E. (Mechanical), PG Diploma in Patent Law from NALSAR Law University, Hyderabad			
5.	Work Experience	Teaching 17 years				
		Research	18 years along with teaching			
		Industry	1½ years			
		Others (Administrative)	-			
6.	Area of Specialization	Strategic Manag	gement			
7.	Subjects teaching at Under Graduate Level & Post Graduate Level	At Undergraduate Level: -NA- At Postgraduate Level: Strategic Management – I, Strategic Management – II, Information Systems for Organizational Performance, Competitive Strategy, Strategies for New and Emerging Markets, Game Theory and Business Strategy, Strategies for Digital Transformation				
8.	Research Guidance	Master's Dissertation	20 Completed - In Progress			
		Ph.D. Dissertation	05 Completed 02 In Progress			
9.	<b>Research Publications</b>	Total = 38	Number of Research Papers			
			Publication in National Journals	02		
			Publication in International Journals	16		
			Presented in Conferences/Seminars	20		
10.	Projects Carried out	Nil				
11.	Patents	Nil				
12.	Technology Transfer	Nil				
13.	Number of Books Published with Details	Nil				

S. No							
1.	Name	Dr. Hemant Ku	mar V	/inayak			
2.	Designation	Associate Prot Development an	Associate Professor, Entrepreneurship Development and Industrial Coordination				
3.	Date of Joining the institution	19.12.2019 as A to NIT Hamirpu	ssocia r	te Professor On lien			
4.	Educational Qualification	B.E. (Civil), M.I (Earthquake Eng	B.E. (Civil), M.E. (Civil), PhD (Earthquake Engineering)				
5.	Work Experience	Teaching	Teaching 16 years				
		Research	I				
		Industry	3½ ye	ears			
		Others (Administrative)	-				
6.	Area of Specialization	Earthquake Eng coordination	gineeri	ng, Entrepreneur Development, Ind	ustrial		
7.	Subjects teaching at Under Graduate Level & Post Graduate Level	<ul> <li>At Undergraduate Level: Building Materials, Building Construction and Drawing, Earthquake Resistant Design of Structures</li> <li>At Postgraduate Level: Rehabilitation and Retrofitting of congrete and Masonry, Earthquake Engineering.</li> </ul>					
8.	Research Guidance	Master's Dissertation	17 C - Iı	ompleted 1 Progress			
		Ph.D. Dissertation	03 C - Iı	ompleted 1 Progress			
9.	<b>Research Publications</b>	Total = 30	Num	ber of Research Papers			
			Publi	cation in National Journals	4		
			Publi	cation in International Journals	15		
			Prese	ented in Conferences/Seminars	11		
10.	Projects Carried out	12 Projects - SSA/RMSA, HF	Spons SDM	oring Agencies: DDMA, HP-RDD A, MC- Shimla, HIMCOSTE, NDMA	, HP- A		
11.	Patents	Nil					
12.	Technology Transfer	Nil					
13.	Number of Books Published with Details	Nil					

S. No.				1.00	
1.	Name	Shano Sola	nki		
2.	Designation	Associate Pr	rofes	sor, CSE	
3.	Date of Joining the	05.06.2000			1
	institution			60	1
4.	Educational	ME (CSE);	MC	A; Ph.D. (in Progress)	fr -
	Qualification				CONT.
5.	Work Experience	Teaching		23 years	
		Research		-	
		Industry			$10h_{1}$
		Others		-	
		(Administra	tive)		
6.	Area of Specialization	Advanced A	Algor	ithms, Multimedia System Design	
7.	Subjects teaching at	At Post G	nate Level: Advanced Algorithms, Mult	timedia	
	Under Graduate Level	System Des	ign,	Open Source Software, Soft Computing	
	& Post Graduate Level				
8.	<b>Research Guidance</b>	Master's		03 completed	
		Dissertation	n	14 in progress	
		Ph.D.		-	
		Dissertation	n		
9.	<b>Research Publications</b>			Number of Research Papers	
		00		Publication in National Journals	-
		09		Publication in International Journals	01
				Presented in Conferences/Seminars	08
10.	Projects Carried out	Nil			
11.	Patents	Nil			
12.	Technology Transfer	Nil			
13.	Number of Books	Nil			
	Published with				
	Details				

S. No.					The Real Property of	Calify 1	
1.	Name	Amit Doeg	Amit Doegar				
2.	Designation	Associate P	rofes	sor and Head, CSE			
3.	Date of Joining the	14.02.2001	4.02.2001			Angel and	
	institution					and the second	
4.	Educational	BE; M.E (	Com	puter Science & Engg.);	1 1		
	Qualification	Ph.D. (in pr	ogre	ss)			
5.	Work Experience	Teaching	Teaching 23 years			1	
	_	Research		-			
		Industry		02 years			
		Others		-			
		(Administra	(Administrative)				
6.	Area of Specialization	Machine Learning, Networking, Linux Administration, Web					
		Technology, Open Source Technology, Data Science, Image					
		Processing a	Processing and Computer Vision				
7.	Subjects teaching at	At Postgra	At Postgraduate Level: Open Source Technology, Business				
	Under Graduate Level	Intelligence	Intelligence, Research Methodology, Distributed Operating				
	& Post Graduate Level	System, Data Warehousing & Data Mining, Computer Vision,				ision,	
		Digital Imag	ge Pr	ocessing, Web based Train	ing		
8.	<b>Research Guidance</b>	Master's		72 completed			
		Dissertation	n	09 in progress			
		Ph.D.		-			
		Dissertation	n				
9.	<b>Research Publications</b>			Number of Research Pa	pers		
		70		Publication in National Jo	ournals	18	
		75		Publication in Internation	nal Journals	44	
				Presented in Conferences	/Seminars	11	
10.	Projects Carried out	Establishme	ent of	f Cyber Security and Forei	nsic Training Fa	cility	
		for Technic	al Te	eachers Training" sponsore	d by Departme	ent of	
		Electronics	& 1	Information Technology (	DeitY), Ministr	ry of	
		Communica	tions	s and Information Technol	ogy, Grant Rs	45.65	
		lacs					
11.	Patents	Nil					
12.	Technology Transfer	Nil					
13.	Number of Books	01	"Liı	nux and Shell Programming	g", Magma Res	earch	
	Published with		and	Consultancy Pvt. Ltd. ISB	N: 978-81-9304	39-5-	
	Details		0, N	Iarch 2015			
S. No.						and the second	Star Mark
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1.	Name	Dr. Patange	e Su	dhakar Rao		10 2	E.
2.	Designation	Assistant	Р	rofessor,	Mechanical		
		Engineering	5				V
3.	Date of Joining the	07.10.2004				100 100	1
	institution				0	Sent and the	
4.	Educational	M.Tech.(CA	AD/C	CAM); Ph.D.	(Mechanical	2.2	1
	Qualification	Engg. from	IIT,	Roorkee)	<u>_</u>	11-1	Gr
5.	Work Experience	Teaching		20 years	0		91
		Research		16 years alo	ng with teaching	A	
		Industry		04 years			
		Others		-			
		(Administrat	tive)				
6.	Area of Specialization	CAD/CAM,	, CN	C, Robotics	and FEM, Advan	ced Manufact	uring
7.	Subjects teaching at	At Undergr	At Undergraduate Level: CAD/CAM, Robotics, Design of M/c;				
	Under Graduate Level	Elements, TOM, KOM, & FEM, Manufacturing Technology-I,					
	& Post Graduate Level	Manufacturi	Manufacturing Technology-II, CAD for Manufacturing, FET				
8.	Research Guidance	Master's		26 complet	ed		
		Dissertation	n	07 in prog	ess		
		Ph.D.		-			
		Dissertation	n				
9.	<b>Research Publications</b>			Number of	<b>Research Pape</b>	rs	
		20		Publication	in National Jou	rnals	02
		28		Publication	in International	Journals	05
				Presented in	n Conferences/S	eminars	21
10.	Projects Carried out	FEM for fly	whe	el of an autor	nobile;		
		Design of fo	orgin	g dies using	CAM;		
		Design of sh	neet	metal dies us	ing CAM		
		Study and A	naly	vsis of Capaci	ty Utilization, Pr	ocess Plannin	g and
		Productio	on Č	ontrol in Mac	chining Process		0
		Implementa	tion	of Total Proc	luctive Maintena	nce: A Case S	tudy
11.	Patents	Nil					
12.	Technology Transfer	Nil					
13.	Number of Books	Nil					
	Published with						
	Details						

S. No.						
1.	Name	Dr. (Mrs.) Kanika Sharma			(all a	1. 1. 1. 1. 1.
2.	Designation	Assistant Professor, ECE				
3.	Date of Joining the	17.11.2004			5	
	institution					1
4.	Educational	M.E. (ECE)	; Ph	.D. (ECE)		
	Qualification					
5.	Work Experience	Teaching		21 years		
		Research		19 years along with teaching	il.	- Lat
		Industry		-		*
		Others		-		
		(Administrat	tive)			-
6.	Area of Specialization	Embedded S	Syste	ems Designs; Self Config	ured Wireless	Sensor
		Networks; I	Digit	al Systems Designing; En	ergy Efficient	Sensor
		Networks.				
7.	Subjects teaching at	At Under	rgra	duate Level: Micro-p	processors, D	igital
	Under Graduate Level	Communicat	tion,	Communication Systems;		
	& Post Graduate Level	At Postgra	dua	te Level: Digital System	Design, Embe	edded
		System Desi	gn			
8.	<b>Research Guidance</b>	Master's		64 completed		
		Dissertation	1	10 in progress		
		Ph.D.		02 completed		
		Dissertation	1			
9.	<b>Research Publications</b>			Number of Research Pa	pers	
		00		Publication in National Jo	ournals	02
		89	İ	Publication in Internation	al Journals	87
				Presented in Conferences	/Seminars	24
10.	Projects Carried out	Nil				
11.	Patents	Nil				
12.	Technology Transfer	Nil				
13.	Number of Books	Nil				
	Published with					
	Details					

S. No.						
1.	Name	Dr. Amit Goy	al			
2.	Designation	Assistant Profe	ssor, Civil Engineering			
3.	Date of Joining the	05.06.2006				
	institution					
4.	Educational	BE (Civil);	ME (Structures); Ph.D.			
	Qualification	(Earthquake E	ngg., from IIT, Roorkee)			
5.	Work Experience	Teaching	17 years			
		Research	13 years along with teaching			
		Industry	¹ / ₂ year			
		Others	-			
		(Administrative				
6.	Area of Specialization	Civil (Structur	es), Earthquake Engineering, Structure Dynamics,			
		Masonry Struc	Masonry Structures			
7.	Subjects teaching at	At Undergrad	luate Level: Subject related to Structures TOS,			
	Under Graduate Level	DESIGN, R.C.	DESIGN, R.C.C, T.O.S LAB, F.M			
	& Post Graduate Level	At Postgraduate Level: Structures, Tall Buildings, Rural				
		Housing, NDT	Techniques, Low cost constructional materials			
8.	<b>Research Guidance</b>	Master's	02 completed			
		Dissertation				
		Dissertation				
		Ph.D.	-			
		Ph.D. Dissertation	-			
9.	Research Publications	Ph.D. Dissertation	- Number of Research Papers			
9.	Research Publications	Ph.D. Dissertation	-         Number of Research Papers         Publication in National Journals       03			
9.	Research Publications	Ph.D. Dissertation 21	-         Number of Research Papers         Publication in National Journals       03         Publication in International Journals       02			
9.	Research Publications	Ph.D. Dissertation 21	-         Number of Research Papers         Publication in National Journals       03         Publication in International Journals       02         Presented in Conferences/Seminars       16			
9.	Research Publications         Projects Carried out	Ph.D. Dissertation 21 Non-destructiv	-         Number of Research Papers         Publication in National Journals       03         Publication in International Journals       02         Presented in Conferences/Seminars       16         e Testing of R.C.C Structures, Rehabilitation of			
9. 10.	Research Publications Projects Carried out	Ph.D. Dissertation 21 Non-destructiv RCC & Mason	•         Number of Research Papers         Publication in National Journals       03         Publication in International Journals       02         Presented in Conferences/Seminars       16         e Testing of R.C.C Structures, Rehabilitation of ry Buildings, Repair of Bridges and Rehabilitation;			
9. 10.	Research Publications Projects Carried out	Ph.D. Dissertation 21 Non-destructiv RCC & Mason Research study	•         Number of Research Papers         Publication in National Journals       03         Publication in International Journals       02         Presented in Conferences/Seminars       16         e Testing of R.C.C Structures, Rehabilitation of ry Buildings, Repair of Bridges and Rehabilitation; on Private V/s. Govt. Polytechnics for the state of			
9. 10.	Research Publications Projects Carried out	Ph.D. Dissertation 21 Non-destructiv RCC & Mason Research study Rajasthan	Number of Research Papers         Publication in National Journals       03         Publication in International Journals       02         Presented in Conferences/Seminars       16         e Testing of R.C.C Structures, Rehabilitation of ry Buildings, Repair of Bridges and Rehabilitation; on Private V/s. Govt. Polytechnics for the state of			
9. 10. 11.	Research PublicationsProjects Carried outPatents	Ph.D. Dissertation 21 Non-destructiv RCC & Mason Research study Rajasthan 01 (under pro	Number of Research Papers         Publication in National Journals       03         Publication in International Journals       02         Presented in Conferences/Seminars       16         e Testing of R.C.C Structures, Rehabilitation of ry Buildings, Repair of Bridges and Rehabilitation; on Private V/s. Govt. Polytechnics for the state of         cess;CINIITR0000100024CCRN04)			
9. 10. 11. 12.	Research Publications         Projects Carried out         Patents         Technology Transfer	Ph.D. Dissertation 21 Non-destructiv RCC & Mason Research study Rajasthan 01 (under pro Ferro cement	Number of Research Papers         Publication in National Journals       03         Publication in International Journals       02         Presented in Conferences/Seminars       16         e Testing of R.C.C Structures, Rehabilitation of ry Buildings, Repair of Bridges and Rehabilitation; on Private V/s. Govt. Polytechnics for the state of         cess;CINIITR0000100024CCRN04)         Technology, Earthquake Resistant Housing, low			
9. 10. 11. 12.	Research Publications         Projects Carried out         Patents         Technology Transfer	Ph.D. Dissertation 21 Non-destructiv RCC & Mason Research study Rajasthan 01 (under pro Ferro cement cost housing, f	Number of Research Papers         Publication in National Journals       03         Publication in International Journals       02         Presented in Conferences/Seminars       16         e Testing of R.C.C Structures, Rehabilitation of ry Buildings, Repair of Bridges and Rehabilitation; on Private V/s. Govt. Polytechnics for the state of         cess;CINIITR0000100024CCRN04)         Technology, Earthquake Resistant Housing, low loating rafters, water filtration system			
9. 10. 11. 12. 13.	Research Publications         Projects Carried out         Patents         Technology Transfer         Number of Books	Ph.D.       Dissertation       21       Non-destructive       RCC & Mason       Research study       Rajasthan       01 (under pro       Ferro cement       cost housing, f       One     'E	Number of Research Papers         Publication in National Journals       03         Publication in International Journals       02         Presented in Conferences/Seminars       16         e Testing of R.C.C Structures, Rehabilitation of ry Buildings, Repair of Bridges and Rehabilitation; on Private V/s. Govt. Polytechnics for the state of         cess;CINIITR0000100024CCRN04)         Technology, Earthquake Resistant Housing, low loating rafters, water filtration system         mpowering the Disabled' (authored by Saini, JS &			
9.         10.         11.         12.         13.	Research Publications         Projects Carried out         Patents         Technology Transfer         Number of Books         Published with	Ph.D.       Dissertation       21       Non-destructiv       RCC & Mason       Research study       Rajasthan       01 (under pro       Ferro cement       cost housing, f       One     'E       G	•         Number of Research Papers         Publication in National Journals       03         Publication in International Journals       02         Presented in Conferences/Seminars       16         e Testing of R.C.C Structures, Rehabilitation of ry Buildings, Repair of Bridges and Rehabilitation; on Private V/s. Govt. Polytechnics for the state of         cess;CINIITR0000100024CCRN04)         Technology, Earthquake Resistant Housing, low loating rafters, water filtration system         mpowering the Disabled' (authored by Saini, JS & oyal, A), Chandigarh: Abhishek Publications, 2009			

