Curriculum Vitae

PERSONAL DETAILS:

Name and Current Designation	:	Rupesh Kumar Tipu Assistant Professor K. R. Mangalam University Sohna, Gurugram Haryana 122103
Mobile No.	:	+91-8802281783
E-Mail ID	:	tipu0003@gmail.com
Language		Hindi, English, Gujarati, Maithili
Total Teaching experience	:	10+ Years
Total Industrial experience	:	4+ Years (Including Structural Designing)
ORCID ID	:	https://orcid.org/0000-0001-8476-8364
ResearchGate	:	https://www.researchgate.net/profile/Rupesh-Kumar- Tipu?ev=hdr xprf
Google scholar	:	https://scholar.google.com/citations?user=uZzLU8IAAAAJ&hl=en&oi=ao
WoS	:	https://www.webofscience.com/wos/author/record/AFC-1290-2022

EDUCATIONAL QUALIFICATIONS:

• GATE-2017 (CE) Qualified

Sr. no	Degree	University	Result	Year of passing	Specialization
1	Ph. D. (Full-Time)	CHARUSAT University Anand, Gujarat	Awarded	2024	Structural Engineering (ML based Predictive Modelling)
2	M. Tech.	MDU, Rohtak	74.81 %	2016	Structural Engineering
3	B. Tech.	MDU, Rohtak	69.66%	2013	Civil Engineering

TITLE OF Ph. D.

> "DEVELOPMENT OF ARTIFICIAL INTELLIGENCE (AI) BASED PREDICTIVE MODEL AND COMPUTATIONAL OPTIMIZATION OF CONCRETE PROPERTIES".

PROFESSIONAL EXPERIENCE:

1. Academic Experience (Teaching)

Sr. no.	Organization	Positions held	From	То	Duration
1	K. R. Mangalam University, Gurugram, Haryana	Assistant Professor	15/02/2023	Till date	1+ Year
2	CHARUSAT University, Changa (Anand), Gujarat	Research Scholar cum Teaching Assistant	05/11/2019	31/12/2022	3 Years
3	BITS EDU CAMPUS Vadodara, Gujarat	Assistant Professor	04/08/2017	22/05/2019	1 Years, 9 Months
4	KJIT CAMPUS Savli (Vadodara), Gujarat	Assistant Professor	01/02/2016	03/08/2017	1 Years, 6 Months
5	DITMR Faridabad, Delhi- NCR	Lecturer	01/02/2013	01/06/2014	1 Years, 4 Months

2. Industry and Structural Designing Experience

Sr. no.	Organization	Positions held	From	То	Duration
1	CHARUSAT University, Changa (Anand), Gujarat	Structural Designer	05/11/2019	31/12/2022	03 Years
2	IVRCL LTD.	Internship	15/06/2013	30/07/2013	6 Weeks
3	AMRAPALI PRINCELY ESTATE PVT. LTD.	Internship	28/06/2011	12/08/2011	6 Weeks

AREA OF INTEREST:

- **Currently Teaching and Mentoring B. Tech. (CSE) and MCA students**
- > Subjects Taught/Teaching (CSE): Python Language, Natural Language Processing, Machine Learning, Deep Learning, Web programming using Python and JavaScript including HTML, CSS, SASS, Git, GitHub etc.
- **Subjects Taught/Teaching (Civil Engineering)**: Structural Design, Structural Analysis, Soil Mechanics, Transportation Engineering, Concrete Technology, and Surveying.
- **Civil engineering software skills**: Staad Pro, ETABS, AutoCAD, 3ds Max.
- Designed many buildings as structural design engineer.
- Corporate Member of The Institution of Engineers (India) [IEI]

SKILLS

- Python, Django
- ASP.NET Core
- MATLAB (Learning)
- JavaScript
- Node.js
- Angular.js
- HTML
- CSS
- Machine Learning
- Deep Learning
- Natural Language Processing
- Website Development (Full Stack)
- Conventional Optimization
- Computational Optimization: PSO, GA, MOPSO, NSGA
- Hyperparameters Optimization of ML models

