

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 Registration	Full Time-FT/Part time-PT	Title of the Research	Name of the Research Supervisor/Co-Supervisor	Name of the University	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.google.com/drive/folders/1ncs7hyqXsYOsayr6CwqFBYP_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.google.com/drive/folders/1ncs7hyqXsYOsayr6CwqFBYP_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.google.com/drive/folders/1ncs7hyqXsYOsayr6CwqFBYP_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.google.com/drive/folders/1ncs7hyqXsYOsayr6CwqFBYP_gUnkBErU?usp=share_link

Verified on 13/2/23 (1) Narayana Nand

(2) # — Gk

Professor and Head
Department of Civil Engineering
Dr. Ambedkar Institute of Technology
Bengaluru - 560 006

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

05	Kuruba Chandrakash	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.google.com/drive/folders/1ncs7hyqXsYOsayr6CwqFBYP_gUnkBErU?usp=share_link
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Ph.D. Pursuing: 2020

Sl No	Name of the Student	USN	Gender	Year of Registration	Full Time-FT/Part time-PT	Title of the Research	Name of the Research Supervisor/Co-Supervisor	Name of the University	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.google.com/drive/folders/1ncs7hyqXsYOsayr6CwqFBYP_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.google.com/drive/folders/1ncs7hyqXsYOsayr6CwqFBYP_gUnkBErU?usp=share_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.google.com/drive/folders/1ncs7hyqXsYOsayr6CwqFBYP_gUnkBErU?usp=share_link

Handwritten signature: Dr. S D Venkataraja Mohan

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

						under static load and impact load			kBErU?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.google.com/drive/folders/1ncs7hyqXsYOsayr6CwqFBYP_gUnkBErU?usp=share_link
05	Kuruba Chandrakash	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.google.com/drive/folders/1ncs7hyqXsYOsayr6CwqFBYP_gUnkBErU?usp=share_link

Ph.D. Pursuing: 2021

Sl No	Name of the Student	USN	Gender	Year of Registration	Full Time-FT/Part time-PT	Title of the Research	Name of the Research Supervisor/Co-Supervisor	Name of the University	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 Nanjundaswamy	VTU	https://drive.google.com/drive/folders/1ncs7hyqXsYOsayr6CwqFBYP_gUnkBErU?usp=share_link
02	Tejaswini B R	1DA18PCV01	Female	2017	Part-time	A Study on the performance of footing	Dr. S Vijaya	VTU	https://drive.google.com/drive/

Verified on 13/2/23 (1) Narasimha Nandu
(2) G. S.

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						resting on reinforced manufactured Sand Beds			folders/1ncs7hyqXsYOsayr6CwqFBYP_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.google.com/drive/folders/1ncs7hyqXsYOsayr6CwqFBYP_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.google.com/drive/folders/1ncs7hyqXsYOsayr6CwqFBYP_gUnkBERU?usp=share_link
05	Kuruba Chandraprakash	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.google.com/drive/folders/1ncs7hyqXsYOsayr6CwqFBYP_gUnkBERU?usp=share_link

G. Narasimha Murthy

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

Ph.D. Pursuing: 2022

Sl No	Name of the Student	USN	Gender	Year of Registration	Full Time-FT/Part time-PT	Title of the Research	Name of the Research Supervisor/Co-Supervisor	Name of the University	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.google.com/drive/folders/1ncs7hyqXsYOsayr6CwqFBYP_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.google.com/drive/folders/1ncs7hyqXsYOsayr6CwqFBYP_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.google.com/drive/folders/1ncs7hyqXsYOsayr6CwqFBYP_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	Dr. S Vijaya	VTU	https://drive.google.com/drive/folders/1ncs7hyqXsYOsayr6CwqFBYP_gUnkBErU?usp=share_link

Verified on 13/2/23 by Dr. Anand N. N.

(Signature)

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

						static and impact Loading			kBERU?usp=share_link
05	Kuruba Chandraprakash	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.google.com/drive/folders/1ncs7hyqXsYOsayr6CwqFBYP_gUnkBERU?usp=share_link

Sl No	No of PhD Pursuing(Numbers only)			
	2019	2020	2021	2022
01	05	05	05	05

Total Number of PhD Pursuing up to 2022: **05**

Total Number of Ph.D. Pursuing from 2019 to 2022: **05**

G. Narayana Rao

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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:

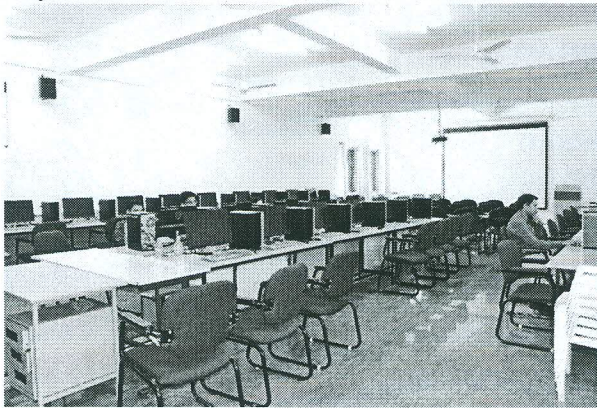

Description:

Files with Photos

HOD, Civil Engg. Dept.