S. No.							
1.	Name	Dr. (Mrs.) Ga	arima Saini				
2.	Designation	Assistant Prof	essor, ECE				
3.	Date of Joining the	20.09.2006					
	institution						
4.	Educational	B.Tech., M.Te	ech. (ECE), Ph.D.(ECE)				
	Qualification						
5.	Work Experience	Teaching	23 years				
		Research	15 years along with teaching				
		Industry					
		Others	-				
		(Administrativ	ve)				
6.	Area of Specialization	Wireless and	d Mobile Communication, Advanced Digital				
		Communication	on, Advanced Antenna Design				
7.	Subjects teaching at	At Undergraduate Level: Analog Electronics, Digital					
	Under Graduate Level	Electronics, C	Electronics, Communication System;				
	& Post Graduate Level	At Postgraduate Level: Advanced Digital Communication,					
		Mobile & Wi	reless Communication, Advanced Antenna System				
8.	<b>Research Guidance</b>	Master's	50 completed				
		Dissertation	16 in progress				
		Ph.D.	-				
		Dissertation					
9.	<b>Research Publications</b>		Number of Research Papers				
			Publication in National Journals 02				
		83	Publication in <b>International Journals</b> 49				
			Presented in Conferences/Seminars 32				
10.	Projects Carried out	Nil					
11.	Patents	Nil					
12.	Technology Transfer	Nil					
13.	Number of Books	Nil					
	Published with						
	Details						

S. No.							
1.	Name	Dr. Shimi SL		and the second	3		
2.	Designation	Assistant Profes	ssor Electrical Engineering				
	2 congriction	on lien to P	100	1			
		Chandigarh w.e.f	00	1			
3.	Date of Joining the institution	05.08.2011	0010112020		-1		
4	Educational	BE (Electrical	& Flectronics) MF (Power		100		
ч.	Qualification	Electronics &	Electronics & Drives), Ph.D. Post				
	Quanneation	doctoral Researche	r in Electric Power Engineering		-		
		at Luleå Universi	ity of Technology, Skellefteå		1		
		campus, Sweden fre	om August 2019 till august 2020				
5.	Work Experience	Teaching	19 years				
		Research	05 years along with teaching				
		Industry	01 year				
		Others (Administrat	<b>i</b> -				
6.	Area of Specialization	Power Electroni	cs & Drives; Digital Control	l; FACTS, MAT	LAB		
		and its Hardwa	re Interface, LABVIEW, A	Artificial Intellig	gence		
		and Optimization	on. Outcome Based Educati	on. Hybrid Veh	icles.		
		Smart Grid		,,	,		
7	Subjects teaching at	At Undergrag	luate Level Power Fle	ctronics & D	rives		
	Under Graduate Level &	Flectrical mac	bines Circuit Theory	Digital Electro	nics,		
	Post Graduate Level	Electrical Inac	Salanaa: MATLAP Drogram	Digital Electric	ion in		
	I ost Graduate Lever		Science, MATLAB Program	inning, Automati	ION IN		
		Industrial Proce	ss Control; and Laboratory	Practices			
		At Postgradu	ate Level: Digital Con	itrol, Industrial	l		
		Electronics, Ad	vance Control Theory, Powe	er Electronics			
8.	Research Guidance	Master's 70 completed					
			-				
		Dissertation	20 in progress				
		Dissertation Ph.D.	20 in progress				
		Dissertation Ph.D. Dissertation	20 in progress				
9.	Research Publications	Dissertation Ph.D. Dissertation	20 in progress - Number of Research Pa	pers			
9.	Research Publications	Dissertation Ph.D. Dissertation	20 in progress - Number of Research Pa Publication in National Jo	pers ournals	01		
9.	Research Publications	Dissertation Ph.D. Dissertation 150	20 in progress - Number of Research Pa Publication in National Jo Publication in Internation	pers ournals nal Journals	01		
9.	Research Publications	Dissertation Ph.D. Dissertation 150	20 in progress	pers ournals nal Journals /Seminars	01 99 50		
9.	Research Publications	Dissertation Ph.D. Dissertation 150 Real Time simu	20 in progress	pers ournals nal Journals /Seminars	01 99 50		
9. 10.	Research Publications Projects Carried out	Dissertation Ph.D. Dissertation 150 Real Time simu Microcontroller	20 in progress - Number of Research Pa Publication in National Jo Publication in Internation Presented in Conferencess lation of boost converter; based Multi starter for som	pers ournals nal Journals /Seminars	01 99 50		
9. 10.	Research Publications Projects Carried out	Dissertation Ph.D. Dissertation 150 Real Time simu Microcontroller motor	20 in progress - Number of Research Pa Publication in National Jo Publication in Internation Presented in Conferences lation of boost converter; based Multi-starter for squ	pers ournals nal Journals /Seminars uirrel cage indu	01 99 50 action		
9. 10.	Research Publications Projects Carried out	Dissertation Ph.D. Dissertation 150 Real Time simu Microcontroller motor;	20 in progress - Number of Research Pa Publication in National Jo Publication in Internation Presented in Conferences lation of boost converter; based Multi-starter for squ	pers ournals nal Journals /Seminars uirrel cage indu	01 99 50		
9.	Research Publications Projects Carried out	Dissertation Ph.D. Dissertation 150 Real Time simu Microcontroller motor; DST, Chandigan	20 in progress - Number of Research Pa Publication in National Jo Publication in Internation Presented in Conferences lation of boost converter; based Multi-starter for squ th – Emerging Vehicle Pre-e	pers ournals nal Journals /Seminars uirrel cage indu	01 99 50		
9. 10. 11.	Research Publications Projects Carried out Patents	Dissertation Ph.D. Dissertation 150 Real Time simu Microcontroller motor; DST, Chandigan • Twenty-five lev	20 in progress - Number of Research Pa Publication in National Jo Publication in Internation Presented in Conferences lation of boost converter; based Multi-starter for squ th – Emerging Vehicle Pre-event Presented in Conferences	pers ournals nal Journals /Seminars uirrel cage indu emption	01 99 50 action		
9. 10. 11.	Research Publications Projects Carried out Patents	Dissertation Ph.D. Dissertation 150 Real Time simu Microcontroller motor; DST, Chandigar • Twenty-five lev Switches and D	20 in progress - Number of Research Pa Publication in National Jo Publication in Internation Presented in Conferences lation of boost converter; based Multi-starter for squ th – Emerging Vehicle Pre-e- vel Inverter Topology with reduced C Voltage Sources, Prior Search	pers ournals nal Journals /Seminars uirrel cage indu emption uced number of Po ch over, vide lette	01 99 50 action		
9. 10. 11.	Research Publications Projects Carried out Patents	Dissertation Ph.D. Dissertation 150 Real Time simu Microcontroller motor; DST, Chandigan • Twenty-five lev Switches and D PSCS7/1965 da	20 in progress - Number of Research Pa Publication in National Jo Publication in Internation Presented in Conferences lation of boost converter; based Multi-starter for squ ch – Emerging Vehicle Pre-e- vel Inverter Topology with reduced C Voltage Sources, Prior Search atted 27.08.2018. Filing process	pers ournals nal Journals /Seminars uirrel cage indu emption uced number of Po ch over, vide lette on progress by P	01 99 50 action ower r No. SCST,		
9. 10. 11.	Research Publications Projects Carried out Patents	Dissertation Ph.D. Dissertation 150 Real Time simu Microcontroller motor; DST, Chandigar • Twenty-five lev Switches and D PSCS7/1965 da Chandigarh;	20 in progress - Number of Research Pa Publication in National Ja Publication in Internation Presented in Conferences lation of boost converter; based Multi-starter for squ ch – Emerging Vehicle Pre-e- vel Inverter Topology with redu C Voltage Sources, Prior Search ted 27.08.2018. Filing process	pers ournals nal Journals /Seminars uirrel cage indu emption uced number of Po ch over, vide lette on progress by P	01 99 50 action pwer r No. SCST,		
9. 10. 11.	Research Publications Projects Carried out Patents	Dissertation Ph.D. Dissertation 150 Real Time simu Microcontroller motor; DST, Chandigan • Twenty-five lev Switches and D PSCS7/1965 da Chandigarh; • Patent filed - In	20 in progress 20 in progress Number of Research Pa Publication in National Jo Publication in Internation Presented in Conferences lation of boost converter; based Multi-starter for squ th – Emerging Vehicle Pre-e- vel Inverter Topology with redu C Voltage Sources, Prior Search ted 27.08.2018. Filing process dian Patent Application No. 20	pers purnals nal Journals /Seminars uirrel cage indu emption uced number of Po ch over, vide letter on progress by PS 02011003964, Titl	01 99 50 action pwer r No. SCST, le :		
9. 10. 11.	Research Publications Projects Carried out Patents	Dissertation Ph.D. Dissertation 150 Real Time simu Microcontroller motor; DST, Chandigan • Twenty-five lev Switches and D PSCS7/1965 da Chandigarh; • Patent filed - In Multilevel Inve	20 in progress 20 in progress Number of Research Pa Publication in National Jo Publication in Internation Presented in Conferences lation of boost converter; based Multi-starter for squ th – Emerging Vehicle Pre-e- vel Inverter Topology with redu C Voltage Sources, Prior Searce ted 27.08.2018. Filing process dian Patent Application No. 20 rter was filed on January 29, 20	pers purnals nal Journals /Seminars uirrel cage indu emption need number of Po ch over, vide lette on progress by PS 02011003964, Titl 020, in the name of	01 99 50 Iction Dower r No. SCST, le : of		
9. 10. 11.	Research Publications Projects Carried out Patents	Dissertation Ph.D. Dissertation 150 Real Time simu Microcontroller motor; DST, Chandigar • Twenty-five lev Switches and D PSCS7/1965 da Chandigarh; • Patent filed - In Multilevel Inve NITTTR [V &	20 in progress 20 in progress Number of Research Pa Publication in National Jo Publication in Internation Presented in Conferences lation of boost converter; based Multi-starter for squ th – Emerging Vehicle Pre-e- vel Inverter Topology with reduce C Voltage Sources, Prior Searce ated 27.08.2018. Filing process dian Patent Application No. 20 rter was filed on January 29, 20 A Ref: 1779-P-02-IN/TIFAC F	pers purnals nal Journals /Seminars uirrel cage indu emption uced number of Per ch over, vide letter on progress by PS 02011003964, Titl 020, in the name of Ref: T.I.	01 99 50 action bwer r No. SCST, le : of		
9. 10. 11.	Research Publications Projects Carried out Patents	Dissertation Ph.D. Dissertation 150 Real Time simu Microcontroller motor; DST, Chandigar • Twenty-five lev Switches and D PSCS7/1965 da Chandigarh; • Patent filed - Im Multilevel Inve NITTTR [V & (59)/TIFA/2018	20 in progress 20 in progress Number of Research Pa Publication in National Jo Publication in Internation Presented in Conferences lation of boost converter; based Multi-starter for squ th – Emerging Vehicle Pre-e yel Inverter Topology with redu C Voltage Sources, Prior Searce ted 27.08.2018. Filing process dian Patent Application No. 20 rter was filed on January 29, 20 A Ref: 1779-P-02-IN/TIFAC F 3], Inventors : Mr. Rohit Kuma	pers ournals nal Journals /Seminars uirrel cage indu emption aced number of Po ch over, vide lette on progress by PS 02011003964, Titl 020, in the name of Ref: T.I. r and Dr. Shimi S	01 99 50 action ower r No. SCST, le : of udha		
9. 10. 11.	Research Publications Projects Carried out Patents	Dissertation Ph.D. Dissertation 150 Real Time simu Microcontroller motor; DST, Chandigar • Twenty-five lev Switches and D PSCS7/1965 da Chandigarh; • Patent filed - In Multilevel Inve NITTTR [V & (59)/TIFA/2018 Letha	20 in progress 20 in progress Number of Research Pa Publication in National Jo Publication in Internation Presented in Conferences lation of boost converter; based Multi-starter for squences th – Emerging Vehicle Pre-en- vel Inverter Topology with reduce C Voltage Sources, Prior Searces ted 27.08.2018. Filing process dian Patent Application No. 20 rter was filed on January 29, 20 A Ref: 1779-P-02-IN/TIFAC F B], Inventors : Mr. Rohit Kuma	pers ournals nal Journals /Seminars uirrel cage indu emption uced number of Po ch over, vide lette on progress by PS 02011003964, Titl 020, in the name of Ref: T.I. r and Dr. Shimi S	01 99 50 action power r No. SCST, le : of udha		
9. 10. 11.	Research Publications         Projects Carried out         Patents         Technology Transfer	Dissertation Ph.D. Dissertation 150 Real Time simu Microcontroller motor; DST, Chandigar • Twenty-five lev Switches and D PSCS7/1965 da Chandigarh; • Patent filed - In Multilevel Inve NITTTR [V & (59)/TIFA/2018 Letha Nil	20 in progress 20 in progress Number of Research Pa Publication in National Ja Publication in Internation Presented in Conferences lation of boost converter; based Multi-starter for squ ch – Emerging Vehicle Pre-ec vel Inverter Topology with redu C Voltage Sources, Prior Search ted 27.08.2018. Filing process dian Patent Application No. 20 rter was filed on January 29, 20 A Ref: 1779-P-02-IN/TIFAC F 3], Inventors : Mr. Rohit Kuma	pers ournals nal Journals /Seminars uirrel cage indu emption uced number of Po ch over, vide lette on progress by PS 02011003964, Titl 020, in the name of Ref: T.I. r and Dr. Shimi S	01 99 50 action power r No. SCST, le : of udha		
9. 10. 11. 12. 13.	Research Publications         Projects Carried out         Patents         Technology Transfer         Number of Books	Dissertation         Ph.D.         Dissertation         Dissertation         ISO         Real Time simu         Microcontroller         Mil         Mil         Mil         Mil	20 in progress - Number of Research Pa Publication in National Jac Publication in Internation Presented in Conferences lation of boost converter; based Multi-starter for squ ch – Emerging Vehicle Pre-ec vel Inverter Topology with redu C Voltage Sources, Prior Search ted 27.08.2018. Filing process dian Patent Application No. 20 rter was filed on January 29, 20 A Ref: 1779-P-02-IN/TIFAC F 3], Inventors : Mr. Rohit Kuma	pers purnals nal Journals /Seminars uirrel cage indu emption uced number of Po ch over, vide letter on progress by PS 02011003964, Titl 020, in the name of Ref: T.I. r and Dr. Shimi S	01 99 50 action bwer r No. SCST, le : of udha		
9. 10. 11. 12. 13.	Research Publications         Projects Carried out         Patents         Technology Transfer         Number of Books         Published with Details	Dissertation         Ph.D.         Dissertation         ISO         ISO         Real Time simu         Microcontroller         motor;         DST, Chandigar         • Twenty-five leve         Switches and D         PSCS7/1965 da         Chandigarh;         • Patent filed - In         Multilevel Inve         NITTTR [V &         (59)/TIFA/2018         Letha         Nil         01       1.	20 in progress 20 in progress Number of Research Pa Publication in National Jo Publication in Internation Presented in Conferences lation of boost converter; based Multi-starter for squ th – Emerging Vehicle Pre-e- vel Inverter Topology with redu C Voltage Sources, Prior Search ted 27.08.2018. Filing process dian Patent Application No. 20 rter was filed on January 29, 20 A Ref: 1779-P-02-IN/TIFAC F 3], Inventors : Mr. Rohit Kuma Solar Powered Cascaded Mult Sudha Letha, Publisher: La	pers purnals nal Journals /Seminars uirrel cage indu emption uced number of Po ch over, vide letter on progress by P 02011003964, Titl 020, in the name of Ref: T.I. r and Dr. Shimi S ilevel Inverter by a p Lambert Acad	01 99 50 action pwer r No. SCST, le : of udha Shimi demic		

