Dr.Ambedkar Institute of Technology, Bengaluru-56 Name of the Research Centre: Department of Civil Engineering



List of Ph.D. Pursuing

Ph.D. Pursuing: 2019

Sl No	Name of the Student	USN	Gender	Year of Regist ration	Full Time- FT/Part time-PT	Title of the Research	Name of the Research Supervisor/Co- Supervisor	Name of the Unive rsity	Link: Approved letter
01	Tejaswini B R	1DA18PCV01	Female	2017	Part-time	A Study on the performance of footing resting on reinforced manufactured Sand Beds	Dr. S Vijaya	VTU	https://drive.goo gle.com/drive/fol ders/1ncs7hyqXs YOsayr6CwqFB YP_gUnkBErU? usp=share_link
02	Anitha B. H	1BM16PCJ14	Female	2016	Part-time	Evaluation of ground water quality due to climate changes using neural networks	Dr. C Nanjundaswamy	VTU	https://drive.goo gle.com/drive/fol ders/1ncs7hyqXs YOsayr6CwqFB YP_gUnkBErU? usp=share_link
03	Geetha K	1DA16PCJ03	Female	2016	Part Time	Investigation on behaviour of reinforced geo-polymer concrete beam with nano silica under static load and impact load	Dr. S Vijaya	VTU	https://drive.goo gle.com/drive/fol ders/1ncs7hyqXs YOsayr6CwqFB YP_gUnkBErU? usp=share_link
04	Arun Kumar H R	1DA16PCJ02	Male	2019	Part Time	Study on polypropylene Fiber Reinforced with high Volume Mineral Admixture under static and impact Loading	Dr. S Vijaya	VTU	https://drive.goo gle.com/drive/fol ders/1ncs7hyqXs YOsayr6CwqFB YP_gUnkBErU? usp=share_link

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Dr.Ambedkar Institute of Technology, Bengaluru-56 Name of the Research Centre: Department of Civil Engineering

05	Kuruba Chandrapr akash	1DA19PCV01	Male	2019	Part-Time	Advanced Optimization technique for identifying and rectifying submarine slope instability in deep water pipelines	Dr. S D Venkataraja Mohan	VTU	https://drive.goo gle.com/drive/fol ders/1ncs7hyqXs YOsayr6CwqFB YP_gUnkBErU? usp=share_link
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Ph.D. Pursuing: 2020

Sl No	Name of the Student	USN	Gender	Year of Regist ration	Full Time- FT/Part time-PT	Title of the Research	Name of the Research Supervisor/Co- Supervisor	Name of the Univers ity	Link: Approved letter
01	Tejaswini B R	1DA18PCV01	Female	2017	Part-time	A Study on the performance of footing resting on reinforced manufactured Sand Beds	Dr. S Vijaya	VTU	https://drive.go ogle.com/drive/ folders/1ncs7hy qXsYOsayr6C wqFBYP_gUn kBErU?usp=sh are_link
02	Anitha B. H	1BM16PCJ14	Female	2016	Part-time	Evaluation of ground water quality due to climate changes using neural networks	Dr. C Nanjundaswamy	VTU	https://drive.go ogle.com/drive/ folders/1ncs7hy qXsYOsayr6C wqFBYP_gUn kBErU?usp=sh are_link
03	Geetha K	1DA16PCJ03	Female	2016	Part Time	Investigation on behaviour of reinforced geo-polymer concrete beam with nano silica	Dr. S Vijaya	VTU	https://drive.go ogle.com/drive/ folders/1ncs7hy qXsYOsayr6C wqFBYP_gUn

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Department of civil Engineering
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Dr. Ambedkar Institute of Technology, Bengaluru-56 Name of the Research Centre: Department of Civil Engineering

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04	Arun Kumar H R	1DA16PCJ02	Male	2019	Part Time	Study on polypropylene Fiber Reinforced with high Volume Mineral Admixture under static and impact Loading	Dr. S Vijaya	VTU	https://drive.go ogle.com/drive/ folders/1ncs7hy qXsYOsayr6C wqFBYP_gUn kBErU?usp=sh are_link
05	Kuruba Chandrapr akash	1DA19PCV01	Male	2019	Part-Time	Advanced Optimization technique for identifying and rectifying submarine slope instability in deep water pipelines	Dr. S D Venkataraja Mohan	VTU	https://drive.go ogle.com/drive/ folders/1ncs7hy qXsYOsayr6C wqFBYP_gUn kBErU?usp=sh are_link

Ph.D. Pursuing: 2021

S1 No	Name of the Student	USN	Gender	Year of Registr ation	Full Time- FT/Part time-PT	Title of the Research	Name of the Research Supervisor/Co- Supervisor	Name of the Universit	Link: Approved letter
01	Anitha B. H	1BM16PCJ14	Female	2016	Part-time	Evaluation of ground water quality due to climate changes using neural networks	Dr. C Nanjundaswa my	VTU	https://drive.go ogle.com/drive/ folders/1ncs7hy qXsYOsayr6C wqFBYP_gUn kBErU?usp=sh are_link
02	Tejaswini B R	1DA18PCV01	Female	2017	Part-time	A Study on the performance of footing	Dr. S Vijaya	VTU	https://drive.go ogle.com/drive/

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Dr. Ambedkar Institute of Technology, Bengaluru-56 Name of the Research Centre: Department of Civil Engineering

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03	Geetha K	1DA16PCJ03	Female	2016	Part Time	Investigation on behaviour of reinforced geo-polymer concrete beam with nano silica under static load and impact load	Dr. S Vijaya	VTU	https://drive.go ogle.com/drive/ folders/1ncs7hy qXsYOsayr6C wqFBYP_gUn kBErU?usp=sh are_link
04	Arun Kumar H R	1DA16PCJ02	Male	2019	Part Time	Study on polypropylene Fiber Reinforced with high Volume Mineral Admixture under static and impact Loading	Dr. S Vijaya	VTU	https://drive.go ogle.com/drive/ folders/1ncs7hy qXsYOsayr6C wqFBYP_gUn kBErU?usp=sh are_link
05	Kuruba Chandrapr akash	1DA19PCV01	Male	2019	Part-Time	Advanced Optimization technique for identifying and rectifying submarine slope instability in deep water pipelines	Dr. S D Venkataraja Mohan	VTU	https://drive.go ogle.com/drive/ folders/1ncs7hy qXsYOsayr6C wqFBYP_gUn kBErU?usp=sh are_link

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Dr.Ambedkar Institute of Technology, Bengaluru-56 Name of the Research Centre: Department of Civil Engineering

Ph.D. Pursuing: 2022

S1 No	Name of the Student	USN	Gender	Year of Regist ration	Full Time- FT/Part time-PT	Title of the Research	Name of the Research Supervisor/C o-Supervisor	Name of the University	Link: Approved letter
01	Tejaswini B R	1DA18PCV0	Female	2017	Part-time	A Study on the performance of footing resting on reinforced manufactured Sand Beds	Dr. S Vijaya	VTU	https://drive.go ogle.com/drive/ folders/1ncs7hy qXsYOsayr6C wqFBYP_gUn kBErU?usp=sh are link
02 2044	Anitha B. H	1BM16PCJ1 4	Female	2016	Part-time	Evaluation of ground water quality due to climate changes using neural networks	Dr. C Nanjundaswa my	VTU	https://drive.go ogle.com/drive/ folders/1ncs7hy qXsYOsayr6C wqFBYP_gUn kBErU?usp=sh are link
03	Geetha K	1DA16PCJ03	Female	2016	Part Time	Investigation on behaviour of reinforced geo- polymer concrete beam with nano silica under static load and impact load	Dr. S Vijaya	VTU	https://drive.go ogle.com/drive/ folders/1ncs7hy qXsYOsayr6C wqFBYP_gUn kBErU?usp=sh are_link
04	Arun Kumar H R	1DA16PCJ02	Male	2019	Part Time	Study on polypropylene Fiber Reinforced with high Volume Mineral Admixture under	Dr. S Vijaya	VTU	https://drive.go ogle.com/drive/ folders/1ncs7hy qXsYOsayr6C wqFBYP_gUn

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Professor and Head
Department of civil Engineering
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Dr. Ambedkar Institute of Technology, Bengaluru-56 Name of the Research Centre: Department of Civil Engineering