Photo Description

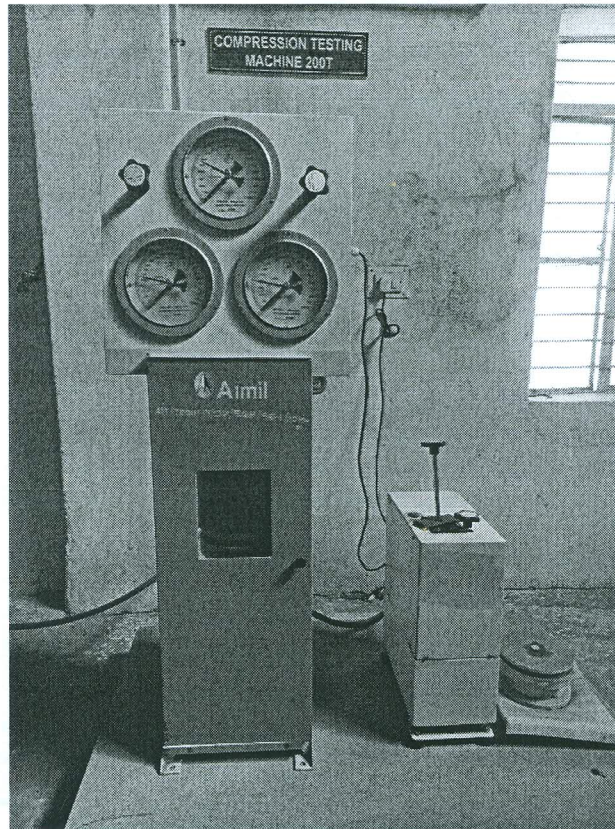
List of Major Equipment (Photos with cost)(> 5 Lakhs)

01	HP Computers Systems HP 600GAMT, Intel 8th Generation core i7 – 8700 
02	Shake Table with power amplifier, exciter 

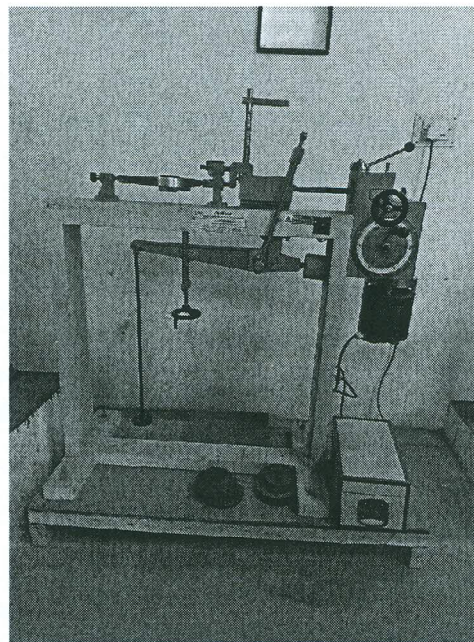
Verified on 13/2/23
(1) Dr. Aravind A. D.
(2) Dr. G. J.

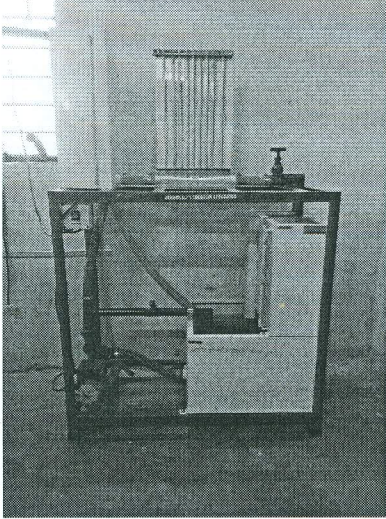
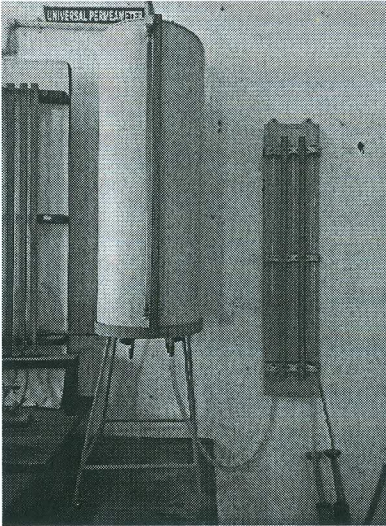
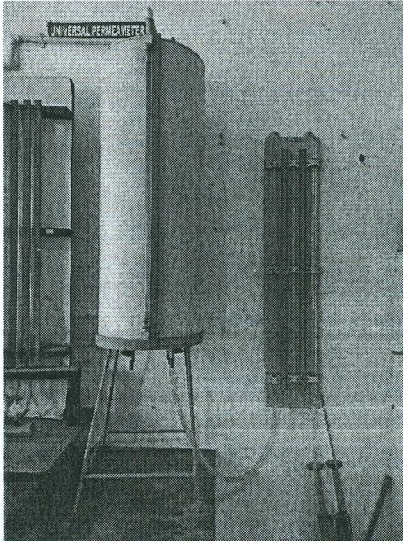
List of Minor Equipment with cost(<5 Lakhs)

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



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



03	<p>Barnaul's Theorem Apparatus</p>  A photograph of a mechanical apparatus used for demonstrating the theorem of moments. It consists of a horizontal beam supported by a central pivot point, with weights hanging from both ends to show equilibrium.
04	<p>Laboratory Permeameter Apparatus</p>  A photograph of a laboratory permeameter apparatus. It features a large vertical cylindrical tank on a stand, connected to a network of pipes and valves, used for studying fluid flow through porous media.
05	<p>Over Head Tank made of steel approx 37, 50cm dia X 01 Mtr high 110 lit capacity</p>  A photograph of a large, vertical, cylindrical steel overhead tank. It is mounted on a metal stand and has various pipes and valves attached to its side, used for storing water in a laboratory setting.