<i>a</i> •••					
S. No.	NT NT				
1.	Name	Dr. Mala Ka		-	
2.	Designation	Assistant Prof	tessor, CSE		
3.	Date of Joining the	09.08.2011		)	
	institution		10		
4.	Educational	BE (CSE), M	E (CSE); Ph.D. (Engg.)	The second	
	Qualification			1111	
5.	Work Experience	Teaching	20 years	11/2 /	
		Research	10 years along with teaching	1/6	
		Industry	¹ / ₂ year		
		Others			
(		(Administrativ			
6.	Area of Specialization	Cloud Compu	iting, Swarm Intelligence, Fog/Edge Computi	ng, Data	
		Science			
7.	Subjects teaching at	At Undergra	aduate Level: Computer Networking, Op	erating	
	Under Graduate Level	System, Data	Structures, Web Technologies		
	& Post Graduate Level	At Postgrad	uate Level: Cloud Computing; Network S	becurity	
		Software Test	ting & Quality Management.		
8.	<b>Research Guidance</b>	Master's	45 completed		
		Dissertation	06 in progress		
		Ph.D.	- completed		
		Dissertation	03 in progress		
9.	<b>Research Publications</b>		Number of Research Papers		
			Publication in National Journals	-	
		52	Publication in International Journals	18	
			Presented in Conferences/Seminars	51	
10.	Projects Carried out	02 Complete	d: Establishment of Cyber Security and Fo	orensic	
	0	Training Faci	lity for Technical Teachers Training sponso	red by	
		Ministry of IT	⁽²⁰¹³⁻²⁰¹⁵⁾ :		
		Share and Me	entor Institutions (Margdarshan) Scheme spo	nsored	
		by AICTE (20	)19-23)		
11.	Patents	01 (A System	for Wirelessly monitoring water level in a wa	ter tank	
		& method the	reof granted on 22.03.2024 (co-inventor) Pate	nt No	
		529897	1001 granted on 22.05.2024 (co inventor) i ad	<i>I</i> III 1 10.	
12	Technology Transfor	527677 Nil			
12.	Number of Pools		magazing of International Conference of		
15.	Dublished with		nolucius life (ICIII 2010) I NNS Dock Serie		
	Dotails		16 Springer, Singer and (Editor)	s, voi.	
			10, Springer, Singapore (Editor)	4.6 1	
			toceedings of International Conference on Ar	uncial	
			ntelligence of Things (ICAIOT) 2023, CCIS	Book	
		S	eries, Vol. 1930, Springer. (Editor)		

S. No.							
1.	Name	Himmi Gupta					
2.	Designation	Assistant	Profes	sor, Civil Engineering			
3.	Date of Joining the	26.08.201	11				
	institution			0			
4.	Educational	BE (Civ	vil), N	I.E. (Structures); Ph.D.	heres		
	Qualification	(pursuing	g)				
5.	Work Experience	Teaching		13 years	1996		
	-	Research		-	12/10/		
		Industry		06 years			
		Others		-			
		(Administ	trative)				
6.	Area of Specialization	Structura	1 Er	igineering, Bridge Engineering, Pi	roject		
		Managen	nent, E	nvironmental Engg., Structural Retrofitting	g and		
		Rehabilit	ation,	Construction Management, Sustai	nable		
		Developr	nent, G	reen Buildings.			
7.	Subjects teaching at	At Post	tgradu	ate Level: Structural Engineering, B	ridge		
	Under Graduate Level	Engineer	ing, I	Project Management, Environmental E	Engg.,		
	& Post Graduate Level	Structura	1 Ret	rofitting and Rehabilitation, Constru	iction		
		Managen	Management, Green Buildings & Services, Rural Construction				
		Technolo	ogy.	T			
8.	<b>Research Guidance</b>	Master's	5	16 completed			
		Dissertat	Dissertation 05 in progress				
		Ph.D					
		Dissertat	tion				
9.	<b>Research Publications</b>			Number of Research Papers			
		22		Publication in National Journals	10		
		55		Publication in International Journals	10		
				Presented in Conferences/Seminars	13		
10.	<b>Projects Carried out</b>	-					
11.	Patents	Nil					
12.	Technology Transfer	Nil					
13.	Number of Books	Five	1. Pro	oceedings of National Seminar on Emerging Trea	nds in		
	Published with		Civ	vil Engineering, 16-17 Nov., 2011 (Dr. Sanja	ay K.		
	Details		Sha	arma & Himmi Gupta)			
			2. Pro	occeedings of National Conference on Sustai	inable		
			1ni 201	rastructure Development (NCSID) 13-14 N	Aarch,		
			20. Ka	nwar Himmi Gunta & Ivothi PM)	Singn		
			3 Pro	needings of Training Program on Energy Eff	ficient		
			and	Green Buildings from 24-26 Feb 2014. (Dr. S	Saniav		
			K.	Sharma, Himmi Gupta & Er. Balkar Singh)	Julijuj		
			4. Pro	oceedings of National Conference on Sustai	inable		
			Inf	rastructure Development-2015 (NCSID-2015)	from		
			26-	27 Feb, 2015. (Dr. Sanjay K. Sharma, Dr. Va	rinder		
			Sin	gh Kanwar, Himmi Gupta, Dr. Bushra Zaman, I	Dr. C.		
			Pra	ıkasam & Jyothi PM)			
			5. Pro	oceedings of 31st National Convention	ı of		
			En	vironmental Division Board of the Institution	on of		
			En	gineers (India) and National Seminar on Cl	iimate		
			Ch	alige – Need for Global Partnership from Nove	ember		
			6-7	', 2015. (Siby John, P.S. Bhogal & Himmi Gupta	a)		

S. No.							
1.	Name	Amardev Sir	igh and a second s				
2.	Designation	Assistant Pro	fessor, EDIC				
3.	Date of Joining the	17.08.2012					
	institution						
4.	Educational	B.Tech. (ECE), MBA (IT- Networking),					
	Qualification	Ph.D. in Busi	ness Mgt. (Pursuing)				
5.	Work Experience	Teaching	Teaching 13 years				
		Research	03 years along with teaching				
		Industry	¹ / ₂ year				
		Others					
		(Administrativ	ve)				
6.	Area of Specialization	Entrepreneur	ship Development, Business Manage	ment,			
		Intellectual	Property Rights, II – Networking; Marl	keting			
		Management,	Technology Adoption & Management;	Green			
_		Information	echnology				
7.	Subjects teaching at	At Undergraduate Level: Marketing Management,					
	Under Graduate Level	Entrepreneur	al Development & Mgt., Microwave &	Radar			
	& Post Graduate Level	Engineering, Signals & Systems, Human Resource Management					
		At Postgraduate Level: - Technology Management, Principles					
		of Manager	nent, Research Methodology, Organiza	tional			
		Behaviour					
8.	<b>Research Guidance</b>	Master's	-				
		Dissertation	-				
		Ph.D.	-				
		Dissertation					
9.	<b>Research Publications</b>		Number of Research Papers				
		07	Publication in National Journals	01			
		07	Publication in International Journals	-			
			Presented in Conferences/Seminars	06			
10.	Projects Carried out	Nil					
11.	Patents	Nil					
12.	Technology Transfer	Nil					
13.	Number of Books	Nil					
	Published with						
	Details						

S. No.					110	200			
1.	Name	Amandeep Ka	ur						
2.	Designation	Assistant Pr	ofesso	or, Education	&				
		Educational Ma	anage	ment		1			
3.	Date of Joining the	09.07.2014				K			
	institution				10	2			
4.	Educational	BE (Chemical ]	Engg)	, ME (Environment	al <b>Contract</b>				
	Qualification	Engg.); Ph.D. (	pursu	ing)		1			
5.	Work Experience	Teaching		15 years					
		Research		-	and the second second				
		Industry		-					
		Others (Administ	rative)	-	122 11				
6.	Area of Specialization	Environmental	Engi	neering, Educationa	ll Management, Adv	vanced			
		teaching strat	egies,	Evaluation and	assessment, Clas	ssroom			
		Communication	n						
7.	Subjects teaching at	At Undergrad	duate	Level: Fluid Me	chanics, Environm	iental			
	Under Graduate Level	Sciences, Natur	ral Di	saster Management					
	& Post Graduate Level								
		At Postgraduate Level: - Research Methodology, Project							
		Planning & Management, Environmental Impact Assessment &							
0		Policy	-						
8.	<b>Research Guidance</b>	Master's	-						
		Dissertation	-						
		Ph.D.	-						
0		Dissertation	NT		<b>D</b>				
9.	Research Publications		Nu	mber of Research	Papers				
		13	Pul	Dication in Nationa	I Journals	02			
		-	Pul	blication in Interna	tional Journals	06			
10			Pre	sented in Conferen	ces/Seminars	05			
10.	Projects Carried out	• Developed	& Co	ordinated AICTE-N	NTTT MOOC Mod	ule 3:			
		Communi	cation	n Skills, Mod	es and Know	ledge			
		Disseminat	lon'	(12 Video and /	e-content) launche	d on			
		SWAYAM	Porta	I from 2 nd March t	o 27 th April, 2020	(with			
		9444 partic	ipants						
		Developed	6 vide	eo and 3 e-content f	or MOOC, <b>'Resear</b>	ch in			
		Technical	Educa	tion' launched on S	SWAYAM portal.				
		8 Video Fil	ms av	ailable on YouTube					
11.	Patents	Nil							
12.	Technology Transfer	Nil							
13.	Number of Books	<b>01 Book</b> 2.	Health	Impacts due to Fluor	ide Contamination in	Water:			
	Published with	Chapter	Current	scenario. In Health R	lisk Assessment & Tre -84n (Amandeen Kaur	Ritu			
	Details		Bala. S	S Bhinder & SK Kansal	- Strategies; Elsevier, 2021; 65-84p (Amandeep Kaur, Ritu Bala, SS Bhinder & SK Kansal)				

