



INDEX SHEET

CRITERIA NO. 5

PROGRAM CONDUCTED DURING 2020-2021 (AUG 2020 TO JULY 2021)

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SIR M. VISVESVARAYA INSTITUTE OF TECHNOLOGY
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SL. NO.	TITLE OF THE PROGRAM	DATE	DEPARTMENT	PAGE NO
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SIR M VISVESVARAYA INSTITUTE OF TECHNOLOGY
HUNASAMARANAHALLI, VIA: YELAHANKA, BANGALORE - 562 157
DEPARTMENT OF BIOTECHNOLOGY

Outreach Program on "Awareness on Biotechnology - Experiments & Models exhibition" 27/03/2021

Report

Department of Biotechnology, Sir MVIT organized an outreach program on Awareness on Biotechnology - Experiments & Models exhibition for PUC students on 27th March 2021. A total of 24 students, 11 parents and 1 biology teacher Presidency School, Kasthurinagar took active participation in the event. The event was coordinated by 6th and 8th semester BE Biotechnology students. Preparation of all the scientific models at the different labs and demonstration of experiments was done by 6th semester BE Biotechnology students towards AICTE-VTU activity points.

A brief orientation presentation was made by 6th and 8th semester students highlighting the scope and prospects of Biotechnology. Followed by this Prof H G Nagendra, Head, Dept. of Biotechnology answered the queries by students and parents.

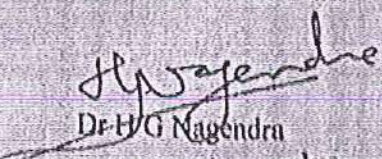
PUC students were divided into subgroups of 10 students each for lab tours. Even parents were interested to visit the labs as group. All the students and parents visited Bioinformatics, Microbiology, Genetic Engineering, Biochemistry, Immunotechnology, Unit operations and Process Control labs. Bioinformatics lab showed some exciting videos on communicable diseases and also the novel COVID 9 and its infection mechanism. Microbiology lab demonstrated experiments of motility, bacterial culture, gut microbiome, antibiotic sensitivity. Genetic Engineering lab showed DNA isolation and Cell division experiments, a model of recombinant DNA technology was explained and also the project on nutritional formulation was displayed. Biochemistry lab showed milk and food adulteration tests. Immunology lab demonstrated blood typing test, thin layer chromatography and wine fermentation process. All the models and experiments were demonstrated by 6th and 8th Semester students of BE-Biotechnology. Over-all coordination was done by 8th semester students and the 6th semester students prepared the scientific models and experiments demonstration.

After the visit of every lab 3 to 4 questions based quiz and feedback was collected from all the students. From parents overall feedback was collected.

Prof H G Nagendra, Head, Dept. of Biotechnology made concluding remarks on the event and distributed the saplings to the parents and teachers as a token of appreciation. Ms Sudha Murthy, Head of Biology Department, Presidency School shared her feedback of the event and highly appreciated the efforts by the students and staff towards explaining all the science themes to the students and they also mentioned the whole exercise was very useful to those PUC students.

Overall this whole event has helped students of BE-Biotechnology towards programs outcomes on engineers concerns towards society (PO6), their ability to work in teams and as individuals (PO9) and also their communication skills in teaching and convincing the students on the concepts (PO10). All the soft skills learnt through such societal activities are part of life-long learning process (PO12). We are extremely thankful to Sri KET and Sir MVIT for the support towards the successful conduction of this event.

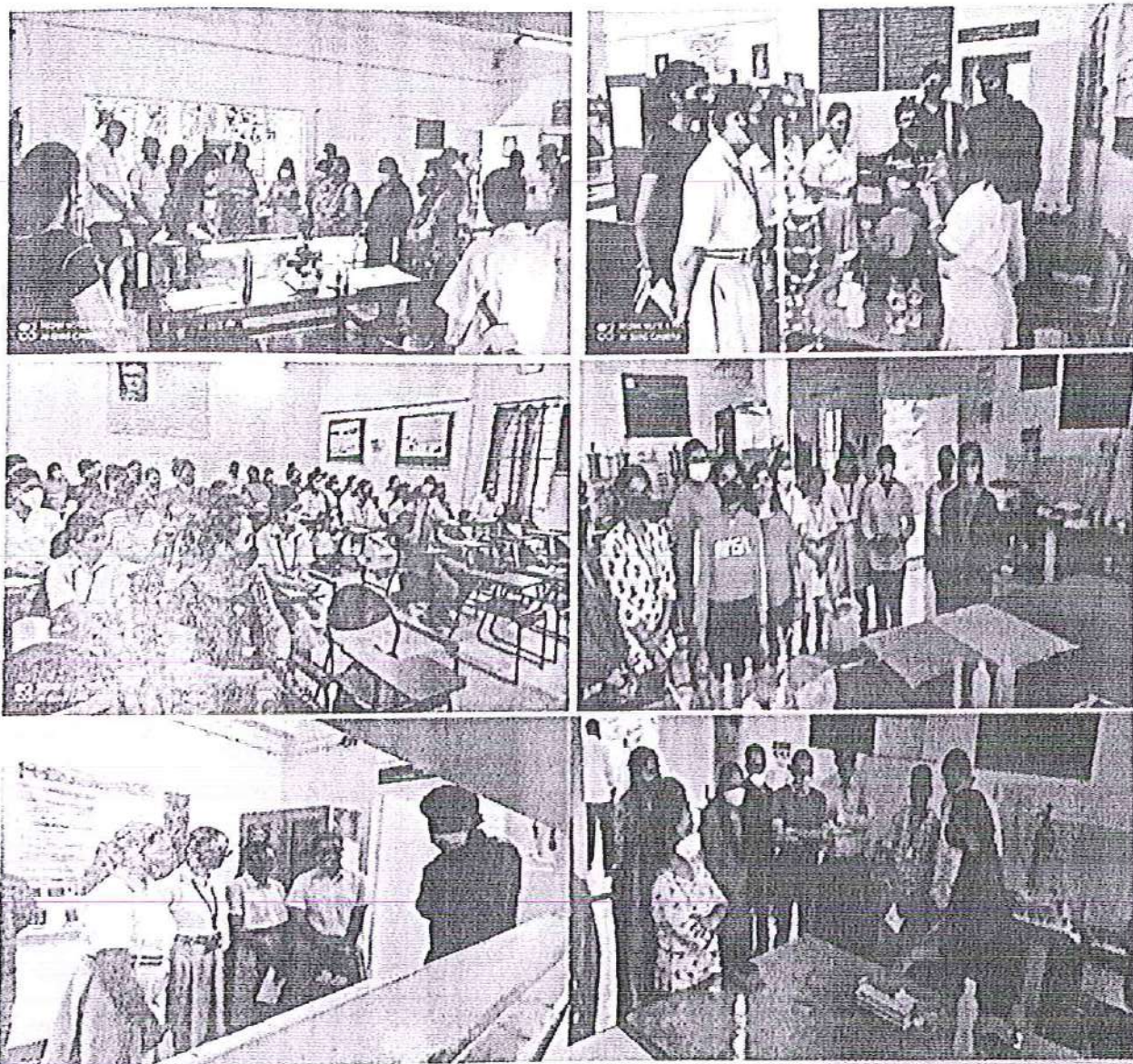

Dr Rajini K V
Assistant Professor & Event Co-ordinator

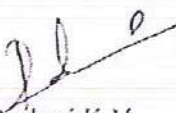

Dr H.G. Nagendra
Professor & Head
Department of Biotechnology
Sir M Visvesvaraya Institute of Technology
BANGALORE - 562157

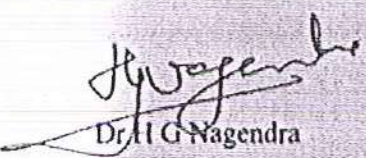
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Glimpses of Outreach Program On "Awareness on Biotechnology - Experiments & Models exhibition"

27/03/2021




Dr Rashmi K V
Assistant Professor & Event Co-ordinator


Dr H G Nagendra
Dr H.G. Nagendra
Professor & Head
Department of Biotechnology
Sir M Visvesvaraya Institute of Technology
BANGALORE - 562157

Government High School

Bettahalasuru

Bengaluru North Division 4

Bengaluru North District

To

25/03/2021

Dr H G Nagendra
Head of the Department
Department of Biotechnology
Sir M Visvesvaraya Institute of Technology
Bengaluru - 562157

Respected Sir,

Subject: Thanking for involving our students for "Biology Experiments and Models Exhibition" on 24/03/2021

We are extremely grateful to Department of Biotechnology, Sir M Visvesvaraya Institute of Technology for having invited our teachers and 8th standard students for the "Biology Experiments and Models Exhibition" at your various labs on 24/03/2021. All the experiments demonstrated and scientific models displayed were greatly appreciated by our students and staff. We express our heartfelt thanks to the entire faculty and BE students who involved in making this event very successful.

We look forward to have many more such student helpful activities in association with you.

Thanking you

H/C Nagendra
ಮುಖ್ಯಸ್ಥರು (ಪರಿಶಿಷ್ಟರು)
ಶಿಕ್ಷಣ ಮತ್ತು ಮಾನವ ಸಂಪನ್ಮೂಲ
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ಬೆಂಗಳೂರು ನಗರ ಪಾಲಿಕೆ



SIR M. VISVESVARAYA INSTITUTE OF TECHNOLOGY
BANGALORE 562 157



DEPARTMENT OF BIOTECHNOLOGY

CORDIALLY INVITES ONE & ALL

TO THE OUTREACH PROGRAM ON

"Biology Experiments & Models exhibition"

TIME : 10 AM to 3 PM
DATE : 27th March 2021
VENUE : Biotechnology Department

Schedule	
Timings	Activities
10AM to 10.30AM	Orientation Talk
10.30AM to 1PM	Experiments and Model Demonstration in the different labs
1PM to 2PM	Lunch break
2PM to 3PM	Activities (Quiz, Games etc.) and Feedback and concluding remarks

Target audience: PUC students

Student coordinators: 6th and 8th semester students

Dr Rashmi K V
Faculty Coordinator

Dr H G Nagendra
Head of the Department

Dr H.G. Nagendra
Professor & Head
Department of Biotechnology
Sir M Visvesvaraya Institute of Technology
BANGALORE - 562157

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⑧ 23/03/2021
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SIR M. VISVESVARAYA INSTITUTE OF TECHNOLOGY
BANGALORE 562 157



DEPARTMENT OF BIOTECHNOLOGY

**CORDIALLY INVITES ONE & ALL
TO THE OUTREACH PROGRAM ON**

"Biology Experiments & Models exhibition"

TIME : 10 AM to 1.30 PM
DATE : 24th March 2021
VENUE : Biotechnology Department

Schedule	
Timings	Activities
10AM to 10.15AM	Registration and Orientation
10.15 AM to 1PM	Experiments, Model Demonstration and activities in the different labs
1PM to 1.30PM	Feedback and concluding remarks

Target audience: High school students

Student coordinators: 6th and 8th semester students

Dr Rashmi K V
Faculty Coordinator

Dr H G Nagendra
Head of the Department
Dr H.G. Nagendra
Professor & Head
Department of Biotechnology
Sir M. Visvesvaraya Institute of Technology
BANGALORE - 562157

2 Rajesh Sanyal

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5 P. K.

6 A. Niveditha 23/03/2021

7 Jagadeesh K. A.

8 23/03/2021

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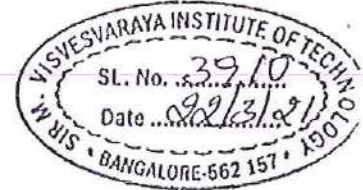
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SIR M VISVESVARAYA INSTITUTE OF TECHNOLOGY
HUNASAMARANAHALLI, VIA: YELAHANKA, BANGALORE - 562 157
DEPARTMENT OF BIOTECHNOLOGY

Ref: No. VIT/BT/ 244 /2020-21

Date: 22.03.2020

To,
THE PRINCIPAL
Sir M Visvesvaraya Institute of Technology
Bangalore - 562 157



Respected Sir,

(THROUGH PROPER CHANNEL)

Sub: Request to grant permission to conduct "Biology Experiments and Models Exhibition" as a community outreach program on 24th and 27th March 2021 - reg.

We would like to inform your kindself that, Department of Biotechnology, Sir M Visvesvaraya Institute of Technology is planning to organize a community outreach program on 22nd and 27th March 2021. This exhibition is planned for rural government high school students and aspiring PUC students to kindle their interest in Biology and Biotechnology.

In view of COVID19 SOPs we have split the event for two days i.e., on 24th March 2021 for school students and 27th March 2021 for PUC students. There will be biology models and experiments demonstrated to students at the various laboratories of our department. Around 30 high school students and 40 PUC students have expressed their willingness to participate on those respective days.

This event will be a part of AICTE-VTU activity points as well as execution of this outreach program helps our BE Biotechnology students to attain POs 6, 7, 9, 10 and 12.

This event is planned under the department forum activity and money is already sanctioned from Sri KET (Order copy enclosed).

In this regard we request your kindself to grant us permission to conduct this outreach event on these dates i.e., 24th and 27th March 2021 and oblige.

Thanking you,

Yours Sincerely,

Dr. Rashmi K V
Assistant Professor

Forwarded for favourable consideration
Dr. H.G. Nagendra
22/3/2021
Dr H.G. Nagendra
Professor & Head
Department of Biotechnology
Sir M Visvesvaraya Institute of Technology
BANGALORE - 562157

HOD BT
Resubmitted
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SRI KRISHNADEVARAYA EDUCATIONAL TRUST

No. 16, Ballari Road, Sadashivanagar, Bengaluru - 560 080

Ref.No.KET/ 157 /2019- 2020/1383

Date: 11/02/2020

NOTE:

Sub: Approval for release of funds to JAIVIK Forum A/c

Ref: Letter from HOD, Bio-Technology vide No. VIT / BT / 318 / 2019-2020, dated 14/01/2020 vide Principals' endorsement No. 4328, dated 16/01/2020.

With reference to the above, permission is hereby accorded to transfer an amount Rs.79,500/- (Rupees Seventy Nine Thousand Five Hundred Only) to JAIVIK Forum Account for smooth conduct of events planned under the Forum, activities.

Detail report with statement of expenditure with bills/vouchers be sent on conclusion of each event. Expenditure be incurred judiciously by observing all the purchase formalities.

Dr. K. R.
14/2/2020

(K.SYAMA RAJU)
SECRETARY

To
Accounts Officer,
Sri KET,
Bengaluru.

Copy to:

01. The Principal, Sri MVIT, Bengaluru
02. The HOD, Bio-Technology, Sri MVIT, Bengaluru.

By DJL

(7)

SIR M VISVESVARAYA INSTITUTE OF TECHNOLOGY
HUNASAMARANAHALLI, VIA: YELAHANKA, BANGALORE - 562 157
DEPARTMENT OF BIOTECHNOLOGY

Biology Experiments and Models exhibition - Community Outreach Program

24/03/2021

Report

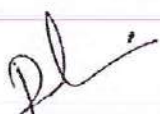
Department of Biotechnology, Sir MVIT organized an outreach program on Biology Experiments and Models exhibition for rural school students on 24th March 2021. A total of 33 students and 2 teachers from Govt. High School, Bettalsur took active participation in the event. The event was coordinated by 6th and 8th semester BE Biotechnology students. Preparation of all the scientific models at the different labs and demonstration of experiments was done by 6th semester BE Biotechnology students towards AICTE-VTU activity points.

School students were divided into subgroups of 10 students each for lab tours. Students visited Bioinformatics, Microbiology, Genetic Engineering, Biochemistry, Immunotechnology, Unit operations and Process Control labs. Bioinformatics lab showed some exciting videos on communicable diseases and also the novel COVID 9 and its infection mechanism. Microbiology lab demonstrated experiments of motility, bacterial culture, gut microbiome, antibiotic sensitivity. Genetic Engineering lab showed DNA isolation and Cell division experiments, a model of recombinant DNA technology was explained and also the project on nutritional formulation was displayed. Biochemistry lab showed milk and food adulteration tests. Immunology lab demonstrated blood typing test, thin layer chromatography and wine fermentation process. All the models and experiments were demonstrated by 6th and 8th Semester students of BE-Biotechnology. Over-all coordination was done by 8th semester students and the 6th semester students prepared the scientific models and experiments demonstration.

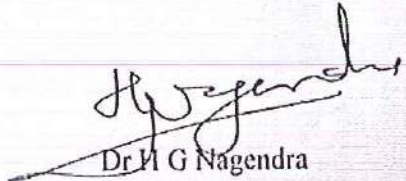
After the visit of every lab 2-3 questions based quiz and feedback was collected from all the students. After the lab visits all the students have participated in few science games as a recreation activity.

Prof H G Nagendra, Head, Dept. of Biotechnology made concluding remarks on the event and distributed the saplings to the school teachers as a token of appreciation. School teachers also shared their feedback of the event and highly appreciated the efforts by the students and staff towards explaining all the science themes to the students and they also mentioned the whole exercise was very useful to those school students.

Overall this whole event has helped students of BE-Biotechnology towards programs outcomes on engineers concerns towards society (PO6), their ability to work in teams and as individuals (PO9) and also their communication skills in teaching and convincing the students on the concepts (PO10). All the soft skills learnt through such societal activities are part of life-long learning process (PO12). We are extremely thankful to Sri KET and Sir MVIT for the support towards the successful conduction of this event.

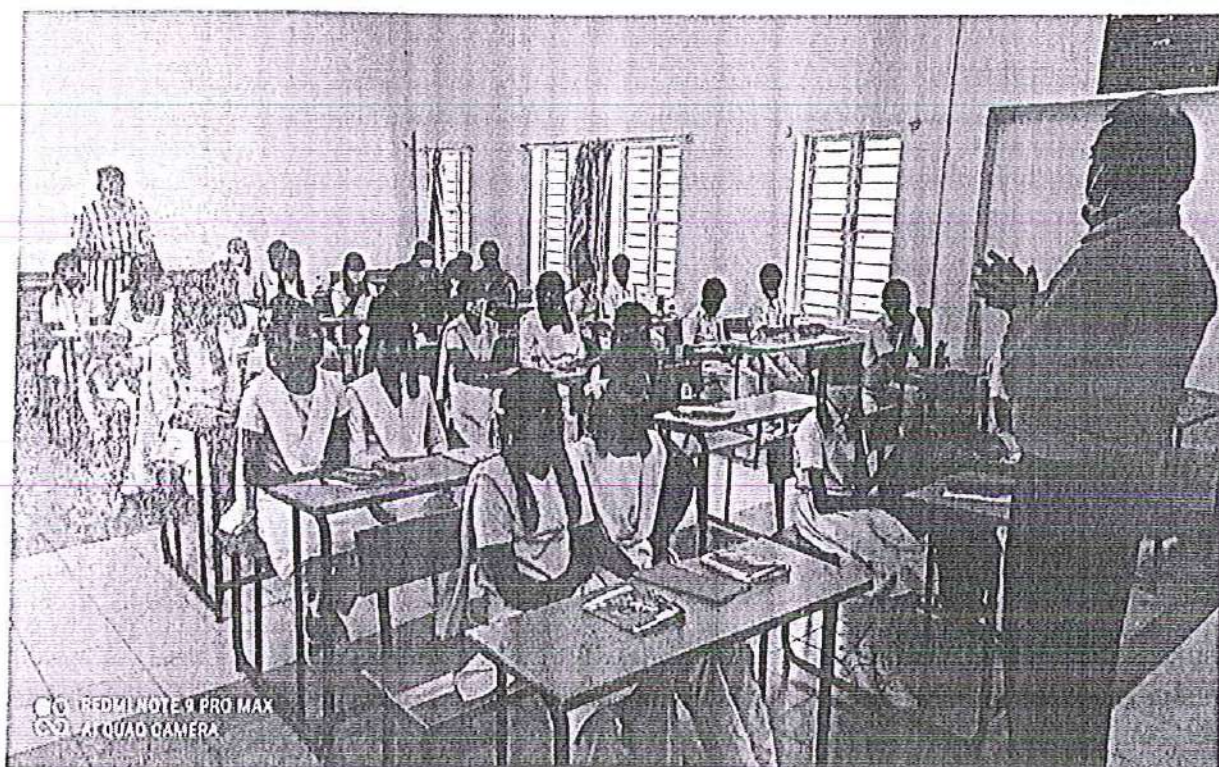

Dr Rashmi K V

Assistant Professor & Event Co-ordinator

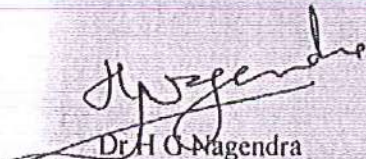

Dr H G Nagendra

Dr H.G. Nagendra
Professor & Head
Department of Biotechnology
Sir M. Visvesvaraya Institute of Technology
BANGALORE - 562157

Glimpses of Biology Experiments and Models exhibition 24/03/2021




Dr Rashmi K V
Assistant Professor & Event Co-ordinator


Dr H G Nagendra
Professor & Head
Department of Biotechnology
Sir M Visvesvaraya Institute of Technology
BANGALORE - 562157

SIR M VISVESVARAYA INSTITUTE OF TECHNOLOGY
HUNASAMARANAHALLI, VIA: YELAHANKA, BANGALORE - 562 157
DEPARTMENT OF BIOTECHNOLOGY

Report on one day Outreach program on "Value addition in Sericulture farming"
4/3/2021

Department of Biotechnology, Sir MVIT has organized a one day Outreach program on "Value addition in Sericulture farming" on 4/3/2021 in association with Aspartika Biotech Pvt.Ltd and Sericulture Department, Bengaluru Rural Division. There were 25 field officers and farmers participated in the event. The 3rd semester BE Biotechnology students were also participated in this outreach program as a part of their AICTE-VTU activity.

The objectives of this program were:

- To create awareness to sericulture farmers and sericulture department field officers on the effective utilization of wastes of sericulture into value added products to gain additional income.
- To expose farmers, field officers and students to various products and processes already developed by Aspartika Biotech Pvt. Ltd., a Sir MVIT Incubatee company.
- To establish connect between students and farmers to understand the real world problems in the Sericulture farming.

The Chief guests of the event were,

1. Dr Prabhakar, Deputy Director of Sericulture, Bangalore Rural Zillapanchayath, Beerasandra
2. Dr K P Chinnaswamy, Former Deputy Registrar, UAS, Bengaluru
3. Shri Mallur Shivanna, Farmers Leader

This event was presided by Dr V R Manjunath, Principal, Sir MVIT. Dr H G Nagendra, HOD, Department of Biotechnology, Sir MVIT welcomed the gathering. Dr V R Manjunath, Principal, Sir MVIT made presidential remarks by highlighting the importance of sustainable agricultural practices. Dr Prabhakar, Deputy Director of Sericulture, Bangalore Rural Zillapanchayath explained the unawareness of the sericulture farmers on the effective utilization of sericulture industry wastes and he also mentioned both farmers and officers of sericulture department are curious to know about the products from effective utilization of sericulture industry wastes. Mr Shrinivas B V, Director, Aspartika Biotech.Pvt. Ltd., explained in detail the various wastes generated by the sericulture industry like pupae, worm excreta, mulberry leaves. He explained from waste pupae omega-3-fatty acids and proteins can be extracted. Omega-3-fatty acids are used to improve cardiovascular health and other health benefits. The proteins extracted from pupae can be used in poultry or aqua feeds. Mulberry leaves can be used to prepare tea. From the excreta of the silkworm GABA and chlorophyll can be extracted. Beyond these, the silkworm pupae can also be used to grow the Cordyceps mushroom. Cordyceps is an expensive mushroom because of its wide health benefits. He also explained the various technologies available to make develop novel products from sericulture wastes.

Dr K P Chinnaswamy, Former Deputy Registrar, UAS, Bengaluru, in his remarks appreciated the efforts of Aspartika Biotech.Pvt. Ltd., in coming up these products from sericulture wastes. He mentioned more awareness has to be created in the farming community to adopt these products in the daily life.

Shri Mallur Shivanna, Farmers Leader in his remarks highlighted these technologies can really improve the income of farmers if practiced in scientific way.

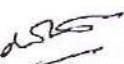
Students, Farmers and sericulture field officers discussed with the technical team of Aspartika Biotech.Pvt. Ltd., on their doubts about the technologies introduced to them.

At the end all the participants were presented with a sapling as a token of gratitude. Lunch was served at the Men's hostel mess to all of them.

This event has helped the students in the following aspects of program outcomes:

- Realizing the roles of a biotechnology engineer in farming society (PO6).
- Effective utilization of sericulture wastes in reducing the environmental pollution and increasing the income towards sustainable agricultural practices (PO7).
- Function individually and in a team to develop products or process (PO9).
- Effectively communicate to farmers on effective utilization of sericulture wastes (PO10).
- Life-long learning (PO12)

On a whole the event was very fruitful in creating awareness among the community on the effective utilization of sericulture wastes.