Professor and Head
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(1) Narasimha Rao

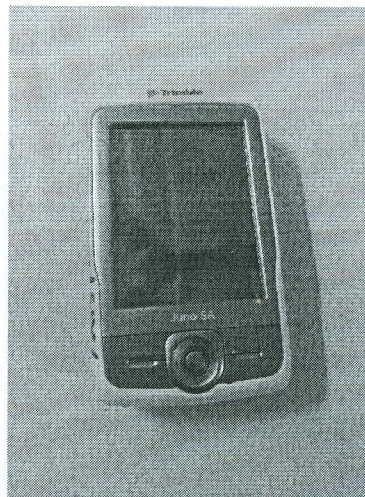
(2) [Signature]

Verified on 13/2/23

Signature of the Head of the Department
Dr. Ambedkar Institute of Technology
Bengaluru - 560 056

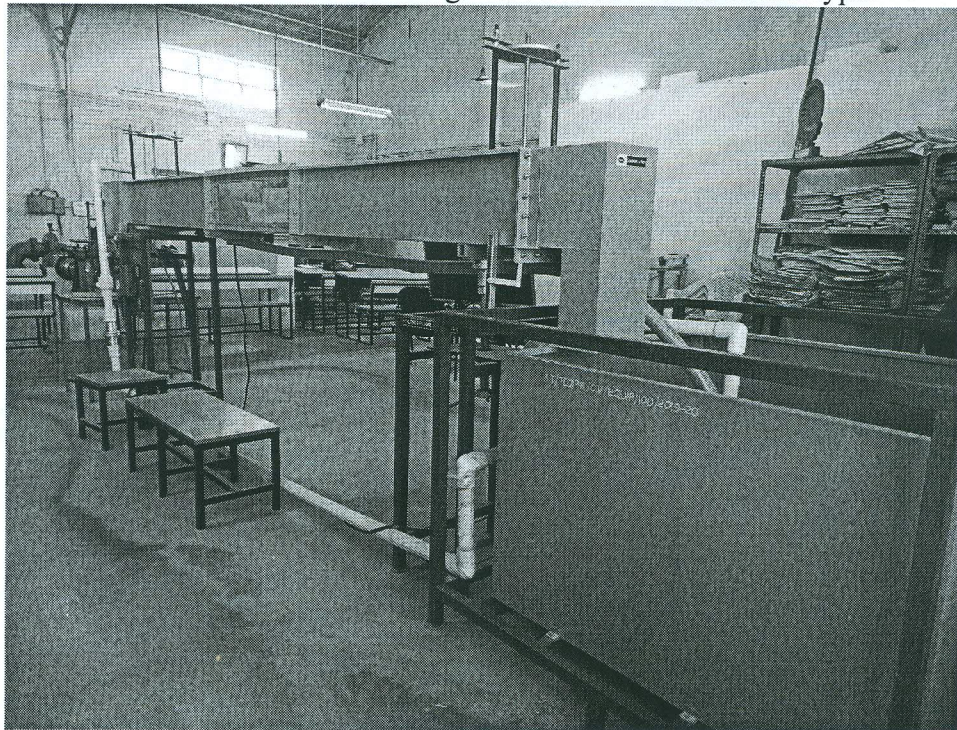
06

JUNO SA Hand Held GPA



07

Venture Flume and standing wave Flume: Close circuit type.



Services offered;
Faculties offered to oversee the research activities:
Achievements:
Major Grants received:
Major MOU signed:
International Collaborators:



Dr. Ambedkar Institute of Technology, Bengaluru-56
Department of Civil Engineering

List of MSc by Research. Awarded

MSc by Research awarded: 2019

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

MSc by Research awarded: 2021

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

MSc by Research awarded: 2022

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

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

Total Number 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 (1) Narayana Nand

(2) 

Professor and Head
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Dr. Ambedkar Institute of Technology
Bangalore - 560 056

List of Ph.D. awarded

Ph.D. awarded:2019

Sl No	Name of the Student	USN	Gender	Year of Registration	Full Time-FT/Part time-PT	Title of the Thesis	Name of the Research Supervisor/Co-Supervisor	Name of the University	Date of Completion of the PhD	Link: Abstract of the Thesis
1	Lokeshwari M	4PS06PCM01	Female	2006	Part Time	Solid Waste Management Issues in Mysore City : Acase study	Dr. C. Nanjundaswamy	VTU	18-03-2019	https://drive.google.com/file/d/1wv2006d46qt8gszVQey4aThV8vbell3t/view?usp=share_link
2	Neethu Urs B A	1DA10PCN01	Female	2010	Part Time	Damage Detection and Assessment of Residual Strength of Structures using Vibration based Techniques	Dr. M N Hegde	VTU	18-6-2018	Nil
3	B. Surekha	1DA10PCN02	Female	2010	Part Time	Energy in Construction	Dr. M N Hegde	VTU	03-1-2019	Nil

Verified on 13/2/23 (1) Dalalipau. nand
(2) [Signature]

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

						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 No	Name of the Student	USN	Gender	Year of Registration	Full Time- FT/Part time-PT	Title of the Thesis	Name of the Research Supervisor/Co- Supervisor	Name of the University	Date of Completion of the PhD	Link: Abstract of the Thesis
01	Prakruthi Gowd	1DA13PCN01	Female	2013	Part Time	Damage Detection in Structures using Wavelet Neural Networks	Dr. M N Hegde	VTU	29-12-2020	Nil

Ph.D. awarded:2021

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

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Professor and Head
Department of civil Engineering
Dr.Ambedkar Institute of Technology

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

Ph.D. awarded:2022

S l N o	Name of the Student	USN	Gender	Year of Registration	Full Time-FT/Part time-PT	Title of the Thesis	Name of the Research Supervisor/Co-Supervisor	Name of the University	Date of Completion of the PhD	Link: Abstract of the Thesis
1	Radhika M Patel	CV15F07	Female	2015	Full Time	Numerical analysis of pile supported Geogrid-Reinforced Embankments on soft grounds	B R Jayalekshmi	NITK	15-10-2022	https://drive.google.com/file/d/1wv20O6d46qt8gszVQey4aThV8vbell3t/view?usp=share_link
2	Hemanth Kumar V	CV16F08	Male	2016	Full Time	Effect of working temperature on rheological properties of crumb rubber modified binders with warm mix additives	Dr. Suresha S N	NITK	15-10-2022	https://drive.google.com/file/d/1wv20O6d46qt8gszVQey4aThV8vbell3t/view?usp=share_link

Sl No	No of PhD awarded(Numbers only)			
	2019	2020	2021	2022
1	04	01	0	03

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

Verified on 13/1/23 (1) Narasimhaiah

(2) G. S.