Research Publications Summary									
Туре	Total Scopus SCIE								
Research Paper	15	11	4						
Book Chapter	3	2	NA						
Conference	3	2	1 (WoS)						
Book (International)	30	NA	NA						
Patent	5 (Published)								
Research Proposal	2	(Submitted)							

	Under Review								
Type Total									
Research Paper	9 SCIE, 1 Scopus								
Conference	9 Accepted in IEEE conference								

ADDITIONAL KEY RESPONSIBILITIES AT KRMU

- **MOODLE** (LMS) School coordinator
- NAAC Criteria 1 Head (School Level)
- Member of **Center of Excellence** (AI & Robotics)
- **Placement** coordinator (School Level)
- Mini-project coordinator 2nd Year Students (School Level)
- Coordinator of **Curriculum review committee** for Year 2024-24

PUBLICATIONS:

Sr.	Authors	Publication	Title	Publicatio	Volum	Numb	Pages	Yea	Publisher	Indexing/IF
No.		Туре		n	e	er		r		G.
1	Tipu, Rupesh Kumar; Panchal, VR; Pandya, KS;	Research Article	An ensemble approach to improve BPNN model precision for predicting compressive strength of high-performance concrete		45		500- 508	202	Elsevier	SCIE (Q2), Scopus IF – 4.1
2	Singh, Rupesh Kumar;	Research Article	Study of Soil Cement with Admixture Stabilization for Road Sub- Grade	Pan	16	1	98.7	201 7		NA
3	Tipu, Rupesh Kumar; Suman; Batra, Vandna;	Research Article	Development of a hybrid stacked machine learning model for predicting compressive strength of high- performance concrete	Civil Engineerin g	24	8	2985- 3000	202	Springer Internatio nal Publishing Cham	Scopus (Q3)

Tipu, Rupesh Kumar; Panchal, VR; Pandya, KS;	Research Article	Multi- objective optimized high-strength concrete mix design using a hybrid machine learning and metaheuristic algorithm	Asian Journal of Civil Engineerin g	24	3	849- 867	202	Springer	Scopus (Q3)
Tipu, Rupesh Kumar; Suman; Batra, Vandna;	Research Article	Enhancing prediction accuracy of workability and compressive strength of high-performance concrete through extended dataset and improved machine learning models	Asian Journal of Civil Engineerin g	25	1	197- 218	202 4	Springer Internatio nal Publishing Cham	Scopus (Q3)

6	Tipu, Rupesh Kumar; Panchal, VR; Pandya, KS;	Research Article	Enhancing chloride concentration prediction in marine concrete using conjugate gradient-optimized backpropagati on neural	Asian Journal of Civil Engineerin g	25	1	637- 656	202 4	Springer Internatio nal Publishing Cham	Scopus (Q3)
7	Tipu, Rupesh Kumar; Batra, Vandna; Suman; Panchal, VR; Pandya, KS;	Research Article	network Predictive modelling of surface chloride concentration in marine concrete structures: a comparative analysis of machine learning approaches	Asian Journal of Civil Engineerin g	25	2	1443- 1465	202 4	Springer Internatio nal Publishing Cham	Scopus (Q3)
8	Tipu, Rupesh Kumar; Batra, Vandna; Pandya, KS; Panchal, VR;	Research Article	Shear capacity prediction for FRCM-strengthened RC beams using Hybrid ReLU-Activated BPNN model	Structures	58		10543	202	Elsevier	SCIE (Q2), Scopus IF – 4.1