Niveditha A

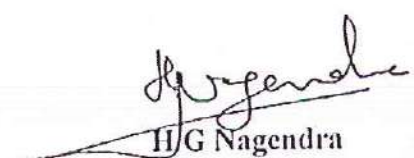
Associate Professor

AICTE-VTU Activity Co-ordinator


Rashmi K V

Assistant Professor

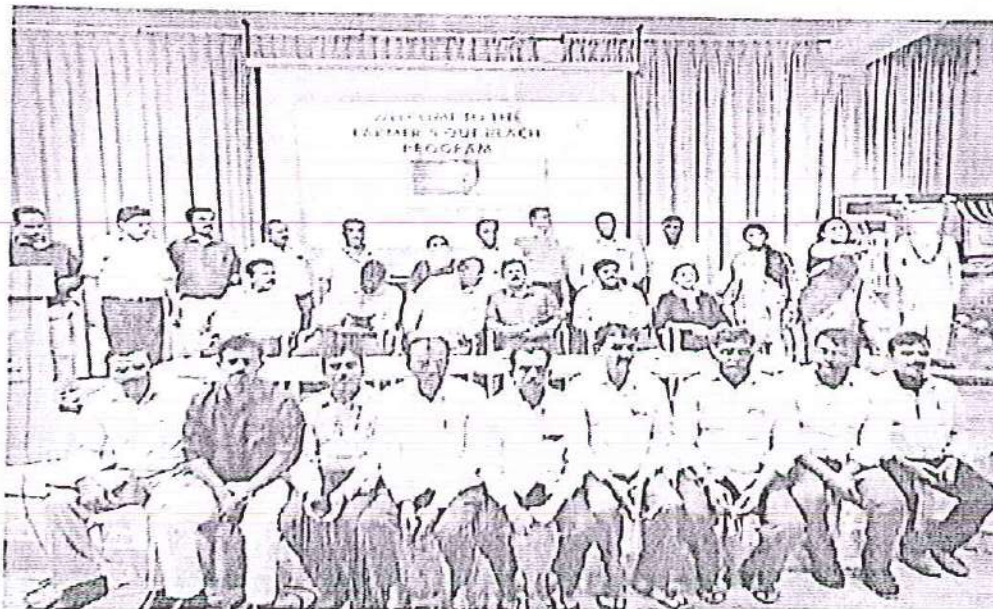
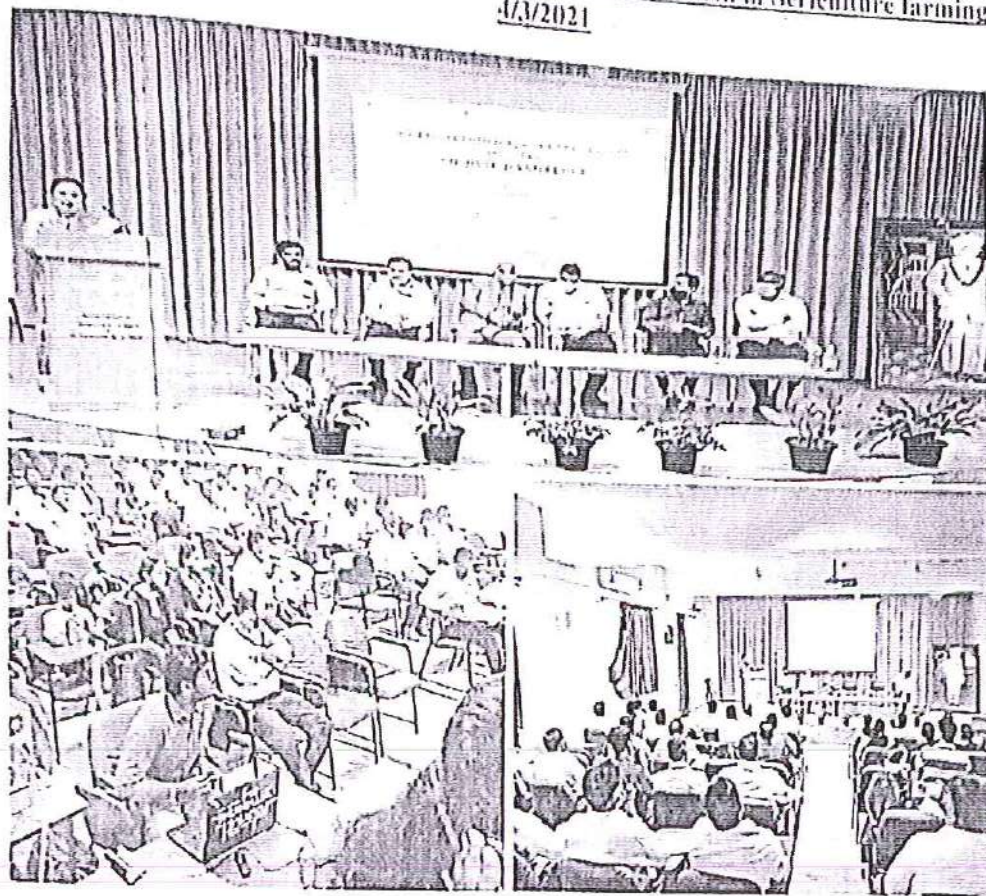
JAIVIK Forum Co-ordinator


H.G. Nagendra

Dr. H.G. Nagendra

Professor in Charge
Department of Biotechnology
Sir M. Vasthyanatha Institute of Technology
BANGALORE - 562157

Glimpses of one day Outreach program on "Value addition in Sericulture farming"
4/3/2021



A. Niveditha

Niveditha A

Associate Professor

AICTE-VTU Activity Co-ordinator

Rasimi K V

Rasimi K V

Assistant Professor

JAIVIK Forum Co-ordinator

H.G. Nagendra

H.G. Nagendra

Dr H.G. Nagendra

Professor & Head

Department of Technology

Sir M. Viswambharan Institute of Technology
BANGALORE - 560 075

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SIR M VISVESVARAYA INSTITUTE OF TECHNOLOGY
BENGALURE - 562157

DEPARTMENT OF BIO TECHNOLOGY
III SEMESTER[2019 Batch]

OUTREACH PROGRAM WITH FIELD OFFICERS
[INTERACTIONS WITH SERICULTURE SCIENTISTS AND FARMERS]

REGISTRATION

04/03/2021

SL. NO.	USN	NAME	Signature	
			Morning	Afternoon
1	1MV19BT001	AASHITHA C SHEKAR		
2	1MV19BT002	ACHYUTH S V		
3	1MV19BT003	ADVAITH K G		
4	1MV19BT004	APARNA B S		
5	1MV19BT005	CHATURTHY		
6	1MV19BT006	DEEPIKA BHAT		
7	1MV19BT007	EMILEE GRACIA DOMNIC		
8	1MV19BT008	GOWDA SNEHA DEVE		
9	1MV19BT009	GURURAJ A		
10	1MV19BT010	K HRUTHIK KUMAR RAJU		
11	1MV19BT011	KAVYA BAI O P		
12	1MV19BT012	MADHUMITHA K		
13	1MV19BT013	MAHALAKSHMI N		
14	1MV19BT014	MAITHRI B M		
15	1MV19BT015	NAGASHREE S		
17	1MV19BT017	PRANESH KULASEKHAR		
18	1MV19BT018	RICHARD STEPHEN S		
19	1MV19BT019	ROHAN THOMAS CHERIAN		
20	1MV19BT020	ROHIT JOHN CHRIAN		
21	1MV19BT021	SAMARTH RAJE URS P A		
22	1MV19BT022	SHREYA P		
23	1MV19BT023	SHRUTHI P		
24	1MV19BT024	SMRITI HUNSIGI		
25	1MV19BT025	SRINJANA RAHA		
26	1MV19BT026	SYEDA DANIYA IMAN		
27	1MV19BT027	THEJASHREE M		
28	1MV19BT028	TRISHA C		
29	1MV19BT029	UMA MAHESHWARI A		
30	1MV19BT030	UPPU AISHWARYA		
31	1MV19BT031	VIDHYASHREE S		
32	1MV19BT032	VRITHI RAJU		
33	1MV18BT015	JANVI RONI		
34	1MV18BT042	URVIJA UMESH DUBEY		

SIR M VISVESVARAYA INSTITUTE OF TECHNOLOGY
BENGALURU - 562157

DEPARTMENT OF BIO TECHNOLOGY

OUTREACH PROGRAM WITH FIELD OFFICERS
[INTERACTIONS WITH SERICULTURE SCIENTISTS AND FARMERS]

OUTSIDE PARTICIPANTS
REGISTRATION

04/03/2021

SL. NO.	NAME	DESIGNATION	CONTACT NUMBER	SIGNATURE
1	TR. VIRENDRA BABU	SEO	9909257490	[Signature]
2	S. Srinivasan	extension	9440995540	[Signature]
3	K. S. Thilak Kumar	S.O.	921337-865	[Signature]
4	Dr. Manjunath	Director	8147586524	[Signature]
5	SOMASHEKHAR.V.	L.D	9986589058	[Signature]
6	Prakash. K. Sambhram	S.O	8861107698	[Signature]
7	Nagaraj. G. Sheth	SP	9149810066	[Signature]
8	Udaya	Asst. Director of Sericulture	9448518290	[Signature]
9	H. Srinivasan	S.O. T. Sc. & H.C.	8722281388	[Signature]
10	Chandrasekhar	C.R.C. & S.O. H.C.	9779687776	[Signature]
11	K. Srinivasan	T.P.C. Sericulture	9980506887	[Signature]
12	M. RAMU.	Sericulture Inspector, S.O. H.C.	996471530	[Signature]
13	C. B. Kudari	Sericulture Director	9923016975	[Signature]
14	P. Srinivasan	S.D.	9148182873	[Signature]
15	L. S. RAMESH	Sericulture Inspector	9108326571	[Signature]

SL. NO.	NAME	DESIGNATION	CONTACT NUMBER	SIGNATURE
17	P. Subramanyam	Secy. S.O.	8695701847	T. V. Ramani
18	G. M. Balachandran	SUCRC	9342289267	G. M. Balachandran
19	Deepthi Kumar. C. A.	SUCRC	9632665050	Deepthi
20	M. Ramakrishna Reddy	Assistant Director	9845573335	M. Ramakrishna Reddy
21	N. Ravi	CR	9845227451	N. Ravi
22	M. Lakshmanan	CR	9448447516	M. Lakshmanan
23	Jeyaraman D	RSP, CR	9845152526	Jeyaraman D
24	S. R. R. TANILIA	Assistant Director of Surveillance	9440463202	S. R. R. TANILIA
25	A. Jagaraj. G. S. Sweth	Deputy Director	9449810066	A. Jagaraj. G. S. Sweth
26				
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SIR M VISVESVARAYA INSTITUTE OF TECHNOLOGY
HUNASAMARANAHALLI, VIA: YELAHANKA, BANGALORE - 562 157
DEPARTMENT OF BIOTECHNOLOGY
JAIVIK FORUM



Brief CV

Name of the Speaker:	Dr Prabhakar
Designation & Organization:	Deputy Director Sericulture Dept Bengaluru Rural, Kolar
Academic Qualifications:	MSc. Sericulture, from US
Number of Publications and Patents:	10
Awards and achievements:	Best extension worker - state level award - 2014

Quiz on Outreach program on "Value addition in Sericulture farming" conducted on 4/3/2021

* Required

1. Email *

2. Name and USN *

3. Sericulture is *

1 point

Mark only one oval.

- ☐ growing mulberry for tea
- ☐ cultivation of silkworms to produce silk
- ☐ cultivation of worms to produce proteins
- ☐ None of them

4. Silkworm's scientific name is *

1 point

Mark only one oval.

- ☐ Bombyx mandarina
- ☐ Bombyx rotundapex
- ☐ Bombyx shini
- ☐ Bombyx mori

(17)

8. From which of the following wastes of sericulture industry chlorophyll can be extracted * 1 point

Mark only one oval.

- ☐ Pupae
☐ Larvae
☐ Reeling effluent
☐ silkworm excreta

9. The only food of silkworms is 1 point

Mark only one oval.

- ☐ insects
☐ mushrooms
☐ mulberry leaves
☐ larvae of other insects

10. cosmetically valuable silk protein is * 1 point

Mark only one oval.

- ☐ fibroin
☐ sericin
☐ niacin
☐ thymine

11. Discarded silkworm pupae can be used for the extraction of * 1 point

Mark only one oval.

- ☐ silk
☐ fibroin
☐ omega 3 fatty acids
☐ flavonoids

Timestamp	Email Address	Score	Name and USN
3/5/2021 16:31:09	prank9664@gmail.com		10 / 10 Pranesh Kulasekhar 1MV
3/5/2021 16:32:06	bruthikaraju1816@gmail.com		8 / 10 K HRUTHIK KUMAR RAJ
3/5/2021 16:34:08	januroni99@gmail.com		10 / 10 Janvi Roni 1MV18BT015
3/5/2021 16:35:45	baikavya1@gmail.com		10 / 10 1MV19BT011
3/5/2021 16:39:31	aparnabs9844@gmail.com		10 / 10 1MV19BT004
3/5/2021 16:51:20	rockonemilee@gmail.com		10 / 10 Emilee Gracia 1MV19BT0
3/5/2021 16:55:02	thejashreem14@gmail.com		10 / 10 Thejashree M 1MV19BT0
3/5/2021 17:12:33	hsmriti24@gmail.com		8 / 10 Smriti hunsigi 1mv19bt02
3/5/2021 17:13:47	maithri_bm3@gmail.com		9 / 10 MAITHRI B M 1MV19
3/5/2021 17:27:01	achyuthgutha2001@gmail.com		10 / 10 Achyuth sv and 1MV19BT
3/5/2021 17:31:36	sam210ckm@gmail.com		10 / 10 Samarth Raje Urs P.A
3/5/2021 17:42:22	trishac312@gmail.com		10 / 10 Trisha C 1MV19BT028
3/5/2021 17:44:02	shru2607@gmail.com		10 / 10 Shruthi P 1MV19BT023
3/5/2021 18:03:50	richardstephen088@gmail.com		10 / 10 Richard Stephen, 1MV19
3/5/2021 18:05:25	chaitu0318@gmail.com		10 / 10 CHATURTHY 1MV19BT0
3/5/2021 18:16:10	sdbhat3010@gmail.com		10 / 10 Deepika Bhat_1MV19BT
3/5/2021 19:16:53	vnthir@gmail.com		10 / 10 1MV19BT032
3/5/2021 19:57:27	nagashreesankarshan@gmail.com		10 / 10 1MV19BT015
3/5/2021 20:18:48	urviadubey@gmail.com		9 / 10 Urvija Dubey-1MV18BT0
3/5/2021 21:02:37	gururajreddy008@gmail.com		10 / 10 1MV19BT009
3/5/2021 21:19:15	madhumitharajuk@gmail.com		10 / 10 Madhumitha.k.1MV19BT0
3/5/2021 21:47:21	aashithacshekar@gmail.com		10 / 10 Aashitha C Shekar 1MV1
3/6/2021 9:14:58	srinjanarahamvbi@gmail.com		10 / 10 Srinjana raha 1MV19BT0
3/6/2021 11:02:51	shreyaprao153@gmail.com		7 / 10 Shreya P 1MV19BT022
3/6/2021 11:07:21	vidhyashreem5@gmail.com		10 / 10 Vidhya Shree S 1MV19BT



SIR M. VISVESVARAYA INSTITUTE OF TECHNOLOGY
BANGALORE
DEPARTMENT OF COMPUTER SCIENCE AND
ENGINEERING

Kreator's Workshop 2020

15

Venue : Science Seminar Hall

Date : 15-02-2020

Time: 9:30 to 4:30 pm

Year : Even sem

wise

Faculty Incharge:

Dr. Ajina .A

Mrs. Rekha B.N

Mrs. Savita P

Mrs. Mayuri k.P

20

Sir M Visvesvaraya Institute of Technology

Department of Computer Science and Engineering

16

Date: 28/02/2020

CIRCULAR

This is to inform that Department of CSE is organizing a seminar on 28th February 2020 in co-ordination with IBM in the areas of "Conduct Leading with Mindset", "Leading with diversity" & "The decision making process". All the faculties are requested to join.

Faculty Coordinators

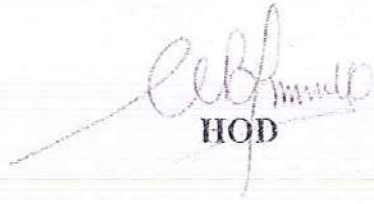
1. Mrs.Pallavi R
2. Mrs.Sushila Shidmal
3. Mrs.Kousar

Pallavi R
8-20

Seminar Coordinator

(Dr A Ajina)




HOD

21

Sir M Visvesvaraya Institute of Technology

Department of Computer Science and Engineering

17

Date: 10/03/2020

CIRCULAR

This is to inform that Department of CSE is organizing a seminar on

11th March 2020 in co-ordination with CIIL in the areas of "APPLE

IOS". All the faculties are requested to join.

Faculty Coordinators

1. Mrs. Pallavi R
2. Dr. Ajina A
3. Mrs. Kousar

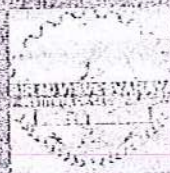
Pallavi R
Ajina A
Kousar

Pallavi R
HOD

22

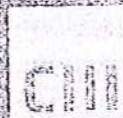
Sir M. Visvesvaraya Institute of Technology, Bengaluru

Affiliated to VTU, Bangalore. Approved by AICTE & Accredited by NAAC UGC
K. J. Somaiya Institute of Technology & Management, K. J. Somaiya Institute of Management, Bangalore - 562157



Department of Computer Science and Engineering

Centre for Industry Institute Interaction (CII)

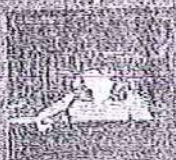


Women in Tech



Cordially invite for a National Level (SDP) Webinar on
"Engineers as an Entrepreneur"

By



Ms. Mansi Chadha, Co-Founder at Clean Hives
Alumni-Entrepreneur

Date: 29th May 2020 Time: 10am to 11am

Registration Link: shorturl.at/eqFP7

E- Certificates will be provided to the participants after submitting the feedback

Convenor

Dr. G C Bhanuprakash
Prof. & Head, Department of CSE

Coordinator

Dr. Suma Swamy
Professor

Organiser

Mr. Srinivas B C
Associate Professor

Dr. V. R. Manjunath
Principal



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Kishnadevaraya Nagar, Hunasmaranahalli, International Airport Road, Bangalore-562157

Department of Computer Science and Engineering

&
GLUG MVT

Cordially invites you for a Webinar by

LEANIN

on

#IAmRemarkable

Organized by Leanin Women
in Tech India

Time : 3:00pm to 4:30pm
Date : 30/05/2020 on Saturday
Platform : Zoom



Convener

Dr. G C Bhanuprakash

Prof. and HOD, Dept of CSE

Coordinator

Dr. A. Ajina

Assistant Professor

Registration link : <https://www.surveymonkey.com/r/WTTCampus>

Principal

Dr. V R Manjunath



SIR M. VISVESVARAYA INSTITUTE OF TECHNOLOGY
Krishnadevaraya Nagar, Hunasambanahalli, Off Airport Road, Bengaluru - 562157

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

ORGANIZES NATIONAL LEVEL WEBINAR ON

"WRITING EFFECTIVE RESEARCH PAPERS"

Resource Person

Dr. Shreyas Suresh Rao,
Associate Professor,
Dept. of CSE, SCEM



Organizers

Dr. V. R. Manjunath, Principal
Dr. G. C. Bhanu Prakash, HOD

Faculty Coordinators

Dr. Suma Swamy, Professor
Ms. Pallavi R., Associate Professor
Ms. Savitha P., Assistant Professor

For Registration follow the link

<https://forms.gle/Rjybz5hRpxfd67bi6>

For Group announcements follow the link

<https://chat.whatsapp.com/CKgFlk2nroUGGhHQhGBfDP>

FREE REGISTRATION

E-certificates will be provided to the participants
after submitting the feedback form

Sir M. Visvesvaraya Institute of Technology, Bengaluru



Internal Quality Assurance Cell (IQAC)

Organizes

National Online Quiz for Faculty

on

"Covid-19: Technological and Digital Transformation"

Date: 4th June 2020 Time: 10am to 11am

Registration Free

Registration Link: <https://www.sirmit.ac.in/quiz>

All Successful Participants will be provided with E- Certificates

IQAC Co-ordinator

Dr. E Kavitha

Prof. & Head, Department of ETCE

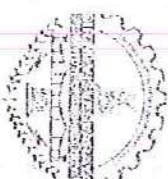
Quiz Coordinator, IQAC member

Dr. Suma Swamy

Professor, Department of CSE

For further queries contact Dr. Suma Swamy – 9886832115

Sir M. Visvesvaraya Institute of Technology, Bengaluru



Internal Quality Assurance Cell (IQAC)

Organizes

National Online Quiz for Students

on

"Covid-19: Technological and Digital Transformation"

Date: 5th June 2020 Time: 10am to 11am

Registration Link: <https://forms.gle/9m7m1a3v6s510>

All Successful Participants will be provided with E-Certificates

IQAC Co-ordinator

Dr. E Kavitha

Prof. & Head, Department of ETCE

Quiz Coordinator, IQAC Member

Dr. Suma Swamy

Professor, Department of CSS

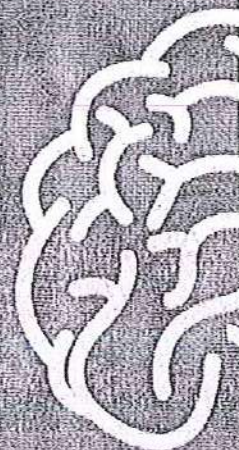
For further queries contact Dr. Suma Swamy - 9886832115



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Krishnadevaraya Nagar, Hunasamaranahalli, International Airport Road,
Bengaluru-562 157

**Department of Computer Science and Engineering
Presents**

National Level Webinar on "Machine Learning Applications-An Industry Perspective"



**Resource Person:
Manoj Raju**

Senior Research Associate, Foundation AI

Date: June 13, 2020

Time: 11:30 am - 12:30 pm

Principal

Dr. V R Manjunath

Convenor

Dr. G C Bhanuprakash, HOD

Webinar Coordinator

Dr. Sumaswamy, Professor

Registration link:

<https://forms.gle/oXJ4D6dxKZy4PbDQ6>

Organised By:

Mrs. Rekha B.N, Associate Professor
Mrs. Mayuri K.P, Assistant Professor
Mrs. Supriya H. S, Assistant Professor
Mr. Suraj Kumar B P, Assistant Professor



SIR M. VISVESVARAYA INSTITUTE OF TECHNOLOGY

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Krishnadevaraya Nagar, Hunasamaranahalli, International Airport Road,
Bengaluru - 562 157

Department of Computer Science and Engineering
Presents

"Data Science and it's Applications"



Resource Person:

Rohit Sardeshpande

Principal, C.S.E. Department, VTU

Registration Link:

<https://forms.gle/EQRHsfQpuwPwEpnz9>

Date: June 13, 2020

Time: 10:00am to 11:00 a.m

Principal

Dr. V R Manjunath, Principal

Convenor

Dr. G C Bhanuprakash, HOD

Webinar Coordinator

Dr. Suma Swamy, Professor

Organised By:

Mrs. Rekha B.N, Associate Professor

Mrs. Mayuri K.P, Assistant Professor

Mrs. Supriya H. S, Assistant Professor

Mr. Suraj Kumar B.P, Assistant Professor



National Level WEBINAR On

Conversational AI, The New UI

By - Late Sri Swameeshwar Prasad, Program Manager, Women Technologists



SCAN ME

Free
Registration

E-Certificate

Powered by

Jointly Sponsored by

Principal: Dr. V.R. Manjunath

Asst. Prof. Dr. A. Ajma

HOD CSE: Dr. G.C. Banu
Prakash

Asst. Prof. Mr. Suraj
Kumar S.P

SIR M. VISVESVARAYA INSTITUTE OF TECHNOLOGY

KRISHNADEVARAYA NAGAR, HUNE-SAMARAVATHI HILL, OFF AIRPORT ROAD, BENGALURU-562157

DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

IN ASSOCIATION WITH CSI STUDENT CHAPTER

A NATIONAL LEVEL WEBINAR ON: "WHO SHOULD I BECOME"

CONVENOR

DR. A. R. MANI NADH, PRINCIPAL

DR. C. C. BHANU PRASAD, HOD

WEBINAR CO-ORDINATOR

Dr. Sudha Swamy, Professor

FACULTY CO-ORDINATORS

Dr. Anitha A. Jagan, Professor

Dr. Mohanraj Choudhrya Kalan, Assistant Professor

JUNE 20

11 AM - 12 PM

FREE REGISTRATION

E-certificates
will be
provided
to the
participants
after
submitting
the feedback
form.



KanuPriya

Entrepreneur, Freelancer

REGISTRATION FORM LINK:

shorturl.at/tNRTW

TELEGRAM GROUP:

shorturl.at/nxKOT

(31)



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KRISHNADEVARAYANAGAR, HUNSAMARANAHALLI, OFF AIRPORT ROAD,
BENGALURU 562 157

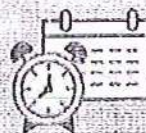
DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

ORGANIZING A NATIONAL LEVEL WEBINAR ON

"HEALTH MANAGEMENT THROUGH AYURVEDA DURING COVID -19 PANDEMIC"



RESOURCE PERSON:
DR. DILEEP KUMAR H.G.
BAMS, MD (AYU)



ON 16TH JULY 2020
03:00 PM TO 4:00 PM

REGISTRATION LINK:

<https://forms.gle/Tyqkk6oV7ApvJeqo7>

WHATSAPP LINK:

<https://chat.whatsapp.com/Cn6vOfSP491DFIqU6iJNp7>



ORGANIZERS:

DR. V.R. MANJUNATH, PRINCIPAL
DR. G.C. BHANU PRAKASH, HOD, CSE

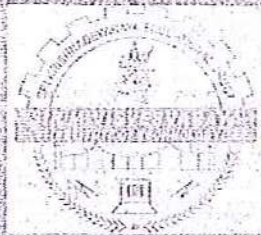
WEBINAR COORDINATOR:
DR. SUMA SWAMY

FACULTY COORDINATORS:
DR. SAVITHA CHOUDARY
RAVI KUMAR H.R.
MONIKA RANI H.G.
DHIVYA V.

E-CERTIFICATE WILL BE PROVIDED TO THE PARTICIPANTS AFTER
SUBMITTING THE FEEDBACK FORM

Free
Registration!

SRI M. VISVESVARAYA INSTITUTE OF TECHNOLOGY
KRISHNADIVARAYA NAGAR, HANASAMARANAHALLI, INTERNATIONAL
AIRPORT ROAD, BANGALORE - 562157
DEPARTMENT OF CSE, SRM VIT



National Level Workshop on 4th to 7th of 2020 at 6:00 PM.