Professor and Head
Department of civil Engineering
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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

Verified on 13/2/23
(1) Narasimha Rao
(2) H. G.


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

(6)

Grants

On-Going Research Project Details: 2019

Sl No	Name of the Principal Investigator	Name of the Co-Principal Investigator	Title of the Research Project	Scheme	Name of the Funding agency	Type of the funding agency(Govt/Non-Govt)	Project Sanctioned date	Total amount sanctioned in Rs	Sanctioned Order No.	Durati on in Years	Link
01	S Soun desh wara n	Dr. Vijaya S	Synthesi s of Mangeto - Rheologi cal (MR) Fluid for Enginee ring Applicat ions	Dr. AIT R&D Grant Schem e	R&D Cell	Govt.	16-03-2020	240000 -/-	Dr.AIT/R&D/2019-20/20	2	https://drive.google.com/file/d/17RsAimwTYEGrCbQOxIOiLRBcfEHyyV2g/view?usp=share link

On-Going Research Project Details: 2020

Sl No	Name of the Principal Investigator	Name of the Co-Principal Investigator	Title of the Research Project	Sche me	Name of the Funding agency	Type of the funding agency(Govt/Non-Govt)	Project Sanctioned date	Total amount sanctione d in Rs	Sanctioned Order No.	Durati on in Years	Link
01	Dr. C. Nanjunda swamy	-	Assesme nt of Indoor air pollutio n and its	RPS	All India Council for Technic al	Govt.	13-03-2020	941000 -/-	8-8/FDC/RPS/SC&ST (Policy-1)/2019-20	3	https://drive.google.com/file/d/17RsAimwTYEGrCbQOxIOiLRBcfEHyyV2g/view

Verified on 13/2/23 by Tarahpav. Nand
12/9/23

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Bangalore - 560 056

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

			impact on human health		Educational						?usp=share_link
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On-Going Research Project Details: 2021

Sl No	Name of the Principal Investigator	Name of the Co-Principal Investigator	Title of the Research Project	Scheme	Name of the Funding agency	Type of the funding agency(Govt/Non-Govt)	Project Sanctioned date	Total amount sanctioned in Rs	Sanctioned Order No.	Duration in Years	Link
01	Dr. S D Venkataraja Mohan	-	Studies on Geotechnical properties of contaminate soil along the vrishabhavathi river stretch and its implication	44th series of SPP-KSCST	KSCST	Govt.	14-07-2021	5000	44S_BE_2230	0.5	https://drive.google.com/file/d/17RsAimwTYEGrCbQOXlOiLRBcfEHyyV2g/view?usp=share_link

On-Going Research Project Details: 2022

Sl No	Name of the	Name of the Co-	Title of the	Scheme	Name of the	Type of the funding	Project Sanctioned date	Total amount	Sanctioned Order No.	Duration in Years	Link
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(Signature)
Narasimhan

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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

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

Completed Research Project Details: 2020

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

Completed Research Project Details: 2021

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

Completed Research Project Details: 2022

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

Verified on 13/2/23 10 Narubhan Nand

12 9-41

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Dr.Ambedkar Institute of Technology, Bengaluru-56
Department of Civil Engineering

(7)

Research Faculty details.

#	Name of the Research Supervisor	Designation	Specialization	M.Tech Awarded University	Year of Award	PhD Awarded University	Year of Award	Year of Recognition as a guide	Is the faculty still serving in the institution/if not last year of service of the faculty in the institution
01	Dr. S. Vijaya	PROFESSOR	Geotechnical Engineering	UVCE	1996	UVCE	2010	2011	Yes
02	Dr. C. Nanjundaswamy	PROFESSOR	Environmental Engineering	IIT Bombay	1992	University of Roorkee	2000	2001	Yes
03	Dr.S.D.VENKATARAJA MOHAN	PROFESSOR	Environmental Engineering	UVCE	1995	UVCE	2011	2012	Yes
04	Dr. M.N. Hegde	PROFESSOR	Structural Engineering	UVCE	1991	IISc.	2009	2010	Yes

Verified on 13/2/23 by Narayana V. Nand

(2) P. G.


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Department of Civil Engineering
Dr. Ambedkar Institute of Technology
Bangalore - 560 056



CV Research Guides

#	Name of the Research Supervisor	Designation	Specialization	M.Tech Awarded University	Year of Award	PhD Awarded University	Year of Award	Year of Recognition as a guide	Is the faculty still serving in the institution/if not last year of service of the faculty in the 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

Verified on 13/1/23 by Narasimhan Nand

(3) 


Professor and Head
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Dr.Ambedkar Institute of Technology, Bengaluru-56
Department of Civil Engineering

9

International Journals

Faculty Publications: 2019

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
01	Dr. Chandra Sekar	-	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	17-04-2019	899-908	12	-	2019	https://doi.org/10.1007/s11869-019-00696-7 v

Faculty Publications: 2020

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
01	M. Soumya	-	Provenance and Implications of Heavy	high-grade metamorphic minerals are	09-03-2020	353-361	36	2	2020	https://doi.org/10.2112/JCOASTRES-D-19-00046.1