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05	Kuruba Chandraprak ash	1DA19PCV0	Male	2019	Part-Time	Advanced Optimization technique for identifying and rectifying submarine slope instability in deep water pipelines	Dr. S D Venkataraja Mohan	VTU	https://drive.go ogle.com/drive/ folders/1ncs7hy qXsYOsayr6C wqFBYP_gUn kBErU?usp=sh are_link

Sl No		No of PhD Pursuing(Numbers only)									
	2019	2020	2021	2022							
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Total Number of PhD Pursuing up to 2022: 05 Total Number of Ph.D. Pursuing from 2019 to 2022: 05

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Decartment of civil Engineering

Decartment of Institute of Technology

Bangalore 560 056

Research Facilities created/available:

- 1. Geotechnical Engineering Laboratory
- 2. AutoCAD Laboratory
- 3. Environmental Engineering Laboratory
- 4. Concrete Material Testing Laboratory
- 5. Structural Engineering Laboratory
- 6. Highway Engineering Laboratory

Contact Person: Research Facility:

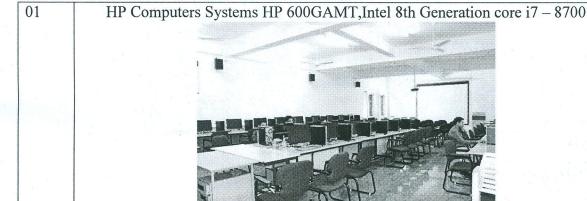
HOD, Civil Eng. Dept.

Description:

Files with Photos

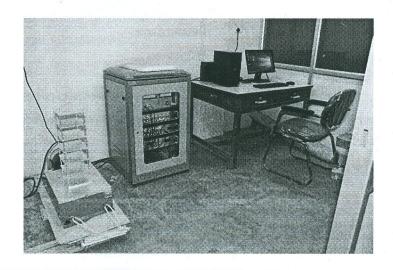
Photo Description

List of Major Equipment (Photos with cost)(> 5 Lakhs)



02

Shake Table with power amplifier, exciter

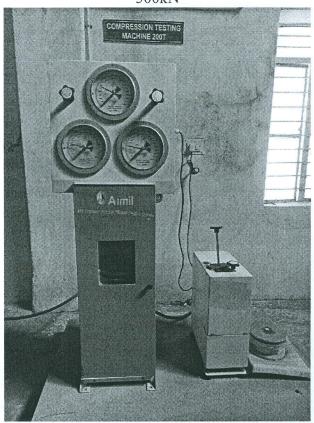


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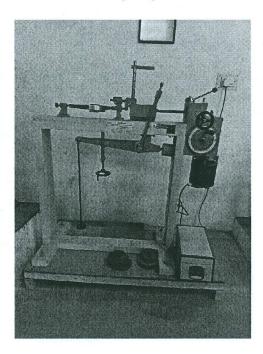
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List of Minor Equipment with cost(<5 Lakhs)

01 2000kN Compression Testing Machine, with three gauges of 2000kN, 1000kN and 500kN



Direct Shear Apparatus 2kN, with Dial Gauges 02 No's and Compression tension Proving ring 2kN



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03	Barnaul's Theorem Apparatus	Deportment of divil Engineering Deportment of divil Engineering States of Technology (Arthred death Institute of Technology)
04	Laboratory Permeameter Apparatus	
	THE SECUL PROPERTY TO THE PROP	Faceumpoir Gordi
05	Over Head Tank made of steel approx 37, 50cm dia X 01 Mtr high 110 lit capacity	Virginal on 13/2/13 (7)



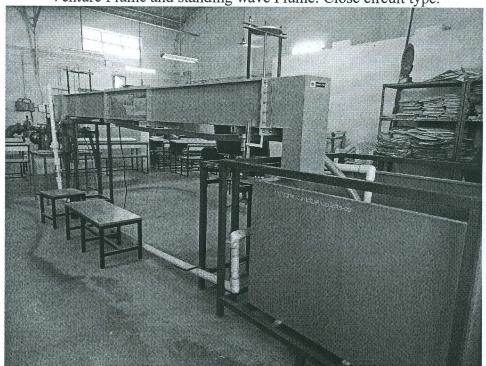
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07

Venture Flume and standing wave Flume: Close circuit type.



Armbedkar Institute of Technology Sandalore - 560 055

Services offered;

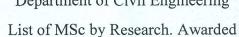
Faculties offered to oversee the research activities:

Achievements:

Major Grants received:

Major MOU signed: International Collaborators:





MSc by Research awarded: 2019

Sl	Name of the	USN	Name of the Research	Title of the Thesis	Name of the	Date of	Link:
No	Student		Supervisor/Co-		University	Completion of the	Abstract of
			Supervisor		4	MSc by Research	the Thesis
1	Srinivasa C K	1DA11MCN01	Dr. C. Nanjundaswamy	Evaluation of Carbon Foot print of an Automobile Industry	VTU	14-06-2019	_

MSc by Research awarded: 2020

Sl	Name of the	USN	Name of the Research	Title of the	Name of the	Date of Completion of the	Link: Abstract of
No	Student		Supervisor/Co-Supervisor	Thesis	University	MSc by Research	the Thesis
Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil

MSc by Research awarded: 2021

Sl	Name of the	USN	Name of the Research	Title of the	Name of the	Date of Completion of the	Link: Abstract of
No	Student	2	Supervisor/Co-Supervisor	Thesis	University	MSc by Research	the Thesis
Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil

MSc by Research awarded: 2022

Sl	Name of the	USN	Name of the Research	Title of the	Name of the	Date of Completion of the	Link: Abstract of
No	Student		Supervisor/Co-Supervisor	Thesis	University	MSc by Research	the Thesis
Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil

Total Number of MSc by Research awarded up to 2018: 00

Total Nuber of MSc by Research awarded up to 2022: 01

Total Number of MSc by Research Awarded from 2019 to 2022: 01

Verified on 13/2/23 (v raeaman nad)
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Department of civil Engineering i Airecedkar Institute of Technolog Bangalore - 560 056





List of Ph.D. awarded

Ph.D. awarded:2019

SI	Name of the	USN	Gender	Year of	Full	Title of the	Name of the	Name of	Date	Link: Abstract
N	Student			Registr	Time-	Thesis	Research	the	of	of the Thesis
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2	Neethu Urs B	1DA10PCN01	Female	2010	Part	Strength of	Dr. M N Hegde	VTU	2018	Nil
	A		771	2	Time	Structures		#	2018	
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2	D. Cymalda	1D 4 10DCN102	Famala	2010	Part	Energy in	Dr. M N Hegde	VTU	03-1-	Nil
3	B. Surekha	1DA10PCN02	Female	2010	Time	Construction	DI. WI IN Hegue	V 1 0	2019	1 111

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Department of civil Engineering : Armbedkar Institute of Technolog Bangalore - 560 056

Dr.Ambedkar Institute of Technology, Bengaluru-56 Name of the Research Centre: Civil Engineering

			v v		T.	and Maintenance of Buildings				
4	Siddesha H	1DA11PCM01	Male	2011	Part Time	Assessment of Global Response of Structures from Local Damage	Dr. M N Hegde	VTU	07-3- 2019	Nil

Ph.D. awarded:2020

Sl	Name of	USN	Gender	Year of	Full	Title of the	Name of the	Name of	Date of	Link:
No	the			Registration	Time-	Thesis	Research	the	Completion	Abstract
	Student			7 7 7 18 4	FT/Part	8 8 8 87	Supervisor/Co-	University	of the PhD	of the
	77	-	a.		time-PT		Supervisor	-pan-s s **		Thesis
01	Prakruthi	1DA13PCN01	Female	2013	Part	Damage	Dr. M N Hegde	VTU	29-12-2020	
	Gowd				Time	Detection in	H 4 6 7	20 E	77 H	
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Ph.D. awarded:2021

Sl	Name of	USN	Gender	Year of	Full Time-	Title of	Name of the	Name of the	Date of	Link:
No	the	F		Registration	FT/Part	the	Research	University	Completion of	Abstract of
	Student				time-PT	Thesis	Supervisor/Co-		the PhD	the Thesis
							Supervisor	8 9		
Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil

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Dr. Ambedkar Institute of Technology, Bengaluru-56 Name of the Research Centre: Civil Engineering

Ph D awarded: 2022

1 11.1	J. awarucu.	2022								
S	Name of	USN	Gender	Year of	Full Time-	Title of the Thesis	Name of the	Name	Date of	Link: Abstract
1	the			Registr	FT/Part		Research	of the	Completion	of the Thesis
N	Student			ation	time-PT		Supervisor/Co-	Univers	of the PhD	
0							Supervisor	ity	A	
1	Radhika	CV15F	Female	2015	Full Time	Numerical analysis	BR	NITK	15-10-2022	https://drive.go
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2	Hemanth	CV16F	Male	2016	Full Time	Effect of working	Dr. Suresha S	NITK	15-10-2022	https://drive.go
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Sl No		No of PhD awarded	(Numbers only)	
	2019	2020	2021	2022
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Department of civil Engineering

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Total Number of PhD awarded up to 2018:1 Total Nuber of PhD awarded up to 2022:07 Totla Number of Ph.D Awarded from 2019 to 2022:07

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Research Areas:

- 1. Water Resources Engineering
- 2. Environmental Engineering
- 3. Geotechnical Engineering
- 4. Structural Engineering
- 5. Transportation Engineering
- 6. Concrete Technology

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Dr. Ambedkar Institute of Technology, Bengaluru-56 Department of Electrical and Electronics Engineering

Grants

On-Going Research Project Details: 2019

		arch Project	T				_				
Sl	Name	Name of	Title of	Scheme	Name of	Type of	Project	Total	Sanctioned	Durati	Link
No	of the	the Co-	the		the	the	Sanctioned	amount	Order No.	on in	e
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On-Going Research Project Details: 2020

Sl	Name of	Name of	Title of	Sche	Name of	Type of the	Project	Total	Sanctioned	Durati	Link
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	Principal	Principal	Research		Funding	agency(Gov	date	sanctione		Years	, ,
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Dr. Ambedkar Institute of Technology, Bengaluru-56 Department of Electrical and Electronics Engineering

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On-Going Research Project Details: 2021

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Sl	Name of	Name of	Title of	Sche	Name	Type of the	Project	Total	Sanctioned	Durati	Link
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	Principal	Principal	Research		Fundin	agency(Gov	date	sanctione	100,000	Years	6 1
	Investigat	Investiga	Project		g	t/Non-Govt		d in Rs		1,	
	or	tor			agency						
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On-Going Research Project Details: 2022

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Sl	Name of	Name of	Title of	Scheme	Name	Type of the	Project	Total	Sanctioned	Duration	Link
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							date		1		

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Department of civil Engineering
Andredkar Institute of Technology
Bangatina - 560 (36)

Dr. Ambedkar Institute of Technology, Bengaluru-56 Department of Electrical and Electronics Engineering

	Principal Investigator	Principal Investigator	Research Project		Funding agency	agency(Govt/Non-Govt		sanctioned in Rs			÷
Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil

Completed Research Project Details: 2019

SI	Name of	Name of	Title of	Scheme	Name	Type of the	Project	Total	Sanctioned	Duration	Link
No	the	the Co-	the	2	of the	funding	Sanctioned	amount	Order No.	in Years	
	Principal	Principal	Research		Funding	agency(Govt/Non-	date	sanctioned			,
	Investigator	Investigator	Project		agency	Govt		in Rs			
Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil

Completed Research Project Details: 2020

Comp	reted researer	i i loject Detai	15. 2020								
Sl	Name of	Name of	Title of	Scheme	Name	Type of the	Project	Total	Sanctioned	Duration	Link
No	the	the Co-	the	. The gard	of the	funding	Sanctioned	amount	Order No.	in Years	
	Principal	Principal	Research	- 2 7 2 2 1 7 9	Funding	agency(Govt/Non-	date	sanctioned			
g process	Investigator	Investigator	Project		agency	Govt	ser en Artifonado	in Rs	a = .ee.	44 Q44 0	
Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil

Completed Research Project Details: 2021

Sl	Name of the	Name of	Title of	Scheme	Name	Type of the	Project	Total	Sanctioned	Duration	Link
No	Principal	the Co-	the	3	of the	funding	Sanctioned	amount	Order No.	in Years	
	Investigator	Principal	Research		Funding	agency(Govt/Non-	date	sanctioned			
		Investigator	Project		agency	Govt		in Rs	B P		
Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil

Completed Research Project Details: 2022

 Comp	reted research	i i i oject Detai	15. 2022								
Sl	Name of	Name of	Title of	Scheme	Name	Type of the	Project	Total	Sanctioned	Duration	Link
No	the	the Co-	the		of the	funding	Sanctioned	amount	Order No.	in Years	
	Principal	Principal	Research		Funding	agency(Govt/Non-	date	sanctioned		1 6	
	Investigator	Investigator	Project	5 V	agency	Govt		in Rs			
Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil

Verified en 13/2/23 (Frauligar, Nand)

Professor and Head Department of civil Engineering Ambedkar Institute of Tachnologs Bangalore - 560 036



Research Faculty details.

#	Name of the Research	Designation	Specialization	M.Tech		PhD	Year of	Year of	Is the
	Supervisor		1	Awarded	Year	Awarded	Award	Recognition	faculty still
		g n	<i>a</i>	University	of	University		as a guide	serving in
	,				Award				the
								* * *	institution/if
			=						not last year
				a 12					of service
									of the
			- 6					-	faculty in
	-9					81			the
									institution
01	Dr. S. Vijaya	PROFESSOR	Geotechnical	UVCE	1996	UVCE	2010	2011	Yes
			Engineering						
02	Dr. C. Nanjundaswamy	PROFESSOR	Environmental	IIT Bambay	1992	University	2000	2001	Yes
		9	Engineering	200		of Roorkee			
03	Dr.S.D.VENKATARAJA	PROFESSOR	Environmental	UVCE	1995	UVCE	2011	2012	Yes
	MOHAN	* × * + *	Engineering			-			500
04	Dr. M.N. Hegde	PROFESSOR	Structural	UVCE	1991	IISc.	2009	2010	Yes
			Engineering	*	1 2	xx.z	L.		

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Professor and Head Department of civil Engineering Bangalore - 560 056



CV Research Guides

#	Name of the Research	Designation	Specialization	M.Tech	Year of	PhD Awarded	Year of	Year of	Is the faculty still
	Supervisor		The lates of the l	Awarded	Award	University	Award	Recognitio	serving in the
				University		<i>y</i> -		n as a	institution/if not
			2					guide	last year of
				6.	N 2				service of the
			A	,					faculty in the
		N est					in the second second		institution
2	Dr. S. Vijaya	PROFESSOR	Geo-Technical Engg.	UVCE	1996	UVCE	2010	2011	Yes
1	Dr. C. Nanjundaswamy	PROFESSOR	Environmental Engineering	IITB	1992	IIT Roorkee	2000	2001	Yes
3	Dr.S.D.Venkataraj Mohan	PROFESSOR	Environmental Engineering	UVCE	1995	UVCE	2011	2012	Yes
4	Dr. M N Hegde	Professor	Structural Engineering	UVCE	1991	IISc.	2009	2010	Yes

Virified on 13/4/23 (1) Raralipan Mand

Professor and Head Department of civil Engineering Bangalura - 550 086

International Journals

Faculty Publications: 2019

Sl.No	Name of the	USN	Title of	Research	Date of	PP	Vol.NO	Issue	Year	Link
	Faculty/Name		the Paper	description	Introduction			No		
	of the Guide		_	_	(DOI)					*
01	Dr. Chandra	-	Air	Performance	17-04-2019	899-	12	-	2019	https://doi.org/10.1007/s11869-
0.	Sekar		quality	evaluation of		908			-	019-00696-7
			modelling	LSTM						v
			using	algorithms						
			long	for hourly						
			short-	concentration						*
			term	prediction is						
			memory	carried out						2
			(LSTM)	during 2008–					-	
			over	2010						1 . 1
			NCT-							
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Faculty Publications: 2020