HEIMPS INTO THE WORLD OF SECURITY



M Madhavi

ASSOCIATE PROFESSOR, CSE
DEPARTMENT, ANUPRAJIT UNIVERSITY

Free Registration

Link: <https://forms.gle/cnmoLXzZdMXz7H7>

Certificate will be provided to all the participants.

COORDINATOR

Dr. V. R. Manjunath
Dr. C. R. Manjunath

FACULTY COORDINATOR

Asst. Prof. Mrs. Sushma B.S.
Asst. Prof. Mr. Suresh Kumar B.
Asst. Prof. Mrs. Sushma

(34)

SRI KRISHNADEVARAYA EDUCATIONAL TRUST

SIR M. VISVESVARAYA INSTITUTE OF TECHNOLOGY

International Airport Road, Hunasamaranahalli, Bengaluru - 562157

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING



Organizes National Level Webinar on 5th November, 2020
@ 10:00am to 11.30am

**INNOVATIVE METHOD FOR DESIGNING A DFA
AND ITS APPLICATION TOWARDS LIFE TO MAKE
IT BEAUTIFUL**



DR. SHANTA KUMAR B PATIL
PROFESSOR, DEPT. OF CSE

NAGARJUNA COLLEGE OF ENGINEERING AND TECHNOLOGY

ORGANIZING CHAIR

Dr. V. R. Manjunath
Principal, Sir MVIT

CONVENER

Dr. G. C. Bhanuprakash
Professor & HOD, Sir MVIT

FACULTY CONVENER

Ms. Hemapriya B. C., Assistant Professor

Mr. Sreenivasa B. C., Associate Professor

Ms. Pallavi R., Associate Professor

Registration link: <https://forms.gle/XuYJ8jKX9UJxZgEg7>

Webinar link: <https://meet.google.com/bbn-vydh-jhu>

E-certificate will be provided to all the registered participants!!!

SIR M VISVESVARAYA INSTITUTE OF
TECHNOLOGY

Hunasamaranahalli, Yelahanka, Krishnadevaraya
Nagar, Bengaluru, Karnataka 562157

DEPARTMENT OF COMPUTER
SCIENCE AND ENGINEERING

ORGANISES A NATIONAL LEVEL
WEBINAR ON

**Database programming
using Hive and Mongo DB**



Resource Person
Mr. Manjunath H C

Senior Solutions Engineer
PEGA SYSTEMS

November 27, 2020

2:30 PM - 3:30 PM (IST)

PRINCIPAL DR. V R MANJUNATH

CONVENOR DR. G C BHANU PRAKASH (HOD CSE)

COORDINATORS

MRS. SAVITHA P (ASSISTANT PROFESSOR)

MRS. M G KOUSAR (ASSISTANT PROFESSOR)

MRS. MONIKA RANI H G (ASSISTANT PROFESSOR)

MR. SURAJ KUMAR B P (ASSISTANT PROFESSOR)



Registration Link: <https://forms.gle/t29HRAacwZ5ZhD8X7>

Meeting Link: <https://meet.google.com/jep-sout-vqa>



SIR M. VISVESVARAYA INSTITUTE OF TECHNOLOGY
KRISHNADEVARAYANAGAR, HUNSAMARANAHALLI, OFF AIRPORT ROAD,
BENGALURU 562 157

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

ORGANIZING A NATIONAL LEVEL WEBINAR ON

"UNDERSTANDING WORD EMBEDDINGS"



RESOURCE PERSONS
MR. PRAMOD VADRAL
SENIOR PRODUCT ENGINEER
SPRINKLR

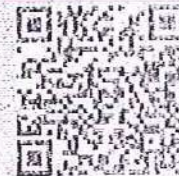
ON 28TH NOV 2020
@ 2:00 PM TO 3:30 PM

REGISTRATION LINK:

[HTTPS://FORMS.GLE/KLSFI9SKYIHM0XBH9](https://forms.gle/KLSFI9SKYIHM0XBH9)

WHATSAPP LINK:

[HTTPS://CHAT.WHATSAPP.COM/JPNZVDJESQFH04UFXCKR7](https://chat.whatsapp.com/JPNZVDJESQFH04UFXCKR7)



GOOGLE MEET LINK:

[HTTPS://BIT.LY/3GX4EBA](https://bit.ly/3GX4EBA)

ORGANIZERS:

DR. V.R. MANJUNATH, PRINCIPAL
DR. G.C. BHANU PRAKASH, HOD, CSE

FACULTY COORDINATORS:

MRS. SAVITHA P.
MRS. M. G. KOUSAR
MRS. MONIKA RAMI H.G.

E-CERTIFICATE WILL BE PROVIDED TO THE PARTICIPANTS AFTER SUBMITTING
THE FEEDBACK FORM





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NAAC UGC KRISHNADEVARAYANAGAR, BENGALURU, KARNATAKA

DEPARTMENT OF COMPUTER SCIENCE AND
ENGINEERING

Presents Webinar On

Applications of Discrete Mathematical Structures

Resource Person

MR. MOHAN KUMAR, T.C.

Asst. Professor, Dept. of ISE
NMIT, Bengaluru



18 December, 2020 @ 2.00 pm to 3.00 pm

Organizers:

Dr. V.R. Manjunath, Principal

Dr. G.C. Bhanu Prakash, HOD, CSE

Webinar Co-ordinators

Mr. Ravi Kumar H.R.

Mrs. Savitha P.

Mrs. M.G. Kousar

Mrs. Monika Rani H.G.

Asst. Prof., Dept. of CSE

Registration Link:

<https://forms.gle/PKWQyWpJRNxTfBYr5>

Webinar Link:

<https://cutt.ly/WhAMMjf>

38

38



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NAAC UGC KRISHNADEVARAYANAGAR, BENGALURU, KARNATAKA

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

Presents Webinar On **Web Scraping with Python**

Resource Person

Mr. NITHIN KUMAR T.

Senior Business Intelligence Analyst
Dell technologies, Dublin, Ireland



24 December, 2020 @11.00 am to 12.00 pm

Organizers:

Dr. V.R. Manjunath, Principal

Dr. G.C. Bhanu Prakash, HOD, CSE

Webinar Link:

<https://cutt.ly/ehSr9lx>

Registration Link:

<https://forms.gle/O9WMP6Xr8kwuGxcZ7>

Webinar Co-ordinators

Mrs. Savitha P.

Mrs. M.G.Kousar

Mrs. Monika Rani H.G.

Mrs. Supriya H.S.

Asst.Prof, Dept.of CSE

Hunasamaranahalli, Yelahanka, Krishnadevaraya
Nagar, Bengaluru, Karnataka 562157

Department of Computer Science and Engineering

**ORGANISES A NATIONAL LEVEL
WEBINAR ON**

Reclaiming Health By Eating Better



**Srilakshmi
Sathyanarayana**

Holistic Nutritionist and
Certified Health Coach (USA)

WHOLE & HEALTHFUL

28 DECEMBER 2020 2:30 PM - 3:30 PM (IST)

**PRINCIPAL
CONVENOR
ORGANIZERS**

Dr. V R MANJUNATH
Dr. G C BHANUPRAKASH
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REPORT

SDP EMBODIED ENERGY & GREEN BUILDING

ORGANIZED BY
DEPARTMENT OF CIVIL ENGINEERING
SIR M VISVESVARAYA INSTITUTE OF TECHNOLOGY, BANGALORE

ON
19TH SEPTEMBER, 2020

H P MAHENDRA BABU, HOD CIVIL
N TAMILSELVI
ANITHA J
PRADEEPA S

SDP
ON
EMBODIED ENERGY & GREEN BUILDING

ORAGNIZED BY
DEPARTMENT OF CIVIL ENGINEERING
SIR M VISVESVARAYA INSTITUTE OF TECHNOLOGY,
BANGALORE

ON
19TH SEPTEMBER, 2020
SPEAKER – Dr. SENTHILKUMAR R
ASSISTANT PROFESSOR & ASSOCIATE DEAN (P&D)
NIT TRICHY



SIR M. VISVESVARAYA INSTITUTE OF TECHNOLOGY

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DEPARTMENT OF CIVIL ENGINEERING

**FACULTY DEVELOPMENT PROGRAM/
STUDENT DEVELOPMENT PROGRAM
ON**

EMBODIED ENERGY AND GREEN BUILDING



BY: DR SENTHILKUMAR R

**ASSISTANT PROFESSOR & ASSOCIATE DEAN (P&D),
NIT TRICHY**

SEPTEMBER 19TH, 2020

10.30 AM - 11.30 AM



Registration URL:

https://docs.google.com/forms/d/e/1FAIpQLScfbaTxPHlqDtaJs3M54_FmlyFyT73zonQ2bqd2nU_ipKn_MA/viewform?usp=sf_link

Join the meet : <http://meet.google.com/mbp-mfjc-kbe>



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Convener

**Mr. H P Mahendra Babu
Prof. & Head, Department
of Civil Engineering**

**Dr V R Manjunath
Principal**

Co-ordinator(s)

**Mrs. N Tamil Selvi
Mrs. Anitha J
Mrs. Pradeepa S**

REPORT ON
Student Development Program
“EMBODIED ENERGY & GREEN BUILDING”
CONDUCTED ON 19TH OF SEPTEMBER, 2020

Human activities affect the environment. Some are less impactful, some much, much more. According to the United Nations Environment Program (UNEP), the construction sector is responsible for up to 30% of all greenhouse gas emissions. Activities such as mining, processing, transportation, industrial operations, and the combination of chemical products result in the release of gases such as CO₂, CH₄, N₂O, O₃, halocarbons, and water vapor. When these gases are released into the atmosphere, they absorb a portion of the sun's rays and redistribute them in the form of radiation in the atmosphere, warming our planet. With a rampant amount of gas released daily, this layer thickens, which causes solar radiation to enter and stay in the planet. Today, this 'layer' has become so thick that mankind is beginning to experience severe consequence, such as desertification, ice melting, water scarcity, and the intensification of storms, hurricanes, and floods, which has modified ecosystems and reduced biodiversity.

As Civil Engineers, one of our biggest concerns should be the reduction of carbon emissions from the buildings we construct. Being able to measure, quantify, and rate this quality is a good way to start.

This Student Development Program was organized by Department of Civil Engineering Sir MVIT on 19th September 2020, to give an insight into this concept of Embodied Energy and Green Building.

The program was conducted over Google Meet Platform, and over 80 active participants.

The program started at 10.30 am IST. Mr. H.P Mahendrababu, Professor & Head of Civil Engineering Department, Mr. KVR Prasad, Mrs. Pradeepa S, and Mrs. Anitha J, addressed the gathering and commenced the program.

This was followed by welcome address by Mr. H.P Mahendrababu, Professor & Head of Civil Engineering Department, who spoke on importance of BIM and how it would help our students to upgrade their skills.

Mrs. N Tamil Selvi, Assistant Professor, introduced and welcomed the speaker to start with his presentation.

Dr. Senthilkumar R, Assistant Professor and Associate Dean (P&D), NIT Trichy, gave an elusive talk on Embodied energy & Green Building.

He explained that the term **Embodied Energy** refers to the sum impact of all greenhouse gas emissions attributed to a material during its life cycle. This cycle encompasses extraction,

manufacturing, construction, maintenance, and disposal. For example, reinforced concrete is a material with extremely high embodied energy. When manufacturing the cement, large amounts of CO₂ are released in the calcination stage, where limestone is transformed into calcium oxide (quicklime), as well as in the burning of fossil fuels in furnaces. If we add these issues to the exploitation of sand and stone, to the use of iron for the rebar, to its transport to the construction site to be added to the mix, we can understand the impact of each decision of a project on the environment. Other construction materials, such as ceramic, brick, and plastic, similarly require large amounts of energy to be manufactured since the minerals used in them must be extracted and treated in energy-intensive processes.

He explained how, understanding the amount of energy or carbon incorporated in building's materials is essential to creating more eco-conscious projects.

Participants showed active participation by asking questions during the question & answer session, the speaker, Dr. Senthilkumar R, answered all of the questions.

The session ended with thanks to the speaker and all the attendees, by Mrs. Pradeepa S, Assistant Professor, Department of Civil Engineering, Sir MVIT, Bangalore.

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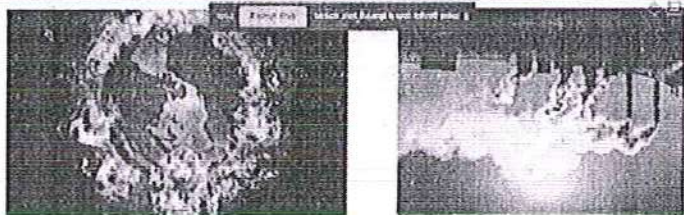
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PICTURE GALLERY

Embodied Energy & Green Building



Dr R Senthilkumar
Assistant Professor & Associate Dean (P&D)
NIT Trichy



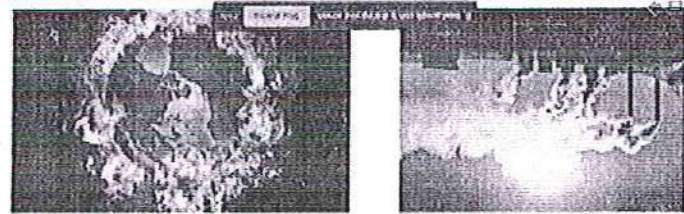
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Embodied Energy & Green Building



Dr R Senthilkumar
Assistant Professor & Associate Dean (P&D)
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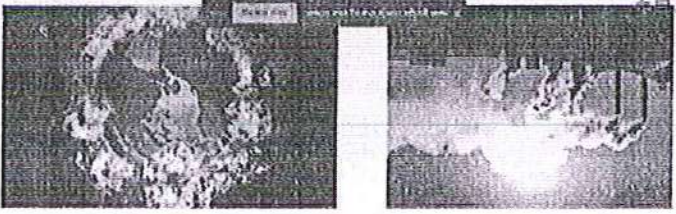


Dr. Manoj Kumar Assistant Professor (CIVIL)

Embodied Energy & Green Building



Dr. R. Senthil Kumar
Assistant Professor & Associate Dean (P&D)
NIT Trichy



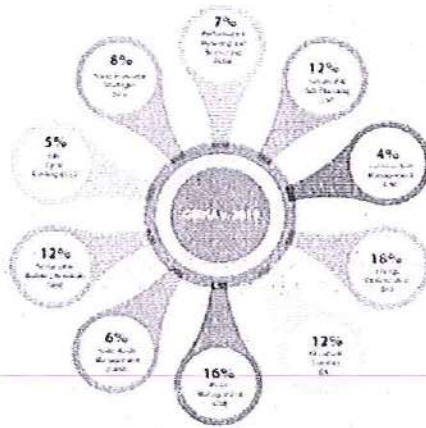
Green Building Rating Systems in India

- GB construction implemented across different countries
- To reduce energy consumption, water footprint
- To minimize resources depletion
- The approach minimizes the carbon footprint and environmental threats posed by the built environment
- Leadership in Energy and Environmental Design (LEED) / INDIAN GREEN BUILDING COUNCIL (IGBC) RATING SYSTEM
- GREEN RATING FOR INTEGRATED HABITAT ASSESSMENT (GRHA)
- Central Public Works Department (CPWD) Green Rating



Dr. Manoj Kumar Assistant Professor (CIVIL)

Green Building Rating Systems in India



GREEN RATING FOR INTEGRATED HABITAT ASSESSMENT (GRIHA)

For more information, visit www.griha.in



Sarabjit Kumar





SIR M VISVESVARAYA INSTITUTE OF TECHNOLOGY,
BANGALORE - 562157



DEPARTMENT OF CIVIL ENGINEERING

Certificate of Participation

This is to Certify that Mr./Ms. {{FULL NAME}}
has participated in the FDP/SDP on "Embodied Energy & Green
Building", delivered by Dr. Senthikumar R (Assistant Professor &
Associate Dean (P&D), NIT Trichy), Organized by Department of Civil
Engineering, on 19th September, 2020.

This is an electronically generated certificate and does not require any signature.

(55)

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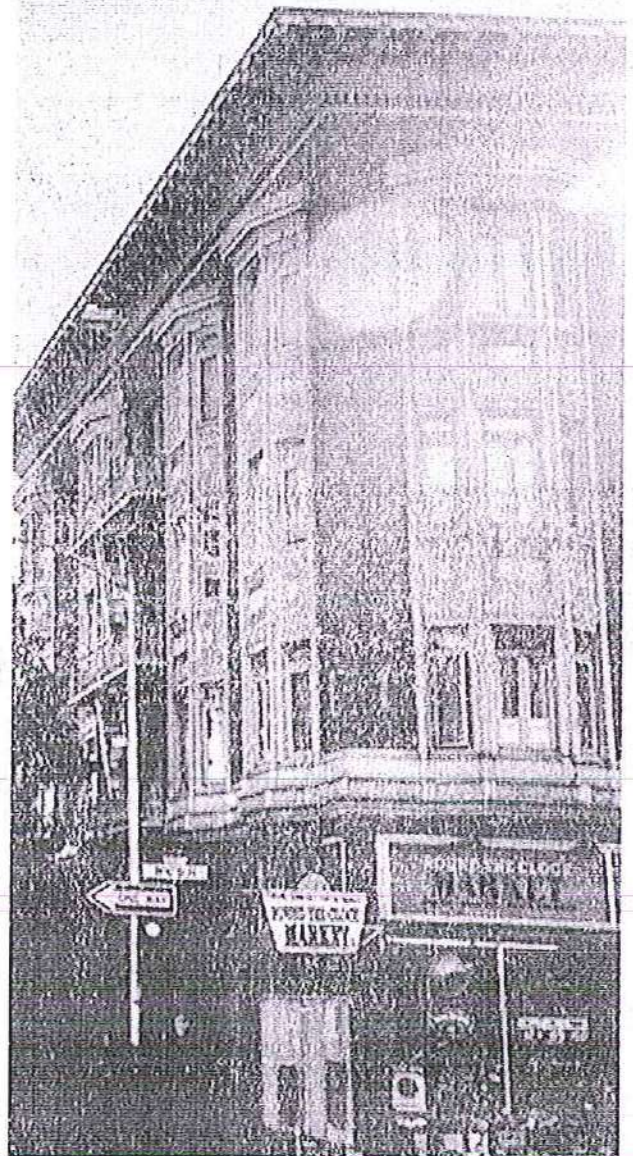
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(59)

Introduction to BIM - SDP



DECEMBER 05, 2020

Department of Civil Engineering
Sir MVIT, Bangalore.



STUDENT DEVELOPMENT PROGRAM

INTRODUCTION TO BIM

Organized by Department of Civil Engineering, Sir MVIT, Bangalore.

Speaker – Mr. Bharat Anand H.

Principal – Dr. V R Manjunath

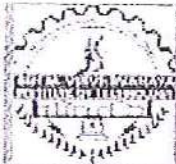
Convener – Mr. H P Mahendra Babu, HOD, Department of Civil Engineering.

Coordinators

- MR. KVR Prasad, Associate Professor, Department of Civil Engineering
- Mrs. Pradeepa S, Assistant Professor, Department of Civil Engineering
- Mrs. Anitha J, Assistant Professor, Department of Civil Engineering
- Mrs. N Tamil Selvi, Assistant Professor, Department of Civil Engineering

DECEMBER 05, 2020

10.30 am – 11.30 am



SIR M VISVESVARAYA INSTITUTE OF TECHNOLOGY

AFFILIATED TO VIT, NEW DELHI, APPROVED BY AICTE, NEW DELHI / UGC, GOVT OF KARNATAKA / ACCREDITED BY NBA / UGC



DEPARTMENT OF CIVIL ENGINEERING

STUDENT DEVELOPMENT PROGRAM

INTRODUCTION TO BIM



BY

Mr. BHARAT ANAND H

PROJECT CO-ORDINATOR & BIM SPECIALIST

GLEEDS CONSULTING(I),Pvt. Ltd

ON DECEMBER 5TH, 2020

10:30AM TO 11:30AM

REGISTRATION LINK: <https://forms.gle/PsXs8U6JhTdh1A>

MEET LINK: <https://meet.google.com/abg-yoqz-qjb>

CONVENER

Mr. H P Mahendra Babu

Prof. & Head of the
Department

Dr. V R Manjunath

PRINCIPAL

CO-ORDINATOR(s)

Mr. KV R Prasad

Mrs. Pradeepa S

Mrs. Anitha J

Mrs. N Tamil Selvi

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REPORT ON
Student Development Program
“INTRODUCTION TO BIM”

CONDUCTED ON 5TH OF DECEMBER, 2020

According to the United Nations, the global population is projected to reach 9.8 billion by 2050. The global architecture, engineering, and construction (AEC) industry is responsible for supporting this growth by developing sustainable infrastructure, and maintaining and restoring existing buildings and developments. This obligation is a tall order and requires smarter, and more efficient ways to design and build – not just to keep up with the ever-growing population, but for the overall quality and resilience of future developments.

Building Information Modelling is the perfect solution to this. It is used to design and document building and infrastructure designs, and helps stakeholders understand what the finished product will be – highlighting key steps of the construction process along the way. Additionally, it is a great way to ensure all parties involved are kept up-to-date with the project's progress.

To help our students gain better knowledge and understanding with the concept of BIM, Student Development Program was organized by Department of Civil Engineering SJR MVIT on 05-12-2020.

The program was conducted over Google Meet Platform, and had 89 active participants.

The program started at 10.30 am IST. Mr. H.P Mahendrababu, Professor & Head of Civil Engineering Department, Mr. KVR Prasad, Mrs. Pradeepa S, and Mrs. Anitha J, addressed the gathering and commenced the program.

This was followed by welcome address by Mr. H.P Mahendrababu, Professor & Head of Civil Engineering Department, who spoke on importance of BIM and how it would help our students to upgrade their skills.

Mrs. Pradeepa S, Assistant Professor, introduced and welcomed the speaker to start with his presentation.

Mr. Bharat Anand H, Project Coordinator and BIM specialist at GLEEDS Consulting (I), Pvt. Ltd. gave an elusive talk on Building Information Modeling. He described how it is a one-stop project management system for design & construction industry.

The speaker spoke elaborately about, the process of using information rich 3-D model as central database to create, check & communicate project information among all stakeholders throughout life cycle of the project under consideration, which helps us in having a better control during the

project.

He also addressed on how Building Information Modeling is a shift from the traditional linear project work-flow. 3Dimensional models help communicate, access and manage the project information both graphically and also in spreadsheet formats helping to develop higher quality projects.

Participants showed active participation by asking questions during the question & answer session, the speaker, Mr. Bharat Anand H, answered all of the questions.

The session ended with thanks to the speaker and all the attendees, by Mr. KVR Prasad, Associate Professor, Department of Civil Engineering, Sir MVIT, Bangalore.