Verified on 13/2/23
(2) Dr. Chandra Sekar
(2) Dr. Soumya

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			Minerals in the Beach Sands of India's Central West Coast	attributed to an external source brought by alongshore drift.						
02	Dr. S D Venkataraja Mohan	-	Effect of Shear Strength of BC Soil with NanoMaterial and Fly Ash	-	-	-	-			https://xajzkjdx.cn/gallery/106-june2020.pdf

Faculty Publications: 2021

Sl. No	Name of the Faculty/Name of the Guide	US N	Title of the Paper	Research description	Date of Introduction (DOI)	P P	Vol. NO	Issue No	Year	Link
01	S.S. Honnanagoudar	-	Solvation, rotational dynamics, photophysical properties study of aromatic asymmetric diketones:	Solvation energy increases in the energy with respect to Stokes shift	1-09-2021	-	337	116456	2021	https://doi.org/10.1016/j.molliq.2021.116456

Handwritten signature and text:
K. Anil Kumar

Handwritten signature and stamp:
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Dr. Ambedkar Institute of Technology
Bangalore - 560 086

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Department of Civil Engineering

			An experiment al and theoretical approach							
02	Venkataraja Mohan S D	-	Characteris tics Of Wear Resistance and Hardness Investigati on Of Graphite Powder Filler And Kevlar Fiber Reinforced Polypropyl ene Matrix Composite s – A Taguchi's Approach.	the shore D hardness of the composites was investigate d as per the ASTM standards	23-03- 2021	-	58	-	20 21	https://doi.org/10.17762/pae.v58i2.3433
03	C. Nanjundas wamy	-	Tribologic al and mechanical investigati on of coir- silk reinforced	the wear life of the composites was increased by 35% and water	-	-	-	1091	20 21	DOI 10.1088/1757-899X/1091/1/012052

Verified on 13/4/23 10 Nanjundas wamy

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			polypropylene based matrix composites	absorption capability increased by 42%						
04	C Nanjundas wamy	-	Application of Heavy Metal Pollution Index and Metal Index for the Assessment of Groundwater Quality in Peenya Industrial Area	The mean MI concentration was 27.1, and it was discovered that 73 percent of groundwater samples were "Seriously Affected" (MI value > 6.0).	22-05-2021	-	822	-	2021	DOI 10.1088/1755-1315/822/1/012033
05	Dr. C Nanjundas wamy	-	Structural, photocatalytic and electrochemical studies on facile combustion synthesize d low-cost nano	This superior electrochemical behaviour suggests the potential application of the optimized NP	3-09-2021	-	6	3	2021	https://www.sciencedirect.com/science/article/pii/S2468217921000393

Dr. C Nanjundas wamy

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			chromium (III) doped polycrystal line magnesium aluminate spinels	material as an anodic electrode for supercapacitors.						
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	81-89	117	-	2021	https://doi.org/10.1007/978-981-15-9984-2_7

Faculty Publications: 2022

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
01	Dr. C. Nanjundaswamy	-	Assessment of Seasonal Variation of Groundwater Quality	to assess the seasonal variations of groundwater quality	27-06-2022	1071-1087	256	167	2022	https://link.springer.com/chapter/10.1007/978-981-19-1862-9_69#citeas

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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	Nil

National Conference

Faculty Publications: 2019

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	Nil

Faculty Publications: 2020

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	Nil


Faculty Publications: 2021

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	Nil

Faculty Publications: 2022

Verified on - 13/2/23 by Narasimha V. Nand!

(2) 14/2/23


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[illegible]

Faculty Publications: 2022

[illegible]

International Conference

Faculty Publications: 2019

[illegible]

Faculty Publications: 2020

[illegible]

Faculty Publications: 2021

[illegible]

Faculty Publications: 2022

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Taaliparand

Professor and Head
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Dr.Ambedkar Institute of Technology, Bengaluru-56
Department of Civil Engineering

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	Nil

Verified on 13/2/23 (U. Narasimha Naidu)
G. S.

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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, 7 th 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, Email ID, Phone No	Description of the collaboration/Activities taken	Year	Link
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Verified on 13/2/23 by Narayana Nand.

(Signature)

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

List of Industry Advisory Board
Description of activities so far:

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

G. K. Narasimha Rao

[Signature]
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Bangalore - 560 075