S. No.						
1.	Name	Dr. Kailas	h Ch	andra Lachhwani		
2.	Designation	Assistant Pr	ofes	sor, Applied Sciences		
3.	Date of Joining the	08.01.2015		Tom Tor		
	institution	0010112012			2/-	
4.	Educational	M.Sc. (Matl	hs), I	MPhil, Ph.D. (Maths);		
	Qualification	MBA	,,,			
5.	Work Experience	Teaching		18 years		
	-	Research -				
		Industry		-		
		Others		-		
		(Administra	tive)			
6.	Area of Specialization	Operation R	Resea	rch, Mathematical Programming		
7.	Subjects teaching at	At Undergraduate Level: Engineering Mathematics, Operation				
	Under Graduate Level	Research, Optimization techniques				
-	& Post Graduate Level	At Postgra	duat	e Level: - Operation Research		
8.	Research Guidance	Master's		01 (Ph.D Awarded)		
		Dissertation	n			
		Ph.D.		-		
-		Dissertation	n			
9.	<b>Research Publications</b>			Number of Research Papers	<u> </u>	
		42		Publication in <b>National Journals</b>	09	
				Publication in <b>International Journals</b>	16	
				Presented in <b>Conferences/Seminars</b>	17	
10.	Projects Carried out	Nil				
11.	Patents	1. Copyright	ht fill	ed "MATLAB Program for solving Multi-level		
		Linear Fr	actio	nal Programming Problems based on modifie	d	
		Fuzzy Go	Dal Pi	Ogramming Approach © (Reg. No. SW-11904/	2018)	
		2. Copyrigh Multiobid	u oj ective	MATLAD Coulligs for solving Multi-Level	ed on	
		modified	fuzz	v goal programming approach"©	Ju oli	
12.	Technology Transfer	Nil		, <u>o</u> L <u>o.</u> annung akkyonen o		
13.	Number of Books	One	Eno	ineering Mathematics II 2009 Jainur	Saroi	
	Published with	5	Pub	lication	20105	
	Details		1 0.0			

#### M.E. (MODULAR) PROGRAMMES-2024-25

#### **1.** Objectives of M.E. Programmes

To keep pace with rapid advancement in technology, the country requires high quality manpower with technical and managerial capabilities in the 21st Century. There are primarily three distinct categories of technical manpower needed by the industry in the country i.e., engineering, technicians and skilled workers. Personnel of each of these categories play an equally important role in the day-to-day running as well as the development and growth of industry. The institutions which are producing technical manpower, therefore, need teachers who have the required knowledge and skills to train good technicians and engineers.

Thus, there is a great need to reorient and upgrade the knowledge and skills of existing teachers of technical institutions through Industry oriented and Practice based Programmes in Engineering and Technology as Master's Degree Level. These programmes will help develop the professional capabilities desired by teachers for training technicians/engineers that would meet the changing requirements of industry.

#### 2. Special Features of M.E. Programmes

- a. The nature of programmes offered are flexible, allowing self-pacing and taking up courses of study in a sequence and at the time convenient to the students within the maximum time frame as stipulated by the institute for the completion of the programme.
- b. The focus is on the mastery of minimum essential competencies, enhancement of knowledge and development of capabilities such as learning to learn, problem solving, management skills etc.
- c. The curriculum contents of the programmes are aligned with the National Higher Education Qualification Framework and NEP-2020 guidelines.
- d. The curriculum contents of all these programmes will encompass the future of work, sustainable development, women-led development and harnessing of technology.
- e. The focus is to update the knowledge base of teachers/students in specialized field(s) through these programmes. In addition to classroom teaching and laboratory work, the programmes make use of a combination of instructional techniques such as group discussion, home assignments, individual and group projects, independent study, remedial instruction, industry-based instruction, expert lecture sessions, field visit to industry etc.
- f. Assessment of students' performance is based on both continuous evaluation and endsemester evaluation with the use of a variety of assessment techniques matching the learning objectives of different courses of study. Completion of course work is followed by a thesis.
- g. Almost all courses contain practical/laboratory tasks. These tasks form an essential component of the curriculum implementation. Thesis work is based on problems of the technical education system, 'On Job Problems' of Industries and other societal problems.

# **3.** Master of Engineering (Modular) Programmes – Sanctioned Intake and Reservation

#### Sanctioned Intake

S. No.	Programme	Intake
1.	M.E. in Civil Engineering (Construction Technology and Management)	24
2.	M.E. in Computer Science and Engineering	12
3.	M.E. in Electrical Engineering (Instrumentation & Control)	24
4.	M.E. in Electronics and Communication Engineering (VLSI Design)	24
5.	M.E. in Mechanical Engineering (Manufacturing Technology)	24

#### Reservation

15% seats are reserved for SC candidates, 7.5% seats for ST candidates, 3% for persons with different abilities (PWD) candidates, 27% seats for OBC candidates and 10% for EWS under general category as per instructions of Govt. of India applicable to Educational Institutions. The

institute reserves the right of admission entirely and the decision of NITTTR (Deemed to be University) authorities on admission will be final in all the cases.

#### **Categories of Admission**

NITTTR (Deemed to be University under Distinct Category) Chandigarh offers M.E. Programmes for the following categories of students:

- a) In-service Teachers/Technical Staff of Technical Institutions/ Officials of State DTEs/ BTEs
- b) Working Professionals from Industry/ Other Organizations

c) Engineering Graduates with one year experience aspiring to be teachers. The preference for admission will be given as per the above sequence.

#### 4. Eligibility Criteria: Qualifications and Experience for Admission

- a) M.E. in Civil Engineering (Construction Technology and Management): A Bachelor's Degree in Civil Engineering or equivalent from a recognized University with at least 60% marks* in aggregate and post qualification experience of at least 1 year (2)
- **b) M.E. in Computer Science and Engineering:** A Bachelor's Degree in Computer Science & Engineering/ Information Technology or equivalent from a recognized University with at least 60% marks* in aggregate and post qualification experience of at least 1 year
- c) engineering graduates with above educational qualifications (with or without experience) can also apply. But they will be considered after the applications received in the above category are exhausted.
- d) M.E. in Electrical Engineering (Instrumentation & Control): A Bachelor's Degree in Electrical Engineering/ Electrical and Electronics Engineering/ Electronics Engineering/ Instrumentation and Control Engineering or equivalent from a recognized University with at least 60% marks* in aggregate and post qualification experience of at least 1 year (2 years in case of AMIE**) in teaching/ industry/ research organization. However, engineering graduates with above educational qualifications (with or without experience) can also apply. But they will be considered after the applications received in the above category are exhausted.
- e) M.E. in Electronics and Communication Engineering (VLSI Design): A Bachelor's Degree in Electronics and Communication Engineering/ Electronics Engineering/ Microelectronics/ VLSI Design/ Microelectronics and VLSI Design or equivalent from a recognized University with at least 60% marks* in aggregate and post qualification experience of at least 1 year (2 years in case of AMIE**) in teaching/ industry/ research organization. However, engineering graduates with above educational qualifications (with or without experience) can also apply. But they will be considered after the applications received in the above category are exhausted.
- f) M.E. in Mechanical Engineering (Manufacturing Technology): A Bachelor's Degree in Mechanical Engineering/ Manufacturing Engineering (or Technology)/ Production Engineering/ Industrial Engineering/ Automobile Engineering or equivalent from a recognized University with at least 60% marks* in aggregate and post qualification.

Experience of at least 1 year (2 years in case of AMIE^{**}) in teaching/ industry/ research organization. However, engineering graduates with above educational qualifications (with or without experience) can also apply. But they will be considered after the applications received in the above category are exhausted.

* Relaxation in marks/grades as per GoI norms for reserved categories

#### **As per GoI guidelines

Note: A certified copy of the conversion formula, in case of marks in grade points (i.e., CGPA to %), is essential.

#### **5.** Duration of the Programmes

The normal duration of M.E. (Modular) Programmes including thesis will be  $3\frac{1}{2}$  academic years (7 spells, each spell of 5 weeks duration). The maximum period of completion of the programme including thesis shall be  $5\frac{1}{2}$  academic years (11 spells).

Years in case of AMIE^{**}) in teaching/ industry/ research organization. However, engineering graduates with above educational qualifications (with or without experience) can also apply. But they will be considered after the applications received in the above category are exhausted.

#### **Preparation of Merit List**

The institute prepares a merit list of all sponsored eligible candidates based on the aggregate percentage of marks obtained in all the semesters/years of qualifying examination and the total experience. The admission is granted to candidates strictly according to the merit list, prepared as follows:

- i) Qualification: Aggregate % of marks in B.E. or its equivalent X 4 (Multiplying Factor) The candidates must write in the application form at the appropriate S. No. the maximum marks, marks obtained in each of eight semesters/four years and the exact % of aggregate marks.
- ii) Experience: One score for each number of completed years of total experience on the last day of receiving application gained after obtaining minimum entry qualification subject to a maximum of ten. Experience against leave vacancy, visiting/guest faculty will not be counted.
  - Note: The total score calculated based on qualifications and experience as mentioned in (i) and (ii) above should not be less than 25. In case of a tie in the score of merit so calculated, seniority in age will be the deciding factor for their inter-se merit.

#### Master of Engineering in Emerging Areas- (Regular Programmes) for the Academic Session 2023-24:

S.	Branch of Master of Engineering (Regular) Programme	Sanctioned
No.		Intake
i.	M.E. in Computer Science and Engineering (Specialization in Internet of	18
	Things)	
ii.	M.E. in Electronics & Communication Engineering (Specialization in	18
	Artificial Intelligence)	
iii.	M.E. in Mechanical Engineering (Specialization in Robotics)	18

#### Salient Features of these M.E. Programmes (in Emerging Areas):

Approved by AICTE and Panjab University, Chandigarh; Affordable Fee Structure (Approximately Rs. 1,30,000/- for the complete programme); 50% of the Courses are offered by Industry Experts; Students can complete One full year Internship in Industry as there are no subjects offered in contact mode; During 2nd year, Placement Assistance will be provided; Industry relevant and highly practical oriented Subjects; All subjects will be covered with Industrial Case Studies; Scholarships for GATE qualified students; Competitive Curriculum, etc.

**Criteria for Admission:** Fresh Engineering graduates shall be admitted on the basis of valid GATE score or OCET (Other Common Entrance Test, if conducted by Panjab University, Chandigarh) merit of PU, Chandigarh {as per criteria approved by Panjab University, Chandigarh}. All such candidates must apply for these programmes in the institute by the last date on the application form downloaded from www.nitttrchd.ac.in. In addition, they (candidates without valid GATE score) are also required to apply to Panjab University, Chandigarh for appearing in the OCET (Rules & Regulations and date of OCET can be checked from website of Panjab University, Chandigarh: www.pu.ac.in).

#### Total number of seats in each of the ME Regular Programmes is given below:

<b>S.</b>	Branch of Master of	Sanctioned			
No.	<b>Engineering</b> (Regular)	Intake			
	Programme				
i.	ME in Mechanical Engineering	23			
	(Manufacturing Technology)				
ii.	ME in Civil Engineering	31			
	(Construction Technology &				
	Management)				
iii.	ME in Computer Science &	23			
	Engineering				
iv.	ME in Electrical Engineering	23			
	(Instrumentation and Control)				
v.	ME in Electronics &	21			
	Communication Engineering				

#### **ME Regular Programmes:**

• The details about number of seats for full time sponsored Polytechnic/Engineering College Regular teachers, officials of Directorates and Boards of Technical Education; for full time sponsored working professionals from industry/other organizations including technical staff of universities and; for fresh engineering graduate candidates are given in the Prospectus/Brochure. Fresh Engineering graduates shall be admitted on the basis of valid GATE score or OCET (Other Common Entrance Test, if conducted by PU, Chandigarh) merit of PU, Chandigarh {as per criteria approved by Panjab University, Chandigarh}. All such candidates must apply for these programmes in the institute by the last date on the application form downloaded from www.nittrchd.ac.in. In addition, they are also required to apply to Panjab University, Chandigarh for appearing in the OCET (Rules & Regulations and date of OCET can be checked from website of Panjab University, Chandigarh: www.pu.ac.in).

Vacant seats, if any, under sponsored category candidates in all ME (Regular) programmes will be filled up from amongst corresponding eligible fresh graduates (with valid GATE score or through OCET of PU, Chandigarh).

Due credit will be given to GATE qualified fresh engineering candidates for these ME Regular programmes only (and shall be offered the seat at the first instance as per Panjab University rules & regulations). GATE qualified candidates shall be paid scholarship as per AICTE guidelines.

#### **ME Modular Programmes:**

S.	Branch of Master of Engineering (Modular) Programme	Number of seats
No.		Modular
i.	ME in Mechanical Engineering (Manufacturing Technology)	23
ii.	ME in Civil Engineering (Construction Technology &	45
	Management)	
iii.	ME in Computer Science & Engineering	23
iv.	ME in Electrical Engineering (Instrumentation and Control)	23
v.	ME in Electronics & Communication Engineering	23

#### Total number of seats in each of the ME Modular Programmes is given below:

Total number of seats in each of the five ME (Modular) programmes at Sr. Nos. (*i*) to (*v*) above are 18 **except in case of Civil Engineering (35 seats)**, for sponsored Polytechnic/Engineering College Regular teachers, officials of Directorates, Boards of Technical Education, Universities and official/staff of NITTTRs. However, sponsored candidates from industry & other organizations may also apply in these ME (Modular) programmes as vacant seats, if any, under sponsored teacher category candidates in all ME (Modular) programmes will be filled up from amongst corresponding eligible sponsored candidates from industry and other organizations.

#### Reservation

15% seats are reserved for SC candidates, 7.5% seats for ST candidates, 3% for disabled candidates, 27% seats for OBC candidates and 10% for EWS under general category as per instructions of Govt. of India applicable to Central Educational institutions. The institute reserves the right of admission entirely and the decision of NITTTR authorities on admission will be final in all the cases. The institute reserves the right to make any amendment in the prospectus as and when it is deemed necessary.

#### Preparation of Merit List:

#### a) Sponsored Candidates

The institute prepares a merit list of all sponsored eligible candidates based on the aggregate percentage of marks obtained in all the semesters/years of qualifying examination and the total experience. The admission is granted to candidates strictly according to the merit list, prepared as follows:

#### (i) Qualification

#### **Multiplying Factor**

x 0.4

% of marks in BE or its equivalent

The candidates must write in the application form (under S.No. 11), the maximum marks, marks obtained in each of eight semesters/four years and the exact percentage of aggregate marks.