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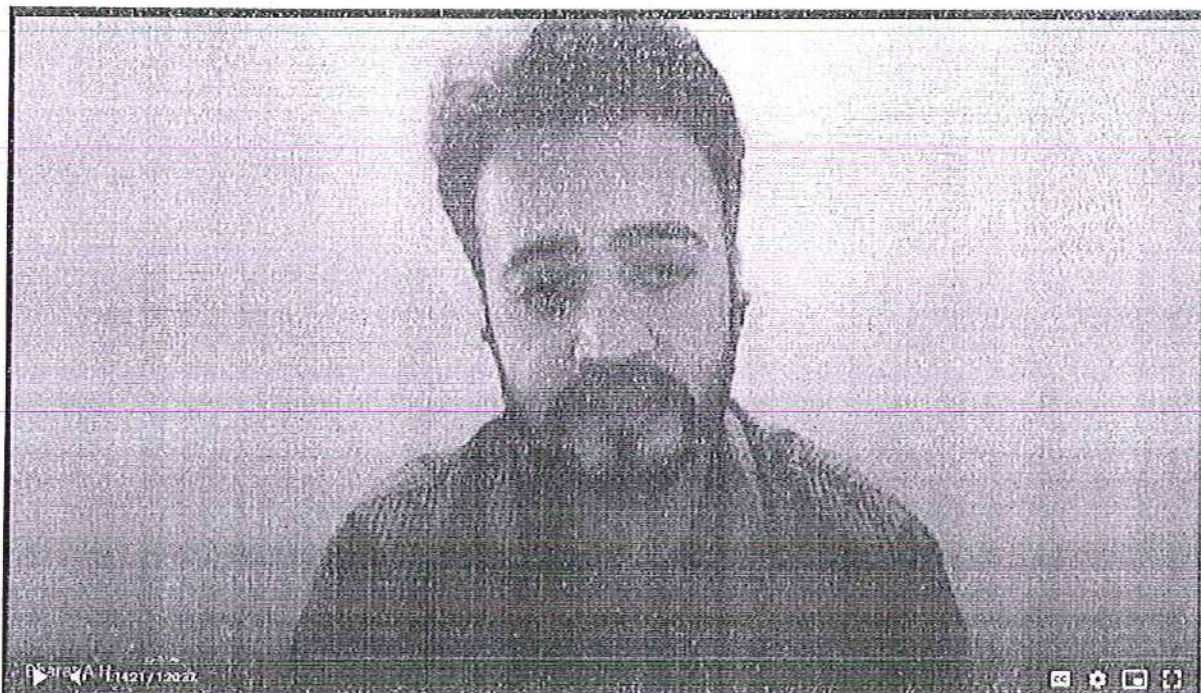
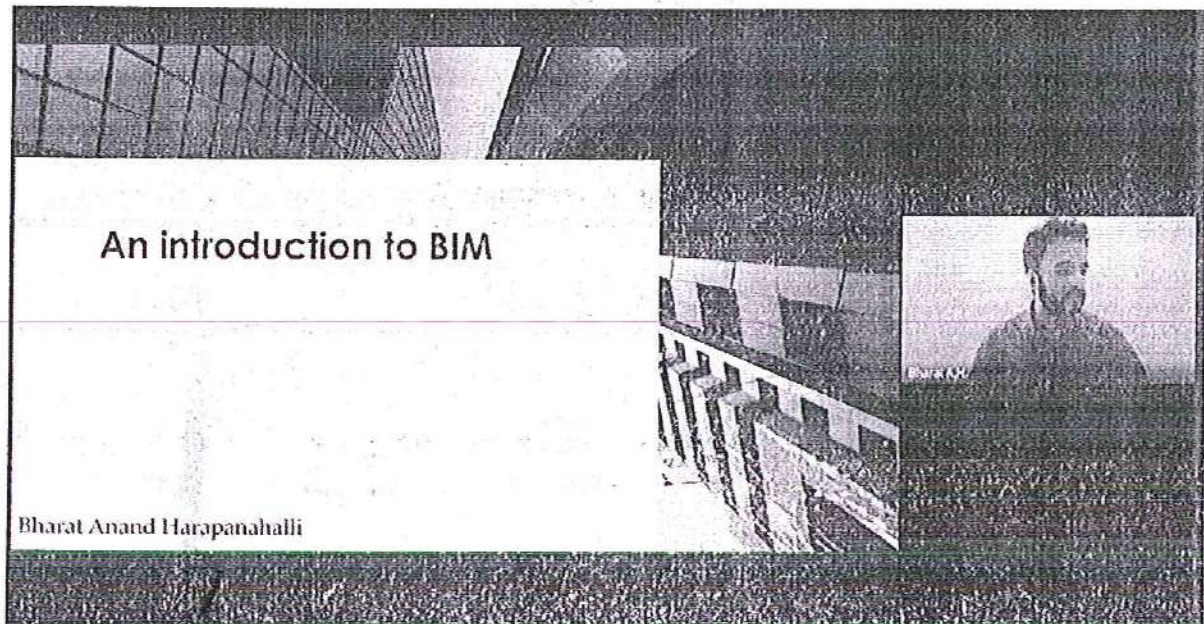
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97	shriramustapur@gmail.com	SRIRAM MUSTAPURE	8971135192	Site engineer	Manjunatha Construction
98	rohitkumararasar@gmail.com	Rohit Kumar	9525444904	Working	PwC
99	harsha.harshu23@gmail.com	HARSHA R	+918762997881	Student	RASTA
100	preethigowda278@gmail.com	Palavi H M	6362344366	Student	Government engineering college hassan
101	saptakguhanepgi@gmail.com	Saptak Guha Neogi	7980494744	Student	CALCUTTA INSTITUTE OF ENGINEERING AND MANAGEMENT
102	R18CV837@ce.reva.edu.in	VANDANA V	9880825408	Student	Civil engineering
103	dakshayinikr105@gmail.com	Dakshayini K R	8296421408	Student	Government Engineering College Hassan
104	bhuvana9717@gmail.com	Bhuvaneshwari S Gasti	7348823407	Student	Government Engineering College Hassan
105	meghamanasa071@gmail.com	Manasa I S	7337686336	Student	Government engineering college Hassan
106	rashmimdrashmimd426@gmail.com	RASHMI MD	9972042122	Student	Government engineering College hassan
107	lakshmidrgowda@gmail.com	LAKSHMI S D	9164513954	Student	GOVERNMENT ENGINEERING COLLEGE HASSAN
108	anushaananushahs@gmail.com	Anusha HS	8296399737	Student	Government engineering college Hassan
109	santhosh.gmitcv@gmail.com	Santhosh M C	7975345687	Faculty	G MADEGOWDA INSTITUTE OF TECHNOLOGY
110	nayanashri0902@gmail.com	Nayanashri Gn	9150071524	Student	Government engineering college Hassan

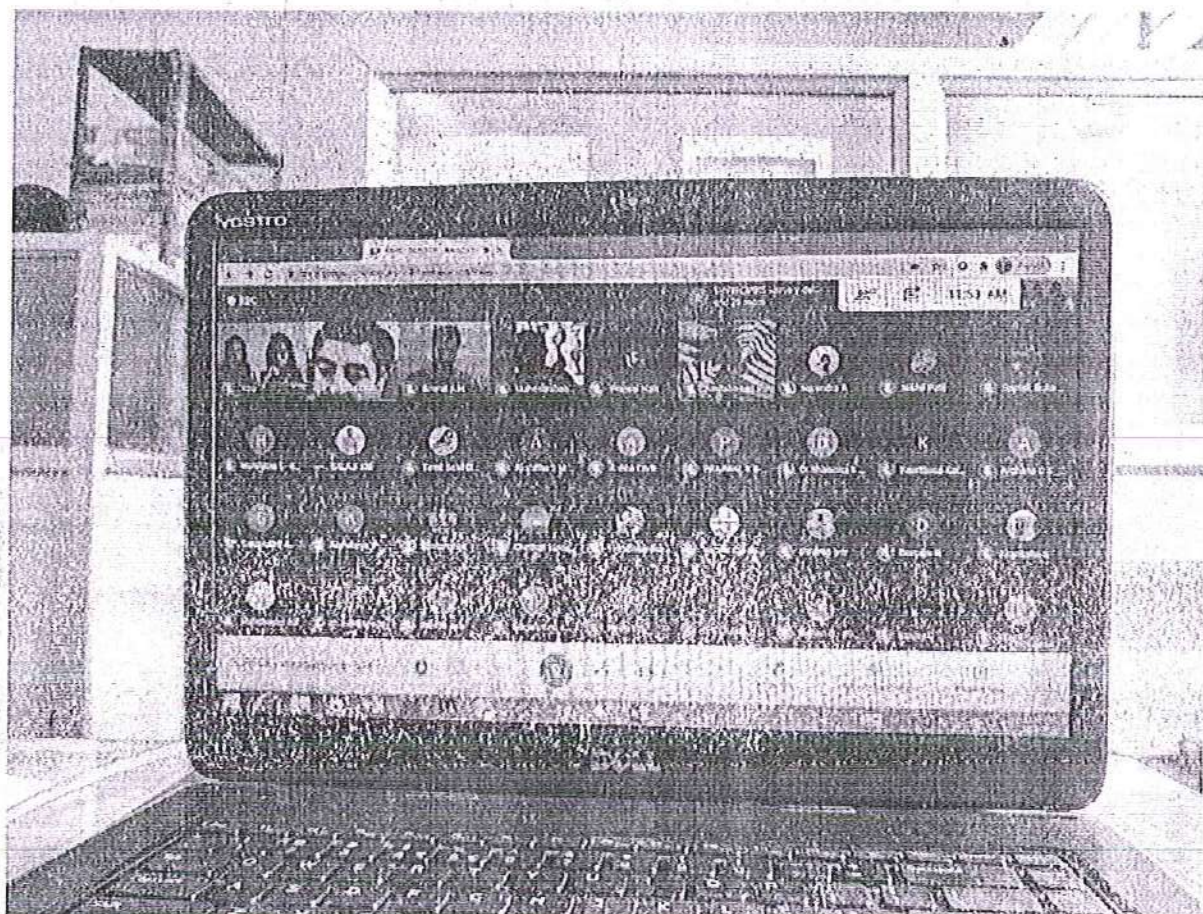
67

111	harshitha368hr@gmail.com	Harshitha.H.R	9900232448	Student	Government engineering college hassan
112	ramesh.engineer@hotmail.com	RAMESH B	9900188802	PROJECT MANAGER	Netafim irrigation India pvt ltd
113	ddhanunjayang@gmail.com	Dhanunjaya N G	9900177706	Student	No
114	krhemanthkr@gmail.com	Hemanth kumar K R	9591927908	Student	Government engineering college Hassan
115	kavyashreedc27@gmail.com	Kavya Shree D C	+919036403675	Student	Rasta
116	vyshnavisirmvit@gmail.com	Vyshnavi dr	7204679593	Faculty	Sirmvit
117	dakshagowdahg@gmail.com	DAKSHAYINI HG	+917026126596	Student	GOVERNMENT ENGINEERING COLLEGE,HASSAN
118	daiveekprasad15@gmail.com	Daiveek	9008452419	Student	Sir MVIT
119	deepikar072@gmail.com	Deepika. R	9739803229	Student	Sir MVIT
120	anushahm2001@gmail.com	Anusha H M	9656915724	Student	Government engineering college Hassan
121	sreenatham20@gmail.com	Sreenatha M	9986738246	Faculty	REVA University
122	akshithasm2001@gmail.com	Akshitha S M	8150905381	Student	Government engineering college Hassan
123	shreya11yaragal@gmail.com	Shreya yaragal	9900362342	Student	Rasta center for road technology
124	akankshasuma2000@gmail.com	Akanksha	+919972830522	Student	Sir M Visvesvaraya Institute of Technology
125	ganavimr2000@gmail.com	Ganavi.M.R	9845734435	Student	Government engineering college,Hassan
126	tejasgowda.t.m@gmail.com	Tejasgowda TM	9164621641	Student	Sir MVIT
127	nagarathna1012@gmail.com	Nagarathna	6361693040	Student	Govt engineering college Hassan
128	ranjitha20122000@gmail.com	P RANJITHA	7204557885	Student	Government engineering College hassan
129	amargowda008@gmail.com	Amaranatha G A	9901008087	Faculty	REVA University
130	shravanayogananda@gmail.com	Shrevana Y	8431542230	Student	Sir, Mvit
131	krsshsharma@gmail.com	Krishna Murari	+918095977350	Student	Sir mvit
132	k.chandraprakash@reva.edu.in	K Chandraprakash	08897473289	Faculty	REVA University
133	ramasubramanya123@icloud.com	Ramasubramanya M S	70220 21422	Research Scholar	Msr consultants
134	vathsalapavanshetty@gmail.com	Vathsala N	9731952847	Student	SIR MVIT
135	balubalejkn@gmail.com	Balaji kn	9844131109	Design engineer	Inivcus engineering co Pvt Ltd
136	archanarachana20@gmail.com	ARCHANA C S	6361935886	Student	IMVIT
137	chandanaappgowda21@gmail.com	Chandana H P	8197949513	Student	Government Engineering College, Hassan
138	harshavardhanaemperor@gmail.com	Harshavardhana A R	9008900401	Professional	JMC
139	bhanusrim17@gmail.com	Bhanusri H	6362675399	Student	Mivl
140	naveenji1999@gmail.com	NAVEENKUMAR	8310680442	Student	Good
141	varshabargur@gmail.com	Varshitha.b.s	7022373149	Student	VTU Belagavi

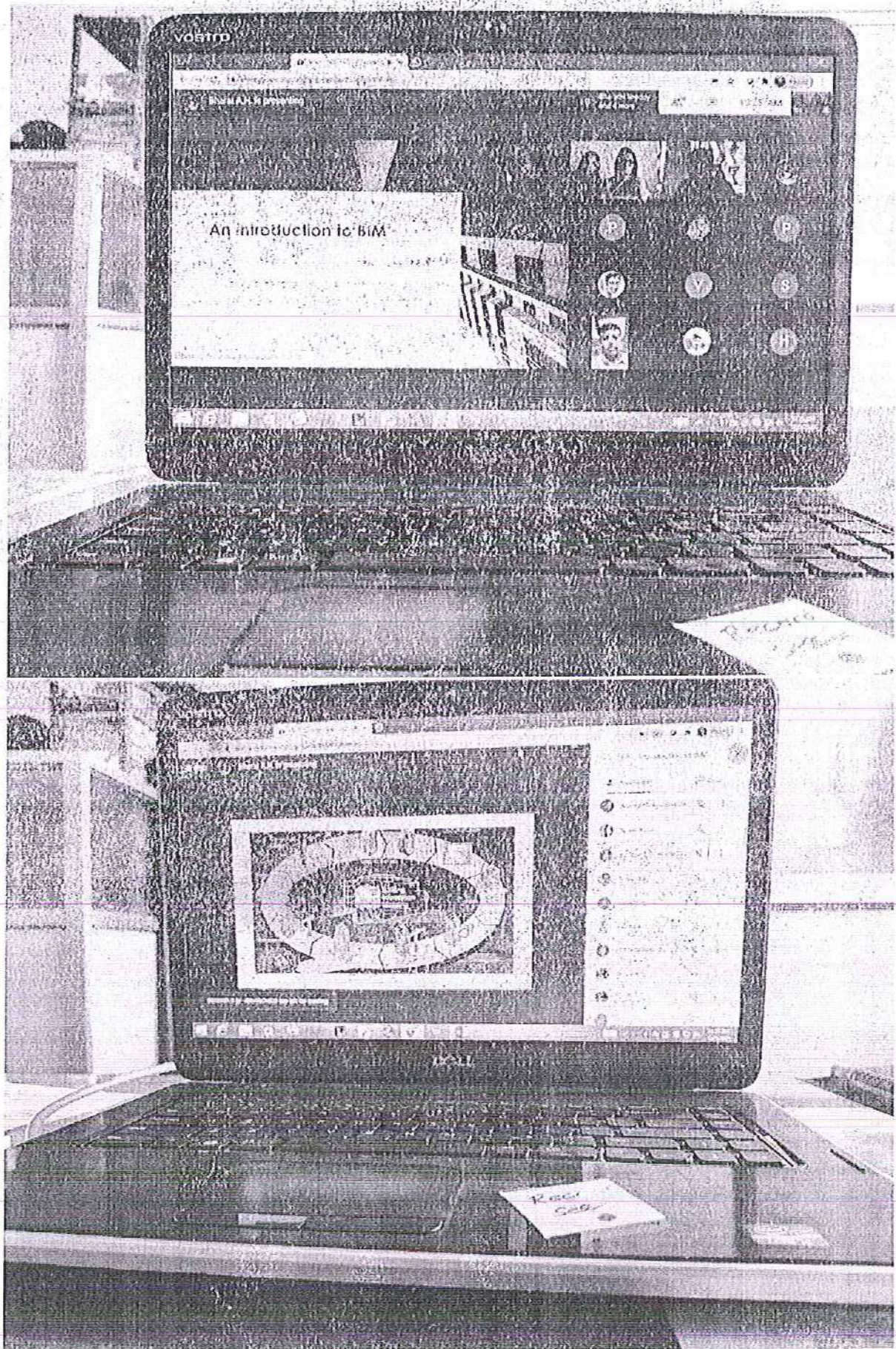
68

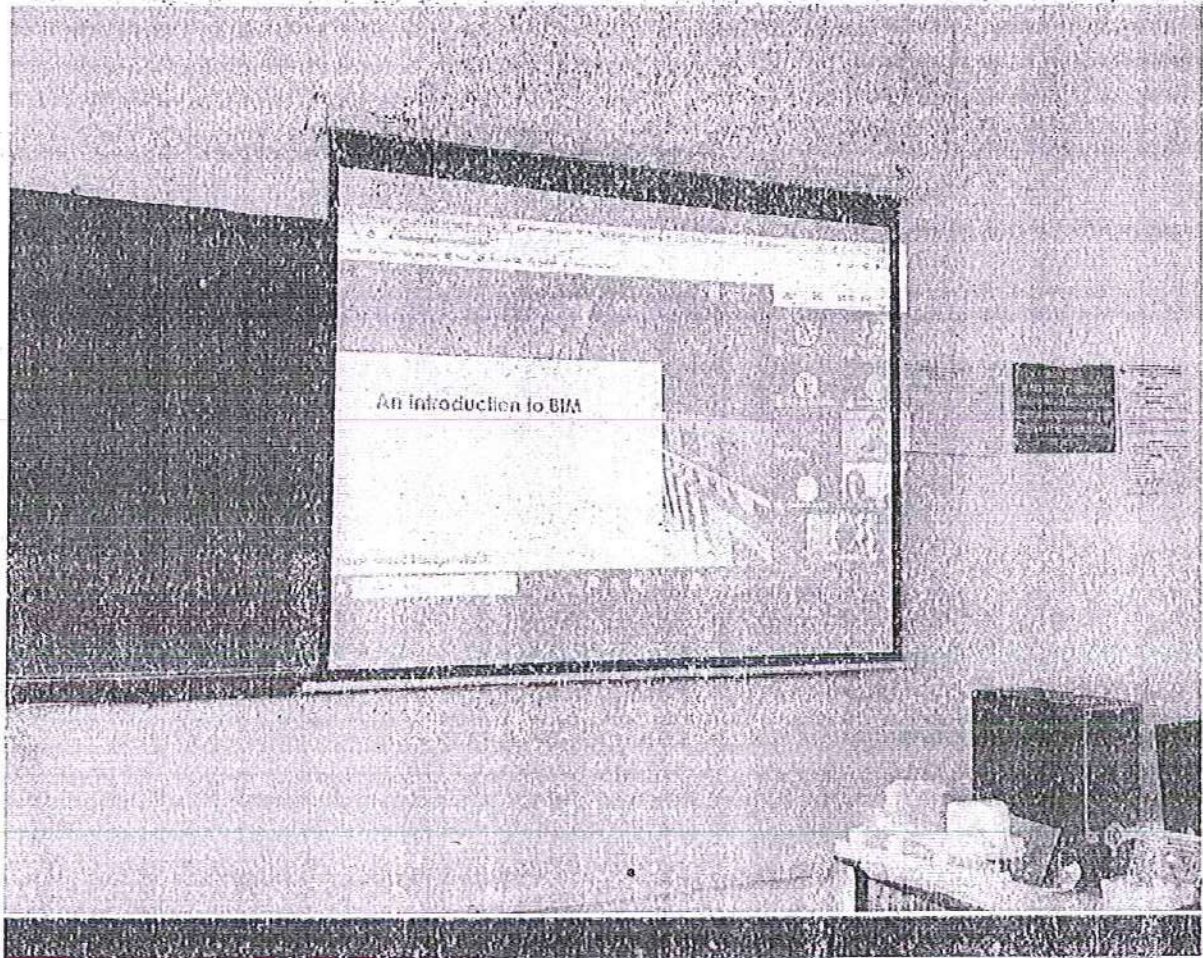
PICTURE GALLERY







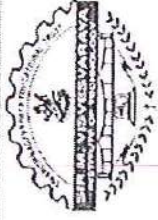






Mahendrababu Hosanah

SIR M VISVESVARAYA INSTITUTE OF TECHNOLOGY,
BANGALORE - 562157



DEPARTMENT OF CIVIL ENGINEERING

Certificate of Participation

This is to Certify that Mr./Ms. {{FULL NAME}}
has participated in the SDP on "Introduction to BIM", delivered by
Mr. Bharat Anand H, Project Coordinator & BIM specialist,
Gleeds Consulting(I), Pvt. Ltd. Organized by Department of Civil Engineering,
on 5th December, 2020.

This is an electronically generated certificate and does not require any signature.

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Sl. No.	Email Address	Full Name	Contact Number	Organization	Designation	How satisfied were you with the event?	How satisfied were you with the session content?	Did the program help you gain Engineering knowledge?	The program addressed usage of modern tools in Civil engineering.	Any other remarks?
1	geetamilselvi@gmail.com	S Onisakthi Kumar	+919932800588	Sir M Visvesvaraya Institute of Technology	Ap	5	3	Yes	Yes	
2	akankshasuna2000@gmail.com	Akanksha	+919972830522	Sir M Visvesvaraya Institute of Technology	Student	4	5	Yes	Yes	Nil
3	c9686426117@gmail.com	Chethan kumar D N	9686426117	Sir M Visvesvaraya Institute of Technology	Student	4	4	Yes	Yes	No
4	anushahm2001@gmail.com	Anusha H M	9685915724	Government engineering college Hassan	Student	5	5	Yes	Yes	
5	amarpowda008@gmail.com	AMARANATHA G A	9901008087	REVA UNIVERSITY	Assistant Professor	4	4	Yes	Yes	Nice
6	kavyadavalavai@gmail.com	Kavya y dalavai	7259080973	MVIT BANGALORE	Student	4	5	Yes	Yes	No
7	yashventimhony@gmail.com	Yashwanth M H	6363750475	Government engineering college Hassan	Student	5	5	Yes	Yes	No
8	mahannacalifo@gmail.com	Mahammad Alif	8722384285	IR RASTA	Student	4	4	Yes	Yes	No
9	dalveekprasad15@gmail.com	Dalveek	9008452419	Sir MVIT	Student	5	5	Yes	Yes	Very informative
10	prajwakb55@gmail.com	PRAJWAL K B	9380441121	GOVERNMENT ENGINEERING COLLEGE HASSAN	STUDENT	5	5	Yes	Yes	No remarks
11	rmasowda48@gmail.com	RAKSHITH M GOWDA	9964056015	SIR MVIT	Alumni	5	5	Yes	Yes	
12	saniyevsr2000@gmail.com	Saniav C	9481942091	MVIT	Student	5	5	Yes	Yes	
13	varshagowdanarayan2020@gmail.com	VARSHA CN	9845424759	government engineering college Hassan	Student	5	5	Yes	Yes	more sessions on advanced construction methods and technology
14	prajwalnak33@gmail.com	Prajwal P Naik	8197842526	RICS SBE	Student	5	4	Yes	Yes	

76

15	narendraco@gmail.com	Narendra	9738115062	Nagarjuna		Stu		5		4	Yes	Yes	
16	darshanbs772@gmail.com	DARSHAN B S	9538455199	RASTA Center for Road Technology, Bangalore		Student		4		4	Yes	Yes	
17	saptakguhaneog@gmail.com	Saptak Guha Neogi	7360494744	Calcutta Institute of Engineering and Management		Student		5		5	Yes	Yes	Excellent pcl
18	akshithasm2001@gmail.com	Akshitha S M	8150905381	Government engineering college Hassan		Student		5		4	Yes	Yes	
19	raghavendrag3@gmail.com	Raghavendra G S	8861672611	Pes construction		Site engineer		5		5	Yes	Yes	It's good gain knowledge as a civil engineer by our mivil team.
20	raihana2001@gmail.com	Raihan D	79955154777	BE in civil engineering		Student		4		5	Yes	Yes	Nothing
21	vandhanav2@gmail.com	VANDANA HV	7995491503	SIR M VISVESVARAYA INSTITUTE OF TECHNOLOGY		Student		5		5	Yes	Yes	
22	dr.ravikumarh17@gmail.com	Dr. Ravi Kumar H	9448320154	Sir M. Visvesvaraya Institute of Technology		Associate Professor		5		5	Yes	Yes	
23	ashwinia2504@gmail.com	Ashwini A	9494929096	Sir M Visvesvaraya Institute of Technology		Student		4		5	Yes	Yes	No
24	viniss28101999@gmail.com	Vinay s s	8150960698	Institution		Student		4		5	Yes	Yes	As student we get b/m software
25	harshithasraj29@gmail.com	Harshitha S	9361805646	Government engineering College Hassan		Student		4		5	Yes	Yes	Thank you so much for the informative session
26	ranjitha20122000@gmail.com	P RANJITHA	7204557885	Government engineering College Hassan		No		5		5	Yes	Yes	No
27	nikhil_patil2007@rediffmail.com	Nikhil P Patil	8999705814	REVA University		M.Tech student		4		4	Yes	Yes	Good informative webinar
28	supriyav14062000@gmail.com	SUPRIYA V	9846566816	Sir M Visvesvaraya Institute of Technology		Student		4		3	Yes	Yes	No
29	dr.shivanna cv@sirmvilit.edu	Dr. SHIVANNA S	8762042252	SIR MVIT		TE PROFESSOR		5		5	Yes	Yes	NIL
30	harshavardhanenperor@gmail.com	Harshavardhana A R	9008900401	JMC projects India Ltd		Assistant Manager		4		4	Yes	Yes	

77

31	hularathimanisha@gmail.com	M Manisha	9900288583	Sir M Visvesvaraya institute of technology	Student	4			4	Yes	Nothing
32	deepika072@gmail.com	Deepika. R	9738803229	Sir MWIT	Student	5			5	Yes	Nil
33	thanusha1237@gmail.com	Usha mg	9680628055	Government engineering college Hassan	Student	5			5	Yes	
34	bhoomikanb06047@gmail.com	BHOOMIKA H B	9945074019	Government Engineering College Hassan	Student	5			4	Yes	
35	ganavim2000@gmail.com	Ganavi.M.R	9845734435	Government engineering college,Hassan	Student	5			5	Yes	Good session
36	shreyashekar19@gmail.com	SHREYA.C.S	8431147378	Government engineering college, Hassan	Student	5			5	Yes	The session was very much informative
37	cheluva143@gmail.com	Cheluvaraju H	+919008331887	SIR MWIT	Student	3			3	Yes	Nothing
38	vandud2799@gmail.com	Vandana. K. Kumar	8971907542	Government engineering college,Hassan	Student	4			4	Yes	
39	harmainhbf5647@gmail.com	Haisa Harmain	9482330556	Government engineering College Hassan	Student	5			5	Yes	The problem was good
40	tejasgowda1m@gmail.com	Tejasgowda TM	9164621641	Sir MWIT	Student	5			5	Yes	Nothing
41	vpgowda108@gmail.com	Vijay P	9860214084	Sir M. Visvesvaraya institute of technology, Bangalore	Student	5			5	Yes	Nothing
42	aishu3152000@gmail.com	Aishwarya Y	9861954378	Government engineering College Hassan	Student	5			5	Yes	Nothing
43	krhementhr@gmail.com	Hemantha kumara K R	9591827908	Government engineering college Hassan	Student	4			4	Yes	No
44	vishalbp19@gmail.com	Vishal B Patil	+917406957699	RASTA Centre for Road Technology	M.Tech	4			4	Yes	
45	maanayamurthy26@gmail.com	MANAYA M K	8971320144	Govt engineering college, Hassan	Student	5			5	Yes	
46	sandeepv4382@gmail.com	SANDEEP P V	9380704382	GOVERNMENT ENGINEERING COLLEGE, HASSAN	STUDENT	5			5	Yes	Exdant program