Expert_ID	Exp	Qual	Title	First_Name	Last_Name	Date_of_Birth	Gender	Mobile_Num	Email	Address	District	State	Pin_No
			Title of the staff. Mr/ Ms/ Ms/ Dr/P	First name of the faculty	Last name of the faculty. Initials to be put in Second name	Date of birth of the faculty in MM-DD-YYYY format	Male/Female	(10 digit mobile number of faculty)	Email id of faculty. Personal email id is preferred.	Institution address as on the institution website	District where institution is located	State where institution is located	Pincode where institution is located
Example of data to be filled:													
Expert_ID	Exp	Qual	Title	First_Name	Last_Name	Date_of_Birth	Gender	Mobile_Nu mber	Email	Address	District	State	Pin_No
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	L K	14-07-1990	Female	9535471439	ashwinilk181@gmail.com	Dr. AIT	Bangalore	Karnataka	560056
Dr. SSH	341545	-	-	Dr. Somanagouda	Honnagoudar	01-09-1965	Male	9980731985	sh6696@gmail.com	Dr. AIT	Bangalore	Karnataka	560056
Dr. SV	156673	-	-	Dr. Vijaya	S	03-06-1966	Female	9343462295	vijaya_s.cv@drat.edu.in	Dr. AIT	Bangalore	Karnataka	560056
Dr. CNS	342381	-	-	Dr. Chikkamadaiah	Nanjunda Swamy	15-07-1964	Male	9448739885	cnsamy.cv@drat.edu.in	Dr. AIT	Bangalore	Karnataka	560056
Dr. CS	342253	-	-	Dr. Chandrasekar		01-01-1965	Male	-	chandrasekar.cv@drat.edu.in	Dr. AIT	Bengaluru	Karnataka	560056
Mr. SBA	156667	-	-	Mr. Ankesh	SB	05-03-1983	Male	9916933226	ankeshsb2005.cv@drat.edu.in	Dr. AIT	Bengaluru	Karnataka	560056
Mr. MKD	341205	-	-	Mr. Darshan	M K	28-01-1990	Male	9591876666	darshan.cv@drat.edu.in	Dr. AIT	Bengaluru	Karnataka	560 056
Mrs. PKB	341213	-	-	Mrs. Purnima	Biranagi	08-08-1988	female	9731362259	purnimakb.cv@drat.edu.in	Dr. AIT	Bengaluru	Karnataka	560056
Mrs. SRM	342413	-	-	Mrs. Supriya	R.M	13-08-1984	female	7348979304	supriya.cv@drat.edu.in	Dr. AIT	Bengaluru	Karnataka	560056
Mr. MNK	156676	-	-	Mr. Naveenkumar	M.	15-03-1992	Male	9590255897	naveen.cv@drat.edu.in	Dr. AIT	Bengaluru	Karnataka	560056
Mr. SB	156302	-	-	Mr. Sharath	B	07-16-1992	Male	8147352040	sharath.balarama.cv@drat.edu.in	Dr. AIT	Bengaluru	Karnataka	560056
Mr. ACA	341228	-	-	Mr. Ashwin	C A	12-12-1990	Male	9620555246	ashwin.cv@drat.edu.in	Dr. AIT	Bengaluru	Karnataka	560056
Dr. RC	342153	-	-	Dr. Rakesh	C.	04-09-1989	Male	8050800410	rakeshava.cv@drat.edu.in	Dr. AIT	Bengaluru	Karnataka	560056
Mrs. SSD	342209	-	-	Ms. Sneha	S D	12-11-1994	Female	9591292236	snehasd.cv@drat.edu.in	Dr. AIT	Bengaluru	Karnataka	560056
Mrs. RB	341222	-	-	Mrs. Rajeshwari	B	10-06-1989	Female	8660751594	rajeshwarib.cv@drat.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	B R	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@drat.edu.in	Dr. AIT	Bengaluru	Karnataka	560056
Dr. RMP	341650	-	-	Dr. Radhika M.	Patel	18-07-1989	Female	9880545979	radhika.cv@drat.edu.in	Dr. AIT	Bengaluru	Karnataka	560056
Dr. MNH	-	-	-	Dr. M. N.	Hegde		MALE	9741006095	mmmhedge@gmail.com	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. MJB	342833	-	-	Ms. Mary Bhagya	Jyothi.J	19-05-1994	female	9481039158	marybhagyajyothi.cv@drat.edu.in	Dr. AIT	Bengaluru	Karnataka	560056

Verified on 13/2/23

Dr. Nalliyar Nand

(3) 9-56

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

Verified on 13/2/23 12 Nalalipat nand

(2) 9-5/11

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Organisation name as mentioned in the institution website	Organisation_Type	Organisation_URL	Working_From_Month	Working_From_Year	ORCID_ID	Researcher_ID	Scopus_ID	Google_Scholar_ID
	Technical Institute/College/University 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: DQjizQAAAAJ
Organisation name	Organisation_Type	Organisation_URL	Working_From_Month	Working_From_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	i-2365-2017	57190131893	SgUAIOgAAAAJ&hl
Dr. AIT	Technical Institute	https://www.drait.edu.in/	January	2023	0000-0001-5515-8069	HLW-9361-202	-	sV9rHO1AAAAJ
Dr. 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	Technical Institute	https://www.drait.edu.in/	September	1997	0000-0001-8988-8269	rid45576	HLX-4637-202	1SRIQR0AAAAJ
Dr. AIT	Technical Institute	https://www.drait.edu.in/	April	2015	0000-0002-8195-5962	-	-	-
Dr. AIT	Technical Institute	https://drait.edu.in/	January	2016	0000-0001-9186-5111	-	-	x_TtMP8AAAAJ&hl
Dr. AIT	Technical Institute	https://drait.edu.in/	January	2016	0000-0003-3183-1993	-	-	-
Dr. AIT	Technical Institute	https://drait.edu.in/	January	2017	0000-0003-2930-9442	-	-	-
Dr. AIT	Technical Institute	https://drait.edu.in/	December	2018	0000-0002-3564-6587	-	-	-
Dr. AIT	Technical Institute	https://drait.edu.in/	December	2018	0000-0003-2234-8529	-	-	HxfBXAYAAAAJ&hl
Dr. 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	-	-	-
Dr. AIT	Technical Institute	https://drait.edu.in/	october	2021	0000-0002-3164-017X	-	-	-
Dr. AIT	Technical Institute	https://drait.edu.in/	NOVEMBER	2021	0000-0003-1170-3337	-	-	-
Dr. AIT	Technical Institute	https://drait.edu.in/	NOVEMBER	2021	0000-0002-2319-8342	-	-	-
DR. AIT	TECHNICAL INSTITUTE	https://drait.edu.in/	FEBRUARY(4)	2016	0000-0002-4148-6567	-	-	drJb_LQAAAAJ
DR. AIT	TECHNICAL INSTITUTE	https://drait.edu.in/	4	2022	0000-0002-4130-1155	45558	57216493682	oG_VemQAAAAJ
Dr. AIT	Technical Institute	https://drait.edu.in/			0000-0003-4845-0935		55973414500	bWObAbkAAAAJ&hl
Dr. AIT	Technical Institute	https://www.drait.edu.in/	December	1992				
Dr. AIT	Technical Institute	https://drait.edu.in/	December	2018				