Sl.N	Name of the	US	Title of the	Research	Date of	PP	Vol.N	Issu	Yea	Link
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	e of the			w w 2	n					
	Guide		.00	ra ego	(DOI)	-				
01	M. Soumya	-	Provenance	high-grade	09-03-2020	353	36	2	202	https://doi.org/10.2112/JCOASTRE
			and	metamorphi	1	-	5		0	S-D-19-00046.1
			Implications	c minerals	n i	361				,
			of Heavy	are						

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Department of civil Engineering

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	Minerals in the Beach Sands of India's Central We Coast	an external source brought by				
02 Dr. S D Venkataraja Mohan	- Effect of Shear Strength of BC Soil wi NanoMater l and Fly Ash	th	-	-	-	https://xajzkjdx.cn/gallery/106- june2020.pdf

Faculty Publications: 2021

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S1.	Name of	US	Title of the	Research	Date of	P	Vol.	Issue	Ye	Link
No	the	N	Paper	description	Introduc	P	NO	No	ar	
	Faculty/Na				tion					
	me of the			8	(DOI)					
	Guide			_						8
01	S.S.	-	Solvation,	Solvation	1-09-	-	337	1164	20	https://doi.org/10.1016/j.molliq.2021.116456
	Honnanago		rotational	energy	2021			56	21	, "
	udar		dynamics,	increases			, and the second			
			photophysi	increase in						
			cal	the energy						
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			study of	respect to						
			aromatic	Stokes						
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			ketones:							V Head

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	-	-	An experiment al and theoretical approach							The state of the s
02	Venkataraja	-	Characteris	the shore D	23-03-	-	58	-	20	https://doi.org/10.17762/pae.v58i2.3433
	Mohan S D		tics Of	hardness of	2021				21	
			Wear	the						
			Resistance	composites	n					
			and	was						
			Hardness	investigate	s					ı
			Investigati	d as per the						·
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			Graphite	standards	, , 2					**
			Powder				-			
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			Kevlar							
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			Taguchi's	9						
03	C.		Approach.	41- 0 2220 0 11		-		1001	20	DOI 10 1000/1757 000V/1001/1/012052
03		-	Tribologic al and	the wear life of the	-	-	n- n	1091	20 21	DOI 10.1088/1757-899X/1091/1/012052
	Nanjundas		mechanical						21	
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			silk	by 35%						,
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04	C Nanjundas wamy	-	polypropyl ene based matrix composites Applicatio n of Heavy Metal Pollution Index and Metal Index for the Assessmen t of Groundwat er Quality in Peenya Industrial	absorption capability increased by 42% The mean MI concentrati on was 27.1, and it was discovered that 73 percent of groundwat er samples were "Seriously Affected"	22-05- 2021	-	822	-	20 21	DOI 10.1088/1755-1315/822/1/012033
05	Dr. C		Area	(MI value > 6.0). This	3-09-		6	2	20	https://www.gaionardinart.com/gaionar/article/pii/S
03	Dr. C Nanjundas wamy		Structural, photocatal ytic and electroche mical studies on facile combustio n synthesize d low-cost nano	superior electroche mical behaviour suggests the potential application of the optimized NP	2021	-	6	3	20 21	https://www.sciencedirect.com/science/article/pii/S 2468217921000393

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			chromium (III) doped polycrystal line magnesiu m aluminate spinels	material as an anodic electrode for supercapac itors.		17			ear	
06	Dr.M. N. Hegde	-	Dynamic Study of Existing Structure Influenced by Adjacent Deep Excavation	The finite element modeling and analyses are carried out using software.	09 -04- 2021	8 1- 8 9	117	-	20 21	https://doi.org/10.1007/978-981-15-9984-2_7

Faculty Publications: 2022

Sl.N	Name of the	US	Title of the	Research	Date of	PP	Vol.N	Issu	Yea	Link
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	of the Guide	100			on			No	-	
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01	Dr. C.	-	Assessmen	to assess	27-06-	1071	256	167	202	https://link.springer.com/chapter/10.100
	Nanjundaswa	s *11	t of	the	2022	-			2	7/978-981-19-1862-9 69#citeas
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National Journals

Faculty Publications: 2019

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	Faculty/Name		of the	description	Introduction					
	of the Guide		Paper	_	(DOI)					
Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil

Faculty Publications: 2020

Sl.No	Name of the	USN	Title	Research	Date of	PP	Vol.NO	Issue No	Year	Link
	Faculty/Name		of the	description	Introduction					
	of the Guide		Paper	_	(DOI)					
Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil

Faculty Publications: 2021

Sl.No	Name of the	USN	Title	Research	Date of	PP	Vol.NO	Issue No	Year	Link
	Faculty/Name		of the	description	Introduction		pe e			
	of the Guide	Ý	Paper		(DOI)					
Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil

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Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	3	Nil	Nil	Nil

National Conference

Faculty Publications: 2019

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	Faculty/Name		of the	description	Introduction		a *	8		
	of the Guide		Paper	_	(DOI)					
Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil

Faculty Publications: 2020

Sl.No	Name of the	USN	Title	Research	Date of	PP	Vol.NO	Issue No	Year	Link
	Faculty/Name		of the	description	Introduction					
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Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil

Faculty Publications: 2021

Sl.No	Name of the	USN	Title	Research	Date of	PP	Vol.NO	Issue No	Year	Link
	Faculty/Name		of the	description	Introduction					7/ =
	of the Guide		Paper		(DOI)		× *	2 2		
Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil
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Faculty Publications: 2022

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Professor and Prad Department of civil Engineering R. Arrondkar Institute of Technolo Bangalore - 590 056

aculty	Publications: 202	2								
Sl.No	Name of the Faculty/Name of the Guide	USN	Title of the Paper	Research description	Date of Introduction (DOI)	PP	Vol.NO	Issue No	Year	Link
	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil

Faculty Publications: 2019

Sl.No	Name of the	USN	Title	Research	Date of	PP	Vol.NO	Issue No	Year	Link
	Faculty/Name		of the	description	Introduction	-	7/			
	of the Guide		Paper	8	(DOI)	* 10				
Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil

Faculty Publications: 2020

Sl.No	Name of the	USN	Title	Research	Date of	PP	Vol.NO	Issue No	Year	Link
	Faculty/Name	tes e	of the	description	Introduction				2	
	of the Guide		Paper	7 h	(DOI)		1			
Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil

Faculty Publications: 2021

Sl.No	Name of the	USN	Title	Research	Date of	PP	Vol.NO	Issue No	Year	Link
	Faculty/Name		of the	description	Introduction					
	of the Guide		Paper		(DOI)					*
Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil

Faculty Publications: 2022

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Sl.No	Name of the	USN	Title	Research	Date of	PP	Vol.NO	Issue No	Year	Link
	Faculty/Name		of the	description	Introduction					
	of the Guide		Paper	•	(DOI)					
Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil

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Industry collaborations

Industry collaborations: 2019

Sl.No	Name of the Industry with complete Address, Email ID, Phone No	Description of the collaboration/Activities taken	Year	Link
Nil	Nil	Nil	Nil	Nil

Industry collaborations: 2020

Sl.No	Name of the Industry with complete Address, Email ID, Phone No	Description of the collaboration/Activities taken	Year	Link
Nil	Nil	Nil	Nil	Nil

Industry collaborations: 2021

Sl.No	Name of the Industry with complete Address, Email ID, Phone No	Description of the collaboration/Activities taken	Year	Link
01	Prakruthi Institute of Environmental studies, 93, 7th cross Road, Lower palace orchards, Malleshwaram, Bengaluru-56	Research activities in the field of Civil-Environmental Engineering	2021	https://prakruthi-institute- of- environmental.business.site/
02	EDALL SYSTEMS #401, 4th Floor, Connection Point Building B- Block Airport Exit Road, Konena Agrahara, Bengaluru, Karnataka 560017	a leading Company in India for small UAV/Drones Manufacturing	2021	https://edallsystems.com/

Industry collaborations: 2022

Sl.No	Name of the Industry with complete Address,	Description of the	Year	Link
	Email ID, Phone No	collaboration/Activities		
		taken	_ 6 6 8 _ 8 6 2	A

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Professor and Head Propertment of civil Engineering Bungalore - 560 Co6