78

47	bharathgowda05@gmail.com	Bharath Gowda P N	7892632320	RASTA		Student	5	5	Yes	Yes	
48	archanarachana20@gmail.com	ARCHANA, C S	8361935986	Introduction to BIM		Student	5	5	Yes	Yes	Office work
49	dps24852@gmail.com	DURGA PRASAD TD	8362405153	Government Engineering College Hassan		Student	5	5	Yes	Yes	No
50	salamara536@gmail.com	Sai Ganesh C N	9980041279	Sir Mvit		Civil	3	4	Yes	Yes	
51	periyavaramsandeepreddy@gmail.com	Periyavaram sandeep reddy	9010991224	Mvit		Civil	4	4	Yes	Yes	
52	bhuvana9717@gmail.com	Bhuvaneshwari S Gasti	7349823407	Government Engineering College Hassan		Student	5	5	Yes	Yes	No
53	nishuprathuk@gmail.com	Praibha H. K	8747044691	Government Engineering College Hassan		Student	4	5	Yes	No	Session was good
54	chandanaaggowda21@gmail.com	Chandana H P	8197949513	Government Engineering College Hassan		Student	4	4	Yes	Yes	
55	harshitha359hr@gmail.com	Harshitha H.R	9900202448	Cec hassan		Student	4	3	Yes	Yes	
56	shobithaacs18@gmail.com	Shobitha A S	8289279297	Government engineering college hassan		Student	4	5	Yes	Yes	Session was good, we gain lot of information about civil engineering. thank you mam
57	brundalkr@gmail.com	Brunda J	8197415244	Government engineering College Hassan		Student	4	5	Yes	Yes	
58	keerthanaakurakara@gmail.com	Keerthana, D. K.	8861634684	Government engineering college hassan		BE (student)	4	5	Yes	Yes	No remarks
59	zahidbrizahoor@gmail.com	Zahid Zahoor	7006178560	College		Student	5	5	Yes	Yes	
60	chandana63@gmail.com	Chandana M R	9663931939	Sir M Visweswaraya Institute of Technology		Student	4	4	Yes	Yes	
61	vysnnavisrmv@gmail.com	Vysnnavi dr	7204679593	Sir mvit		Assistant professor	4	4	Yes	Yes	

62	bhanusri17@gmail.com	Bhanusri H	6362675399	Introduction to bim		Student	5	5	Yes	Yes	
63	shwethaah2017@gmail.com	SHWETHA A H	8296466767	Government engineering College Hassan		Student	5	5	Yes	Yes	Nothing
64	rashmi.mcdraashimim426@gmail.com	RASHMI MD	9972042122	Government engineering College hassan		Student	5	5	Yes	Yes	
65	sulaiman333555@gmail.com	Sulaiman Hussain	8277643060	Reva University		Civil 5th Sem	4	4	Yes	Yes	Nothing
66	navanokm2542@gmail.com	NAYANA K M	6361634062	Government engineering college Hassan		Student	5	5	Yes	Yes	No
67	adshekhkar08@gmail.com	A D SHEKHAR	6363941607	GOVERNMENT ENGINEERING COLLEGE HASSAN		STUDENT	4	4	Yes	Yes	
68	lakshmi.mrgowda@gmail.com	LAKSHMI S D	9164513994	GOVERNMENT ENGINEERING COLLEGE HASSAN		STUDENT	3	4	Yes	Yes	I am from 3rd year B.E. I didn't get everything but still I am able to understand how technology is getting better nowadays. How softwares playing role in this days. Thank you for sharing your knowledge.
69	sreenatham20@gmail.com	Sreenatha M	9986736246	REVA University		Assistant Professor	4	4	Yes	Yes	No comments
70	neha18shvini@gmail.com	NEHA H	7259120725	GECH		Student	5	5	Yes	Yes	
71	tashuraj@gmail.com	THASHWINI B N	9535962137	GECH		Student	5	5	Yes	Yes	Session nice I will learn more things
72	girishkumarar4@gmail.com	GIRISH KUMAR A	9738642346	Smvit		Student	5	5	Yes	Yes	
73	suresh.b@reva.edu.in	Suresh B	9845065270	REVA University		Assistant Professor	5	5	Yes	Yes	
74	lithishraj97@gmail.com	Lithish K	7022332111	Sir Mvit		Student	4	4	Yes	Yes	
75	shreva11yaraaai@gmail.com	Shreva varadai	9900362342	RASTA center for road technology		Student	5	5	Yes	Yes	The session was good and really helpful

76	manwarharis@gmail.com	M Anwar Haris	9606241805	Sir M Visvesvaraya Institute of Technology	Student	5	5	Yes	Yes	Very Informative Seminar
77	k.chandraprakash@reva.edu.in	K Chandraprakash	08897473289	REVA University	Assistant Professor	5	5	Yes	Yes	
78	pushkarakash2@gmail.com	Akash Pushkar	+919471252584	CIVIL ENGINEERING	B.E	4	4	Yes	Yes	
79	jainrahul11952@gmail.com	Rahul Jain	9166367522	Rasta	Student	4	3	No	Yes	
80	Mohammedyounus2626@gmail.com	Mohammed Younus D	9886850991	Reva University	Student	5	5	Yes	Yes	
81	ddharunjayang@gmail.com	Dhanunjaya N G	9900177706	No	No	4	4	Yes	Yes	No
82	ramesh.engineer@hotmail.com	RAMESH B	990018802	Netsim India irrigation pvt ltd	Project Manager	4	4	Yes	Yes	No
83	aishwaryaragowda@gmail.com	Aishwarya R	9008850262	Visvesvaraya technological university belgaum	Student	3	3	Yes	Yes	No
84	meghamasasa071@gmail.com	Manasa I S	7337596336	Government engineering college, Hassan	Student	5	5	Yes	Yes	No
85	manoj.kumar.k1298@gmail.com	Manoj Kumar K	9538859788	Nicmar, Pune	Student	5	5	Yes	Yes	
86	pradeepasa1980@gmail.com	Pradeepa S	09888610709	Sirmvit	Assistant professor	5	5	Yes	Yes	Good
87	shivamsharma8299@gmail.com	Ritesh Sharma	09885105414	Sir MVIT	Student	5	5	Yes	Yes	Nil
88	shivrajsagumale1996@gmail.com	Shivrajsagumale	08867968816	Sir m visvesvaraya institute of technology	Student	4	4	Yes	Yes	
89	R18CV937@ce.reva.edu.in	VANDANA V	9880925408	CIVIL ENGINEERING	REVA UNIVERSITY	4	4	Yes	Yes	

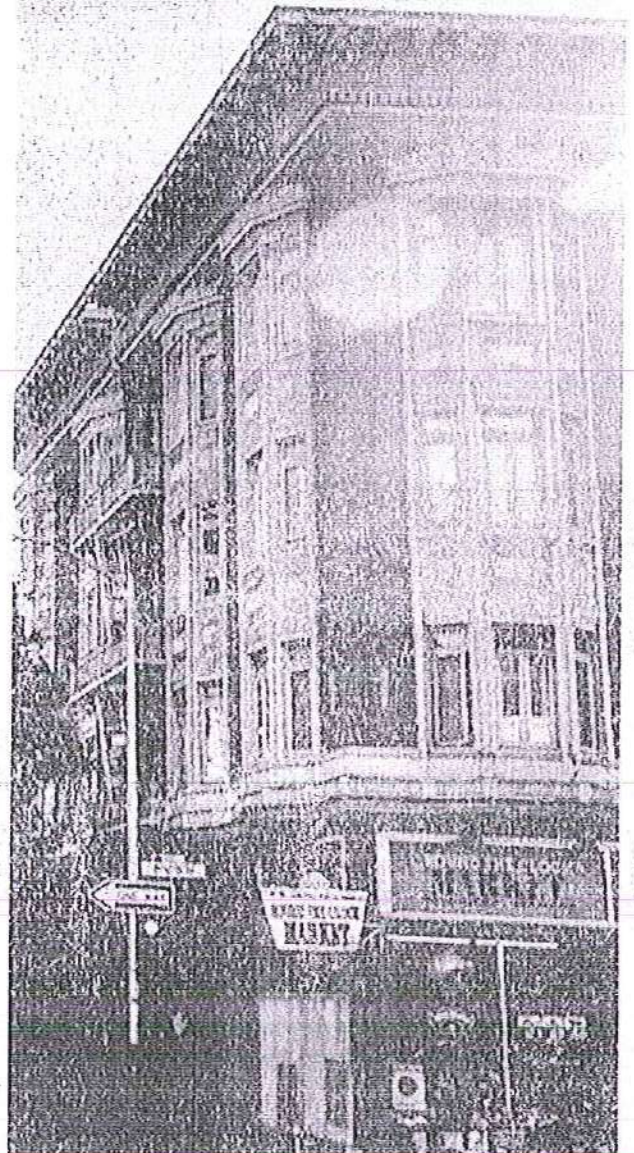
(81)

WEBINAR

CHALLENGES IN CONSTRUCTION OF TALL BRIDGES IN THE NORTH-EAST

DECEMBER 07, 2020

Department of Civil Engineering
Sir MVIT, Bangalore.



WEBINAR

Subtitle Text HereCHALLENGES IN CONSTRUCTION OF TALL BRIDGES IN THE NORTH-EAST

Organized by Department of Civil Engineering, Sir MVIT, Bangalore.

Speaker – Mr. SAI BABA ANKALA, ME, MBA, IRSE, PhD (*)

Chief Engineer

Indian Railways (Govt. of India)

Principal – Dr. V R Manjunath

Convener – Mr. H P Mahendra Babu, HOD, Department of Civil Engineering.

Coordinators

- Mr. K V R Prasad, Associate Professor, Department of Civil Engineering
- Dr. Shivanna S, Associate Professor, Department of Civil Engineering
- Dr. Ravi Kumar H, Associate Professor, Department of Civil Engineering
- Mrs. Anitha J, Assistant Professor, Department of Civil Engineering



SIR M. VISVESVARAYA INSTITUTE OF TECHNOLOGY

Affiliated to VTU, Belagavi | Approved by AICTE, New Delhi / Govt. of Karnataka | Accredited by NAAC UGC



**DEPARTMENT OF CIVIL ENGINEERING
PRESENTS**

A WEBINAR ON

**CHALLENGES IN
CONSTRUCTION OF TALL
BRIDGES IN THE NORTHEAST**

By: SAI BABA ANKALA, ME, MBA, IRSE, (PhD)
Chief Engineer, Indian Railways (Govt. of India)

DECEMBER 7TH 2020

10:00 AM - 11:30 AM



Scan here to join..!

Registration URL: <https://forms.gle/d6ceukRwueWzfhsl6>

Join the meet : <https://meet.google.com/zgr-zoip-bif>

Convener

Mr H P Mahendra Babu
Prof. & Head of Department

Co-ordinator(s)

Mr K V R Prasad
Dr Shivanna S
Dr Ravi Kumar H
Mrs Anitha J

Dr V R Manjunath
Principal

**E-Certificates
will be
issued...!!**

BIO DATA

SAI BABA ANKALA, ME, MBA, IRSE, PhD (*)

Chief Engineer

Indian Railways (Govt. of India)



Education:

B.Tech in Civil Engineering from SVU College of Engineering, Tirupati

M.E. in Structural Engineering from Indian Institute of Science, Bangalore

MBA in Information Technology from JNTU, Hyderabad

Ph.D (*) in Infrastructure Management from IIT, Guwahati

Academic achievements:

Rank holder and Gold medalist in UG and PG

Topper in GATE (99.31%), IES (Indian Engineering Services)/ IRSE & APPSC

Fellow member in technical bodies like IEI, IIBE, IPWE, ASCE, DFI

Professional achievements:

Having 35 years' experience in Major infra projects of Railways, Metrorail, Multi-modal transport systems and Mega-bridges from design to construction.

Major projects handled:

- India's first Cable-Stayed Road-Over-Bridge at Bangalore
- 1250km new railway lines in India
- 5250 major RCC/ PSC/ steel bridges for high density railway loading
- 245 Road bridges including Road-Over Bridges/ Flyovers and
- Metrorail projects of Bangalore, Hyderabad and Trivandrum
- India's first double-decker (metro-cum-highway) integral PSC flyover
- World's Tallest Rail Bridge (141m) and Longest tunnel in Northeast (10.5km)
- Five International rail projects from concept to commissioning
- Innovations in sustainable design and construction of major bridges
- Design co-ordination of Bogibheel bridge (longest rail-cum-road bridge)

Awards & Accolades:

- Prime Minister award for innovative idea of "Integrated Green Logistic Parks"
- International award from Bentley Systems for design of tallest rail bridge
- Railway awards for technical excellence and innovation in construction

- Delivered over 470 expert lectures in Conferences including 54 International
- “Mother Theresa” award for contribution towards nation integration
- “Abdul Kalam Award” for contribution to student community
- Awards for Sustainable Design from institutions like IITs, ACCE, IIBE etc
- “Railsys Magazine” award for contribution towards sustainable infrastructure

Success mantra: “CHALLENGES ARE THE MOTHER OF INNOVATION”

Ambition: “Build Sustainable Infrastructure to make the planet a safer and healthier place for generations to come”

REPORT ON

Webinar

“Challenges in construction of tall bridges in the North-East”

CONDUCTED ON 7TH OF DECEMBER, 2020

India, a country with a total area of approx. 3.2 million sq. km. has around 23 % of its area covered with densely forested, thinly populated hills. Human habitation and Vegetation spreads to altitudes as high as 14000 to 16000 feet above Mean Sea Level.

Hilly region pose unique problem for bridge construction. In a restricted hilly area itself climatic conditions, geological features and hydrological parameters vary considerably. Keeping in view the bridge site and various constraints, type of bridge and method of construction are to be selected carefully for safe, economical and successful completion of bridge construction.

Deep gorges, rivers with boulder beds, extremely low temperature condition, high winds, landslide etc. in hilly regions require special attention to complete the activities of bridge planning and construction in a systematic way.

While Tall bridges offer a ease of travelling comfort, the construction process involves many complex problems that have to be addressed on day to day basis, especially in the topography that North-East of India offers.

This webinar was organized by Department of Civil Engineering Sir MVIT on 07/12/2020, for the students, staffs, research scholars and others working in the field of Civil Engineering,

The program was conducted over Google Meet Platform, and had 115 active participants.

The program started at 10.00 am IST. Mr. H.P Mahendrababu, Professor & Head of Civil Engineering Department, Mr. KVR Prasad, Dr. Shivanna S, and Dr. Ravi Kumar H, addressed the gathering and commenced the program.

This was followed by welcome address by Mr. H.P Mahendrababu, Professor & Head of Civil Engineering Department.

Dr. Ravi Kumar H, Associate Professor, introduced and welcomed the speaker to start with his presentation.

Mr. Sai Baba Ankala, Chief Engineer, Indian railways (GOI), gave an elusive talk on the various challenges that are faced in the construction of tall bridges in the North-East. He spoke elaborately on various issues starting from transport of the materials, managing labors, challenges due to topography, weather etc.

Participants showed active participation by asking questions during the question & answer session, the speaker, Mr. Sai Baba Ankala, answered all of the questions.

The session ended with thanks to the speaker and all the attendees, by Mr. KVR Prasad, Associate Professor, Department of Civil Engineering, Sir MVIT, Bangalore.

Registration Form - Challenges in Construction of Tall Bridges in the North-East. (Responses)

Sl. No.	Email Address	Name	Contact Number	Designation	Organization
1	manoj.kumar.k1298@gmail.com	Manoj Kumar K	9538859788	Student	NICMAR, Pune
2	ashishjain202027@gmail.com	Ashish	9481775454	Student	
3	vandhanahv2@gmail.com	vandana hv	7996491503	Student	Sir mvit
4	rajumanoj002@gmail.com	Manoj K S	9986516516	Student	ISRO
5	venkat.4275@gmail.com	P. VENKATREDDY	9445868294	Faculty	CHENNAI METRO RAIL LIMITED
6	n.gopalakrishnan90@gmail.com	Gopalakrishnan N	8050757021	Faculty	Presidency University, Bangalore
7	subhannanv1@gmail.com	Subhan N A	8123423501	Student	Sir MVIT institute of technology Bangalore
8	avinashbellale1@gmail.com	Avinash	7847860111	Student	Presidency University
9	nakul@presidencyuniversity.com	Dr. Nakul Ramanna	+919632349550	Faculty	PRESIDENCY UNIVERSITY, BANGALORE
10	karthiksamp@gmail.com	Karthik.S	9901551275	Faculty	Global Academy of technology
11	h.m.deepak7@gmail.com	H.M.Deepak Thippeswamy	9353266084	Student	Sir M Visvesvaraya Institute of Technology
12	darshansbanakar9686@gmail.com	Darshan s Banakar	7975998538	Student	Sir M Visvesvaraya institute of technology
13	sohanpkammar123@gmail.com	K P SOHAN	9008058715	Student	Presidency university
14	vpgowda108@gmail.com	Vijay P	8660214064	Student	Sir M. Visvesvaraya institute of technology, Bangalore
15	vijayv92.11@gmail.com	Dr. Vijay V	9611333234	Faculty	Malnad College of Engineering, Hassan
16	chandana.n0103@gmail.com	CHANDANA NARAYANA SWAMY	9591182266	Research Scholar	SVAMCPL
17	prity991@gmail.com	Prity	+353894566953	Student	Prity Interiors
18	8861748035a@gmail.com	Anil kumar	8861748035	Student	Presidency University
19	girishkumargiri4@gmail.com	GIRISH KUMAR A	9738642346	Student	Srmt
20	princeabby1130@gmail.com	MOHAMMED ABRAR TAWAKAL KHAN	8050551130	Student	PRESIDENCY UNIVERSITY
21	rachanahejib@gmail.com	Rachna hejib	7338051970	Student	Presidency University
22	sanjaycsr2000@gmail.com	Sanjay C	9481942091	Student	Mvit
23	akashrp1830@gmail.com	Akash R Phatak	8660117033	Student	Presidency University
24	yashumanhshekar@gmail.com	Yashuman Shekar	6363992403	Student	Presidency University
25	parashuramrathod9902@gmail.com	PARASHURAM	8660454192	Student	University Visvesvaraya College of engineering
26	adityaj1419@gmail.com	Aditya joteppa	9845526731	Student	UVCE
27	sadappa987@gmail.com	Kiran Kumar S	9511938607	Student	
28	reddyharshith1234@gmail.com	Harshith H M	8971111634	Student	UVCE
29	cchaitra092@gmail.com	Chaitra k	9353755893	Student	Uvce
30	girishgiri67095@gmail.com	GIRISH C S	9731248873	Student	UNIVERSITY VISHVESWARAYA COLLEGE OF ENGINEERING (UVCE),BANGALORE
31	amitabh32@gmail.com	amitabh32@gmail.com	7795300913	Student	SMVIT

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Registration Form - Challenges in Construction of Tall Bridges in the North-East. (Responses)

32	navyar84@gmail.com	Nawa R	7899007193	Student	Sir M Visvesvaraya Institute of Technology
33	nitink4599@gmail.com	Nitin Kumar	9591602021	Student	Presidency university
34	supriyav14062000@gmail.com	SUPRIYA V	9845565816	Student	Sir M Visvesvaraya Institute of Technology
35	saptakgahaneogi@gmail.com	Saptak Guha Neogi	7980494744	Student	Calcutta Institute of engineering and management
36	keertigowda53@gmail.com	Keerthi N M	9148670192	Student	UVCE Civi 3rd sem
37	kedarmarab338@gmail.com	Kedar M	9964362585	Student	Sir M Visvesvaraya Institute of Technology Bengaluru
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39	kavyashreeis6789@gmail.com	Kavyashree J S	8088255677	Student	University vishveshwaraya college of engineering
40	bhavanagb5@gmail.com	Bhavana G B	8431449565	Student	Uyce
41	niraj.ravi.138@gmail.com	Niraj R	9901487866	Student	Sir MVIT
42	lokareddybipu@gmail.com	A Lokareddy	9380479863	Student	Department of civil engineering Sir MVIT
43	ashwinia2504@gmail.com	Ashwini A	8494929096	Student	Sir M Visvesvaraya Institute of Technology
44	chethenchethu2732001@gmail.com	Chethan A	8296318267	Student	2nd year B tech
45	hnk56070@gmail.com	A sai nithin	9663134552	Student	Student
46	knechappa39@gmail.com	Nachappa A.K.	07629975297	Student	Sir MVIT
47	srubhamshekhhar.jha98@gmail.com	Shubham Shekhar Jha	8084280625	Student	Sir M Visvesvaraya Institute Visvesvaraya Institute of Technology
48	shreenavya562@gmail.com	NAVYASHREE KS	9742891117	Student	
49	msmeghana36@gmail.com	Meghana MS	7538898901	Student	Presidency university
50	bheemunalwar85@gmail.com	Bheemaraddy	8105062396	Student	Madam
51	rithugowda723@gmail.com	Rithushree.c	1350544/9731730	Student	Civil engineering
52	janarchanakumaraswamy JANARDHANA K		9886213568	Faculty	Sir MVIT
53	lalithahangaragi05@gmail.com	Lalitha Hangaragi	7619131624	Student	Sir MVIT
54	ramvaroyal.anu91@gmail.com	Ramya N	8951021891	Faculty	Sir MVIT
55	vyshnavisirmvit@gmail.com	Vyshnavi DR	7204679593	Faculty	Sir mvit
56	sshivanna65@gmail.com	Shivanna S	8762042262	Faculty	Sir MVIT, Bangalore
57	daiveekprasad15@gmail.com	Daiveek P	9008462419	Student	Sir MVIT
58	mahalakshmi mahalakshmi U		7022235237	Student	University vishveshwarai college of engineering
59	43kumarankit@gmail.com	Kumar Ankit	9113136546	Student	Sir M Visvesvaraya Institute of Technology
60	ullaskumarbidar@gmail.com	Ullasakumara	9663751320	Student	Presidency university
61	suresh.t@reva.edu.in	Suresh B	9845065270	Faculty	REVA University
62	navyasn2000@gmail.com	Navya S N	8496921924	Student	Webinar
63	luckyalakshmi2802@gmail.com	LAKSHMI. L	9380615908	Student	University Visvesvaraya College of engineering

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Registration Form - Challenges in Construction of Tall Bridges in the North-East. (Responses)

64	sreenatham20@gmail.com	Sreenatha M	9986736246	Faculty	REVA University
65	animaupadhyay@gmail.com	Dr. Anima Upadhyay	9945619811	Faculty	Sir M Visveswaraya Institute of Technology
66	dr.ravikumarh17@gmail.com	Dr. Ravi Kumar. H	9448820154	Faculty	Sir M. Visveswaraya Institute of Technology
67	anithajayan@gmail.com	Anitha J	09742926612	Faculty	Sir M Visveswaraya Institute of Technology
68	bhavya_civil@sirmvit.edu	Bhavya S	9900136198	Faculty	Sir MVIT
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71	drhariharan_phy@sirmvit.edu	Hariharan Nalatore	9964212062	Faculty	Sir MVIT, Bangalore
72	chandananmr63@gmail.com	Chandana M R	9663931939	Student	Sir M Visveswaraya Institute of technology
73	nikhilabsolute16@gmail.com	Nikhil B	06363445475	Student	Sir MVIT
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81	jaganathpasar114@gmail.com	Jagannath pasar	9731018888	Student	Srmvit
82	kirangowdag10@gmail.com	Kiran Gowda G	6366307394	Student	Sir m Visveswaraya institute of technology
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91	sharshini930@gmail.com	Harshini S	9591109759	Student	Sir MVIT
92	c9686426117@gmail.com	Chethan kumar D N	9686426117	Student	Sir M Visveswaraya institute of technology
93	akashjadhav6993@gmail.com	Akash jadhav	8431225147	Student	Sir Mvit bangalore
94	lalikamala@gmail.com	Kamala	8884883575	Student	Sir M Visveswaraya institute of technology
95	ajayka9945@gmail.com	Ajay K A	8296297240	Student	SM VIT