Verified on 13/4/23 by Dalip Singh Dand

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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 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: 2021

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
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	25-05-2021	24-05-2027	5	https://prakruthi-institute-of-environmental.business.site/ https://drive.google.com/file/d/1qOz936KsAnGcgWbi0QC53PXGXD9RTVcz/view?usp=share_link

Verified on 13/2/23 by Narasimha V. Nand

12/2/23

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Dr. Ambedkar Institute of Technology,
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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/file/d/1qOz936KsAnGcgWbi0QC53PXGXD9RTVcz/view?usp=share_link

MOUs: 2022

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

Description of activities so far conducted:

Handwritten signature:
Narasimha Rao

Handwritten signature:
Professor and Head
Department of civil Engineering
Dr.Ambedkar Institute of Technology
Bangalore - 560 001

Publications *statistcs*:

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	7		
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		
2002	0	0	0	0	0	0	0		
2001	0	0	0	0	0	0	0		
2000	0	0	0	0	0	0	0		

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Quarterly plan to realize annual Target(Calender Year 2023)

#	Major/Minor Activity	Target: Quarter-1			Target: Quarter-2			Target: Quarter-3			Target: Quarter-4			Total
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	
1	R & D Awareness Program(Publication, Patent,Funding)-Internal Experts	-	-	1	-	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)	-	-	-	-	-	-	-	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)	-	-	-	-	-	-	-	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
10	FDPs on Research, Consultancy, Patents and related activities(FDP - 04Nos ATAL FDP / IIT / IIM / NITs per year)	-	-	-	-	1	-	-	-	1	-	-	-	2
11	Organizing Student - R&D Events (For Dr AIT)	-	-	-	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.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
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	Chidhanandha 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/IJERTV8IS070404	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.com/papers/ijtsrd28017.pdf

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4	Varun S P /B.S.Suresh chandra		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	Volu me 3	Iss ue 6,	October 2019	https://www.ijtsrd.com/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	-	-	<u>17 April 2019</u>	https://doi.org/10.1 007/s11869-019- 00696-7

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6	Akshay N /Dr.M.N. Hegde		Seismic response of structure considering soil structure interaction for soft soils in different zones	As the static analysis approximates the response to a large extent. A detailed dynamic analysis is necessary to understand the real behavior of the superstructure	-	1720-1725	Volume: 05	Issue: 08	Aug 2018	https://www.irjet.net/archives/V5/i8/IRJET-V5I8297.pdf
7	Vivek/Dr.M. N. Hegde		Effectivness of different crack depth at various locations of steel frma structure	The current study involves the analysis of a steel frame structure using SAP-2000 software tool. The crack depth of 5mm and 10mm are introduced into the structure at various level and the parameters such as frequency, time period and displacement are studied.	-	1771-1774	Volume: 06	Issue: 09	Sep 2019	https://www.ijtsrd.com/papers/ijtsrd28017.pdf
8	Sushmitha N /Dr.M.N. Hegde		Hramonic analysis of cantilever beam with & without cracks	By modal analysis the vibration parameters such	-	692-695	Volume: 06	Issue: 09	Sep 2019	https://www.irjet.net/archives/V6/i9/IRJET-V6I9102.pdf

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				as Eigen frequencies and mode shapes are obtained.						
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Student Publications: 2020

Sl. No	Name of the Student/Name of the Guide	US N	Title of the Paper	Research description	Date of Introduction (DOI)	PP	Vol.N O	Issue No	Year	Link
1	Shashikala B S Sureshchandra		Comparative Study of Different Lateral Load Resisting System on Different Shapes of Building	These loads are resisted by various lateral load resisting systems. The primary boundaries considered in this report is to contrasting the seismic presentation of various models for direct static investigation are; Top	33437	684 - 690	Volume-4	Issue-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

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				storey displacements, Storey drift ratios, Storey shears and for dynamic analysis are; Torsion moments, Time Period and Response Spectrum. Keywords :						
2	Varun M1, B S Sureshchandra2		Seismic Analysis of Multi Storey RC Building with and Without Fluid Viscous Damper	Objective of this study is to compare results obtained from static and response spectrum analysis in both longitudinal and transverse direction for	-	455 - 461	Volume 4	Issue 6	October 2020	https://www.ijtsrd.com/papers/ijtsrd33390.pdf

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				with and without damper building						
3	Shiva Jayanth B S / M N Hegde		Dynamic Analysis of Structural Steel Frame Subjected 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 performance of the steel frame is examined by dynamic analysis	-	109 - 114	Volume-4	Issue-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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				subjected to transient thermal load.						
4	Shashikala B S Sureshchandra		Comparative Study of Different Lateral Load Resisting System on Different Shapes of Building	These loads are resisted by various lateral load resisting systems. The primary boundaries considered in this report is to contrasting the seismic presentation of various models for direct static investigation are; Top storey displacements, Storey drift ratios, Storey shears and for	33437	684 - 690	Volum e-4	Issue-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

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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 development due to construction	-	744 - 750	Volume 4	Issue 6,	October 2020	https://www.ijtsrd.com/papers/ijtsrd33458.pdf

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				of multinational companies in rural areas aiming for pollution and environmental free campuses leading urban trend & housing demand etc.						
6	Rohan G Raikar1, Dr. Shivakumaraswamy2, Dr. S Vijaya3, M. K Darshan4		Seismic Analysis of Framed R.C. Structure with Base Isolation Technique using E-Tabs	The Lead Rubber Bearing (LRB) is designed as per UBC-97 code and the same was used for the analysis of base isolation system. Here we shall	IJTSRD33166	1477-1483	Volume 4	Issue 5	July-August 2020	https://www.ijtsrd.com/papers/ijtsrd33166.pdf