01	Ultra-Tech Cement Ltd. Bangalore	Technical Advisor	2022	https://www.ultratechcement.com/
02	ASP-SDI Bangalore	Sustainability Assessment	2022	
02	7151 -5D1 Bailgaloic	Buildings and Infra. Projects	and the second second	
03	Karnataka State Pollution Control Board:	Environmental / Waste	2022	https://kspcb.karnataka.gov.in/
	Mysore Zone	Management		

List of Industry Advisory Board Description of activities so far:

January and

1	Dr. Ramachandra v, Technical Advisor, UltraTech Cement,	Students are benefited with internship training
	Bangalore	
2	Dr. Ajith Sabnis, Principal Consultant, ASP-SDI, Sustainability	Interacted to arrange the technical talk
	auditing Consultants, Bangalore.	
3	B M Prakah, Senior Environment Officer, Karnataka State	Interacted to arrange the technical talk
	Pollution Control Board (KSPCB), Mysore zone.	
4	Srikanth Channal, Chairman and structural Consultant, ACE	Interacted to arrange the technical talk
	Bangalore division, Bangalore.	
5	Pritham Ashutosh, Director, EDALL system, Bangalore.	Internship Training (with stipend)

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	Expert_ID	Expe	Qual	Title	First_Name	Last_Name	Date_of_Birt	Gender	Mobile_Num	Email	Address	District	State	Pin_No
				Title	First name of	Last name of the	Date of birth		(10 digit	Email id of faculty. Personal email id is	Instituti	District	State	Pincode
				of	the faculty	faculty. Initials to be	of the	male	mobile	preferred.	on	where	where	where
				the			faculty in		number of		address	institution	institution	institut
				staff.			MM-DD-		faculty)		as on	is located	is located	on is
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		ID.	nl											550056
Dr. HKV	235121	-	-	Dr.	Hemanth	Kumar V	29-02-1988	Male	8904958991	hemanth.visl@gmail.com	Dr. AIT	Bengaluru	Karnataka	560056
Dr. SK	179725			Dr .	Kavitha	Sajjala	11-10-1984	Female	9916412348	sajjalakavitha@gmail.com	Dr. AIT	Bangalore	Karnataka	560056
Dr. ALK	275614			Dr	Ashwini	LK	14-07-1990	Female	9535471439	ashwinilk181@gmail.com	Dr. AIT	Bangalore	Karnataka	560056
Dr. SSH	341545			Dr.	Somanagouda	Honnanagoudar	01-09-1965	Male	9980731985		Dr. AIT	Bangalore	Karnataka	560056
Dr. SV	156673	-	-	Dr.	Vijaya	S	03-06-1966	Female	9343462295		Dr. AIT	Bangalore	Karnataka	560056
Dr. CNS	342381			Dr	Chikkamadaiah	Nanjunda Swamy	15-07-1964	Male	9448739885	cnswamy.cv@drait.edu.in	Dr. AIT	Bangalore	Karnataka	560056
Dr. CS	342253			Dr	Chandrrasekar		01-01-1965	Male	-	chandrrasekar.cv@drait.edu.in	Dr. AIT	Bengaluru	Karnataka	560056
Mr. SBA	156667			Mr	Ankesh	SB	05-03-1983	Male	9916933226		dr. AIT	Bengaluru	Karnataka	560056
Mr. MKD	341205	-	-	Mr	Darshan	MK	28-01-1990	Male	9591876666		Dr.AIT	Bengaluru	Karnataka	560 05
Mrs. PKB	341213	-	-	Mrs	Purnima	Biranagi	08-08-1988	female	9731362259		Dr. AIT	Bengaluru	Karnataka	560056
Mrs. SRM	342413	-	-	Mrs	Supritha	R.M	13-08-1984	female	7348979304	supritha.cv@drait.edu.in	Dr.AIT	Bengaluru	Karnataka	560056
Mr. MNK	156676	-	-	Mr.	Naveenkumar	M.	15-03-1992	Male	9590255897	naveen.cv@drait.edu.in	Dr.AIT	Bengaluru	Karnataka	560056
Mr. SB	156302	-	-	Mr.	Sharath	B	07-16-1992	Male	8147352040		Dr. AIT	Bengaluru	Karnataka	560056
Mr. ACA	341228	-	-	Mr.	Ashwin	CA	12-12-1990	Male	9620555246		Dr. AIT	Bengaluru	Karnataka	560056
Dr. RC	342153	-	-	Dr.	Rakesh	C.	04-09-1989	Male	8050800410		Dr. AIT	Bengaluru	Karnataka	560056
Mrs. SSD	342209	-	-	Ms.	Sneha	S D	12-11-1994	Female	9591292236	snehasd.cv@drait.edu.in	Dr. AIT	Bengaluru	Karnataka	560056
Mrs. RB	341222	-	-	Mrs.	Rajeshwari	В	10-06-1989	Female	8660751594	rajeshwarib.cv@drait.edu.in	Dr. AIT	Bengaluru	Karnataka	560056
Mrs. MKS	341217	-	-	Mrs	Madhu	K S	1991-09-06	Female	9663144887	madhushivram91@gmail.com	Dr. AIT	Bangalore	Karnataka	560056
Mrs. TBR	341212	-	-	Mrs	Tejaswini	BR	1989-11-26	Female	9535283972	brtejaswinibr@gamil.com	Dr. AIT	Bangalore	Karnataka	560056
Mr. RN	233302	-	-	Mr.	RAGHAVENDRA	N	1992-12-06	MALE	8867448482	raghavendra.cvd@drait.edu.in	Dr. AIT	Bengaluru	Karnataka	560056
Dr. RMP	341650	-	-	Dr.	Radhika M.	Patel	18-07-1989	Female	9880545979	<u>radhika.cv</u> @drait.edu.in	Dr. AIT	Bengaluru	Karnataka	560056
Dr. MNH	* - Table 1.0	-		Dr.	M. N.	Hegde	on Ne orași	MALE	9741006095		Dr. AIT	Bengaluru	Karnataka	560056
Dr. SDV	342169	-	-	Dr.	Venkataraja	Mohan S.D.	20-03-1964	Male	9880066875	venkatrajmohan.cvdrait.edu.in	Dr. AIT	Bangalore	Karnataka	560056
Mrs. MBJ	342833	-	-	Ms	Mary Bhagya	Jyothi.J	19-05-1994	female	9481039158	marybhagyajyothi.cv@drait.edu.in	Dr. AIT	Bengaluru	Karnataka	560056
			-		40 X ² (8)	NIVE C RE . RE .	1 18		10.00	** * * * * * * * * * * * * * * * * * *			r and "	