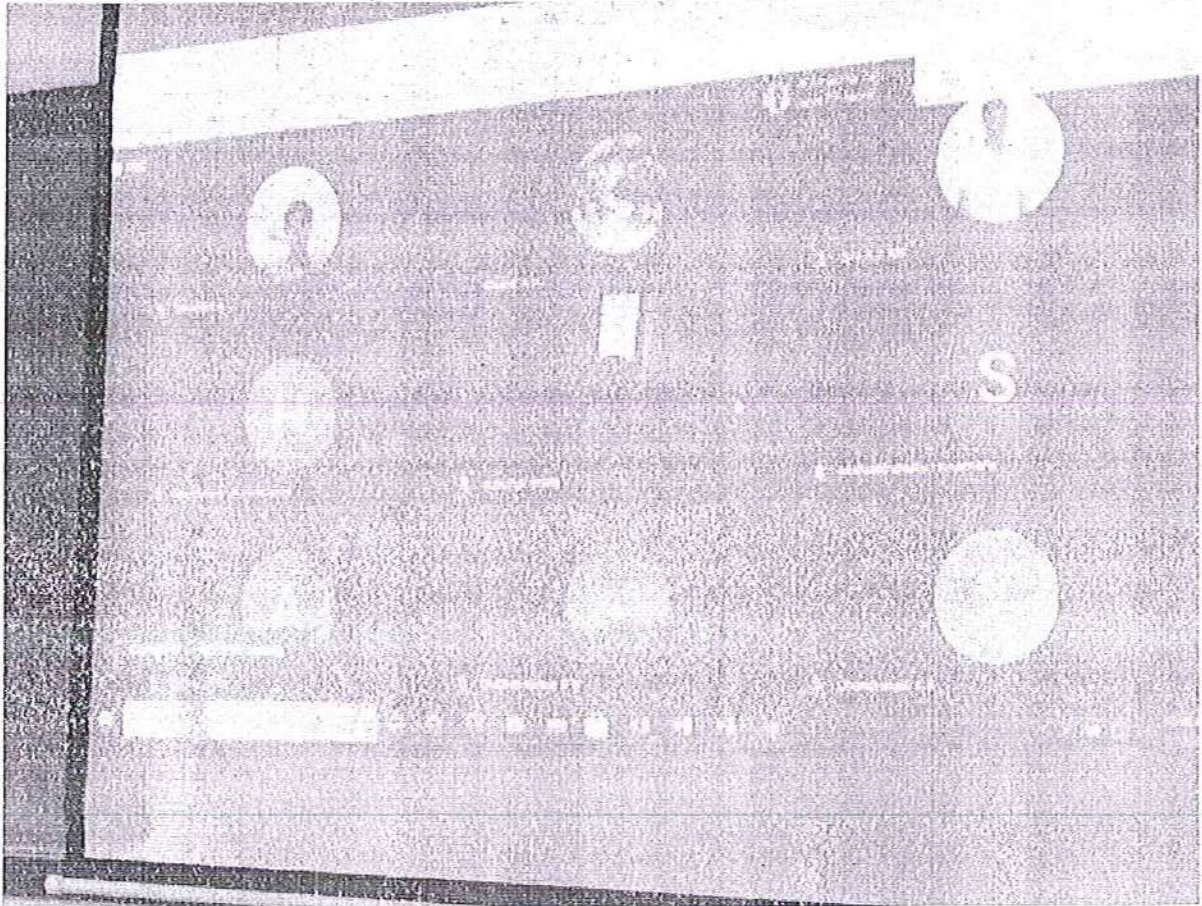
91

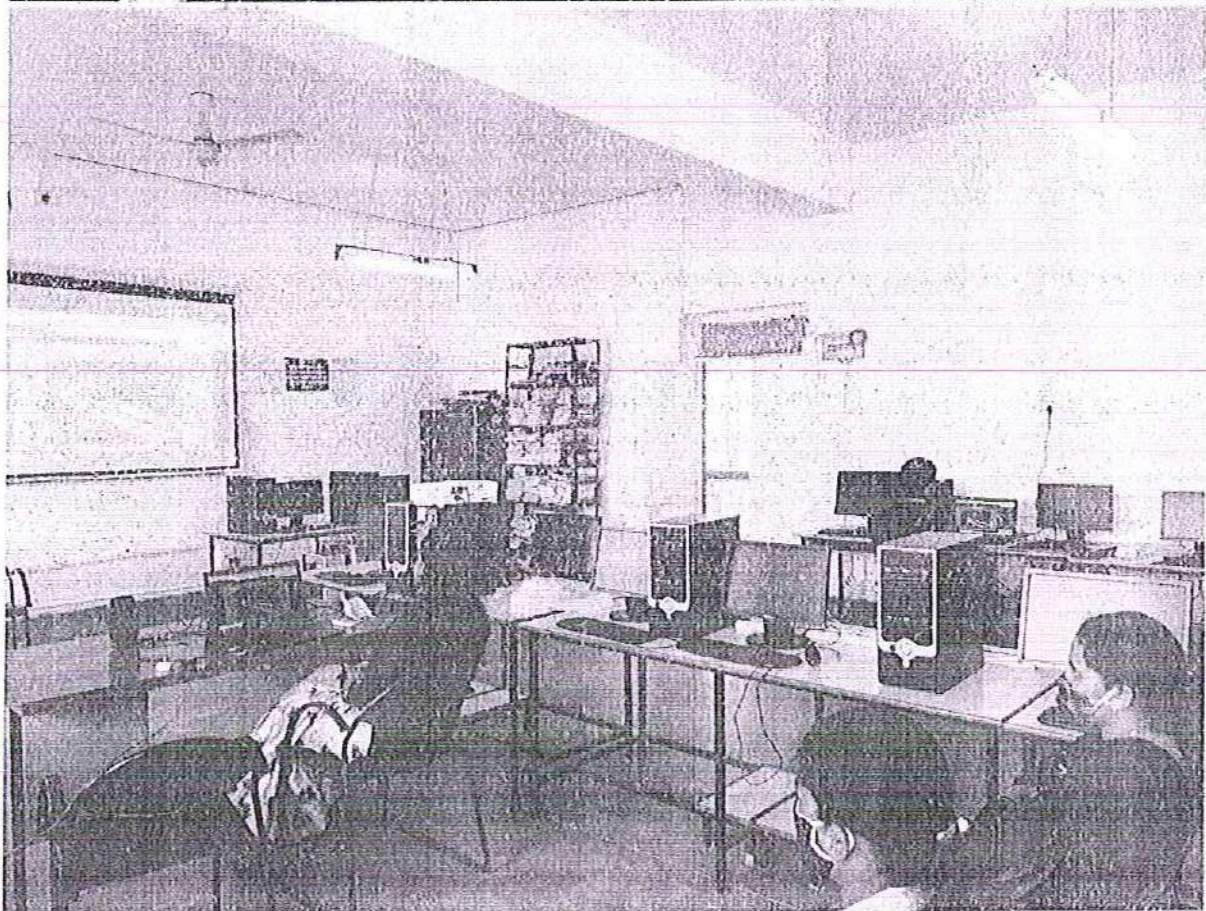
Registration Form - Challenges in Construction of Tall Bridges in the North-East. (Responses)

96	rbravuri@gmail.com	Ramesh Babu	7620600477	Faculty	NCC LTD
97	saiamara536@gmail.com	Sai Ganesh C N	9980041279	Student	Sir Mvit
98	vdeesha2000@gmail.com	Deesha.V	7349658486	Student	Sir MVIT
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101	shravanayogananda@gmail.com	Shravana Y	8431542230	Student	Sir. Mvit
102	chandansh147@gmail.com	CHANDAN E M	8861409590	Student	Department of Civil Engineering, Sir M Visvesvaraya Institute of technology
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105	yashwanthavenger@gmail.com	Yashwanth K S	6363475604	Student	Sir MVIT
106	k.nikhil24@gmail.com	Nikhil K	9900949991	Student	Sir MVIT
107	cws.edp@nccitd.in	KSN Raju	6305338047	Student	NCC Limited
108	doddiashtwin@gmail.com	ASHWIN RAMAGOND DODDI	9731969663	Student	Sir MVIT
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111	ravindra.varma@nccitd.in	Ravindra Varma	99482220232	Faculty	NCC Ltd.,
112	raghavragha711@gmail.com	Raghavendra S	+918073892995	Student	Sir mvit
113	shivas32000@gmail.com	Shiva Kumar H D	8660153087	Student	Sir M Visvesvaraya Institute of Technology
114	tejasgowda.t.m@gmail.com	Tejasgowda TM	9164621641	Student	Sir MVIT

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PICTURE GALLERY









SIR M VISVESVARAYA INSTITUTE OF TECHNOLOGY,
BANGALORE - 562157

DEPARTMENT OF CIVIL ENGINEERING

Certificate of Participation

This is to Certify that Mr./Ms. {{FULL NAME}}

has participated in the Webinar on "Challenges in Construction of Tall Bridges in the North-East", delivered by Mr. SAI BABA ANKALA, Chief Engineer, Indian Railways (Govt. of India). Organized by Department of Civil Engineering, on 7th December, 2020.

This is an electronically generated certificate and does not require any signature.

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Sl. No.	Email Address	Full Name	Contact Number	Organization	Designation	How satisfied were you with the event?	How satisfied were you with the session content?	Did the program help you gain Engineering knowledge?	The program addressed usage of modern tools in Civil engineering.	What were the key takeaways from the webinar?
1	anithajeyan@gmail.com	Anitha J	9742926612	SIR MVIT	Assistant Professor	5	5	Yes	Yes	Information
2	janardhanakumar@gmail.com	JANARDHANAK	9886213568	SIR MVIT	ASSOCIATE PROFESSOR	3	3	Yes	Yes	Planning, Contents
3	periyasandeeppreddy@gmail.com	Periyasaram sandeeppreddy	9010891224	Sir mvit	Civil	5	4	Yes	Yes	Good
4	bhavani365@gmail.com	Bhavani G B	8431449555	Uyce	Student	5	5	Yes	Yes	Challenges
5	akashdeep693@gmail.com	Akash Jadhav	8431225147	Civil engineering department sir mvit bangalore	student	5	5	Yes	Yes	Good
6	machimayavikas@gmail.com	MACHIMAYA VIKAS	9440140041	Sir M Visvesvaraya Institute of technology	Student	5	5	Yes	Yes	Learned about railways
7	suresh.b6@reva.edu.in	Suresh S	9645065270	REVA University	Assistant Professor	5	5	Yes	Yes	INDIAN RAILWAYS
8	pradeepa1980@gmail.com	PRADEEPA S	9886610709	SIRMVIT	ASSISTANT PROFESSOR	5	5	Yes	Yes	KNOWLEDGE
9	vincentarun1@gmail.com	Vincent Sairus Gera	9074368759	Noorul Islam College of Engineering, Tamil Nadu	Final Year Student	5	5	Yes	Yes	Enhanced Knowledge
10	chandannm30@gmail.com	Chandana M R	9663931939	Sir M Visvesvaraya Institute of technology	Student	4	4	Yes	Yes	Learned about construction of bridges in different areas
11	prabakaranm18@gmail.com	Prabakar	9595734262	Uyce Bangalore	Student	5	5	Yes	Yes	As sir said we should face it as challenges rather than treating it as problems ...and got to know about the worlds tallest bridge, tsing
12	nayana24@gmail.com	Nayana R	7899007493	Sir M Visvesvaraya Institute of Technology	Student	5	5	Yes	Yes	Opportunities for the future
13	cs686423117@gmail.com	Chethan Kumar D N	9686426117	Sir M Visvesvaraya Institute of technology	Student	5	5	Yes	Yes	The stability of bridge structures
14	bhavya_civil@mvit.edu	Bhavya S	9900136198	Sir MVIT	Civil Engineering	5	5	Yes	Yes	planning, how to face the challenges in construction modern railway
15	deepakshivakumar07@gmail.com	Deepak K S	9611065202	University visvesvaraya college of engineering (Uyce) bangalore university	B.TECH student 3rd year	5	5	Yes	Yes	Self cement blocks
16	rithugowda723@gmail.com	Rithushree S	9591350544	Sir M Visvesvaraya Institute of technology	Student	3	3	Yes	Yes	Knowledge on bridges
17	43kumarankit@gmail.com	Kumar Ankit	9113136546	Sir M Visvesvaraya Institute of Technology	Student	5	5	Yes	Yes	Everything
18	pushkarakash2@gmail.com	Akash Pushkar	9471252584	CIVIL ENGINEERING	B.E	5	5	Yes	Yes	Highly inspiring lectures
19	trivakumar552@gmail.com	Driva Kumar B S	7090004805	SIR MVIT	Student	5	5	Yes	Yes	practical techniques
20	vathsalapavanshetti@gmail.com	Vathisala N	9731952547	SIR MVIT	Student	5	5	Yes	Yes	Knowledge about bridges
21	salanarab65@gmail.com	Sal Guresh C N	9980041279	Sir Mvit	Student	5	5	Yes	Yes	Good
22	sharshini930@gmail.com	Harshini S	9591109759	SIR MVIT	student	5	5	Yes	Yes	got a good knowledge about civil engineering

Feedback Form - Challenges in Construction of Tall Bridges in the North-East. (Responses)

23	ashishjain202027@gmail.com	Ashish	0948177545		Student	5	5	Yes	Great insight in the depth of the civil engineering...
24	lakshmilucky2802@gmail.com	LAKSHMI L	9380615908	University Visvesvaraya College of Engineering	Student	4	4	Yes	I learnt more and well about structures and how to control the failures that occurs in structures
25	kirongowda70@gmail.com	Kiran Gowda G	6386307394	Sir M Visveswaraya Institute of technology	Student	5	5	Yes	Mainly about the field works and construction
26	hnarendrakumar@ibit.edu.in	Prof H NARENDRA KUMAR	+919916435690	SUB Institute of Technology	Associate Professor	5	5	Yes	Technical details about construction of tall bridges in extreme conditions.
27	vishnavisirmviti@gmail.com	Vishnavi D R	7204679593	Sir MVIT	Assistant Professor	5	5	Yes	accepting challenge and working on it
28	h.m.deepak7@gmail.com	H.M. Deepak	9353266034	Sir M Visveswaraya Institute of Technology	Student	5	5	Yes	Modern Technology
29	jaganathpooar114@gmail.com	Jaganath Pooar	9731018888	Srmit	Student	5	5	Yes	Career opportunities
30	adityavikram@gmail.com	Aditya Vikram	0769508394	NICMAR	Student	5	5	Yes	Knowledge about field works of engineer's
31	sirmvitevi@gmail.com	N TAMIL SELVI	+919632800598	Sir M Visveswaraya Institute of Technology	Assistant Professor	4	4	Yes	It was a learning experience
32	dr.shivanna_cv@sirmvit.edu.in	Dr. SHIVANNA S	8762042262	Sir MVIT	Associate Professor	5	5	Yes	Informative
33	akankshasume2000@gmail.com	Akanksha	+919972830522	Sir M Visveswaraya Institute of Technology	Student	5	5	Yes	Knowledge
34	sanjaycsr2000@gmail.com	Sanjay C	+919481942081	Srmit	Student	5	5	Yes	Some of the ground reality like the habbing of engineers, the difficult terrains etc
35	hujaratimani19@gmail.com	M Manisha	9900288583	Sir M Visveswaraya Institute of technology	Student	4	4	Yes	Construction of tall Bridge facing adverse weather conditions
36	ashwinia2504@gmail.com	Ashwini A	8494929096	Sir M Visveswaraya Institute of Technology	Student	4	5	Yes	Construction of tall bridges
37	telaspowda1m@gmail.com	Telaspowda TM	9164621641	Sir MVIT	Student	5	5	Yes	Challenges in constructing tall bridges
38	adilkamala@gmail.com	Kamala	8884883575	Sir MVIT	Student	4	4	Yes	construction of tall bridges
39	supriya14052000@gmail.com	SUPRIYA V	9845565816	Sir M Visveswaraya Institute of Technology	Student	4	3	Yes	I learnt about bridge software
40	vpcowda108@gmail.com	Vijay P	8660214064	Sir M. Visveswaraya Institute of technology, bangalore	Student	5	5	Yes	Learn about new software
41	rithikm2909@gmail.com	Rithik	7892026166	Sir Mvit	Student	5	5	Yes	construction of tall bridges
42	deepika072@gmail.com	Deepika R	9739603229	Sir MVIT	Student	4	4	Yes	Informative
43	lalitharagargi05@gmail.com	Lalitha Hanganagi	7619131624	Sir MVIT	Student	4	4	Yes	Got to know about the new softwares & challenges has to be faced in our field
44	darcnansbanakar698@gmail.com	Darshan s Banakar	7363115767	Sir M Visveswaraya Institute of technology	Civil engineer	5	5	Yes	Got to know about the challenges has to be in our field
								Yes	How to overcome the problems while constructing bridges.

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Feedback Form - Challenges in Construction of Tall Bridges in the North-East (Responses)

45	dalveekprasad15@gmail.com	Dalveek P	9008452419	Sir MVIT		Student		5		5	Yes	Yes	Very Informative
46	anirudhacharyy@gmail.com	Dr. Anirudh Acharyy	9945619611	Sir M Visvesvaraya Institute of Technology		Assistant Professor		4		4	Yes	Yes	Take the things as challenges and not problems
47	doddishwin@gmail.com	Ashwin Ramagond Doddi	9731969663	Sir MVIT		Student		5		5	Yes	Yes	Solution for the practical problems which may rise during the work
48	subhannanvi@gmail.com	Subham N A	8123423501	Sir MVIT Institute of Technology Bangalore		Student		4		5	Yes	Yes	Challenges in Construction of Tall Bridges in the North-East
49	gnshravan29396@gmail.com	Shravan G P	7019672437	Sir MVIT		Student		4		4	Yes	Yes	buildings
50	raghavragha711@gmail.com	Raghavendra S	+918073892965	Sir MVIT		Alumni		5		5	Yes	Yes	Work Process: hurdles that they have overcome, small innovations.
51	sreenatham20@gmail.com	Sreetha M	9906736246	REVA University		Assistant Professor		4		4	Yes	No	No comments
52	dr.ravikumarh17@gmail.com	Dr. RAVI KUMAR. H	9448320154	Sir M. Visvesvaraya Institute of Technology		Associate Professor		5		5	Yes	Yes	Construction techniques and Management at difficult site

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8th December, 2020



STUDENT
DEVELOPMENT
PROGRAM

MODERN SURVEYING

101

Speaker: Mrs. Veera Biradar |



SIR M. VISWESWARAYA INSTITUTE OF TECHNOLOGY
Affiliated to VTU, Belagavi | Approved by AICTE, New Delhi / Govt. of Karnataka | Accredited by NAAC UGC



DEPARTMENT OF CIVIL ENGINEERING
PRESENTS

STUDENT DEVELOPMENT PROGRAM
ON

MODERN SURVEYING



By: Mrs. Veera Biradar
Managing Director, M/s Transheight Consultants Private Limited,
Bengaluru

DECEMBER 8TH 2020
12:00 PM - 1:30 PM



Scan here to join.

CC certificates
will be
Issued.

Registration URL: <https://forms.gle/Ayyx6zBWgK4fH1b88>
Join the meet: <https://meet.google.com/ixd-yfy-bbz>

Convener

Mr H P Mahendra Babu
Prof & Head of Department

Co-ordinator(s)

Mr K V R Prasad
Dr Shivanna S
Dr Ravi Kumar H
Mrs Anitha J

Dr V R Manjunath
Principal

(102)

CURRICULUM VITAE

Name : Mrs. Veera Biradar
Name of Entity : M/s. Transheight Consultants Pvt Ltd.
Position in the Entity : Managing Director
Profession : Highway and Safety Engineer
Date of Birth : 7th Dec, 1982
Year of Experience : 16 Years
Nationality : Indian
Membership in Professional Societies:

- IRC, Indian
- Institute of Bridge Engineers
- Association of Consulting Civil Engineers
- The Institute of Engineers (Chartered Engineer)

Key Qualifications:

1. Name of the Project: Four Laning of Bangalore-Mysore State Highway-17, Length 150 Km

Project Cost: 500 Cr

Period: Jan'2006 - Apr'2006

Name of the Client: KRDCL

Title of Position Held: Junior Engineer

As Junior Engineer, responsible for Assistant of Traffic Expert to analysis of all traffic engineering aspects, traffic management plan; traffic audit & to identify potential Road Safety Policy programs that can minimize road death risk while achieving sustainable economic growth and socio economic development. Also carried out road safety audits to identify accident black spots and proposed remedial measures to mitigate the black spots. Responsible to organizing traffic surveys, briefing site staff, finalizing of traffic survey locations/design of survey forms, developing software for analysis of all traffic engineering aspects, traffic demand forecast (TDF) and traffic assignment taking into consideration the 'Zone of Influence' from O-D survey, financial analysis, sensitivity analysis etc.

2. Name of the Project: Bus Rapid Transit System (BRTS) - Coimbatore in the state of Tamil Nadu

Project Cost: 853 Cr

Period: May'2006 - Jul'2006

Name of the Client: Jawaharlal Nehru National Urban Renewal Mission -JNNURM

Title of Position Held: Highway cum Material Engineer

As Highway Engineer, responsible for analysis of Material Survey in collecting field data such as location, quantity and type of materials available, and Checking the quality of work. And also responsible for Preparation of monthly, Quarterly reports, management of project execution in site related to Roads and culverts

3. Name of the Project: Four Laning of NH-17 from Kuttipuram-Edapally in the State of Kerala under NHDP Phase III on BOT Basis

Project Cost: 1630 Cr

Period: Dec'2006-Nov'2007

Title of Position Held: Highway cum Material Engineer

- Topographic Survey using Total Station.
- Traffic studies
- Pavement Design
- Quantity Surveying
- Designing and DPR preparation.

4. Name of the Project: Preparation of Pre-feasibility report for proposed Peripheral Ring Road for Bangalore City including 7 Bypasses

Project Cost: 1960 Cr

Period: Jun'2006-Jul'2006

Name of the Client: Bangalore Development Authority

Title of Position Held: Highway cum Material Engineer

- Topographic Survey using Total Station.
- Traffic studies
- Pavement Design
- Quantity Surveying

- Designing and DPR preparation.
5. Name of the Project: Project Management Services for construction of Residential apartment Having 70 individual flats located at Sajarpur Road Bangalore

Project Cost: 20 Cr

Period: Nov'2007 – Mar'2008

Name of the Client: SVR Developers

Title of Position Held: Project Head

Responsibilities:

As Highway Engineer, responsible for analysis of Material Survey in collecting field data such as location, quantity and type of materials available, and Checking the quality of work. And also responsible for Preparation of monthly, Quarterly reports, management of project execution in site related to Roads and culverts

6. Name of the Project: Preparation of Detail project report for Road connecting Herrohalli to Magadi Road, length of the road 9 Km.

Project Cost: 20 Cr

Period: Jun'2008 – August'2008

Name of the Client: Siddhant Consultants Bangalore

Title of Position Held: Project Head

Responsibilities:

- Topographic Survey using Total Station.
- Traffic studies
- Pavement Design
- Quantity Surveying
- Designing and DPR preparation.

7. Name of the Project: Preparation of Detail project report for formation of Road in IVEN Township, Pune, Maharashtra.

Project Cost: 10 Cr

Period: Aug'2008 – Oct'2008

Name of the Client: Potential Consultants Bangalore

Title of Position Held: Project Coordinator

Responsibilities:

- Topographic Survey using Total Station.
- Traffic studies
- Pavement Design
- Quantity Surveying
- Designing and DPR preparation.

8. Name of the Project: Detail project report for circumferential and interior Roads for the Resort Construction at Calicut, Kerala, length of the road 15 Km.

Project Cost: 17 Cr

Period: Jan'2009 – Mar'2009

Name of the Client: KEF Holdings, Dubai

Title of Position Held: Project Manager cum Quality Control Expert

Responsibilities:

- Topographic Survey using Total Station.
- Traffic studies
- Pavement Design
- Quantity Surveying
- Designing and DPR preparation.

9. Name of the Project: Detail project report for Kenchanagudda to Yathrinivas at Bellary District

Project Cost: 2 Cr

Period: Dec'2009 – Jan'2010

Name of the Client: Nirmithi Kendra, Bellary

Title of Position Held: Project Manager cum Quality Control Expert

Responsibilities:

- Topographic Survey using Total Station.
- Geometric and Pavement designing

- Quantity Surveying
- Preparation of DPR.
- Construction Supervision

10. **Name of the Project:** Consultancy services for the Preparation of DPR for the Road connecting Anantapur road and Sangankai road via Raghavendra Colony main Road, Bellary
Project Cost: 16.43 Cr
Period: Aug'2011 – Jan'2012
Name of the Client: Bellary Urban Development Authority
Title of Position Held: Team Leader
Responsibilities:
- Safety & operational implications
 - Width options,
 - Drainage, Lay Bys & Footpaths
 - Pedestrian Crossings & Public Transport
 - Future Widening &
 - Layout, Visibility
 - Lighting & Signs / Markings
 - Skid resistance, Safety fences, Bridge parapets
 - Road safety implications on maintenance
 - All roundabouts & Mini Roundabouts
 - Carried out Road Safety Audit
11. **Name of the Project:** Consultancy services for Topographical Survey Preparation of DPR including Soil Tests, Design and Drawings to rehabilitation and Strengthening of Roads in Gnana Bharathi of Bangalore University
Project Cost: 11.25 Cr
Period: Jul'2011 – Jan'2012
Name of the Client: Bruhat Bangalore Mahanagara Palike
Title of Position Held: Team Leader cum Highway Engineer
Responsibilities:
- Black spot study and analysis.
 - Analysis of accident records
 - Road safety audit and critical assessment of deficiencies in road route, area and locations from safety aspects
 - Preparation of Road Safety Policies
 - Safety and operational implications of proposed alignment & Junction strategy with particular references to expected road users & vehicle types likely to use the roads
 - Width options considered for various sections
 - Detail design from a road safety view point including the road safety implications of future maintenance
 - Finalization of junctions, science, markings, lighting, night time safety standards, impact on and continuity with existing network particularly in urban areas.
12. **Name of the Project:** Consultancy Services of Road works under MLA Funds, Gulbarga District
Project Cost: 4 Cr
Period: May'2012 – Aug'2012
Name of the Client: District Urban Development Cell
Title of Position Held: Highway/ Material Engineer
Responsibilities:
 As Highway Engineer, responsible for analysis of Material Survey in collecting field data such as location, quantity and type of materials available, and Checking the quality of work. And also responsible for Preparation of monthly, Quarterly reports, management of project execution in site related to Roads and culverts
13. **Name of the Project:** Preparation of DPR's pertaining to Karnataka State under PMGSY Phase-X, DPRs for a length of 72.00 Km in Sindhanur, Constituency in Raichur District
Project Cost: 28.8 Cr
Period: Jan'2012 – Feb'2013
Name of the Client: Karnataka Rural Development Agency
Title of Position Held: Team Leader cum Highway Engineer

Responsibilities:

- Project management and co-ordination
- Topographic Survey using Total Station
- Geometric and Pavement designing
- Quantity Surveying
- Preparation of DPR

14. **Name of the Project:** Preparation of DPR's pertaining to Karnataka State under PMGSY Phase-X, DPRs for a length of 50.00 Km in Bellary, Constituency in Bellary District

Project Cost: 20 Cr

Period: Jan'2012 – Mar'2013

Name of the Client: Karnataka Rural Development Agency

Title of Position Held: Team Leader cum Sr. Highway Engineer

Responsibilities:

- Co-ordination with Team members
- Checking of drawings and reports before release, suggesting deviations in design, identifying any changes, taking approval and making final modifications

15. **Name of the Project:** Consultancy Services for Construction, Project Management and Quality Control for the work of Comprehensive development to Hulimavu-Begur Road (from DLF southern homes township towards Tayappa garden junction road, Ch 0.000 to Ch 850.00 M)

Project Cost: 3.95 Cr

Period: Jul'2012 – Sept'2013

Name of the Client: Bruhat Bangalore Mahanagara Palike

Title of Position Held: Highway / Material Engineer

Responsibilities:

As Highway Engineer, responsible for analysis of Material Survey in collecting field data such as location, quantity and type of materials available, and Checking the quality of work. And also responsible for Preparation of monthly, Quarterly reports, management of project execution in site related to Roads and culverts

16. **Name of the Project:** Consulting Services for Construction Supervision and Project Management of Asphalted Arterial/ Sub Arterial Roads in Bangalore City for Pkg "E"

Period: May'2013 – Aug'2013

Name of the Client: Bruhat Bangalore Mahanagara Palike

Title of Position Held: Team Leader

Responsibilities:

- Black spot study and analysis.
- Analysis of accident records
- Road safety audit and critical assessment of deficiencies in road route, area and locations from safety aspects
- Preparation of Road Safety Policies
- Safety and operational implications of proposed alignment & Junction strategy with particular references to expected road users & vehicle types likely to use the roads
- Width options considered for various sections
- Detail design from a road safety view point including the road safety implications of future maintenance
- Finalization of junctions, science, markings, lighting, night time safety standards, impact on and continuity with existing network particularly in urban areas.