#### (ii) Experience

One score for each number of completed years of total experience on the last day of receiving application gained after obtaining minimum entry qualification subject to a maximum of ten. Experience against leave vacancy, visiting/guest faculty will not be counted.

**Note:** The total score calculated based on qualifications and experience as mentioned in (i) and (ii) above should not be less than 25.

- b) Fresh Engineering graduates for admission in ME Regular programmes at S.No. (i), (ii) and (iii) as stated on page 4 and 5
- c) Fresh Engineering graduates and candidates from industry/other organizations including technical staff of universities for admission in ME Regular programmes at S.No. (iv) and (v) as stated on page 4 and 5.

The candidates listed at (b) and (c) above shall be admitted on the basis of valid GATE score {obtained and shall

be offered the seat at the first instance} or through CET merit {as per criteria approved by Panjab University, Chandigarh}.

#### **Qualifications and Experience for Admission:**

#### (i) M.E. Computer Science and Engineering Programmes:

a) M.E. in Computer Science and Engineering with Specialization in IoT (Internet of Things) Programme – An Industry Attached Specialization Programme in the emerging area of IoT A Bachelor's Degree in Computer Science & Engineering/Electronics Engineering/ Electrical Engineering/ Instrumentation & Control Engineering/Information Technology from a recognized University or its equivalent with at least 60% marks in aggregate.

#### b) M.E. in Computer Science and Engineering

A Bachelor's Degree in Computer Science & Engineering/Electronics Engineering/ Electrical Engineering/ Instrumentation & Control Engineering/Information Technology from a recognized University or its equivalent with at least 60% marks in aggregate and post qualification experience of at least 1 year (2 years in case of AMIE) in teaching/industry/research organization. However,

fresh graduates can also apply. But they will be considered after the applications received as per above qualifications are exhausted.

#### (ii) M.E. Electrical Engineering Programmes:

#### a) M.E. in Electrical Engineering (Instrumentation and Control) Programme

A Bachelor's Degree in Electrical Engineering /Electronics Engineering/ Instrumentation and Control Engineering from a recognized University or its equivalent with at least 60% marks in aggregate and post qualification experience of at least 1 year (2 years in case of AMIE) in teaching/industry/research organization. However, fresh graduates can also apply. But they will be considered after the applications received as per above qualifications are exhausted.

#### (iii) M.E. Electronics & Communication Engineering

a) M.E. in Electronics & Communication Engineering with Specialization in AI (Artificial Intelligence) - An Industry Attached Specialization Programme in the emerging area of AI A Bachelor's Degree in Electronics and Communication Engineering from a recognized University or its equivalent with at least 60% marks in aggregate.

#### b) M.E. in Electronics & Communication Engineering

A Bachelor's Degree in Electronics and Communication Engineering from a recognized University or its equivalent with at least 60% marks in aggregate and post qualification experience of at least 1 year (2 years in case of AMIE) in teaching/industry/research organization. However, fresh graduates can also apply. But they will be considered after the applications received as per above qualifications are exhausted.

#### (iv) M.E. Mechanical Engineering (Manufacturing Technology)

#### a) M.E. in Mechanical Engineering with Specialization in Robotics (Robotics) Programme – An Industry Attached Specialization Programme in the emerging area of Robotics

A Bachelor's Degree in Mechanical Engg/Manufacturing Engineering (or Technology)/ Production Engg./Industrial Engg./Automobile Engineering from a recognized University or its equivalent with at least 60% marks in aggregate

#### b) M.E. in Mechanical Engineering (Manufacturing Technology) Programme

A Bachelor's Degree in Mechanical Engg/Manufacturing Engineering (or Technology)/ Production Engg./Industrial Engg./Automobile Engineering from a recognized University or its equivalent with at least 60% marks in aggregate and post qualification experience of at least 1 year (2 years in case of AMIE) in teaching/industry/research organization. However, fresh graduates can also apply. But they will be considered after the applications received as per above qualifications are exhausted.

#### (v) ME in Civil Engineering (Construction Technology & Management) Programme

A Bachelor's Degree in Civil Engineering from a recognized University or its equivalent with at least 60% marks in aggregate and post qualification experience of at least 1 year (2 years in case of AMIE) in

teaching/industry/research organization. However, fresh graduates can also apply. But they will be considered after the applications received as per above qualifications are exhausted.

# A certified copy of conversion formula, in case of marks in grade points (i.e., CGPA to %), is essential. No Experience is required for admission of Fresh Engineering Graduates to ME (Regular) programmes and Industry Attached Specialization Programmes.

#### Admission under DASA only for ME Regular Programmes

Two seats in each of ME Mechanical Engineering (Manufacturing Technology) ME Civil Engineering (Construction Technology & Management) and ME Electrical Engineering (Instrumentation & Control)

and three seats in each of ME Computer Science & Engineering and ME Electronics & Communication Engineering Regular programmes had been available in the past under DASA in respect of foreign nationals/PIOs and NRIs. Efforts are being made to continue the same.

*	Cut off/last candidate admitted:	The data for the year	2020 - 21,	,2021-22,	2022-23	& 2023-
24 is g	given below:					

S.	M.Tech/ME	2020	)-21	2021-22		2022-23		2023-24	
No	Programme(s)	MINIM	MINI	MINIM	MAXIM	MINIM	MAXIM	MINI	MAXIMU
•		UM	MUM	UM	UM	UM	UM	MUM	M SCORE
		SCORE	SCOR	SCORE	SCORE	SCORE	SCORE	SCOR	
			Ε					Ε	
1.	ME Civil Engg.	25.16	32.24	24.20	33.42	28.32	34.99	24.92	39.5
	(Const. Tech. &								
	Mgt.)								
	(Regular)								
2.	ME Mechanical	24.00	35.48	25.96	33.60			24.23	24.23
	Engg.								
	(Manufacturing								
2	Tech.) (Regular)	0(0	22.04	0476	22.04			NT'1	NT'1
3.	ME Comp. Sc.	26.8	33.84	24.76	33.04			IN11	IN11
	(Regular)								
4	(Regulal) ME Electrical	25 72	33.62	25.72	33.4			Nil	Nji
4.	Fngg (Inst &	23.12	55.02	23.12	55.4			1111	1911
	Control)								
	(Regular)								
5.	ME Eltx. &	26.63	35.08	23.84	28.16			Nil	Nil
	Comm. Engg.								
	(Regular)								
6.	ME Civil Engg.	28.2	39.48	24.42	32.98	29.98	40.68	29.5	41.16
	(Const. Tech. &								
	Mgt.)								
	(Modular)								
7.	ME Mechanical	29.93	40.07	24.16	33.12	28.80	39.60	28.69	49.12
	Engineering								
	(Manuf Tech.)								
0	(Modular)	20.45	20.01	04.75	21.56	07.60	20.07	21.10	27.02
ð.	ME Comp. Sc.	28.45	39.81	24.75	31.56	27.68	38.87	31.18	37.83
	(Modular)								
9	MF Flectrical	26.90	40.65	24.15	32.92	28 78	41.46	28.76	41.15
).	Engo (Inst &	20.70	40.05	24.13	52.72	20.70	71.70	20.70	41.15
	Control)								
	(Modular)								
10	ME Eltx. &	29.040	38.73	22.92	32.74	29.36	37.20	31.12	35.01
	Comm. Engg.								
	(Modular)								

Marks obtained vide above mentioned admission criteria are displayed on the notice boards and institute website.

APPLICATION FORM: Downloadable application form with online submission possibilities: Put on website during admission process; List of candidates whose applications have been received along with percentile/ percentage score for each of the qualifying examination in separate categories for open seats: List was displayed & loaded on the website also.  List of candidates who have applied along with percentage and percentile score for Management/ quota seats.
 Not applicable

#### ♦ FEE IN RUPEES (₹)

#### a) Programme Fee (for M.E. Courses in Emerging Areas – with Specializations)

Fee Detail	For ME Regular Programmes (in ₹)		
Admission Fee (one	₹ 2,000/-		
time)			
Programme Fee	₹ 40,000/- I Semester; ₹ 40,000/- II Semester		
	₹ 25,000/- III Semester; ₹ 25,000/- IV Semester		
	Total: 1,30,000/- (For 2 Years)		
Continuation Fee	5000/- per semester (after 4th semester to be paid to NITTTR in		
	addition to university continuation fee)		
Pre-Thesis Exam and	₹ 2000/- per candidate per exam		
Final Thesis Exam			
Security (refundable)	₹ 7,000/- (one time)		
Insurance Fee	₹ 500/- (one time for 2 years)		

#### b) Programme Fee for other Regular M.E. Programmes

S.No.	Details of Fee	Modular	Regular
i)	Admission fee one time	₹ 2,000/-	₹ 2,000/-
ii)	Programme fee:		
	a) Sponsored Teachers of Tech.	₹ 15,000/- per spell	₹ 20,000/- per semester
	Instts., officials of DTEs/BTEs		
	etc.		₹ 25,000/- per semester
	b) Fresh Engineering Graduates	₹ 17,000/- per spell	₹ 25,000/- per semester
	c) Industries candidates		
iii)	Various funds payable to Institute	₹ 2,800/- (annually)	₹ 3,300/- per semester
iv)	a) Various fee and funds	₹ 1,775/- (annually)	₹ 1,775/- (annually)
	payable to the Panjab		
	University	₹ 3,385/- per spell	₹ 3,385/- per semester
	b) University Examination fee		
<b>v</b> )	Continuation Fee	₹ 5000/- per spell (after	₹ 5000/- per semester (after
		7th spell) to be paid to	4th semester to be paid to
		NITTTR in addition to	NITTTR in addition to
		university continuation	university continuation fee)
		fee	
v)	Security refundable	₹ 7,000/- (One Time)	₹ 7,000/- (One Time)
vi)	Pre-Thesis Exam and Final Thesis	₹ 2000/- per	₹ 2000/- per candidate per
	Exam	candidate/exam	exam
vii)	Extension of period for submission	₹ 1,500/- (or as prescribed	₹ 1,500/- (or as prescribed
	of thesis (per year or part thereof)	from time to time)	from time to time)
viii)	Insurance Fee		₹ 750/- (one time for 2
			years)

✤ NUMBER OF FEE WAIVERS OFFERED : NIL

#### Academic Calendar of the University for the Session 2023 – 2024 for ME Modular Programmes

Spell June, 2023	Spell December, 2023	Spell June, 2024
7 th Spell for Batch,	6 th Spell for Batch	7 th Spell for Batch,
2020, 5 th Spell for Batch	2021; 4 th Spell for	2021, 5 th Spell for Batch

	2021, 3 rd Spell for	Batch 2022 and 2 nd	2022, 3 rd Spell for
	Batch 2022 and 1 st Spell	Spell for Batch 2023	Batch 2023 and 1 st Spell
	for New Batch 2023		for New Batch 2024
Normal Admission	24.05.2023		28.05.2024
Registration for old students	01.06.2023 to 05.06.2023	29.11.2023 to 30.11.2023	31.05.2024 to 03.06.2024
Late admission to be	06.06.2023 to		04.06.2024 to
allowed by the Director	09.06.2023		07.06.2024
NITTTR, with late fee			
of `1,000/-			
University	01.06.2023 to	12.12.2023 to	27.05.2024 to
Examination for	06.06.2023	20.12.2023	05.06.2024
previous batch (two papers)			
Commencement o	01.06.2023	01.12.2023	08.06.2024
Classes			
Teaching	01.06.2023 to	01.12.2023 to 04.01.2024	08.06.2024 to 11.07.2024
_	04.07.2023 (34 working	(34 working days	(34 working days
	days including all	including all Saturday &	including all Saturday &
	Saturday & Sunday)	Sunday)	Sunday)
Class Test	05.07.2023	05.01.2024	12.07.2024
End of the spell	05.07.2023	05.01.2024	12.07.2024

#### Academic Calendar of the University for the Session 2023 – 2024 for ME Regular Programmes)

	First Semester (for new students, Batch 2023 – 25) and	Second Semester (for students, Batch $2023 - 25$ ) and Fourth
	Third Semester (for students,	Semester (for students, Batch
	Batch 2022 – 24)	2022 - 24)
Normal Admission/ Registration	17.07.2023 to 17.08.2023	02.01.2024 to 05.01.2024
Late admission to be allowed by	24.07.2023 to 25.07.2023	08.01.2024 to 12.01.2024
the Director NITTTR, with late fee		
of`1,000/-		
Late admission to be allowed by	26.07.2023 to 27.07.2023	
the Vice Chancellor with late fee		
as per University rules		
Registration	24.07.2022 to 28.07.2023	12.01.2024
Commencement of Classes	01.08.2023	12.01.2024
Teaching	01.08.2023 to 11.09.2023	12.01.2024 to 22.02.2024
First mid-semester tests	12.09.2023 to 14.09.2023	23.02.2024 to 26.02.2024
Teaching	15.09.2023 to 26.10.2023	27.02.2024 to 09.04.2024
Second mid-semester tests	27.10.2023 to 30.10.2023	10.04.2024 to 12.04.2024
Teaching	31.10.2023 to 11.12.2023	15.04.2024 to 24.05.2024
End-semester examinations	12.12.2023 to 20.12.2023	27.05.2024 to 05.06.2024
Commencement of next semester	16.01.2024	01.08.2024

Schedule of End Semester/Spell University Examinations for ME Programmes (both Regular and Modular) is as per approval by Panjab University, Chandigarh (letter No. Misc./A-1/4217 dated 06.05.2023).

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✤ PIO QUOTA

No

:

### Infrastructural Information

	Number of rooms		Carpet area of each room		
Particulars	Requirement as per norms	Available in the institution	Requirement as per norms	Available in the Institution (Sq.M)	
Class Rooms		12		562	
Tutorial Hall		02		105	
Seminar Hall		04		312	
Drawing Hall (*)		02		250	
Computer Centre		01		345	
Library		01		330	
Laboratories & workshops		27		1462	
Other/auditorium		01		300	
Total				3656	

 Classroom/Tutorial room Facilities : Instructional Area for the existing programme(s)

• In addition, the institute is in the process of completing construction of Lectures Complex of 10 rooms equipped with modern facilities.