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Bangalore - 550 056

WC	Experti	Expertise	Brief_Expertise	Qualifica	Subject	Institute	Year_of_Passe	Designation	Department
Sel ect th e en tir e lin		Expertise	Brief_Expertise Brief career expertise of the faculty Brief Expertise	Highest	Subject in which faculty has attained highest degree	Institute Institution from which faculty has attained highest degree Institute	Year_of_Passe Year in which faculty has attained highest degree Year_of_Passe	Current Designation of the faculty	Department Department name as mentioned in the institution website Department
OS _S	ise_id			tion			d_out	Designation	Department
7	157	Civil Engineering	Transportation Engineering	Ph.D.	Civil Engineeering	NITK	2022	Assistant Professor	Civil Engineeri
7	157		Structural Engineering, Concrete techno	PhD	Department of Civil engineeri	Dr.MGR Educational reserch insti	2018	Associate Professor	Department of
-	157		Structural Engineering	PhD	Civil engineering	UVCE, Bangalore University	2022	Assistant professor	Civil Engineeri
-	157		Structural Engineering	PhD	Civil engineering	UVCE, Bangalore University	2022	professor	Civil Engineeri
-	157		Professor & HOD	PhD	Civil engineering	UVCE, Bangalore University	2022	professor	Civil Engineeri
-	157		Professor	PhD		IIT Roorkee	2000	Professor	Civil Engineeri
-	157		Environmental Engineering	Ph D		IIT Roorkee	2016	Associate Professor	Civil Engineer
-	157	civivl engineering	I am Expertized in Environmental Engin	M.Tech	Environmental Engineering	SJCE, Mysur	2011	Assistant Professor	Department of
-	157		Structural Engineering	M.Tech	Structural Engineering	GCE, Ramanagara	2013	Assistant professor	Civil Engineer
-	157		Structural Engineering	M.Tech.	Structural Engineeering	M.S Ramaiah, Bangalore	2013	Assistant Professor	Civil Engineer
-	157		Building Science & Technology		Building Science & Technolgy	Jain College , Bangalore	2016	Assistant Professor	Civil Engineer
7	157	Civil Engineering	Geotechnical Engineering	M.E.	Geotechnical Engineering	UVCE, Bangalore University	2016	Assistant Professor	Civil Engineer
7	157	Civil Engineering			Construction Engineering & M	MIT, Manipal	2017	Assistant Professor	Civil Engineer
-			Structural Engineering		Structural Engineeering	VTU PG Center	2017	Assistant Professor	Civil Engineer
-			Geotechnical Engineering		Geotechnical Engineering	UVCE, Bangalore University	2021	Assistant Professor	Civil Engineer
		Civil Engineering		M.Tech.	Structural Engineeering	NIE, Mysuru	2018	Assistant Professor	Civil Engineer
-		Civil Engineering	Transportation Engineering	M.tech	Transportation Engineering		2014	Assistant Professor	Civil Engineer
-	-		Structural Engineering, Masonry Structu		Structural Engineering	Dayananda Sagar College of Engi	2015	Assistant Professor	Department of
-	ONLY DOOR SHOW THE PERSON NAMED IN		Geotechnical Engineering, Reinforced So			University of Visvesvaraya colleg		Assistant Professor	Department of
-	157		HIGHWAY ENGINEERING	ME		UVCE, BENGALRU	2015	ASSISTANT PROFESSOR	CIVIL ENGINE
-	157		Geotechnical Engineering, Soil-structure	Ph.D.		7	2022	ASSISTANT PROFESSOR	CIVIL ENGINE
_			Structural Engineering	Ph.D.	Civil Engineering		2009	Professor	Civil Engineer
-			Professor	PhD	Environmental Engineering	UVCE, Bangalore University	2011	Professor	Civil Engineer
	157	Civil Engineering	Structural Engineering	M.Tech.	Structural Engineeering			Assistant Professor	Civil Engineeri

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	Organisation_Type	Organisation_URL	Worknig_From_N	Working_From	ORCID_ID	Researcher_ID	Scopus_ID	Google_Scholar_ID
	Technical Institute/College/Univ ersity etc	Organisation homepage URL	Working from month in numbers(eg: 1 for January, 7 for July, 12 for December)	Working from year in YYYY format	eg: 0000-0002-6456- 6761	eg: GLQ-7256- 2021	eg: 36610100000	eg: DQjfizQAAAAJ
Organisa tion	Organisation_Type	Organisation_URL	Worknig_From_ Month	Working_Fro m_Year	ORCID_ID	Researcher_ID	Scopus_ID	Google_Scholar_ID
Dr. AIT	Technical Institute	https://drait.edu.in/	April	2022	0000-0001-8994-9025	U-4941-2018	57207453804	nBUH4XEAAAAJ&hl
Dr. AIT	Technical Institute	https://www.drait.edu.in/	January	2023	0000-0001-8535-0840		57190131893	SgUAIOgAAAAJ&hI
Dr. AIT	Technical Institute	https://www.drait.edu.in/	January	2023	0000-0001-5515-8065			sV9rHO1AAAAJ
r. AIT	Technical Institute	https://www.drait.edu.in/	Sept.	2020				-
Dr. AIT	Technical Institute	https://www.drait.edu.in/	April	1992	0000-0001-8199-727			oDG7-4wAAAAJ
Dr. AIT	Technical Institute	https://www.drait.edu.in/	December	2006	0000-0001-9293-6831		10540993600	_hR27eoAAAAJ
Dr. AIT	Techical Institute	https://www.drait.edu.in/	September	1997	0000-0001-8988-8269	rid45576	HLX-4637-2023	1SRIQR0AAAAJ
Dr AIT	Techical Institute	https://www.drait.edu.in/	April	2015	0000-0002-8195-5962			
Dr.AIT	Techical Institute	4.2	January	2016	0000-0001-9186-5111	-	-	x TtMP8AAAAJ&hl
Dr. AIT	Technical Institute	https://drait.edu.in/	Janaury	2016	0000-0003-3183-1993		-	-1 11
Dr. AIT	Technical Institute	https://drait.edu.in/	January	2017	0000-0003-2930-9442		-	- 1
Dr. AIT	Technical Institute	https://drait.edu.in/	December	2018	0000-0002-3564-6587		W	
Dr. AIT	Technical Institute	https://drait.edu.in/	December	2018	0000-0003-2234-8529	- 8	-	HxfBXAYAAAAJ&hl
or. AIT	Technical Institute	https://drait.edu.in/	October	2021	0000-0001-7498-3052	-	-	-
Dr. AIT	Technical Institute	https://drait.edu.in/	October	2021	0000-0003-4029-2629			kNO9iV4AAAAJ
Dr. AIT	Technical Institute	https://drait.edu.in	October	2021	0000-0002-5664-7167	- 8 6 7 1	-	-
Dr. AIT	Technical Institute	https://drait.edu.in/	october	2021	0000-0002-3164-017		-	-0
Dr. AIT	Technical Institute	https://drait.edu.in		2021	0000-0003-1170-3337	-	-	-
	Technical Institute	https://drait.edu.in		2021	0000-0002-2319-8342		H	E 10
DR. AIT		https://drait.edu.in	FEBRUARY(4)	2016	0000-0002-4148-6567		- 1	drJb_LQAAAAJ
	TECHNICAL INSTITUTE	https://drait.edu.in	4	2022	0000-0002-4130-1155		57216493682	oG_VemQAAAAJ
Dr. AIT	Technical Institute	https://drait.edu.in	- 12 - 2		0000-0003-4845-093	5	55973414500	bWObAbkAAAAJ&l
Dr. AIT	Technical Institute	https://www.drait.edu.in/		1992				
Dr. AIT	Technical Institute	https://drait.edu.in/	December	2018	s 2 " 1 8 1	-		
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MOUs

MOUs: 2019

Sl.No	Name of the Industry/Research organization with complete Address, Email ID, Phone No	Description of the MoUs/Activities taken	MoU signed date	Valid till	Term	Link
Nil	Nil	Nil	Nil	Nil	Nil	Nil

MOUs: 2020

Sl.No	Name of the Industry/Research	Description of the	MoU signed	Valid till	Term	Link
	organization with complete	MoUs/Activities	date	2", 2 , 2 n, 6		n n
	Address, Email ID, Phone No	taken	8, 8 N N			
Nil	Nil	Nil	Nil	Nil	Nil	Nil

MOUs: 2021

27						. /
Sl.N	Name of the Industry/Research	Description of the	MoU signed	Valid till	Term	Link
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	Address, Email ID, Phone No			e er s		
01	Prakruthi Institute of	Research activities in	25-05-2021	24-05-2027	5	https://prakruthi-institute-
	Environmental studies,	the field of Civil-	2	n v		of-
	93, 7th cross Road, Lower palace	Environmental				environmental.business.si
	orchards, Malleshwaram,	Engineering				te/
	Bengaluru-56	и п				
	an × n = 0	p				https://drive.google.com/f
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а			F 2 1 1812	8 1 C 80 S	2 5 ° 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	Vcz/view?usp=share_link

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	E	3		*	# A	
02	EDALL SYSTEMS #401, 4th Floor, Connection Point Building B-Block Airport Exit Road, Konena Agrahara, Bengaluru, Karnataka 560017	a leading Company in India for small UAV/Drones Manufacturing	9-05-2021	Until it is expressly terminated		https://edallsystems.com/ https://drive.google.com/f ile/d/1qOz936KsAnGcg Wbi0QC53PXGXD9RT Vcz/view?usp=share_link

MOUs: 2022

Sl.No	Name of the Industry/Research	Description of the	MoU signed	Valid till	Тоши	Link
51.110	Name of the moustry/Research	The state of the second st	Moo signed	vand till	Term	Link
	organization with complete	MoUs/Activities	date			
	Address, Email ID, Phone No	taken		9 0 0 0		2
Nil	Nil	Nil	Nil	Nil	Nil	Nil