9	Kumar, Rahul; Rathore, Ayush; Singh, Rajwinde r; Mir, Ajaz Ahmad; Tipu, Rupesh Kumar; Patel, Mahesh;	Research Article	Prognosis of flow of fly ash and blast furnace slagbased concrete: leveraging advanced machine learning algorithms	Asian Journal of Civil Engineerin g		Jan-15	202	Springer Internatio nal Publishing Cham	Scopus (Q3)
10	Tipu, Rupesh Kumar; Batra, Vandna; Pandya, KS; Panchal, VR;	Research Article	Efficient compressive strength prediction of concrete incorporating recycled coarse aggregate using Newton's boosted backpropagati on neural network (NB- BPNN)	Structures	58	10555 9	202	Elsevier	SCIE (Q2), Scopus IF – 4.1
11	Tipu, Rupesh Kumar; Batra,	Research Article	Enhancing load capacity prediction of column using	Structures	58	10560 0	202	Elsevier	SCIE (Q2), Scopus IF – 4.1

	Vandna; Pandya, KS; Panchal, VR;		eReLU- activated BPNN model							
12	Tipu, Rupesh Kumar; Arora, Rishabh; Kumar, Kaushal;	Research Article	Machine learning- based prediction of concrete strength properties with coconut shell as partial aggregate replacement: A sustainable approach in construction engineering	Asian Journal of Civil Engineerin g	25	3	2979- 2992	202 4	Springer Internatio nal Publishing Cham	Scopus (Q3)
13	Tipu, Rupesh Kumar; Panchal, VR; Pandya, KS;	Research Article	Machine learning- based prediction of concrete strengths with coconut shell as partial coarse aggregate replacement: a comprehensiv e analysis and	Asian Journal of Civil Engineerin g			Jan-18	202 4	Springer	Scopus (Q3)

			sensitivity study						
14	Kumar, Kaushal; Arora, Rishabh; Tipu, Rupesh Kumar; Dixit, Saurav; Vatin, Nikolai; Arya, Sandeep;	Research Article	Influence of machine learning approaches for partial replacement of cement content through waste in construction sector	Journal of Civil Engineerin		Jan-13	202 4	Springer	Scopus (Q3)
15	Tipu, Rupesh Kumar; Batra, Vandna; Suman;	Research Article	Predictive modeling of shear strength in fiber- reinforced cementitious matrix- strengthened RC beams using machine learning	Asian Journal of Civil Engineerin g		01- Nov	202	Springer Internatio nal Publishing Cham	Scopus (Q3)

16	Tipu, Rupesh Kumar; Panchal, VR; Pandya, KS;	Conference	Prediction of concrete properties using machine learning algorithm	Journal of physics: conference series	2273	1	12016	202	IOP Publishing	Scopus
17	Agarwal, Rupanshi ; Pathak, Paresh; Tipu, Rupesh Kumar; Singh, Digvijay; Kalnawat , Aarti; Dhabliya, Dharmes h;	Conference	ANN-Based Scalable Video Encoding Method for Crime Surveillance- Intelligence of Things Applications	2023 Internatio nal Conference on Data Science and Network Security (ICDSNS)			01-Jul	202	IEEE	Scopus, WoS
18	Arora, Rishabh; Kumar, Kaushal; Dixit, Saurav; Tipu, Rupesh Kumar; Kaul, Padmini; Chauhan, Swati;	Conference	Parametric investigation of coconut shells as partial replacement of coarse aggregates in sustainable concrete	E3S Web of Conference s	430		1180	202	EDP Sciences	Scopus

	Raju, Y Kamala; Nijhawa n, Ginni; Haindavi, P;								
19	Tipu, Rupesh Kumar; Panchal, VR; Pandya, KS;	Book Chapter	Multi- objective optimization of the concrete mixture blended with mineral admixture using machine learning and NSGA-II algorithms	on Through Intelligent Technique s: Select Proceeding		165- 174	202	Springer Nature Singapore	Scopus
20	Raghav, Yogita Yashveer ; Tipu, Rupesh Kumar; Bhakhar, Ruchika; Gupta, Tanu; Sharma, Kriti;	Book Chapter	The Future of Digital Marketing: Leveraging Artificial Intelligence for Competitive Strategies and Tactics			249- 274	202	IGI Global	NA