• Central Examination Facility, Number of each: One Big hall & 12 classrooms, seating rooms and capacity of total 360





## LIST OF LABORATORIES, MAJOR EQUIPMENT/ FACILITIES AVAILABLE FOR EXPERIMENTAL SET UP:

# Engineering Education (Education and Educational Management Deptt.)

#### **Computer Laboratory:**

- 19 Computer Systems with internet for M.Tech. Engg. Education students
- 01 Professional LED Display with integrated Touch Screen
- 01 LCD Projector, 01 Overhead Projector
- 01 SPSS Software

### Mechanical Engineering (Manufacturing Technology) Deptt.

(Major Equipment of the Laboratories of the Mechanical Engineering Department)

Name of laboratory	Major facilities
CAD / CAM	• 3D Metal Printer (ProX DMP 200)
	• 3D Polymer Printer (uPrint FDM)
	• 3D Scanner (Steinbichler COMET)
	Flexible Manufacturing System
	CNC Milling & Turning Simulator
	• CAD Workstations – 31
	• HP DesignJet T1200 Plotter
	• Software – ANSYS, COMSOL, SolidWorks, Autodesk Inventor, MDT,
	CATIA, IDEAS, Delmia, MasterCAM, SolidCAM, ADSTEFAN, Creo,
	Flexsim, Simufact, Kissoft
Measurements &	• Setup for condition monitoring system of gears, shafts and bearing
Metrology	Bearing Condition Monitoring Test Rig
	• Vibration Analyzer and Accessories; Thermal Imaging Camera
	• Machine Vision & Inspection System
	Eddy Current Flaw Detector     Magnetic Particle Create Detector
	Magnetic Particle Crack Detector     Design Measuring Instruments
Maalia Taal	Basic Measuring first unients     CNC Vertical Multi-se Mechine
Machine Tool	CNC vertical Milling Machine
	Plezo Electric 6-Component Dynamometer with accessories
	Condition Monitoring System Test and Measurement Equipment     Cruogenia Treatment Equipment
	Cryogenic Treatment Equipment     Spark Erosion EDM
	Flectro Chemical Machine
	Liceno Chemical Machine     Lathes: Shaper: Milling Machine: Vertical drill machine
	<ul> <li>Surface Grinder: Tool and Cutter Grinder</li> </ul>
	<ul> <li>Tungsten Inert Gas (TIG) Welding set</li> </ul>
	<ul> <li>Metal Inert Gas (MIG) Welding set</li> </ul>
Materials & Material	Scanning Electron Microscope
Testing	• Spectrometer
6	• Potentiostat/galvanostat
	• Universal Testing Machine – 01
	Digital Rockwell cum Brinell hardness tester
	• Microhardness tester – 01;
	Ultrasonic Flaw Detector
	• Wear Test Rig – 01
	Scratch tester
	Tool maker microscope
Mechatronics	Electro-Hydraulic Trainer Kit
	PLC controlled Electro-Pneumatic Kit with Ladder Diagram software
	Electronically Controlled X-Y Table, Conveyer and Rotary Table
	Microcontroller based DC Motor Control Trainer
	Robotic Manipulator with control and simulation software
	DSpace Data Acquisition Board; Brushless DC Motor Control Trainer
	Stepper Motor Control Trainer
	• I rainer Boards for Sensors (Strain Gauge, Ultrasonic,
	Sensors / Transducers for measuring Dressure Torque Eleve
	Rate,Position etc.
	• Accessories - Oscilloscope, DC Power Supply, Function Generator etc.
	• Software - Automation Studio, MATLAB with toolboxes. Mathematica





## Civil Engineering (Construction Technology & Management) Department

Name of the Laboratory	Plinth Area (sq. m.)
Computer Applications Lab.	30
Environmental Engg. Laboratory	69
Concrete Laboratory	62
Hydraulics Laboratory	41
Soil Engineering Laboratory	67
Highway Engineering Laboratory	42
Material Laboratory	54
Non Destructive Testing lab.	20

#### **CONCRETE TECHNOLOGY LABORATORY** (List of Major Equipments)

Automatic Compression Testing Machine 3000 kN with Flexural Test attachments, Electronic Universal testing machine (UTE 60T) including Bend & Re-bend Attachments, Compression Testing Machines Electrically operated of capacity 3000 kN each, Hot Air Oven , Water bath, Cement Autoclave, Humidity Cabinet, Pulverizer, Accelerated Curing Tank, Pan Mixer, Muffle Furnace, Concrete Penetrometer spring Type, Concrete Permeability Apparatus, Flow Table, Equipment for Self Compacting Concrete (Slump Cone, J-Ring, L-Box, U-Box, V- Funnels), Cement Cube Vibrating machine, Vicat's Mould, le-Chateliers Apparatus, Blaine's Air Permeability Apparatus (Manual & Automatic), Riffler, Slump Cone Apparatus, Compacting Factor Apparatus, Vee-Bee Consistometer , Vibrating table, Bulk density App (3 Lts, 15 Lts, 30 Ltrs), Pycnometer, Needle vibrator (25 mm & 40 mm), Thickness gauge & Length gauge, Concrete beam moulds (15x15x70 cm & 10x10x50 cm), Cement cube moulds (7.06 cm size), Cement Cube moulds (10 cm & 15 cm sizes), Sieve Shaker, IS Sieves, (Complete sets), Electronic digital Weighing scale Cap.30 kg & 300 Kg), Tile abrasion testing machine, Aggregate Crushing Value Apparatus, Aggregate Impact Value Apparatus, Air Entrainment Meter.



SOIL ENGINEERING LABORATORY (list of major equipment)



Standard Penetration Test Apparatus, Fully Automatic Triaxial System Cyclic, Permeability Apparatus (constant & Falling Head), Direct Shear Test Apparatus Electronic including software, Consolidation Test Apparatus (electronic), Unconfined compression Testing Machine, Soil Resistivity Meter, Diamond Core Drilling Machine, Core Cutter & Ggrinding Machine, Brazaillian Test Apparatus, Nuclear Moisture Density Gauge, Grouting Machine, Loading Device 50 kN Capacity, Power Mechanical Drill, Sample Extruder, Thermostatically controlled Electric Oven, Field Density Apparatus, Core Cutter Apparatus, Hydrometer Analysis Kit, Pull Out Apparatus, Abbot Compaction Apparatus (Metric), Field Inspection Vane Tester, Proctor needle (Hydraulic type), Pycnometers, Density Bottles, Rapid Moisture Meter, Automatic Compactors, Swell Test Apparatus, Sieve Shaker with Timer, Vicksberg Penetrometer, Shrinkage Limit Apparatus, IS Sieve Sets (Complete).



#### HIGHWAY ENGINEERING LABORATORY (list of major equipment)

Pavement Dynamic Cone Penetrometer, Ring & Ball Apparatus, Flash Point Apparatus, Water Bath, Standard Penetrometer, Marshal Stability Test Apparatus, Aggregate Impact Value Tester, Centrifuge Extractor, Film Stripping Device, Los Angeles Abrasion Testing Machine, CBR Apparatus, Cleveland Flash & Fire Point Apparatus, Automatic Compactor for Bituminous Mixes, Penetration Cone, Storage Sticking Apparatus, Pressure Head Apparatus, Engler Viscometer, Ductility Test Machine, Profilograph, CBR Apparatus (Field Type), Benkelman Beam Apparatus, Hot Air Oven.

Hardness Number Apparatus, Deep Freezer, Bump Integrator, Alignment Meter, Penetrometer, Modified Marshal Stability Apparatus, Laboratory Mixer for Bituminous Mixes, Pressure Aging Vessel, AutoClave, Digital Viscosity Meter.



#### ENVIRONMENTAL ENGINEERING LABORATORY (LIST OF MAJOR EQUIPMENTS)

PC Based Double Beam Spectrophotometer, Microprocessor based pH Meter, Digital pH Meter, Microprocessor based Conductivity Meter, Digital Conductivity Meter, Digital Nephlo/Turbidity Meter, Colorimeter, UV/VIS Spectrophotometer, Jar Test Apparatus, Concentration Meter, Ion Chromatograph, Millipore Membrane Filter, Oil and Grease Analyser, Kit for Nitrate, Nitrogen, Kit for Phosphate, Digital Nephlo Turbidity Meter, COD Digestror, Universal Incubator, Rapid Total Coliform Apparatus, Flame Photometer, BOD Trak Apparatus, Arsenic Kit, Luminescent DO Analyser, Oil and Grease Analyser, Sound Level Meter, CO/HC Analyser, Multigas Analyser, High Volume Sampler

# NON DESTRUCTIVE/MATERIAL TESTING LABORATORY (list of major equipment)

Pundit Lab Ultrasonic Testing Instrument, TICO Ultrasonic Instrument, Concrete Test Hammer NR Type, Concrete Test Hammer P Type, Corrosion Analyser, Moisture Meter, Paint Pressure Tester, Scratch Hardness Tester, Flexibility Adhesion Tester, Rebar Locator, DD-130 M Diamond core drilling system, Pipe Testing apparatus, Reversion oil bath, Vicat Softening temp apparatus, Digital Density meter for Sp. Gravity test, Ferroscan system PS200, Accelerated curing tank, Impact resistance testing machine, Load test apparatus, AutoClam Permeability System, MOR Testing Machine, Tile Autoclave, Universal Gauge App for measurement of surface flatness, MHO's hardness scale, Impact testing machine for ceramic tiles, Fully Digital Load Frame System, Coating Thickness Gauge, Microscope, Sample Cutting Machine and Grinding Machine, Pulse Echo Tester, Concrete Surface Resistivity Meter

#### HYDRAULICS LABORTORY (list of major equipment)

Bernoullis theorem apparatus, Hydraulic testing pump for pipe Pigmy Current Meter, Differential Manometer, Model of Turbine Pump, Pelton wheel with friction brake. Hydraulics Bench, Stability of floating body apparatus, Orifice Flow Apparatus, Flow over a notch apparatus, Friction loss apparatus, Flow measurement apparatus. Hele Shaw Apparatus, Reynold's No. Apparatus, Flow meter demonstration apparatus.





Non Destructive Testing Lab/Material Laboratory

Moisture Meter (Digital); Core Cutting Equipment; Paint Pressure Tester; Scratch Hardness Tester; Flexibility and Adhesion Tester; RCT Rapid Chloride Test Kit; Corrosion Analysing Instrument, Carbonation Kit; Perfometer for reinforcement details; Concrete test hammer NR type (swiss made); Concrete test hammer pendulum type; Ultrasonic Instrument; Ultrasonic Thickness Gauge; Crack width Meter; Laser Distance Meter.

#### Surveying/Remote Sensing

GIS Handsets, Total station, Micro-optic, Theodolite, Auto level, Dumpy Level, IDP Level, Vernier Theodolite, some Basic Surveying Instruments, Map tufo software, Terranodal software to be used in conjunction total station.

## **Computer Science & Engineering Department**

# LIST OF LABORATORIES, MAJOR EQUIPMENT/FACILITIES AVAILABLE FOR EXPERIMENTAL SET UP:

1. Smart Class Room (Room No. 108) Total System: 21

#### Make HP600 G4 SFF i7-8700

 Processor: Intel 8th Generation, Core i7-8700(3.2 GHz, 12 MB Cache. 6 Cores), chipset Intel-Q370

- RAM: DDR4, Size 8 GB, RAM Speed 2667 MHz, storage: Hard Disk(GB) 1000,7200 rpm SATA6 GB/s
- Operating System (Pre-Loaded): Windows 10 Professional 64 bit Operating System
- Network Connectivity: 10/100/1000 on board Integrated Gigabit Port
- Display: Monitor Size 21.5", Resolution 1920*1080 pixels



- 2. M.E. (CSE) Class Room (Room No. 102) Total System : 25 <u>Make HP400 GI Microtower PC</u>
  - Processor: Intel Core i7-4790(3.6 GHz, RAM Storage: DDR3, 8 GB, RAM Speed 2667 MHz: Hard Disk 500(GB), SATA Interfaced.
  - Operating System (Pre-Loaded): Windows 8.1 64 bit.
  - Network Connectivity: 10/100/1000 on board Integrated Gigabit Port
  - Display: Monitor Size 18.5", Resolution 1920*1080 pixels

#### Interactive touch screen with digital podium

- 86" interactive touch screen with individual interface and Android OS Resolution-1895*
- 1066 with Laptop Interface & Desktop Interface, Gooseneck & Wireless Microphone, 300 Watt amplifier.
- Wall Mount and Ceiling Speaker and Controller-VGA in*2, VGA out*2, HDMI in*2, HDMI out*3, LANM RJ-45, Power-12V/3.5 A.

#### <u>Software</u>

- Ms Office 2016
- Bluemix
- Netsim
- Open Source Os-Ubuntu 18.04
- Open Source Application- Ns2, Xampp, Php, Mysql, Libre Office, Cloudsim, Wireshark, Android Studio, Angular Java, Blender Gimp, Python, R Programming, Scilab





# CYBER SECURITY LAB (Sponsored by Ministry of DEITY, GOI)

#### 1) Make: HP 406-G1 | Qty-03

1.