17. **Name of the Project:** Consulting Services for Construction Supervision and Project Management of Asphalted Arterial/ Sub Arterial Roads in Bangalore City for Package "F"

Period: May'2013 – Aug'2013

Name of the Client: Bruhat Bangalore Mahanagara Palike

Title of Position Held: Team Leader

Responsibilities:

- Black spot study and analysis.
- Analysis of accident records
- Road safety audit and critical assessment of deficiencies in road route, area and locations from safety aspects
- Preparation of Road Safety Policies

- Safety and operational implications of proposed alignment & Junction strategy with particular references to expected road users & vehicle types likely to use the roads
- Width options considered for various sections
- Detail design from a road safety view point including the road safety implications of future maintenance
- Finalization of junctions, science, markings, lighting, night time safety standards, impact on and continuity with existing network particularly in urban areas.

18. Name of the Project: Consulting Services for Construction Supervision and Project Management of Asphalted Arterial/ Sub Arterial Roads in Bangalore City for Package "G"

Project Cost: 39.81 Cr

Period: May'2013 – Aug'2013

Name of the Client: Bruhat Bangalore Mahanagara Palike

Title of Position Held: Project Director

Responsibilities:

- Black spot study and analysis.
- Analysis of accident records
- Road safety audit and critical assessment of deficiencies in road route, area and locations from safety aspects
- Preparation of Road Safety Policies
- Safety and operational implications of proposed alignment & Junction strategy with particular references to expected road users & vehicle types likely to use the roads
- Width options considered for various sections
- Detail design from a road safety view point including the road safety implications of future maintenance
- Finalization of junctions, science, markings, lighting, night time safety standards, impact on and continuity with existing network particularly in urban areas.

19. Name of the Project: Consulting Services for Construction Supervision and Project Management of Asphalted Arterial/ Sub Arterial Roads in Bangalore City for Pkg "H"

Project Cost: 39 Cr

Period: May'2013 – Aug'2013

Name of the Client: Bruhat Bangalore Mahanagara Palike

Title of Position Held: Project Director

Responsibilities:

- Black spot study and analysis.
- Analysis of accident records
- Road safety audit and critical assessment of deficiencies in road route, area and locations from safety aspects
- Preparation of Road Safety Policies
- Safety and operational implications of proposed alignment & Junction strategy with particular references to expected road users & vehicle types likely to use the roads
- Width options considered for various sections
- Detail design from a road safety view point including the road safety implications of future maintenance
- Finalization of junctions, science, markings, lighting, night time safety standards, impact on and continuity with existing network particularly in urban areas.

20. Name of the Project: Consultancy assignment of providing project report for Resurfacing/Strengthening of Selected Roads in West Division (Road Infrastructure) BBMP Package I

Project Cost: 39.74 Cr

Period: Aug'2014 – Dec'2014

Name of the Client: Bruhat Bangalore Mahanagara Palike

Title of Position Held: Sr. Highway Design Engineer

Responsibilities:

Geometric, Pavement, Traffic estimate and Alignment Design as per IRC Guidelines, Preparation of cost estimates and Assistance in preparation of drafting of Highways, Conducting Traffic Studies, Traffic Analysis, managing entire office work and coordination with other support staff.

21. Name of the Project: Consultancy services for construction Supervision and Project Management and Quality control of Rehabilitation & Strengthening of Arterial/Sub Arterial Roads in HSR Layout in Bangalore City under Major Roads South East Division Package 3

Project Cost: 35.88 Cr

Period: Mar'2015 -- Jun'2015

Name of the Client: Bruhat Bangalore Mahanagara Palike

Title of Position Held: Sr. Highway Design Engineer

Responsibilities:

Geometric, Pavement, Traffic estimate and Alignment Design as per IRC Guidelines, Preparation of cost estimates and Assistance in preparation of drafting of Highways, Conducting Traffic Studies, Traffic Analysis, managing entire office work and coordination with other support staff.

22. **Name of the Project:** Consultancy services for construction Supervision and Project Management of comprehensive road development plan for Rehabilitation & Strengthening of High Quality Upgraded roads in Rajarajeshwarinagar Zone and Bommanahalli Zone, in Bangalore, total 10 works, of Total length 16.15 KM in South Zone of BBMP

Project Cost: 40 Cr

Period: Sept'2014 -- Oct'2015

Name of the Client: Bruhat Bangalore Mahanagara Palike

Title of Position Held: Team Leader

Responsibilities:

- Black spot study and analysis.
- Analysis of accident records
- Road safety audit and critical assessment of deficiencies in road route, area and locations from safety aspects
- Preparation of Road Safety Policies
- Safety and operational implications of proposed alignment & Junction strategy with particular references to expected road users & vehicle types likely to use the roads
- Width options considered for various sections
- Detail design from a road safety view point including the road safety implications of future maintenance
- Finalization of junctions, science, markings, lighting, night time safety standards, impact on and continuity with existing network particularly in urban areas.

23. **Name of the Project:** Consultancy assignment of providing project report for Resurfacing/Strengthening of Selected Roads in West Division (Road Infrastructure) BBMP Package II

Project Cost: 15.69 Cr

Period: Aug'2015 -- Nov'2015

Name of the Client: Bruhat Bangalore Mahanagara Palike

Title of Position Held: Sr. Highway Engineer cum Team Leader

Responsibilities:

- Black spot study and analysis.
- Analysis of accident records
- Road safety audit and critical assessment of deficiencies in road route, area and locations from safety aspects
- Preparation of Road Safety Policies
- Safety and operational implications of proposed alignment & Junction strategy with particular references to expected road users & vehicle types likely to use the roads
- Width options considered for various sections
- Detail design from a road safety view point including the road safety implications of future maintenance

24. **Name of the Project:** Consultancy services for carrying out the Geo-technical Investigations & providing Detailed Structural Designs for Construction of Bridge at Ch 1.950 Km of Gubbalalu-Subramanyapura Road near Uttarahalli, Bangalore south

Project Cost: 12 Cr

Period: Nov'2015 -- Dec'2015

Name of the Client: Bruhat Bangalore Mahanagara Palike

Title of Position Held: Team Leader

Responsibilities:

1. Project management and co-ordination
2. Topographic Survey using Total Station.
3. Quantity Surveying

25. **Name of the Project:** Consultancy services for the preparation of DPR in the western part of Hospet City from SiddhipriyaKalyanamantapa to road connecting NH 13,Bellary
Project Cost: 14.85 Cr
Period: Jul'2016 – Oct'2016
Name of the Client: Hospet Urban Development Authority
Title of Position Held: Project Head cum Traffic & Safety Expert
Responsibilities:
- Safety & operational implications
 - Width options,
 - Drainage, Lay Bys & Footpaths
 - Pedestrian Crossings & Public Transport
 - Future Widening &
 - Layout, Visibility
 - Lighting & Signs / Markings
 - Skid resistance, Safety fences, Bridge parapets
 - Road safety implications on maintenance
 - All roundabouts & Mini Roundabouts
 - Carried out Road Safety Audit
26. **Name of the Project:** Project Management Consultancy and Third Party Inspection towards Quality and Quantity audit of works taken up under Hyderabad Karnataka Region Development Board Macro funds for the following year 2016-17
Project Cost: 300 Cr
Period: Jan'2016 –Jan'2017
Name of the Client: Hyderabad Karnataka Regional Development Board
Title of Position Held: Project Head cum Road Safety Engineer
Responsibilities:
- Safety & operational implications
 - Width options,
 - Drainage, Lay Bys & Footpaths
 - Pedestrian Crossings & Public Transport
 - Future Widening &
 - Layout, Visibility
 - Lighting & Signs / Markings
 - Skid resistance, Safety fences, Bridge parapets
 - Road safety implications on maintenance
 - All roundabouts & Mini Roundabouts
 - Carried out Road Safety Audit
27. **Name of the Project:** Consultancy Services for Designs, Project Management and Construction Supervision for the work of Construction of Approach Road & Protective works to the existing Bridge across Arkavathi River at Rampura village on Rampura-, Guddadahalli-Kakaramanahalli (Bidadi main road) in Ramanagara Taluk, Ramanagara District.
Project Cost: 6.9 Cr
Period: 2018-19
Name of the Client: Karnataka Road Development Corporation Board
Title of Position Held: Team Leader
Responsibilities: : Planning and preparing work schedule, arranging & attending meetings with client, reporting progress of the work to the client, reporting progress of the work to the client, managing the entire work as per work plan, managing the entire work as per work plan. Inspect and certify the quality of materials used in construction and work execution. Assess the adequacy of man, materials, machineries at work site. Inspect and certify each and every work executed at work site. Inform client regarding work progress and contractors performance. Propose and recommend with a detailed report to the Client, the changes in the quantities of the item in the contract agreement or the extra items and changes in the scope of work if any, including its effect on the contract amount and the project completion. Supervise each and every work executed, verify quantities and undertake scrutiny of measurements and certify the bill for making payment. To conduct frequent meetings at site location and train labors regarding safety measures.
28. **Name of the Project:** Consulting Services for Proof Checking of Design, Project Management Consultancy for the work of Construction of RCC side drains for Road no 1 & 2 and Road no. 2,3,4,5,6,8,9,10,11,12,13 at Kapnoor 1st and 2nd Stage Industrial Area, Resurfacing of existing road in

Nandur Kesaratagi 1st stage Kalaburgi District and Upgradation of storm water drain & balance roads & drain at Naubad Housing, Naubad Auto Nagar & Naubad Industrial Area at Bidar District

Project Cost: 17.68 Cr

Period: 2019-20

Name of the Client: Karnataka Industrial Area Development Board

Title of Position Held: Team Leader

Responsibilities: : Planning and preparing work schedule, arranging & attending meetings with client, reporting progress of the work to the client, reporting progress of the work to the client, managing the entire work as per work plan, managing the entire work as per work plan. Inspect and certify the quality of materials used in construction and work execution. Assess the adequacy of man, materials, machineries at work site. Inspect and certify each and every work executed at work site. Inform client regarding work progress and contractors performance. Propose and recommend with a detailed report to the Client, the changes in the quantities of the item in the contract agreement or the extra items and changes in the scope of work if any, including its effect on the contract amount and the project completion. Supervise each and every work executed, verify quantities and undertake scrutiny of measurements and certify the bill for making payment. To conduct frequent meetings at site location and train labors regarding safety measures.

29. Name of the Project: PROVIDING PROJECT MANAGEMENT CONSULTANCY FOR SHDP

Project Cost: 123.48 Cr

Period: 2019-20

Name of the Client: KPWD

Title of Position Held: Team Leader

Responsibilities: Planning and preparing work schedule, arranging & attending meetings with client, reporting progress of the work to the client, reporting progress of the work to the client, managing the entire work as per work plan, managing the entire work as per work plan. Inspect and certify the quality of materials used in construction and work execution. Assess the adequacy of man, materials, machineries at work site. Inspect and certify each and every work executed at work site. Inform client regarding work progress and contractors performance. Propose and recommend with a detailed report to the Client, the changes in the quantities of the item in the contract agreement or the extra items and changes in the scope of work if any, including its effect on the contract amount and the project completion. Supervise each and every work executed, verify quantities and undertake scrutiny of measurements and certify the bill for making payment. To conduct frequent meetings at site location and train labors regarding safety measures.

31. Name of the Project: Providing Consultancy Services for the Preparation of Detailed Project Reports (DPRs) for SHDP Phase-4 works in Shivamogga District, Karnataka

Project Cost: 224.80 Cr

Period: 2019-20

Name of the Client: KPWD

Title of Position Held: Team Leader

Responsibilities: : Planning and preparing work schedule, arranging & attending meetings with client, reporting progress of the work to the client, reporting progress of the work to the client, managing the entire work as per work plan, managing the entire work as per work plan. Inspect and certify the quality of materials used in construction and work execution. Assess the adequacy of man, materials, and machineries at work site. Inspect and certify each and every work executed at work site. Inform client regarding work progress and contractors performance. Propose and recommend with a detailed report to the Client, the changes in the quantities of the item in the contract agreement or the extra items and changes in the scope of work if any, including its effect on the contract amount and the project completion. Supervise each and every work executed, verify quantities and undertake scrutiny of measurements and certify the bill for making payment. To conduct frequent meetings at site location and train labors regarding safety measures

32. Name of the Project: Providing Consultancy Services for the Preparation of Detailed Project Reports (DPRs) works in Gadag District, Karnataka

Project Cost: 148.79 Cr

Period: 2019-20

Name of the Client: KPWD

Title of Position Held: Team Leader

Responsibilities: : Planning and preparing work schedule, arranging & attending meetings with client, reporting progress of the work to the client, reporting progress of the work to the client, managing the entire work as per work plan, managing the entire work as per work plan. Inspect and certify the quality of materials used in construction and work execution. Assess the adequacy of man, materials, and machineries at work site. Inspect and certify each and every work executed at work site. Inform client regarding work progress and contractors performance. Propose and recommend with a detailed report to the Client, the changes in the quantities of the item in the contract agreement or the extra items and changes in the scope of work if any, including its effect on the contract amount and the project completion. Supervise each and every work executed, verify quantities and undertake scrutiny of measurements and certify the bill for making payment. To conduct frequent meetings at site location and train labors regarding safety measures.

33. **Name of the Project:** Consulting Services For Quality Monitoring
Services For Road Infrastructure Works In Hoskore-Bangalore Rural District.
Project Cost: 5.48 Cr
Period: 2019-20
Name of the Client: Karnataka Industrial Area Development Board
Title of Position Held: Team Leader
Responsibilities: : Planning and preparing work schedule, arranging & attending meetings with client, reporting progress of the work to the client, reporting progress of the work to the client, managing the entire work as per work plan, managing the entire work as per work plan. Inspect and certify the quality of materials used in construction and work execution. Assess the adequacy of man, materials, machineries at work site. Inspect and certify each and every work executed at work site. Inform client regarding work progress and contractors performance. Propose and recommend with a detailed report to the Client, the changes in the quantities of the item in the contract agreement or the extra items and changes in the scope of work if any, including its effect on the contract amount and the project completion. Supervise each and every work executed, verify quantities and undertake scrutiny of measurements and certify the bill for making payment. To conduct frequent meetings at site location and train labors regarding safety measures.
34. **Name of the Project:** Consulting Services for Proof Checking of Design, Project Management Consultancy for the work of Construction of RCC side drains for Road no 1 & 2 and Road no. 2,3,4,5,6,8,9,10,11,12,13 at Kapnoor 1st and 2nd Stage Industrial Area, Resurfacing of existing road in Nandur Kesaratagi 1st stage Kalaburgi District and Upgradation of storm water drain & balance roads & drain at Naubad Housing, Naubad Auto Nagar & Naubad Industrial Area at Bidar District
Project Cost: 10.14 Cr
Period: 2020
Name of the Client: Karnataka Industrial Area Development Board
Title of Position Held: Team Leader
Responsibilities: Planning and preparing work schedule, arranging & attending meetings with client, reporting progress of the work to the client, reporting progress of the work to the client, managing the entire work as per work plan, managing the entire work as per work plan. Inspect and certify the quality of materials used in construction and work execution. Assess the adequacy of man, materials, machineries at work site. Inspect and certify each and every work executed at work site. Inform client regarding work progress and contractors performance. Propose and recommend with a detailed report to the Client, the changes in the quantities of the item in the contract agreement or the extra items and changes in the scope of work if any, including its effect on the contract amount and the project completion. Supervise each and every work executed, verify quantities and undertake scrutiny of measurements and certify the bill for making payment. To conduct frequent meetings at site location and train labors regarding safety measures.
35. **Name of the Project:** Preparation of Detailed Project Report (DPR) for Road Works under PMGSY-III under KRRDA
Project Cost: 87.6 Cr
Period: 2020
Name of the Client: Karnataka Rural Road Development Authority
Title of Position Held: Team Leader
Responsibilities: Planning and preparing work schedule, arranging & attending meetings with client, reporting progress of the work to the client, reporting progress of the work to the client, managing the entire work as per work plan, managing the entire work as per work plan. Inspect and certify the

quality of materials used in construction and work execution. Assess the adequacy of man, materials, machineries at work site. Inspect and certify each and every work executed at work site. Inform client regarding work progress and contractors performance. Propose and recommend with a detailed report to the Client, the changes in the quantities of the item in the contract agreement or the extra items and changes in the scope of work if any, including its effect on the contract amount and the project completion. Supervise each and every work executed, verify quantities and undertake scrutiny of measurements and certify the bill for making payment. To conduct frequent meetings at site location and train labors regarding safety measures.

Education:

Degree	Year of Passing	Name of the University	Name of the College
B.E Civil	2004	VTU	Sir MVIT, Bangalore
PG Diploma In Road Technology	2005	VTU	RASTA, Bangalore
M.Tech (Transportation Engineering & Management)	2015	VTU	BMSCE, Bangalore
Certification for Road Safety	2016	-	CRRI and IAHE, New Delhi
Certified Chartered Engineer	2017		The Institute of Engineers, Kolkata

Employment Record:

From	Till	Name of Employer	Positions Held	Location
March'2011	Present	Transheight Consultants Pvt. Ltd.	Managing Director	Bangalore
December'2007	March'2011	M/s. Team For You	Managing Partner	Bangalore
May'2006	November'2007	Wilbur Smith Associates Private Limited	Highway Engineer	Bangalore
January'2006	April'2006	M/s SOMA Enterprises	Site Engineer	Bangalore-Mysore
May'2005	December'2005	Consulting Engineering Services	Junior Engineer	Delhi

Languages:

Language	Speaking	Reading	Writing
Kannada	Excellent	Excellent	Excellent
English	Excellent	Excellent	Excellent
Hindi	Excellent	Excellent	Excellent

Declaration:

I, declare that to the best of my knowledge and belief, these data correctly describe me, my qualifications, and my experience.

Veera Biradar

Name: Mrs. VEERA BIRADAR

Place: Bangalore

REPORT ON
Student Development Program
“Modern Surveying”

CONDUCTED ON 8TH OF DECEMBER, 2020

Surveying or land surveying is the technique, profession, and science of determining the terrestrial or three dimensional positions of points and the distances and angles between them.

Revolutionary changes have taken place in last few years in surveying instruments that are used for measuring level differences, distances and angles. This has become possible because of introduction of electronics in these measurements. With rapid advancements in the technology and availability of cheaper and innovative electronic components, these instruments have become affordable and easy to use.

This Student Development Program was organized by Department of Civil Engineering Sir MVIT on 08/12/2020, for the students, staffs, research scholars and others working in the field of Civil Engineering.

The Program outlined developments in the technology for various survey measurements such as digital levels, electronic distance measuring instruments, electronic theodolites, total stations, GPS etc.

The program was conducted over Google Meet Platform. and had 80 active participants.

The program started at 12.00 pm IST. Mr. H.P Mahendrababu, Professor & Head of Civil Engineering Department, Mr. KVR Prasad, Dr. Shivanna S, and Dr. Ravi Kumar H, addressed the gathering and commenced the program.

This was followed by welcome address by Mr. H.P Mahendrababu, Professor & Head of Civil Engineering Department.

Dr. Ravi Kumar H, Associate Professor, introduced and welcomed the speaker to start with his presentation.

Participants showed active participation by asking questions during the question & answer session, the speaker, Mr. Sai Baba Ankala, answered all of the questions.

The session ended with thanks to the speaker and all the attendees, by Mr. KVR Prasad, Associate Professor, Department of Civil Engineering, Sir MVIT, Bangalore.