21	Tipu,	Research	Optimizing	Asian			Springer	Scopus
	R.K.,	Article	compressive	Journal of			Nature	https://doi.org/10.1007/s4
	Batra, V.,		strength in	Civil				2107-024-01061-5
	Suman et		sustainable	Engineerin				
	al		concrete: a	g				
			machine					
			learning					
			approach with					
			iron waste					
			integration					

Sr. No.	Book Title	Authors	Publisher	ISBN	Year of Publicatio	Link
					n	https://www.morebooks.shop
		Dunaah	Lambert			/shop-ui/shop/book-launch-
	Predictive Modeling in Civil Engineering: An	Rupesh Kumar	Academic	978-620-		offer/ab1d81af71e31d441c1f5
1	Introduction			7-47289-5	2024	d7922f7533993515117
1	Introduction	Tipu	Publishing	7-47289-5	2024	
		Donnal	I ambant			https://www.morebooks.shop
	Data late and Assessment of the Control of the Cont	Rupesh	Lambert	070 (20		/shop-ui/shop/book-launch-
	Data-driven Approaches in Civil Engineering	Kumar	Academic	978-620-	2024	offer/6f9d4df04df950c4122c3
2	Predictions	Tipu	Publishing	7-47309-0	2024	8df7eb2d8105eeca232
						https://www.morebooks.shop
		Rupesh	Lambert	0.70 (00		/shop-ui/shop/book-launch-
_	Python Essentials: A Compact Guide for	Kumar	Academic	978-620-		offer/4eb594ccd5bf718a26f1f
3	Practitioners	Tipu	Publishing	7-47345-8	2024	<u>bca953d01eef571b6fd</u>
						https://www.morebooks.shop
		Rupesh	Lambert			/shop-ui/shop/book-launch-
	Scikit-Learn Mastery: Hands-On Machine	Kumar	Academic	978-620-		offer/4985e98f74b11f1c7b136
4	Learning	Tipu	Publishing	7-47348-9	2024	<u>c1b01e6869f42a23a02</u>
						https://www.morebooks.shop
		Rupesh	Lambert			/shop-ui/shop/book-launch-
	TensorFlow Workshop: Deep Learning in	Kumar	Academic	978-620-		offer/97e42ea056e010011e2d
5	Action	Tipu	Publishing	7-47349-6	2024	4b263dc046e7270d6ece
						https://www.morebooks.shop
		Rupesh	Lambert			/shop-ui/shop/book-launch-
	Web Development Simplified: Django	Kumar	Academic	978-620-		offer/14b1c77671497756417e
6	Essentials	Tipu	Publishing	7-47350-2	2024	089df52b3a30694a63bb
						https://www.morebooks.shop
		Rupesh	Lambert			/shop-ui/shop/book-launch-
	Web Design Essentials:Crafting Beautiful	Kumar	Academic	978-620-		offer/8b4d682195be8c5f1341
7	Experiences with HTML, CSS, & JavaScript	Tipu	Publishing	7-47408-0	2024	0d143b6fefb50491f3ad
		Rupesh	Lambert			https://www.morebooks.shop
	Efficient Coding with Python: Mastering	Kumar	Academic	978-620-		/shop-ui/shop/book-launch-
8	Optimization Techniques	Tipu	Publishing	7-47409-7	2024	, , , , , , , , , , , , , , , , , , , ,