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				studying earthquake resistivity of structure by analyzing the base isolation structure to compare its structural performance with fixed base isolation.						
7	Pooja 1, Dr. Vijaya G S2		DYNAMI C ANALYSIS OF REGULAR AND IRREGULAR RC FRAMES WITH STEEL BRACING AND MEGA BRACING USING ETABS	The present work deals with Dynamic analysis of RC frame with different types of steel bracings like X, V, K, Diagonal bracings and Mega bracings using	-	174 5-174 8	Volum e: 05	Issue : 06	June - 2018	https://www.irjet.net/archives/V5/i6/IRJET-V5I6329.pdf

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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		Progressive Collapse Analysis of Multi Storey Steel Structure with Bracing Systems using E-Tabs	The displacement of bare frame models can be reduced by 55%, 55% and 63% by adopting bracings such as Diagonal bracing, V Bracing and X Bracing systems. The progressive collapse analysis	-	973 - 977	Volume 4 Issue	Issue 6,	October 2020	https://www.ijtsrd.com/papers/ijtsrd33544.pdf

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				shows the failure of upper level beams. It is estimated that, the maximum increase in percentage of DCR value for beams are around 38%, 52% and 59% for location A, B and C respectively						
9	Pooja V1, Dr. S Vijaya2, Dr. B Shivakumaraswamy3, Kavya H K4		Dynamic Analysis of Steel Structure with Bracings and Dampers under Wind and Earthquake Loads	In the present study, a 15-storey building is considered. The structure is subjected to both wind and dynamic loadings.	-	691 - 695	Volume 4	Issue 6,	October 2020	https://www.ijtsrd.com/papers/ijtsrd33436.pdf

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				The Modelling and analysis are carried out using ETABS software						
2	Sudhan / B S Sureshchandra		Design of Grid Slab/Floor	Grid slab/floor are designed for long span structure where no intermediate columns are provided in order to accumulate large public gathering, meeting assembly etc. the design for stable, compatible structure for long term serviceability.	-	510 - 512	Volume 4	Issue 6,	September-October 2020	https://www.ijtsrd.com/papers/ijtsrd33400.pdf

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Student Publications: 2021

Sl No	Name of the Student/Name of the Guide	U S N	Title of the Paper	Research description	Date of Intro ducti on (DOI)	P P	Vo l.N O	Is s u e N o	Y ea r	Link
1	Girish K. H./ S. S. Honna nagoud ar*		GEOLOGI CAL AND GEOMOR PHOLOGI CAL ANALYSI S AND HYDROG EOCHEM ICAL ENVIRON MENT OF AQUIFER S OF THE SOUTHE RN WEST COAST OF KARNAT AKA, INDIA	Number of lineaments cut across each other and some lineaments are parallel to each other. The Arabian sea class is the largest among other land cover features in the study area. The river/tidal creek land cover appear as	10.3 6106 /ijsr	5 4- 5 7	Vo lu me - 10	Is s u e - 0 3 1	M ar ch - 20 21	https://www.worldwidejournals.com/international-journal-of-scientific-research-(IJSR)/recent_issues_pdf/2021/March/geological-and-geomorphological-analysis-and-hydrogeochemical-environment-of-aquifers-of-the-southern-west-coast-of-karnataka-india_March_2021_5116061742_9239808.pdf

Girish K. H.
Honnar Nagoudar

V. S. N.
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				long irregular and sinous in outline.						
2	Pavankumar VS2, Rangaswamy G 3, Sameera siyam4, Shilpa NG/ Sharath B		Comparative study on Properties of High strength Hybrid FRC with conventional concrete	The aim is to study characteristics and comparison of the mechanical properties of steel and glass fiber reinforced concrete with conventional concrete.	DOI: 10.35629/5252-030714931503	14931503	Volume 3, Issue 7	July 2021		https://ijaem.net/issue_dcp/Comparative%20Study%20on%20Properties%20of%20High%20Strength%20Hybrid%20FRC%20with%20Conventional%20Concrete.pdf
3	.; Baskaran, S.; Leela, M. H/ Nanjundaswamy, C		Digital Pedagogy for Sustainable Learning	'Education for Sustainable Development (ESD)' bridges the gap between the traditional and	https://doi.org/10.354293/education.v9i3.3881	179-185	9	3	June 2021	https://eric.ed.gov/?id=EJ1300885

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			contempor ary era that receives global acceptanc e and global reach. The present study outlines how contempor ary platforms developed with unified efforts by combining experts, profession als, academici ans, practitione rs, learners and curriculum as a result of blended application on theory							
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				and practical knowledge and augments students' employability.						
4	Vinay Kumar D, Mohan N, Rajesh K, Sachit T S, Akshay Prasad M/ Venkat araja Mohan S D,	Characteristics Of Wear Resistance and Hardness Investigation Of Graphite Powder Filler And Kevlar Fiber Reinforced Polypropylene Matrix Composites – A Taguchi's Approach	From the investigation it is concluded that higher the percentage of reinforcement 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/10.17762/pae.v58i2.3433	28	2	(2021)	http://psychologyandeducation.net/pae/index.php/pae/article/view/3433		

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Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil
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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
Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil

Student Publications: 2022

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
Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil

International Conference

Student Publications: 2019

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
Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil

Student Publications: 2020

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
Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil

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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
Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil

Student Publications: 2022

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
Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil

National Conference

Student Publications: 2019

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
Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil

Student Publications: 2020

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
Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil

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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
Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil

Student Publications: 2022

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
Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil

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