Description of activities so far conducted:

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Publications Statisting:

Year	Scopus Publications	WoS publications	Citations	Crossreference citations	h-index	i-index	google scholar citations	books	Book chapter
2023		0	3	0	11	12	.9		2
2022	3	1	63	0	11	5	128		
2021	13	10	95	0	7	4	132		
2020	6	2	42	0	0	0	76		
2019	7	5	14	0	2	2	45		
2018	1	1	16	0	0	0	28		
2017	6	3	8	0	1	1	28		
2016	8	3	4	0	0 0	0	7	, C	
2015	0	0	0	0	0	0	2		
2014	0	0	0	0	0	0	0		
2013	0	0	0	0	0	0	1		
2012	0	0	0	0	0	0	0		
2011	0	0	0	0	0	0	0		
2010	0	0	0	0	0	0	0		
2009	0	0	0	0	0	0	0		—
2008	0	0	0	0	0	0	0		
2007	2	2	0	0	0	0	0		
2006	0	0	0	0	0	0	0		
2005	0	0	0	0	0	0	0		
2004	0	0	0	0	0	0	0		
2003	0	0	0	0	0	0	0		
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Quarterly plan to realize annual Target(Calender Year 2023)

#	NACIONA AMERICANA AMERICANA	Tar	get: Qı	uarter-1	Targ	et: Qu	arter-2	Та	arget: (Quarter-3	Targ	get: Q	uarter-4	Total
#	Major/Minor Activity	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	
1	R & D Awareness Program(Publication, Patent,Funding)-Internal Experts	-	-	1	7	1	-	-	-	1	-	-	1	4
2	R & D Awareness Program(Publication, Patent,Funding)-External Experts	-	-	1	-	-	1	-	1	-	-	1		4
3	Research Publications Indexed in Scopus / WoS / SCIE - as 1st Author(01 per Faculty per Sem including Student Project)	- ,	- ,/	1	, '-	-	-	-	Yes	₹'	-		Yes	Yes
4	Patents - Published (01 per PhD Faculty Per Year)	-	-	-	-	-	-		-	-	-	1		1
5	Research Grants - Applied (01 per PhD Faculty Per Year)	-	-	1	-	1	-	-	-	2	-	1		5
6	Research Grants - Granted (01 per Department Per Year)	-	-	- 4	-		-	-	1	-	-	1		2
7	Consultancy (Rs.10,000/- or more) - For Each Department	-	-	-	-	- ,	1	-	-	1	-	-	1	3
8	MOUs / IIC Labs (01 Per Department Per Year)	-	-	1	-	1	-	-	1	-	-	-		3
9	Student Projects (Financial Support From KSCST / VTU etc)	-	5	-		-	-	-	2	-	-	-		7 7
10	FDPs on Research, Consultancy, Patents and related activities(FDP - 04Nos ATAL FDP / IIT / IIM / NITs per year)	-	-		, -	1	L	-	-	1	-	-	-	2
11	Organizing Student - R&D Events (For Dr AIT)	L -	15.0		1	~	-	- 1-	°.	-	-	-		1
12	Visit to Industry and ResearchOrganizations(IISc /IIT / IIM / NIT / NIRF Top 25 Govt Institutes / R&D Labs) by Dr AIT R&D Department Members	-	1	-	-	1	1		-	1	-	-	_	4

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International Journals

Student Publications: 2019

Sl.N o	Name of the Student/Na me of the Guide	US N	Title of the Paper	Research description	Date of Introduct ion (DOI)	PP	Vol. NO	Iss ue No	Year	Link
1	Anupkumar S Karadi1/ B.S.Suresh chandra		Analysis & comparision of tall buildings using Indian & Euro code of tall standards	it is important to do a comparison in order to assess which building performs better'	-	383- 389	04	08	Aug- 2017	https://www.irjet.net/ archives/V4/i8/IRJET -V4I868.pdf
2	Chidhanandh a H /B.S.Suresh chandra		Comparative study of tall structures with plan irregularity subjected to wind load	Then beam with normal slab is compared with flat slab in terrain category 1 for different shape of building in static method.	DOI: 10.17577 /IJERTV 8IS0704 04	920- 924	8	7	July- 2019	https://www.ijert.org/ comparative-study- of-tall-structures- with-plan- irregularity- subjected-to-wind- load
3	Akshay R /B.S.Suresh chandra		Effect of friction dampers on RC structures subjected to earth quake	Necessity to implement seismic codes in building design. For this a better method of analysis such as static analysi	-	2616- 2618	03	05	Aug- 2019	https://www.ijtsrd.co m/papers/ijtsrd28017. pdf

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4	Varun S P /B.S.Suresh chandra	v	Structural system in resisting the effect of lateral load in high rise building	The article describes the characteristics of the diagrid system and its applicability in the construction of tall buildings in relation to other modern construction systems: braced-tube.	IJTSRD2 8024	97-101	Volume 3	Iss ue 6,	October 2019	https://www.ijtsrd.co m/papers/ijtsrd28024. pdf
5	Mrigank Krishan, Srinidhi Jha, Jew Das, Avanti ka Singh, Manish Kumar Goyal /Dr.C handrrasekar		Air quality modelling using long short term memory (LSTM) over NCT Delhi, India	Performance evaluation of LSTM algorithms for hourly concentration prediction is carried out during 2008–2010, and it is found that LSTM models efficiently deal with the complexities and is immensely effective in ambient air quality forecasting.	https:// doi.org/ 10.1007 /s11869 -019- 00696-7	899– 908	_	-	17 April 2019	https://doi.org/10.1 007/s11869-019- 00696-7

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6	Akshay N /Dr.M.N.		Seismic response of	As the static	-	1720-	Volu	Iss	Aug	https://www.irjet.net/
	100 mm 10		structure considering	analysis	ME PRISTOR	1725	me:	ue:	2018	archives/V5/i8/IRJET
	Hegde		soil structure	approximates the	in excess a	6.51	05	08		-V5I8297.pdf
	e "		interaction for soft	response to a	7 . 208(1)	Privil Figure				
			soils in different	large extent. A						
			zones	detailed dynamic						
			*	analysis is						
				necessary to						В
	3		2	understand the						
				real behavior of		1				
				the superstructure						
7	Vivek/Dr.M.	×	Effectivness of	The current study	-	1771-	Volu	Iss	Sep 2019	https://www.ijtsrd.co
	N. Hegde		different crack depth	involves the		1774	me:	ue:	1	m/papers/ijtsrd28017.
			at various locations of	analysis of a steel			06	09		pdf
			steel frma structure	frame structure		* 1				Pur
		1 EE 1		using SAP-2000	-	N				и э с я
				software tool. The	70	1 2 2 2			1 22	8 2
				crack depth of		2 1 2				* * * * * * * * * * * * * * * * * * *
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	2 8 2 2 2 1 2 2			studied.		s s	7	*	- 1	
3	Sushmitha N		Hramonic analysis of	By modal	-	692-	Volu	Iss	Sep 2019	https://www.irjet.net/
	/Dr.M.N.		cantilever beam with	analysis the		695	me:	ue:		archives/V6/i9/IRJET
	Hegde		& withour cracks	vibration	2		06	09	a a	-V6I9102.pdf
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Student Publications: 2020