						offer/bd23770dd3ff296fe64c9
						0e3634dd1af51d7f57b
						https://www.morebooks.shop
		Rupesh	Lambert			/shop-ui/shop/book-launch-
	Full-Stack Foundations: Django and JavaScript	Kumar	Academic	978-620-		offer/0b55deafef94e84db8a5f
9	Integration	Tipu	Publishing	7-47410-3	2024	16dd573fb547971e308
						https://www.morebooks.shop
		Rupesh	Lambert			/shop-ui/shop/book-launch-
	Python and NLP: Building Intelligent	Kumar	Academic	978-620-		offer/89a3eeeac85dbbf3e22cd
10	Applications	Tipu	Publishing	7-47466-0	2024	0282f9e5ed214a64c3e
						https://www.morebooks.shop
		Rupesh	Lambert			/shop-ui/shop/book-launch-
	The Art of Lightweight Programming:	Kumar	Academic	978-620-		offer/7463309c77f380697e15
11	Streamlined Web Development	Tipu	Publishing	7-47467-7	2024	<u>1eaf3ec2e6a0cd9d2d4b</u>
						https://www.morebooks.shop
		Rupesh	Lambert			/shop-ui/shop/book-launch-
	Practical Python AI: From Basics to Advanced	Kumar	Academic	978-620-		offer/66c601cf3f41847106217
12	NLP Techniques	Tipu	Publishing	7-47468-4	2024	<u>57449d340bda0141663</u>
						https://www.morebooks.shop
		Rupesh	Lambert			/shop-ui/shop/book-launch-
	Python at the Core: Machine Learning &	Kumar	Academic	978-620-		offer/449faa74dfa151338772e
13	Beyond	Tipu	Publishing	7-47469-1	2024	a9d61e7b2dfe8e78cba
						https://www.morebooks.shop
		Rupesh	Lambert			/shop-ui/shop/book-launch-
		Kumar	Academic	978-620-		offer/eff92607daaee5804ce61
14	Optimizing Neural Networks with Python	Tipu	Publishing	7-47470-7	2024	<u>15718d1643fa99864d6</u>
						https://www.morebooks.shop
		Rupesh	Lambert			/shop-ui/shop/book-launch-
	Intelligent Web Development: Merging NLP &	Kumar	Academic	978-620-		offer/039cae320b395c8f8668
15	Machine Learning	Tipu	Publishing	7-47473-8	2024	8765d224a0a8ff031116
						https://www.morebooks.shop
		Rupesh	Lambert			/shop-ui/shop/book-launch-
	C++ Mastery: Unleashing the Power of	Kumar	Academic	978-620-		offer/5454c3bcb89b75a1c85c
16	Modern Programming	Tipu	Publishing	7-47538-4	2024	ed55f6df975f99ad0664

			1			letter a / /arminum anala a alan alan a
		D 1				https://www.morebooks.shop
		Rupesh	Lambert			/shop-ui/shop/book-launch-
	JavaScript Essentials: From Basics to ES6 and	Kumar	Academic	978-620-		offer/1a6e4dc9f2afa4514d306
17	Beyond	Tipu	Publishing	7-47541-4	2024	<u>1f48654fb1fcd286d1c</u>
						https://www.morebooks.shop
		Rupesh	Lambert			/shop-ui/shop/book-launch-
	Elegant HTML: Crafting Structured Web	Kumar	Academic	978-620-		offer/65bf249f7664ca5d1c7ae
18	Content	Tipu	Publishing	7-47542-1	2024	d7c7392d4b0e41aa1b2
		•				https://www.morebooks.shop
		Rupesh	Lambert			/shop-ui/shop/book-launch-
	CSS Artistry: A Visual Guide to Innovative	Kumar	Academic	978-620-		offer/102c5df90954e421085a
19	Design	Tipu	Publishing	7-47543-8	2024	2527044214014b9569cc
			1	1 11010		https://www.morebooks.shop
		Rupesh	Lambert			/shop-ui/shop/book-launch-
	The Android Architect: Building Cutting-Edge	Kumar	Academic	978-620-		offer/f570555b2d412b0ba2e0
20	Apps	Tipu	Publishing	7-47544-5	2024	c3b613f70f0f8446056b
	Tippo	При	1 dononing	7 170110	2021	https://www.morebooks.shop
		Rupesh	Lambert			/shop-ui/shop/book-launch-
	C++ Concurrency in Action: Real-World	Kumar	Academic	978-620-		offer/72bea33e2197a63929b6
21	Multithreading	Tipu	Publishing	7-47545-2	2024	d7455dae3943edee6fa4
21	Multitilileauling	При	Fublishing	7-4/343-2	2024	
		Decreasely	Lambert			https://www.morebooks.shop
	L. C. C. C. France and F. Alexandra Acceptance	Rupesh		070 (20		/shop-ui/shop/book-launch-
	JavaScript Frameworks Explored: Angular,	Kumar	Academic	978-620-	2024	offer/57f1ca15802bf35e5a5d3
22	React, and Vue	Tipu	Publishing	7-47592-6	2024	31b8ce5e0640abe6d6b
		_ ,				https://www.morebooks.shop
		Rupesh	Lambert			/shop-ui/shop/book-launch-
	Responsive Web Design with HTML5 and	Kumar	Academic	978-620-		offer/d6cd09e78d0580541028
23	CSS3	Tipu	Publishing	7-47593-3	2024	23cdc5fc33ff170eef6e
						https://www.morebooks.shop
		Rupesh	Lambert			/shop-ui/shop/book-launch-
	Advanced Android Patterns: Optimizing Apps	Kumar	Academic	978-620-		offer/9a8ae27b0b57f47f81f16
24	for Performance	Tipu	Publishing	7-47594-0	2024	a6de2376297aaf57863