- Processor Intel, Core i7-4790 (3.6 GHz, RAM & Storage: MHz; Hard Disk (GB) 500, 7200 rrpm SATA 6.10 Gbis DDR 3, Size 8 GB, RAM Speed 2667
- Operating System (Pre-Loaded) System Windows 8/8.1 64 bit Operating
- Network Connectivity 10/100/1000 on board Integrated Gigabit Port
- Display: Monitor Size 18.5", Resolution 1920x1080 pixels

#### 2) Make: HP Elite 8300 Microtower PC | Qty-12

- Processor Intel, Core i5-3470 (3.2 GHz, RAM & Storage DDR 3. S 4 GB RAM Speed 2667 MHz, Hard Disk (GB) 500, 7200 rpm
- SATA 6.10 Gb/s
- Operating System (Pre-Loaded) Windows 8/8.1 64 bit Operating System Network Connectivity: 10/100/1000 on board Integrated Gigabit Port Display Monitor Size 18.5", Resolution 1920x1080 pixels

#### 3) SONY PROJECTOR WIRE AND WIRELESS

- Native Resolution 1024x768 (XVGA), Projection Lamp/Source UHP
- Maximum Resolution to UXGA (1600X1200)
- Input Compatibility VGA SVAGA XGA MAC, Projection Size 30-300"
- Aspect Ratio 4:3 Input VGA HDMI Mini Jack (Audio) x1
- Network and Remote Fully Functional Remote Control WLAN connectivity with Power Supply-220- 240V 50Hz AC, light weight

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#### 2. Computer and Network Support Center

- OTDR and Accessories
- Digital Multimeters, LAN Testers, Power Meters, Source Meters
- Punching Tools, Climping Tools, Connectors
- UTP Rolls, Wireless Access Points, Splicing Machine
- Essential Tools for Assembly and Disassembly of PCs

#### 3. Server Room (Room No.114)

- HP ProLiant DL580 Server
- DELL POWER Xeon R520 Server for LINUX/OPEN SOURCE OPERATING Systems
- IBM X3650 SERVER; IBM X3850 SERVER
- IBM BLADE SERVERS; Fortigate UTM and FortiAnalyzer
- Emerson Integrated Smart Rack Cabinet SC-26-AC
- Cisco ASR 1000 Router and Multiplexer TJ1210
- Managed HP ProCurve L3 Switch with 24 Giga Ports (1U)





4. Research and Innovation Lab

**Total System: 4** 

- DELL Optiplex 980 i5 3.20 GHz ,4GB RAM,500 Hard Drive
- 16 U Rack, Switch Catalyst 2960
- Cisco Access Point



• Entire department including labs and classrooms with 30 minutes UPS backup followed by DG Set

#### List of Softwares

Sr. No.	Particulars
1	Qualnet 4.5 (Research Licence with Base Libraries)
2	Sql Server 2008
3	Visual Studio 2008 Professional(15 Users), Adobe CS4 (10 Users), Office 2007 Professional (20 User)
4	Jaws Software (01 license)
5	IBM CE Enablement Programme with IBM Bluemix
6	Microsoft Office Standard 2016 (200 licenses)
7	Statistica Ultimate Academic Pact (UAP) version 12.7 (50 Licenses)

In addition to above softwares department uses open source/free software as per need.

### **Electrical Engineering (Instrumentation & Control) Department**

#### Laboratories associated with Department

Sr. No.	Name of the Laboratory	Plinth Area (m ² )
1.	Electrical Machines Laboratory	100
2.	Power Electronics Laboratory	50
3.	Instrumentation & Control Laboratory	50
4.	Virtual Instrumentation Laboratory	50
5.	Embedded System Laboratory	40
6.	SCADA and PLC Laboratory	25
7.	Advanced Virtual Instrumentation Laboratory	25
8.	Advanced Power Electronics Laboratory	25

#### ELECTRICAL MACHINES AND SCADA & PLC LABORATORY

Cut view Model (Electric Motor)' DC Series Motor 2HP 220V, 1000/1500rpm; PSG 3 KVA Alternator 1500 RPM, S.N. 146058; PSG Slipring Ind. Motor 5 HP, 3 Ph; 1440 RPM; PSG DC Generator 220V, 18A, 1500RPM; DC Motor 5 HP, 220V, 1450 RPM; DC Generator 2 KW, 220V, 1450 RPM; DC motor BTH 3 HP, 220V, 1450 RPM – 2Nos; 3 PH; AC Ind. Motor 3 PH, 440V, 3HP, 1420 RPM; AC Motor 4/2 HP 440V, 1390/750 RPM; Gautam Unwound Motor 5HP 1420 RPM, 440V; Transformer 230/12V 50 VA, S.no. 74627; Transformer 230/12V, 100 VA, S.no. 74857; Transformer 230/12V, 150W, S.no 74522-23 – 2 Nos; Motor

1 Phase 1/12 HP, 5000RPM, S.No. TC 1539; Motor 1 Phase 1/15HP, 1275RPM, S.No 12762; Motor 1 Phase 1/5 HP, 930 RPM, S.No H68376, Motor 1 Phase 1/8 Hp, 930 RPM, S.No. 5J2391; DC Starter 5HP S.No 1305/75, 1310/75 – 2Nos; DC Motor 5 HP, 220V, 1450RPM, S.no 42252; Alternator, 5KVA, 400/230V, 3Ph;1500RPM, 12389; WolfDrill m/c 1/4", S.N. B 148711; Universal Motor 1/8 HP 230V, S.No SMM 18131; Armature Growler Elak Make; Meco Digital tong Tester Model 2200; Clipon Type Power Factor Meter, Riken; Clipon Type AC Wattmeter 20/200KW, Riken; Analog Clamp Meter Model 2103, Japan Make; Digital Insulation Tester DT 920; LUX Meter LUTRON Make, Model 101; IEEC Universal Digital AC Drive; Induction Motor 3 Phase 5 HP, 440 volt, Cont, Rating coupled with DC Shunt Gen, 220V, 18A; Digital Multimeter Rishabh 16S & S1232 Module; Infrared Non Contact Thermometer Raytek / MT4; PLCP-R Thyristor Controlled Rectifier S.no. 592K, Process Logic Controller for the Meas. of temp., Non contact type Earth Resistance tester, Luminary Parameter Analyser, Electrical Motor Design Software, AC Servo Trainer, DSO Agilent, Mipower software, Hp laser jet Pro 400 MFP, Advanced Programmable Controller Model PC55/ML , LJ Create , UK Make;One Nos., Bytronic make PLC & module;1 Nos., Ladder Logic Software;1Nos, PC-45 PLC Trainer;1 Nos. Opal RT Real Time Electrical System Simulator; Grid Simulator

#### POWER ELECTRONICS AND ADVANCED POWER ELECTRONICS LABORATORY

Dimmer Type 15D, Electric Blower Plus Suction Attachment;, Aplab Model 3131, 15Mhz Dual Trace CRO Sr No 487/2196; Aplab Model 3131, 15 MHz Dual Trace CRO Sr No 288/132; Aplab Regulated Power Supply Model No 7112 30V/0-2Amp-4 Nos;, Component Storage Cabinet;, Regulated DC power supply single channel agronic make model 92B; Solderless Bread Board Built in power supply, Model GFI-27; 3 Phase 6 SCR Bridge Firing Unit - Model TPSF; Steppler Motor Control with Motor ET-Thyset-23MR; Scientific LCRQ Bridge MODEL 6018 (Sr. No 89344); Hameg 40 MHz Digital Storage Oscilloscope HM 407 Sr. No. Z-7139; Clamp On power Meter Model 4500 Make MECO; UPS 625 VA-2 Nos, Function generator Model MX 9810. Multi Transducer Model M-42, Make Rishab - 2 Nos; Accelerometer & Signal Conditioning Module Type MV-410 (B), Operating System Window XP Professional Edition - 2 N0s; UPS 500VA Offline Interactive (Wipro Make) - 9 Nos: DSP Trainer Kit model WZ-DSPORT-5.0 & Compiler ADSP21060, Software Dasy Lab DLABPD6-02, Single user Latest Version, ADD ON CARD PCI 1710; WICE 8052 IN-Circuit Emulator; Switch HUB D link 8 port 10/100 Mbps, Partition Magic Software; V-ELEQ Virtual electrical equipment simulator; Live wire design and simulating& Analyzing software ; 20MHz Dual Trace CRO power scope model ST 224; CADDO Micro controller based CRO, Model CADDO-803. Digital logic trainer controller Model; LACS-DLTC; Computer PC, Printer H1536, handholdmultimeter fluke-9 Nos; D C Shunt Motor; Bench Grinder Type-6; bench Vice; Energy Lab Hybrid System; Computers Desktop HP 8300; HP DC-7000 Series Desktop computer; Solar PV Training & Research Kit; Advanced Control Education Kit 1104 :DS1104 -R&D Controller Board CLP 1104 Connector LED panel SW: CDP Control Dev Package Mictotec C cross complier with USB dongle One Nos; DSP Based AC Induction motor drive; VPE Spartan DSP FPCA Controller; 3Phase 11 Level Cascaded H Bridge; 0.25 HP Three Phase AC Motor Setup with QEP Sensor; Professional LED Display with integrated touch screen; Globus Electronics Lectern Model; Globus Visual Presenter.

#### **INSTRUMENTATION & CONTROL LABORATORY**

LVDT Based Displacement transducer DX 25:2 Nos., Strain guage based displacement transducer DXS 25;2 Nos., DC Dual output power supply Pacific 305D;1 Nos., DC Single output power supply Pacific ;2 Nos., Aplab signal generator 2014;1 Nos., Load cell LU1-50K;1 Nos., 3 ½ digit LCD Autoranging multimeter 9A;4 Nos.,3 ¹/₂ digit LCR Meter MECO;2 Nos.,3 ¹/₂ digit LCR Meter MECO;2 Nos., Digital Insulation Tester DIT90 MECO;2 Nos., Digital Multimeter, DM-454 MOTWANE;1 Nos.,Bread Board;1 Nos., Scientech-Oscilloscope 201FC;1 Nos., Calibration Bench with dial guage for calibration of LVDT's/strain guage based transducers 0-25mm ;4 Nos., Process Control Trainer ICON-97;1 Nos., Portable Load Management System ALM 1:1 Nos. ADAM 4520ADAM-4018ADAM-4080DPWR-243; Scientific function generator HM-5030-2;1 Nos., DIGIAC 1750 transducer trainer;1 Nos., Direct Digital Control;1 Nos., Analog Control system;1 ,Nos., Process Control Unit + Level sensor PCU2L;1 Nos., UPS 1KVA Offline;1 Nos., Carrier make window AC ;4 Nos., Voltage Stablizer 4KVA;4 Nos., UPS 500VA APC AVR 500;2 Nos., VCL-1, Virtual Control Software;1 Nos., Nos., Elletronica veneta software;1 Nos., UNITOOL-CAD software;1 Nos., PCB Mounting Hall effect transformer HTP-25HTP-50HTP-100S;PSCAD4 software;1 Nos., HUB 16 port 100 mbps micronet;1 Nos., Laser Printer Samsung ML2150;1 Nos., Visualization Software;1 Nos., Transducer Parameter Analyser Model IA-TPA;1 Nos., PLECS-Software;1 Nos., PCC4 PCI Interface Card for PCU rig;1 Nos., PCUSIM - PCU ring simulator 10 user;1 Nos., Photonics CAD Optical Transmission Software ;1 Nos., Data Aqs. System DAS - MG01;01 Nos.,4' X 6' Projection Screen BRAUN make;01 Nos., BPE 3 KVA Online UPS system ;02 Nos., HP Compaq LAPTOP NX 6320, IGB RAM (total);01 Nos., Desktop PC HP Dx 2280 ( Classroom);01 Nos., HP Desktop DX 7380 ;04 Nos., HP CLJ 2600N Printer;01 Nos., Laptop HP 6710b ( 3 yrs warranty);01 Nos., HP LJ 3005 DN Laser Printer;01 Nos., Wipro Desktop PC ;04 Nos., SONY

VPL-CX76 LCD Projector;01 Nos., Digital Visual Presenter, DP 6650 A;01 Nos., HP DC7000 Desktop ;08 Nos., Dell Latitude E5500 Laptop;03 Nos., Mathworks Suite with Tool Boxes;35 user Nos., MS office 2007 Paper License ;08 Nos., Emerson Online UPS 3 KVA ;01 Nos., HP DC 7000 Series Desktop Intel Vpro Config.;10 Nos., APC UPS 3 KVA Online ;01 Nos., Computer Notebook i5 with windows 7CNU 1452x6x;01 Nos., UPS 3 KVA ( APC);One Nos., HP Laser Jet Printer Model LJ P 1606DN;Three Nos., Transducer & Instrumentation Trainer with data Acquisition of Control System consisting of :Transducer & Instrumentation Trainer , Model D1750, LJ Create, UK Make, Data Acquisition of Control System ,Model D1760, LJ Create, UK Make Two Nos., Matlab software :Upgradation of Existing LC no. 829355 & 829356( Part A One DVD) Offer for New Add ON as per Ann 1 ( Part B);One Nos. One Nos., Bio Medical System with EMG Sensor and Acknowledge Software with all accessories MYo Trace 400, 4 Channel System, Blue tooth with MR-XP ( Clinical Application) S.No.04210037; One Nos., Process Control Trainer (Technology) Model: PCT-100, Make : Bytronics(UK); One Nos.