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Sl.	Name of the	US	Title of	Research	Date of	PP	Vol.N	Issue	Year	Link
No	Student/Name	N	the Paper	description	Introducti		O	No		
	of the Guide				on					
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1	Shashikala B		Comparat	These	33437	684	Volum	Issu		https://www.ijtsrd.com/engineerin
	S		ive Study	loads are		-	e-4	e-6	October	g/structural-
	Sureshchandra		of	resisted by		690			2020	engineering/33437/comparative-
			Different	various						study-of-different-lateral-load-
			Lateral	lateral load						resisting-system-on-different-
			Load	resisting						shapes-of-building/shashikala
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2	Varun M1, BS			01' ' C						
			Seismic	Objective of	-	455	Volum	Issue	October	https://www.ijtsrd.com/papers/ijtsr
	Sureshchandra2	*			-	-	Volum e 4	Issue 6	October 2020	https://www.ijtsrd.com/papers/ijtsr d33390.pdf
			Analysis	this study is						
		57	Analysis of Multi	this study is to compare	-	-				
			Analysis of Multi Storey RC	this study is to compare results	-	-				
			Analysis of Multi Storey RC Building	this study is to compare results obtained	-	-				
			Analysis of Multi Storey RC Building with and	this study is to compare results obtained from static	-	-				
			Analysis of Multi Storey RC Building with and Without	this study is to compare results obtained from static and	-	-				
			Analysis of Multi Storey RC Building with and Without Fluid	this study is to compare results obtained from static and response	-	-				
			Analysis of Multi Storey RC Building with and Without Fluid Viscous	this study is to compare results obtained from static and response spectrum	-	-				
			Analysis of Multi Storey RC Building with and Without Fluid	this study is to compare results obtained from static and response spectrum analysis in	-	-				
			Analysis of Multi Storey RC Building with and Without Fluid Viscous	this study is to compare results obtained from static and response spectrum analysis in both		-				
			Analysis of Multi Storey RC Building with and Without Fluid Viscous	this study is to compare results obtained from static and response spectrum analysis in both		-				
			Analysis of Multi Storey RC Building with and Without Fluid Viscous	this study is to compare results obtained from static and response spectrum analysis in		-				
			Analysis of Multi Storey RC Building with and Without Fluid Viscous	this study is to compare results obtained from static and response spectrum analysis in both longitudinal and		-				
			Analysis of Multi Storey RC Building with and Without Fluid Viscous	this study is to compare results obtained from static and response spectrum analysis in both longitudinal		-				

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			with and without damper building					Ochob	144 - //itand com/oncirconin
3	Shiva Jayanth B S / M N Hegde	Dynamic Analysis of Structura I Steel Frame Subjecte d to Transient Thermal Load	The Steel Frame is of single storey with fixed supports at the base. Transient Thermal load is applied at the joints of steel frame using ANSYS software. By using Finite Element Method, the performan ce of the steel frame is examined by dynamic analysis	-	109 - 114	Volum e-4	Issu e-6	October 2020	https://www.ijtsrd.com/engineering/civil-engineering/33264/dynamic-analysis-of-structural-steel-frame-subjected-to-transient-thermal-load/shiva-jayanth-b-s

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Department institute of Technology

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				subjected to transient thermal load.				YE GOLD		
4	Shashikala B S Sureshchandra	4.	Comparative Study of Different Lateral Load Resisting System on Different	These loads are resisted by various lateral load resisting systems. The primary boundaries	33437	684 - 690	Volum e-4	Issu e-6	October 2020	https://www.ijtsrd.com/engineering/structural-engineering/33437/comparative-study-of-different-lateral-load-resisting-system-on-different-shapes-of-building/shashikala
			Shapes of Building	considered in this report is to contrasting the seismic presentatio n of various						
				models for direct static investigati on are; Top storey displaceme nts, Storey drift ratios, Storey						
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			dynamic analysis are; Torsion moments, Time Period and Response Spectrum. Keywords:					
5	Danish Akhtar, Dr. /M R Suresh, Naveen Kumar	Design of Tall Structures under Low SBC	This terminology shows that the tall buildings using these methods are structurally well-built and durable to resist the lateral loads such as seismic, wind, etc. Indian cities are observing enormous developmen t due to construction	744 - 750	Volum e 4	Issue 6,	October 2020	https://www.ijtsrd.com/papers/ijtsrd33458.pdf

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				demand etc.						
6	Rohan G		Seismic	The Lead	IJTSRD33	147	Volum	Issue	July-	https://www.ijtsrd.com/papers/ijtsr
U	Raikar1, Dr.			Rubber	166	7-	e 4	5	August	d33166.pdf
			Analysis		100	148	64	3	2020	d33100.pd1
	Shivakumarasw		of Framed	Bearing		1			2020	
	amy2, Dr. S	. 9	R.C.	(LRB) is		3				
	Vijaya3, M. K		Structure	designed as						,
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7	Pooja 1, Dr. Vijaya G S2	DYNAMI C ANALYS IS OF	studying earthquake resistivity of structure by analyzing the base isolation structure to compare its structural performanc e with fixed base isolation. The present work deals with Dynamic	-	174 5- 174 8	Volum e: 05	Issue : 06	June - 2018	https://www.irjet.net/archives/V5/i 6/IRJET-V5I6329.pdf
		REGULA R AND IRREGUL AR RC FRAMES WITH STEEL BRACIN G AND MEGA BRACIN G USING ETABS	analysis of RC frame with different types of steel bracings like X, V, K, Diagonal bracings and Mega bracings using	·					Car and Tried

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			ETABS software. Vertical Regular, irregular structure of G+12 building located in zone IV is analyzed					
8	Rekha M N1, Dr. S Vijaya2, Dr. B Shivakumara Swamy2	Progressiv e Collapse Analysis of Multi Storey Steel Structure with Bracing Systems using E- Tabs	The displacemen t of bare frame models can be reduced by 55%, 55% and 63% by adopting bracings such as Diagonal bracing, V Bracing and	973	Volum e 4 Issue	Issue 6,	October 2020	https://www.ijtsrd.com/papers/ijtsrd33544.pdf
			X Bracing systems. The progressive collapse analysis					and Field

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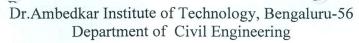
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			38%, 52%						
	5		and 59% for						
			location A,						
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9	Pooja V1, Dr. S	Dynamic	In the	_	691	Volum	Issue	October	https://www.ijtsrd.com/papers/ijtsr
	Vijaya2, Dr. B	Analysis	present		_	e 4	6,	2020	d33436.pdf
	Shivakumarasw	of Steel	study, a 15-		695		,		
	amy3, Kavya H	Structure	storey		0 > 0	-	¥.		
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2	Sudhan / B S	Design of	Grid	_	510	Volum	Issue	Septemb	https://www.ijtsrd.com/papers/ijtsr
2	Sureshchandra	Grid	slab/floor		310	e 4	6,	er-	d33400.pdf
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2	Pavank umar VS2, Rangas wamy G3, Samee ra siyam4, Shilpa NG/ Sharat h B	Comparative study on Properties of High strength Hybrid FRC with convention al concrete	long irregular and sinous in outline. The aim is to study characteris tics and compariso n of the mechanica l properties ofsteel and glass fiber reinforce concrete with convention	DOI: 10.3 5629 /525 2- 0307 1493 1503	1 4 9 3- 1 5 0 3	Vo lu me 3,	Is s u e 7	Ju ly 20 21	https://ijaem.net/issue_dcp/Comparative%20Study%20on%20Properties%20of%20High%20Strength%20Hybrid%20FRC%20with%20Conventional%20Concrete.pdf
		n is a property of the second	al concrete.		2 (44.4)				
3	Baskar an, S.; Leela, M. H/ Nanjun daswa my, C	Digital Pedago gy for Sustain able Learnin g	'Education for Sustainable Developm ent (ESD)' bridges the gap between the traditional and	https://do i.org /10.3 4293 / educ ation .v9i3 .388	1 7 9- 1 8 5	9	3	Ju n 20 21	https://eric.ed.gov/?id=EJ1300885

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			and practical knowledge and augments students' employabil ity.					
4	Vinay Kumar D, Mohan N, Rajesh K, Sachit T S , Aksha y Prasad M/ Venkat araja Mohan S D,	Characteri stics Of Wear Resistance and Hardness Investigati on Of Graphite Powder Filler And Kevlar Fiber Reinforced Polypropyl ene Matrix Composite s – A Taguchi's Approach	From the investigatio n it is concluded that higher the percentage of reinforcem ent of the graphite powder the wear resistance will be high. Also the presence of Kevlar fiber in the composites helped in enhancing the wear rate of the composites . The 7% presence	https ://doi .org/ 10.1 7762 /pae. v58i2 .343 3	28	2	(2 02 1)	http://psychologyandeducation.net/pae/index.php/pae/article/view/34 33

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Student Publications: 2022

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National Journals

Student Publications: 2019

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Student Publications: 2020

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Department of Civil Engineering

Student Publications: 2021

Sl.No	Name of the Student/Name of the Guide	USN	Title of the Paper	Research description	Date of Introduction (DOI)	PP	Vol.NO	Issue No	Year	Link
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