						https://www.morebooks.shop
		Rupesh	Lambert			/shop-ui/shop/book-launch-
	The Essence of C++: A Deep Dive into Object-	Kumar	Academic	978-620-		offer/f475bf4b3c362444863f1
25	Oriented Programming	Tipu	Publishing	7-47595-7	2024	2227dbda0547d98be7d
						https://www.morebooks.shop
		Rupesh	Lambert			/shop-ui/shop/book-launch-
	Large Language Models Unveiled:	Kumar	Academic	978-620-		offer/d4ee643f87b1539c5a9ce
26	Development and Deployment Strategies	Tipu	Publishing	7-47597-1	2024	<u>7bcdfffbf13cb7f9260</u>
						https://www.morebooks.shop
		Rupesh	Lambert			/shop-ui/shop/book-launch-
	Node.js In-Depth: Building Scalable Web	Kumar	Academic	978-620-		offer/f8c8ea2eb0aa4c1f94115
27	Applications	Tipu	Publishing	7-47599-5	2024	499725e96a0c5f147ec
						https://www.morebooks.shop
		Rupesh	Lambert			/shop-ui/shop/book-launch-
	React.js Essentials: A Modern Front-End	Kumar	Academic	978-620-		offer/ec4977e203b58daea648
28	Developer's Guide	Tipu	Publishing	7-47603-9	2024	20dd5670f89a1ae0d193
						https://www.morebooks.shop
		Rupesh	Lambert			/shop-ui/shop/book-launch-
	Full-Stack JavaScript Development: Mastering	Kumar	Academic	978-620-		offer/ff00f83a088228a9d436b
29	Node.js and React.js	Tipu	Publishing	7-47607-7	2024	<u>e910c28aed4704ea475</u>
						https://www.morebooks.shop
		Rupesh	Lambert			/shop-ui/shop/book-launch-
	Advanced Patterns in Node.js and React.js:	Kumar	Academic	978-620-		offer/4b8818fa3a8b66a4975a
30	Crafting Enterprise-Level Applications	Tipu	Publishing	7-47636-7	2024	<u>3e1d7b6d307157bf84e4</u>