# VIRTUAL INSTRUMENTATION AND ADVANCED VIRTUAL INSTRUMENTATION LABORATORY

Bench Top 4 1/2 digit multimeter MECO 45P;1Nos. ,'PROTEK' 3 3/4 Digit Digital Multimeter, 506;4Nos20MHZ CRO 201CT;1 Nos.Hand Held Scope meter;1 Nos., PCI DAQ board PCI-703;1 Nos., PCI DAQ board PCI-730;1 Nos., PCI 6013 DAQ card PCI 6014 DAQ card, Labview 7 full Development system;1 Nos., NI PCI -6220 data Acquisition Board; 1 Nos., LABVIEW Software Batch M64X59285;01 Nos. NI Elvis / PCI 6251 Bundle Batch HA 6389911;01 Nos., NI ELVIS II and other supporting modules, Labview AcademyNI ELVIS II + Circuit Design Bundle LabVIEW Academy Course Preparation Materials;01 Nos., LabVIEW Academy Student Workbook for Student use with LV Academy Programme. ;01 Nos., Quanser ONET Mechatronics Sensor Board for NI ELVIS Acd Only):01 Nos., Vernier Bioinstrumentation Sensor Kit for NI ELVIS II :01 Nos., Quanser ONET DC motor control board for NI ELVIS (Acad Only):01 Nos., Quanser QNET Rotary inverted Pendulum Bd for NI ELVIS (Acad Only)Quanser QNET HVAC Trainer Board for NI ELVIS (Acad Only);01 Nos., Freescale NI ELVIS Microcontroller Prototype Board;01 Nos., Vernier Green Engineering Sensor Kit for NI ELVIS II :01 Nos., Emona ETT-211 FOTEX-Fiber Optic Comm Trainer for NI ELVIS;01 Nos., NI Developer Suite consisting of :NI Lab View Deptt L/C upgrade to Labview 2012, Ni Compact Data Aq. & Multisensor Platform consisting of :8 Slot Compact DAQ Chassis & following modules - 9178, Analog Input-9223, Analog Output (Voltage)-9269, Differential Analog Input-9223, Universal Analog Input with Signal Conditioning for Bridge based sensors-9219, Thermocouple Analog Input-9214,RTD Analog Input-9217, J Type Thermocouple and RTD Sensors,24b Bridge Analog Input-9219, Digital I/O and High Speed Sourcing DO, Sinking DI Modules -9403, SSR Module-9485, Power Supply and Accessories, NI Embedded Control platform for green engg. & Medical Device prototyping,Integrated Chassis & FPGA based Compact RIO Controller-9025, Power Supply & Acceories.; 01 Nos, Ni Multisim 12.0 (35user) Circuit Design Platform Education Edition;01 Nos., Measuring Instruments : a) Power Quality Measuring Modules230Vrms Voltage Input Module (1 quantity)-9225,5A Current Input Module (1 quantity)-9227, Relay Module (1 quantity)-9481, b) Ethernet and Wireless Data Monitoring ModulesNI WSN Platform (1 Gateway and 2 WSN AI Nodes), NI Wi-Fi Carrier (1 quantity) NI Ethernet Carrier (1 quantity), Power Supply and Accessories, Desktop Computers HP 8300MT Core i5, Win8 Pro09 Nos., Uniline 3 KVA Online UPS Backup 30 Min.02 Nos., NI 6244 ModuleNI 9227 Module, NI 9234 Module, IMI Industrial 2 pin Accelerometer, IMI Ind. Acc. Meter Cable, HP Business Desktop 25 Nos.

#### EMBEDDED SYSTEM LABORATORY

Microprocessor traning kits: i) 8 bit upkit (VMC 8506) 2 Nos, ii) Power supply 2 Nos, iii) Lab manual 2 Nos, iv) Hardware Manual 2 Nos, v) 16 bit upkit (VMC 8603) 2 Nos, vi) Power supply 1 Nos, vii) Hardware Manual 1 Nos, viii) Lab. Manual 1 Nos, 16 Bit Microprocessor Kit 2 Nos, TMS 320C31 based DSP starter Kit, 2 Nos, TMS 320C54 based DSP starter Kit, 2 Nos, KEIL PK51 Software 1 Nos, VAB DSP Education Software: A) HSWN0467 VAB for Infinity (C6711 Version) 1 Nos, B) TMSDS 320606711 (C6711DSK Bundle) 1 Nos, Microcontroller Simulation Software Package Model Proteus VSM 1 Nos, Radio Frequency Application Board 1 Nos, GSM Mobile Application Board 1 Nos, Universal Microcontroller Development Package 2 Nos, Separate Interfacing Application Module 2 Nos, PSIM- Simulation Software for Power Elex. & Motor Control 1 Nos, Universal Programmer ,48 Pin, USB Based with user Manual 1 Nos, Embedded Development Package with Tools for 8,16 & 32 bit Processor 1 Nos, Un Scrambler Software 1 Nos, Universal FPGA/CPLD Development System 1 Nos, FPGA Strarter Pack Model EB940 1 Nos, Computer-HP 8300 MT CORE I5 WIN 8PRO ITEM No. 33 IN HP DGS & D RC 1 Nos, 8051 Based Micro- Controller Kit with optional Switch Mode Power Supply 3 Nos, FTIR Spectrometer, MODELk8002AA 1 Nos.

















# **Electronics & Communication Engineering**

#### Laboratories of the Department:

- 1. Digital Signal Processing & Soft Computing Laboratory
- 3. Computer Networking Laboratory
- 4. Communication Engineering Laboratory
- 5. Embedded System Laboratory
- 6. CAD & VLSI Laboratory

#### List of Major Equipment/Facility available for Experimental Set-up:

#### **Digital Signal Processing & Soft Computing Laboratory:**

Data Acquisition Card & Software, Fuzzy Logic Controller, Micro-controller – Intel 8051 Based Systems, PIC Micro-Controller Board, AVR Micro-controller Trainer Kit, Digital Signal Processor Kit ADSP-2181, Digital Signal Processor – Texas Instruments TMS-32C6711, PAL Logic Design Training Kit, Programmable Logic Controller Module, Bus Based Designer System Board, MATLAB, Visual DSP, Circuit Maker, VHDL.

#### **Computer Networking Laboratory:**

PCs, Hub, Wireless LAN, Access Points, Switch, Router

#### **Communication Engineering Laboratory:**

ISDN Trainer Exchange, Microwave Spectrum Analyzer, EPABX System, Plain Paper FAX Machine, Fuzzy Logic Controller, Hand-held Scope Meter, Communication Trainer Kits, Microwave Test Benches, Fiber Optics Trainer Kits, Antenna Trainer Kits with all Practical Antennas. Blue Tooth Board, GSM Board, Virtex-4 FPGA it, AVR Development Board.

#### **Embedded System Laboratory:**

SLC 500 Trainer, Micrologix 1000 Trainer, Micrologix 1200 Trainer, Computer Systems (20), Embedded Kits, Spartan (R) 6FPGA (04), Multi-media Projector, Advanced VLSI Proto Board (02).

#### CAD & VLSI Laboratory:

VLSI Hard Development System, Computer Systems, Digital Multi-meter, HP Color Printer, HP Scanner, 20 systems with server(Linux) and Window Softwares etc. Virtex-4 FPGA Kit, AVR Development Board. Display Plazma LG, Spartan 3-A, DSP 1800A, Sparatan 3ER Kit, Laptop Soni, LCD Projector, Credence software which is a specialized VLSI software.



Networking Lab

Communication Lab



DSP and Soft Computing Lab

Embedded System Design Lab



VLSI Lab

The department has recently established a smart classroom with digital podium and Interactive LED Panel to teach the classroom sessions more interactively.



#### "Electronics Service Centre"

It is a nodal agency to cater the repair and maintenance of defective electronic equipment, power supplies, SMPS, UPS, Test and measuring instruments of Northern Polytechnic colleges. Nearly 100 students from Engineering colleges per year are trained at this centre in Embedded System Design, Power supply fabrication and Testing, PCB Fabrication and testing, Electronics experiments, fabrication and testing etc. ME students of Electronics and Communication Engineering are also developing some projects like Power Failure buzzer, Presure sensor based attendance system, battery charger etc. Recently the department established a new laboratory for PCB Fabrication where the students fabricate the PCBs on their own.



**PCB** Fabrication Lab



**Electronics Circuit designing LAB**
# Computer Centre Facilities : (As on 01.09.2022)

S. No.	Particulars	Availability		
1.	No. of Computer Terminals	709 (distributed among various labs. of the instt.)		
2.	Hardware Specification	Servers with Storage -	- <b>10 Servers</b> in Server Room	
		Dual Xeon or Above		
		Pentium Dual, i3, i5,		
		i7; IV th Generation	709 Desktop PC's	
		& above		
		Laptops	112	
3.	No. of Terminals on	All terminals (as entir	e institute is on wired and wireless	
	LAN/WAN	network)		
4.	Relevant Legal Software	Application	STAAD III, Strap, Primavera,	
		Software: 80	Conmix, Auto Civil, AutoCAD,Geo4,	
			Adobe CS4, Visual Studio 2008 Prof.,	
			Software Microsoft Office Standard	
			2016. IBMCE Enablement	
			Programme with IBM Bluemix,	
			NetSIM etc.	
		System Software:	All systems have been procured with	
		709	preloaded Windows operating system	
5.	Printers	114 Printers		
6.	Internet Accessibility (in Kbps	1 Gbps NKN Connectivity		
	& hrs)			

:

# * Library Facilities

Total area of the library Seating capacity of the library Reprographic facility (yes / No) Working hours of library	: 10,000 sq. ft. (approx. 849.70 sqm carpet area) : 150 : Yes : 9.00 a.m. to 5.30 p.m. (Monday to Saturday)
Library Networking facility (Yes/No	): Yes; the whole library is connected through LAN and wi-fi. The library is fully computerized using the web-base LMS LIBERTY. All the in-house library operations are computerized and can be accessed through Web-OPAC as well as through internet. The database of the library is installed on blade server based on window Server 2007.
<b>Usage data of the library</b> (in terms of books issued to the faculty	<ul> <li>600 to 700 books have been issued and consulted by students and faculty</li> <li>&amp; students etc.)</li> </ul>
Annual library budget (% of annual student fee collected):	: 35 lakhs
Number of Library books/ Titles/Jo	urnals available : Lib. Books = 50086 (as on 03.07.2024)
Print Journals Newspapers Magazines e-books	: 22 : 03 : 12 : 578

Print Journals Newspapers Magazines e-books E-resources	::	22 03 12 578 11
e-Library facilities	:	Journals are accessed in the Library. Journals are IP configured.

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# ✤ Auditorium/Seminar Halls/Amphi/ETV Studio

Available





# * Cafeteria



Inner view of Mess

Available



# Available

:

:

# Available

# Indoor Sports Facilities (Badminton, Table Tennis, Carom, Chess)







*



Available

:





**Outdoor Sports Facilities** (Lawn Tennis, Volleyball, Hockey, Football & Cricket) * Gymnasium Facilities



- -

* Facilities for disabled



# Any other Facilities (Extra-curricular):

(Cultural Programmes, Celebrations of Important Days & as per University calendar also, Soft Skill Development Facilities)

# 10.16 Hostels

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- **Boys Hostel**
- **Girls Hostel**



New Hostel Block for Boys



Medical & other Facilities at Hostel *

### : Available

The institute has a Centre for Physically Challenged Persons and conduct training programmes for persons working in the area of disability.



# **Available**



Three Storeyed Hostel Block

: ONE new hostel blocks for Boys (160 Rooms); Two Floors in Three Storeyed Hostel and one Floor in Two Storeyed PG Hostel

: One new hostel for Girls (43 Rooms) One Floor in Three Storeyed hostel and one Floor in Two Storeyed PG Hostel



New Hostel Block for Girls



Available :



# 10.17 Academic Sessions

## ***** Examination System, Year/Semester

(Every student has to appear in two periodic tests as decided by the institute & must qualify the same before appearing in the end semester university examination scheduled to be held in June and December every year)

:

Period of Declaration of Results

# 10.18 Counseling/Mentoring

- Career Counseling
- Medical Facilities
- ***** Student Insurance

# 10.19 Students Activity Body

- Semester-wise as per Panjab University, Chandigarh guidelines
- : Does not Apply
- : Available

: Available

: Available

: Available

: Available

- : Does not Apply
- **Cultural Activities** : Available (Cultural Programmes, Celebrations of Important Days and as per University calendar also)
- Sports Activities

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- Literary Activities
- Magazine/Newsletter/Journal
- * Technical Activities/TechFest
- ✤ Industrial Visits/Tours
- Alumni Activities

# **10.20** Name of the Transparency Officer

✤ Designation

Designation

Designation

E-mail

✤ Phone Number with STD CodE

**10.21** Name of the Nodal Officer for RTI

Phone Number with STD Code

Fax Number with STD Code

- ✤ Fax Number with STD Code
- E-mail

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# : Available

# : Dr. AB Gupta

## : Approved vide Office Order No. 2023/04 dated 05.04.2023

: Available (students participate

in Tech Fest in and around city)

- : Professor & Head, CDC
- : 0172-2759658
- : 0172-2791366
  - : <u>abgupta@nitttrchd.ac.in</u>

# : Dr. Niraj Bala

# : Approved vide Office Order No. 101 dated 25.06.2024

- Professor & Head, EDIC and Nodal cum Central Public Information Officer
- : 0172-2759577
  - : 0172-2791366
  - : <u>nirajbala@nitttrchd.ac.in</u>

# 10.22 Name of the Information Officer for RTI : Dr. Niraj Bala

: Approved vide Office Order No. 101 dated 25.06.2024

- Professor & Head, EDIC and Nodal cum Central Public Information Officer
   0172-2759577
- Phone Number with STD Code

77

- ✤ Fax Number with STD Code
- * E-mail

- : 0172-2791366
- : <u>nirajbala@nitttrchd.ac.in</u>

**10.23** Name of the Assistant Information Officer for RTI : Dr.Harsh

Vardhan Samalia : Approved vide Office Order No. 101 dated 25.06.2024

- * Designation
- Phone Number with STD Code
- ✤ Fax Number with STD Code
  - * E-mail

- : Associate Professor, EDIC and
  - Associate Dean (ORG)
  - : 0172-2759673
  - : 0172-2791366
  - : <u>harsh@nitttrchd.ac.in</u>

# **10.24** Name of the First Appellate Authority

* Designation

- Phone Number with STD Code
- ✤ Fax Number with STD Code
- E-mail

ty : Dr. Pankaj Sharma : Approved vide Office Order No. 101 dated 25.06.2024

- : Professor, Applied Sciences
- : 0172-275751
- : 0172-2791366

:pankaj@nitttrchd.ac.in

- 10.25 Committee of PIOs/FAAs with rich experience in RTI to identify Frequently Sought Information under RTI

   : Approved vide Office Order No. 101 dated 25.06.2024
  - * Professor (Dr.) AB Gupta as Transparency Officer
  - * Professor (Dr.) Pankaj Sharma as First Appellate Authority
  - * Professor (Dr.) Niraj Bala as Nodal Officer-cum-CPIO
  - Associate Dean, (F &S)

# 10.2610.26 Consultancy Committee for advice on Suo-Motu Disclosure in reference to the Audit of Proactive Disclosures under RTI Act, 2005 as per Framework of Transparency Audit : Approved vide Office Order No. 101 dated 25.06.2024

- -

* Professor (Dr.) AB Gupta as Transparency Officer

- * Professor (Dr.) Pankaj Sharma as First Appellate Authority
- * Professor (Dr.) Niraj Bala as Nodal Officer-cum-CPIO
- Associate Dean, (F &S)

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