Patent Publications

Sr.	Patent Title	Inventors	Country	Application	Publication	Туре
No.	r atent ritte	inventors	Country	Number	Date	Турс
	SMARTPREDICT:					
	CONCRETE					
	STRENGTH	Rupesh				
	ESTIMATION VIA	Kumar				
1	MACHINE LEARNING	Tipu	India	202411014830	08-03-2024	Published
	MACHINE					
	LEARNING-BASED					
	GUIFOR					
	ESTIMATING THE					
	STRENGTH OF	D la				
	RECYCLED AGGREGATE	Rupesh Kumar				
2	CONCRETE	Tipu	India	202411011153	23-02-2024	Published
	INNOVATIVE GUI-	При	IIIuIa	202411011133	23-02-2024	Publisheu
	BASED APPROACH					
	FOR PREDICTING					
	FLOW AND					
	COMPRESSIVE					
	STRENGTH IN HIGH-	Rupesh				
	PERFORMANCE	Kumar				
3	CONCRETE	Tipu	India	202411007500	16-02-2024	Published
	INTELLIGENT					
	PREDICTIVE SYSTEM					
	AND USER					
	INTERFACE FOR					
	HIGHPERFORMANC					
	E CONCRETE					
	COMPRESSIVE	Rupesh				
	STRENGTH	Kumar				
4	ASSESSMENT	Tipu	India	202411007359	02-02-2024	Published
	Machine Learning-					
	Enhanced Graphical	D				
	Interface for	Rupesh				
F	Optimized Concrete	Kumar	India	202411010604	16 02 2024	Dubliched
5	Mix Design	Tipu	เมนเส	202411019684	16-03-2024	Published

DISSERTATIONS GUIDED

➤ M. Tech: 01

Sr.	Name of	Title of M. TECH. Dissertation	Passing
no.	student		Year
1	VIHAN NITIN SHAH	Development of Machine learning based Predictive model for the workability of concrete	2023
2	SAMRATH SHAH	Machine learning model development for composite column capacity prediction	2023

MAJOR ATTENDED CONFERENCE/WORKSHOP/STTP/FDP IN INDIA

Sr. no.	Name of Conference/Workshop/STTP	Venue	Date and year
1	Bootcamp on Drone Technology, conducted by the Centre for Artificial Intelligence & Robotics, IIT Mandi, and was funded by the Ministry of Electronics and Information Technology (MeitY), Government of India, under the project entitled "Capacity Building for Human Resource Development in Unmanned Aircraft System (Drone and Related Technology)	IIT Mandi	25 to December 30, 2023
2	International conference on computer communication and informatics (ICCCI)	(Online) SHRI SHAKTHI INSTITUTE OF ENGINEERING AND TECHNOLOGY	29 to January 31, 2024
3	International conference on computer communication and informatics (ICCCI)	(Online) SHRI SHAKTHI INSTITUTE OF ENGINEERING AND TECHNOLOGY	29 to January 31, 2024
4	One-Week Online National Faculty Development Programme on "MOOCs and e-Content Development"	(Online) K. R. Mangalam University Gurugram	29th April to 5th May 2023.
5	Conference: "Advanced Engineering Optimization Through Intelligent Techniques" organized by SVNIT, Surat.	(Online) SVNIT Surat	January 28- 30, 2022
6	Conference: "International Conference on Application of Intelligent Computing in Engineering and Science" organized by NIT, Raipur.	(Online) NIT Raipr	Feb. 12-13, 2022
7	Expert Lecture: ""Cleaner Energy and Carbon- Capture, Utilization, Sequestration "and "Funding Opportunities for Researchers"" Organized by CHAURSAT	CHARUSAT University Anand	Oct. 11, 2022
8	STTP: "Future of Machine Learning & Deep Learning for HealthCare Analytics" GUJCOST Sponsored	CHARUSAT University Anand	October 17-21, 2022
9	Workshop: "Energy Asset Management in Rural and Urban Areas" by "Centre for Rural-Urban Dynamics" at IRMA	IRMA Anand	December 12, 2022

CERTIFICATION COURSE

Sr. no.	Name of the Course	Organizer	Status
1	IBM Data Science Professional Certificate	Coursera	Completed
2	Basic Certificate Course in Artificial Intelligence	Team FutureSkills PRIME AI C-DAC Pune	Completed