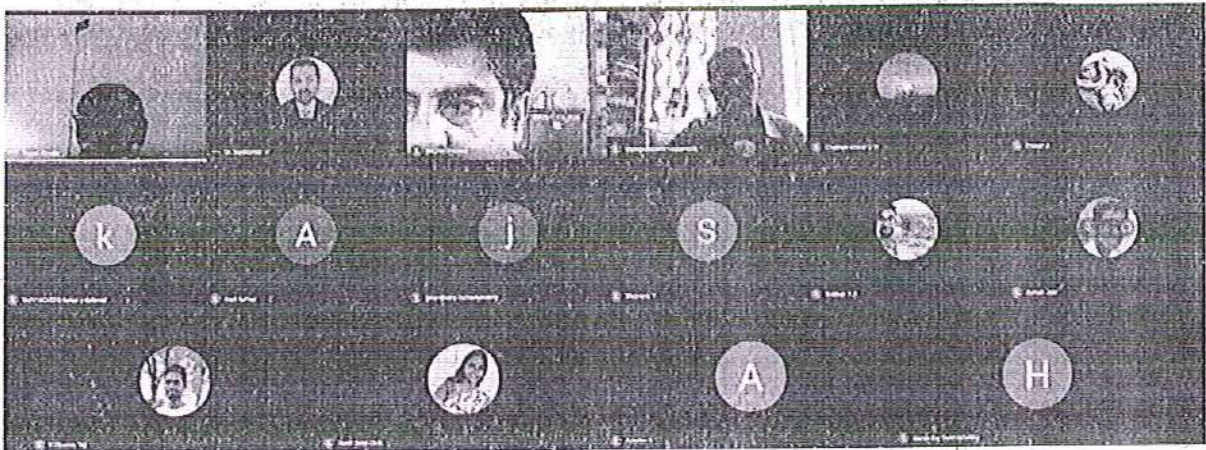
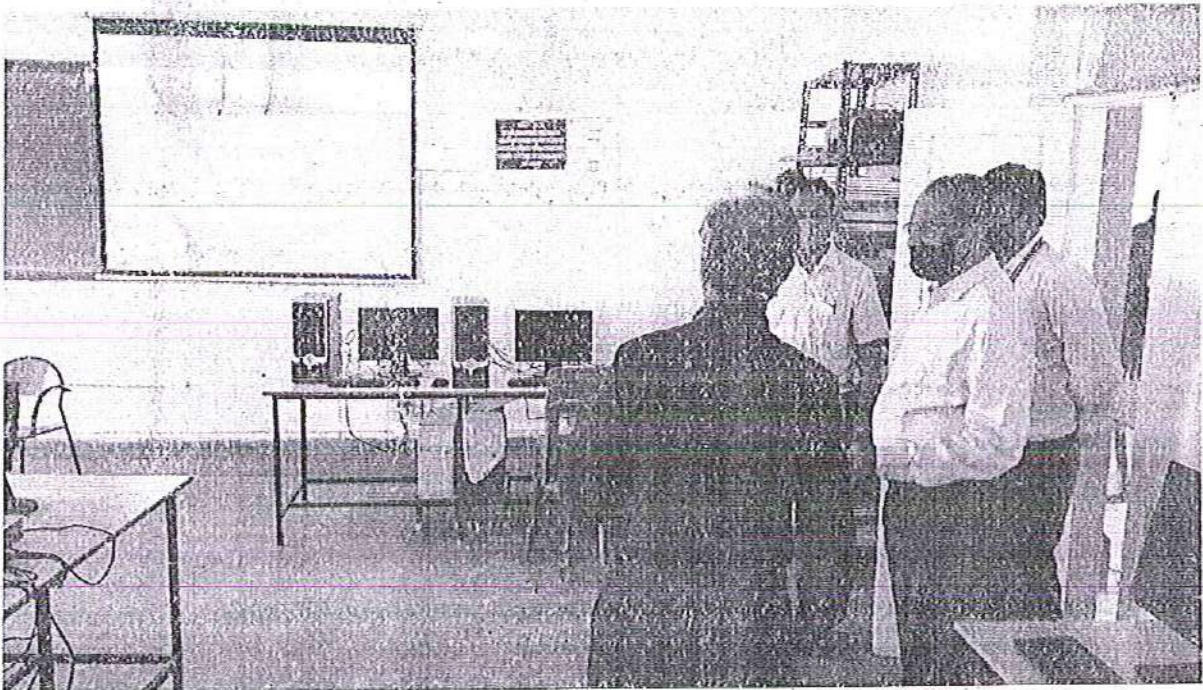
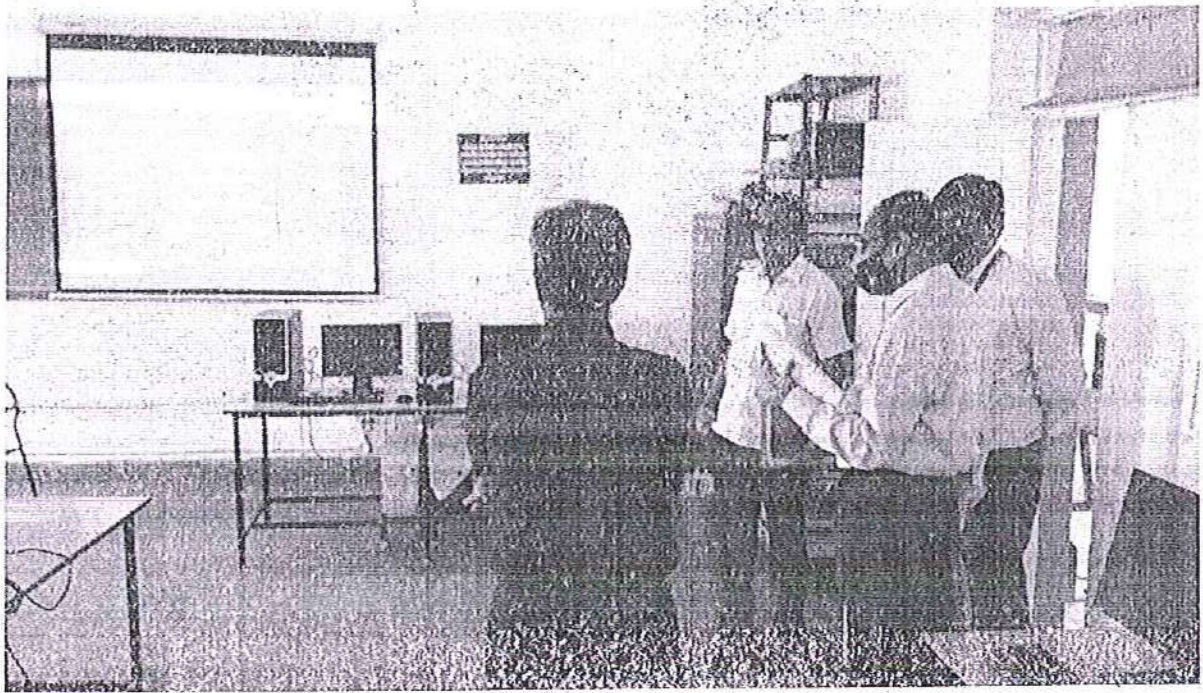
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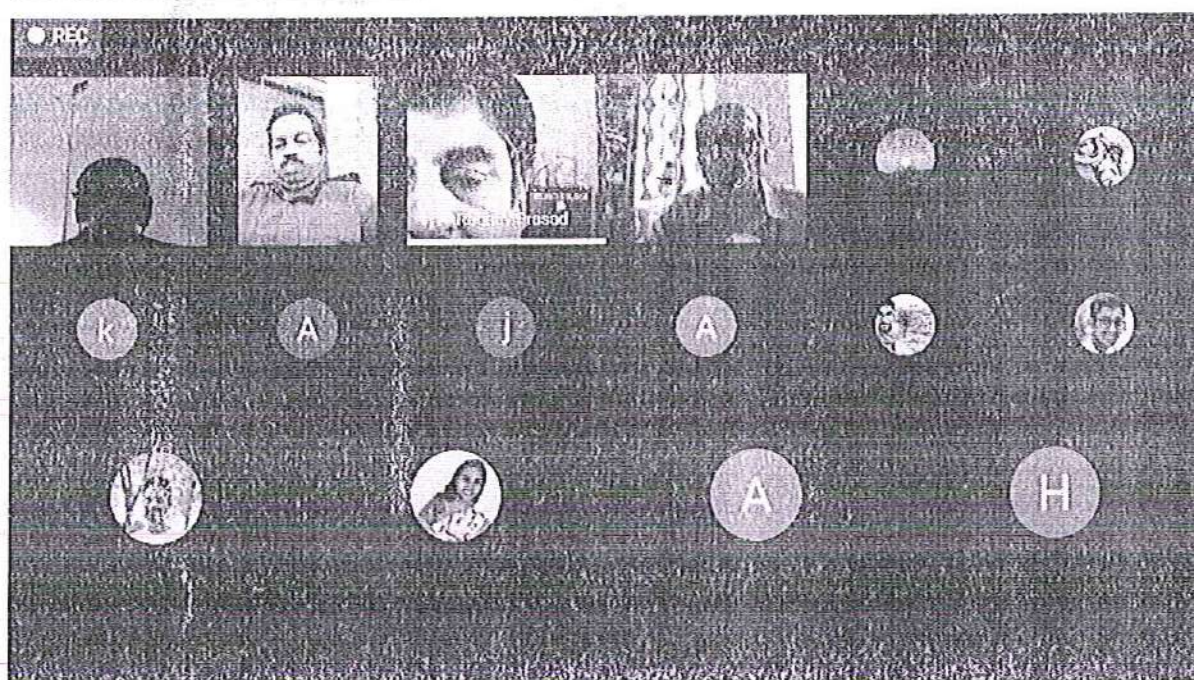
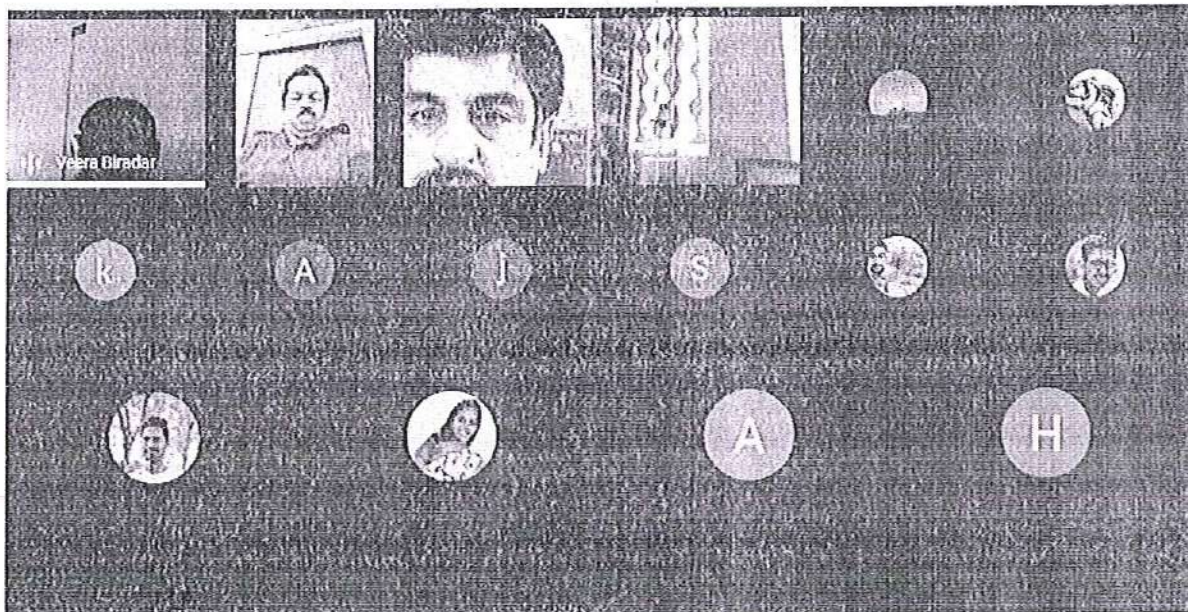
Sl. No.	Email Address	Name	Contact Number	Designation	Organization
1	periavaramsandeepreddy@gmail.com	Periyavaram sandeep reddy	9010891224	Student	Sir mvit
2	zainrajm@gmail.com	MB Zainraj	9900669005	Student	Sir MVI
3	c9686426117@gmail.com	Chethan kumar D N	9686426117	Student	Sir M Visveswaraya institute of technology
4	sharshini930@gmail.com	Harshini.S	9591109759	Student	Sir MVI
5	vpgowda108@gmail.com	Vijay P	8660214064	Student	Sir M. Visveswaraya institute of technology, Bangalore
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7	harshavardhanaemperor@gmail.com	Harshavardhana A R	9008900401	Research Scholar	JMC projects India ltd
8	vyshnavisirmvit@gmail.com	Vyshnavi D R	7204679593	Faculty	Sir mvit
9	kedarofficedrive2@gmail.com	Kedar M	9964362535	Student	Sir M Visveswaraya Institute of Technology Bengaluru
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11	kavyadalawallas@gmail.com	Kavya y dalawai	7259080373	Student	MVIT BANGALORE
12	vathsalapavanshetty@gmail.com	Vathsala N	9731952647	Student	SIR MVI
13	ranjitharkumar2001@gmail.com	Ranjitha C R	7996583808	Student	Civil engineering
14	megharajdd2000@gmail.com	MEGHARAJA D	9341084511	Student	Government engineering college Hassan
15	amoghavarshagowdu@gmail.com	AMOGHAVARSHA N S	9800242325	Student	GECH
16	harshithasraj29@gmail.com	Harshitha S	6361805646	Student	Government engineering College Hassan
17	keerthanakarunakara@gmail.com	Keerthana. D. K.	8861634884	Student	Government engineering college hassan
18	nayenakm2542@gmail.com	NAYANA K M	6361634062	Student	Government Engineering college Hassan
19	prajwalkb55@gmail.com	PRAJWAL K B	9380441121	Student	GOVERNMENT ENGINEERING COLLEGE HASSAN
20	subhannanvl@gmail.com	Subhan N A	6123423501	Student	Sir MVI Institute of technology Bangalore
21	bhuvana9717@gmail.com	Bhuvaneshwari S Gasti	7348823407	Student	Government Engineering College Hassan
22	varshagowdanarayan2020@gmail.com	VARSHA CN	9845424759	Student	Government engineering college Hassan
23	harmainhafsa47@gmail.com	Hafsa Harmain	9482330566	Student	Government engineering College Hassan
24	brundajkr@gmail.com	Brunda J	8197415244	Student	Government engineering College Hassan
25	sandeepv4382@gmail.com	SANDEEP P V	9380704382	Student	GOVERNMENT ENGINEERING COLLEGE, HASSAN
26	vandu2799@gmail.com	Vandana. K. Kumar	8971987542	Student	Government engineering college Hassan
27	zahidibnzahoor@gmail.com	Zahid Zahoor	7006178560	Student	Sir M Visveswaraya Institute of Technology
28	kirangowdag10@gmail.com	Kiran Gowda G	6366307394	Student	Sir M Visveswaraya Institute of Technology
29	anjumganju786@gmail.com	ANJUM G	8881967524	Student	Government engineering College Hassan
30	mohansulbele1998@gmail.com	Mohan s v	9036696657	Student	Student
31	poogowda2001@gmail.com	Pooja BS	9741918874	Student	Government engineering college hassan
32	krihemanthkr@gmail.com	Hemanth kumar K R	9591927908	Student	Government engineering college Hassan.
33	nishuprathuhk@gmail.com	Prathibha H. K	8747044691	Student	Government engineering College Hassan
34	tashurajra@gmail.com	THASHWINI B N	9535862137	Student	GECH
35	bhanusrim17@gmail.com	BHANUSRI H	6362675399	Student	SDP
36	shobhithaas18@gmail.com	Shobhitha A S	8296279297	Student	Govt engineering college Hassan

37	rathanraj2001@gmail.com	Rathan D	7996515477	Student	BE in civil engineering
38	anushahm2001@gmail.com	Anusha H M	9686915724	Student	Government engineering college Hassan
39	Pranavsainik@gmail.com	Pranav A	7994344351	Student	SIRMVIT
40	saptakguhaneogi@gmail.com	Saptak Guha Neogi	7980494744	Student	Calcutta Institute of engineering and management
41	arpithakhaswi@gmail.com	Arpitha HK	9731592125	Faculty	Government Engineering College, Hassan
42	neha16hvmr@gmail.com	Neha H	7259120725	Student	GECH
43	hkumar.hiremath@gmail.com	Shivakumar S	8861259601	Faculty	Sir MVIT, Bangalore
44	janarchanakumaraswamy@gmail.com	Janardhana K	9886213568	Faculty	Sir MVIT
45	haries.wtowell@gmail.com	Haries Salim	0096894271547	Student	Towell Engineering group
46	hskiran93@gmail.com	HS	8970886568	Research Scholar	CBRE South Asia Pvt Ltd
47	vishwasraj12@gmail.com	Vishwas R	6361975422	Research Scholar	Indian Institute of Science
48	deepikar072@gmail.com	Deepika. R	9739803229	Student	Sir MVIT
49	bhavya_civil@sirmvit.edu	Bhavya S	9900136198	Faculty	Sir MVIT
50	ashwinia2504@gmail.com	Ashwini A	8494929096	Student	Sir M Visvesvaraya Institute of Technology
51	pradeepasai1980@gmail.com	PRADEEPA.S	9886610709	Faculty	SIRMVIT
52	lalithahangaragi05@gmail.com	Lalitha Hangaragi	7619131624	Student	Sir MVIT
53	ayushbharti7@gmail.com	Ayush bharti	7892737515	Student	Sir mvit
54	lalikamala@gmail.com	Kamala	8884893575	Student	Sir MVIT
55	latha_mca@sirmvit.edu	R.latha	8050930510	Faculty	SMVIT
56	akankshasuma2000@gmail.com	Akanksha	9972830522	Student	Sir M Visvesvaraya Institute of Technology
57	mk896879@gmail.com	Mahesh kumar	9148741915	Student	Srmit
58	chandansd147@gmail.com	Chandan E M	8861409590	Student	Sir M Visvesvaraya Institute of Technology
59	knachappa39@gmail.com	Nachappa A.K.	7829875207	Student	Sir MVIT
60	suresh.b@reva.edu.in	Suresh B	9845065270	Faculty	REVA University
61	avi110rkngr@gmail.com	Abhishek kumar	7857962759	Student	Sir mvit
62	pushkarakash2@gmail.com	Akash Pushkar	9471252584	Student	CIVIL ENGINEERING
63	druvakumar552@gmail.com	Druva Kumar B S	7090004606	Student	MVIT
64	chithrayadav2001@gmail.com	CHITHRA YADAV N	9110690135	Student	Sir MVIT
65	pallavihulageri@gmail.com	PALLAVI C HULAGERI	9686220208	Student	BMSCE
66	rajalexmiibhandiwaddar@gmail.com	Rajalexmi Bhandiwaddar	9449681504	Student	BMS College of Engineering
67	deekshitha368@gmail.com	Deekshitha R	6361359615	Student	Sir mvit
68	shettyprashantha29@gmail.com	PRASHANTHA	8722097810	Faculty	Moodlakatte institute of technology kundapur
69	meghamanasa071@gmail.com	Manasa I S	7337686337	Student	Government engineering college,Hassan
70	chethanb1609@gmail.com	CHEETHAN B	8296855240	Student	SIR MVIT

PICTURE GALLERY







SIR M VISVESVARAYA INSTITUTE OF TECHNOLOGY,
BANGALORE - 562157

DEPARTMENT OF CIVIL ENGINEERING

Certificate of Participation

This is to Certify that Mr./Ms. {{FULL NAME}}

has participated in the Student Development Program on "Modern

Surveying", delivered by Mrs. Veera Biradar, Managing Director, M/s
Transheight Consultants Pvt. Ltd. Bangalore.

Organized by Department of Civil Engineering, on 8th December, 2020.

This is an electronically generated certificate and does not require any signature.

Feedback - SDP on _Modern Surveying_ (Responses)

Si. No.	Email Address	Name	Contact Numer	Organization	Designation	How satisfied were you with the event?	How satisfied were you with the session content?	Did the program help you gain Engineering knowledge?	The program addressed usage of modern tools in Civil engineering.	What were the key takeaways from the Programme?
1	sirmvitselvi@gmail.com	N Tamil Selvi	9632800588	Sir	GU	4	4	Yes	Yes	Good
2	anithajayan@gmail.com	Anitha J	9742926612	Visvesvaraya Institute of	Assistant Professor	5	5	Yes	Yes	modern surveying
3	suresh.b@reva.edu.in	Suresh B	9845065270	REVA University	Assistant Professor	5	5	Yes	Yes	Good
4	sharshini930@gmail.com	Harshini S	9591109759	Sir MVIT	Student	4	4	Yes	Yes	importance of surveying
5	c9656426117@gmail.com	Chethan kumar D N	9686426117	Visvesvarayah Institute of	Student	4	4	Yes	Yes	Important of surveying
6	pallavihulageri@gmail.com	PALLAVI C HULAGERI	9686220208	BMSCE	STUDENT	4	4	Yes	Yes	GOOD LEARNING
7	pradeepasai1980@gmail.com	PRADEEPA.S	9686610709	SIR MVIT	ASSISTANT PROFESSOR	5	5	Yes	Yes	SURVEY KNOWLEDGE
8	saptakguhanegi@gmail.com	Saptak Guha Neogi	7980494744	Institute of engineering	Student	5	5	Yes	Yes	Outstanding
9	bhavya_civil@sirmvit.edu	Bhavya S	9900136198	SIR MVIT	Assistant Professor	5	5	Yes	Yes	drone survey
10	vyshnavisirmvit@gmail.com	Vyshnavi D R	7204679593	Sir MVIT	Assistant Professor	3	4	Yes	Yes	modern surveying
11	druvakumar552@gmail.com	Druva Kumar B S	7090004605	SIR MVIT	Student	5	5	Yes	Yes	modern skills of surveying
12	kavyadalawais@gmail.com	Kavya y dalawai	7259080973	MVIT BANGALORE	Student	5	4	Yes	Yes	and it's importance in
13	harshithasraj29@gmail.com	Harshitha S	6361805646	engineering College Hassan	Harshitha S	5	5	Yes	Yes	equipment in survey
14	mchinmayavikas@gmail.com	CHINMAYA VIKAS	9440140041	Visvesvaraya Institute of	Student	5	5	Yes	Yes	modern surveying
15	rayan2020@gmail.com	VARSHA CN	9845424759	engineering college	Student	5	5	Yes	Yes	surveys
16	2000@gmail.com	Akanksha	9972830522	Visvesvaraya Institute of	Student	5	5	Yes	Yes	Informative

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Feedback - SDP on _Modern Surveying_ (Responses)

17	waddar@gmail.com	Rajalaxmi Bhandiwaddar	9449681504	BMS College of Engineering	Student	5	5	Yes	Yes	techniques and how they are
18	rathanraj2001@gmail.com	Rathan D CHITHRA	7996515477	BE in civil engineering	Student	5	5	Yes	Yes	Nothing
19	chithrayadav2001@gmail.com	CHITHRA YADAV N	9110690135	Sir MVIT	Devanahalli town	4	4	Yes	Yes	Knowledge about surveying
20	anda@gmail.com	Shravana Y	8431542230	Sir. Mvit	Student	3	4	Yes	Yes	Nothing
21	supriyav14062000@gmail.com	SUPRIYA V	9845565816	Visvesvaraya Institute of	Student	3	4	Yes	Yes	information about types of
22	sanjaycsr2000@gmail.com	Sanjay C	9481942091	Sir mvit	Student	5	5	Yes	Yes	
23	prajwalkb55@gmail.com	PRAJWAL K B	9380441121	ENGINEERING T	STUDENT	5	5	Yes	Yes	modern surveying is
24	harshcrazy3027@gmail.com	Harsh Raj	9579199282	Sir Mvit	Student	5	5	Yes	Yes	information about surveying
25	stanula738@gmail.com	Tanuja S	8217649490	Sir MVIt.	Student	4	4	Yes	Yes	survey and its applications
26	arun2kumar2000@gmail.com	ARUN KUMAR K R	6362537410	Sir mvit	Student	4	4	Yes	Yes	Inspiration
27	lalithahangaragi05@gmail.com	Lalita Hangaragi	7619131624	Sir MVIT	Student	4	5	Yes	Yes	types and equipments
28	deekshitha368@gmail.com	Deekshitha R	6361359615	Sir mvit	Student	5	5	Yes	Yes	Modern surveying
29	pranavsainik@gmail.com	Pranav A	7994344351	SIRMVIT	STUDENT	5	5	Yes	Yes	Admiration and knowledge
30	subhannaniv@gmail.com	Subhan N A	8123423501	institute of technology	Student	4	4	Yes	Yes	Surveying"
31	gnshravani29396@gmail.com	Shravani g n	7019673437	Sir.mvit	Student	4	4	Yes	Yes	Types of survey Lidar
32	kirangowdag10@gmail.com	Kiran Gowda G	6366307394	Sirmvit	Student	5	5	Yes	Yes	Basic surveying
33	ashwinia2504@gmail.com	Ashwini A	8494929096	Visvesvaraya Institute of	Student	5	5	Yes	Yes	About modern surveying
34	vpgowda108@gmail.com	Vijay P	8660214064	Visvesvaraya Institute of	Student	5	5	Yes	Yes	surveying and equipments
35	krhemanthkr@gmail.com	Hemanth kumar K R	9591927908	engineering college	Student	4	5	Yes	Yes	instruments, geographical

121

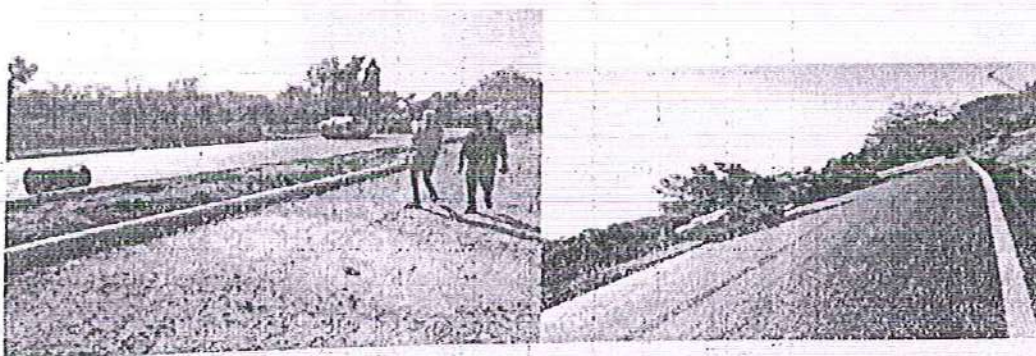
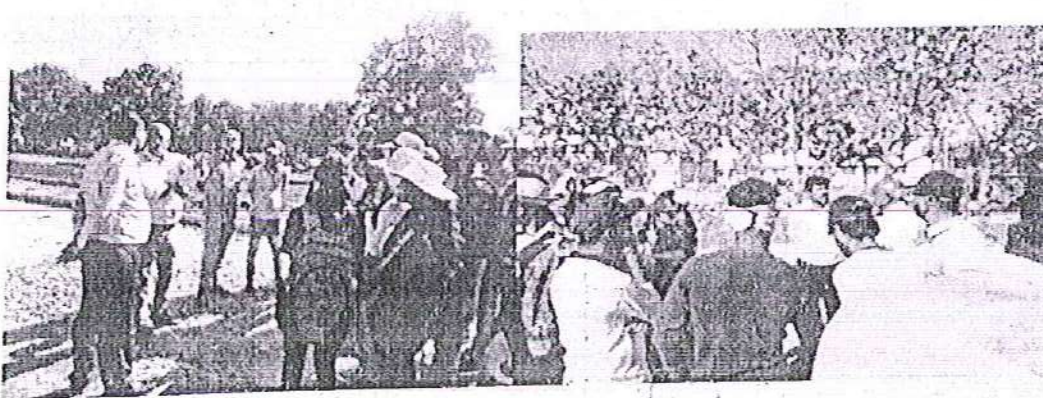
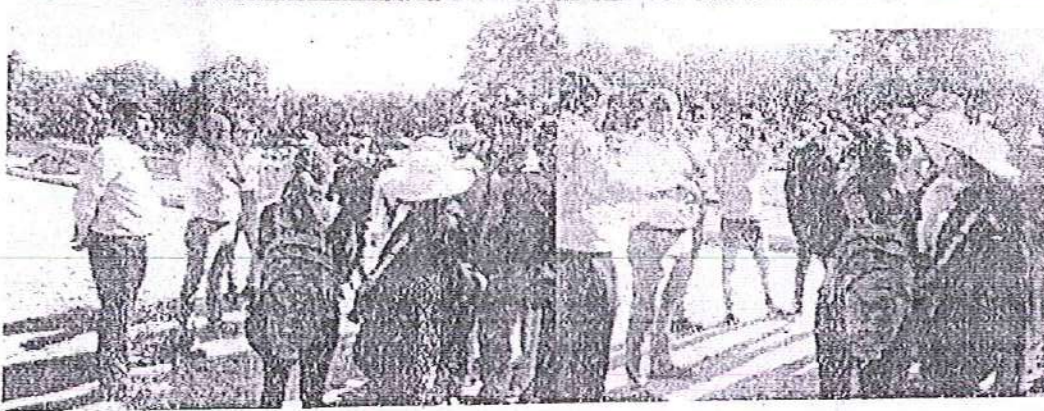
Feedback - SDP on _Modern Surveying_ (Responses)

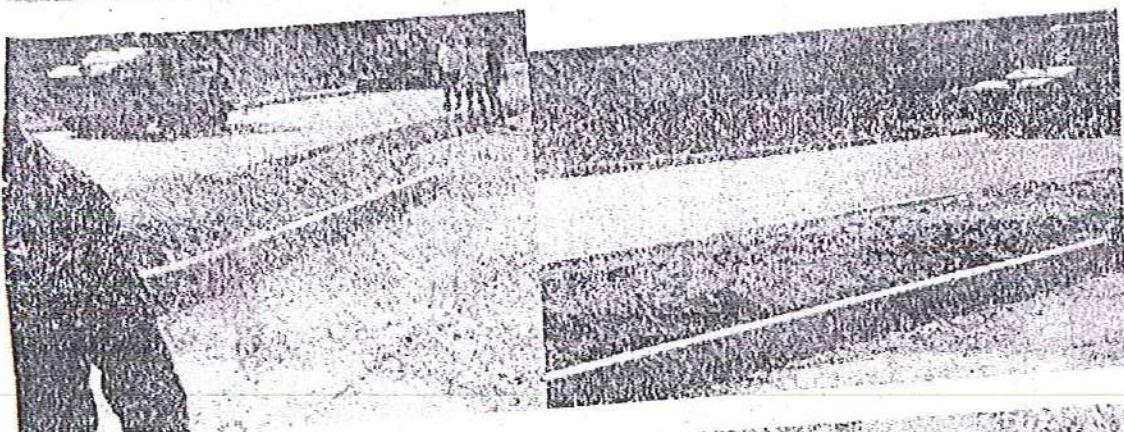
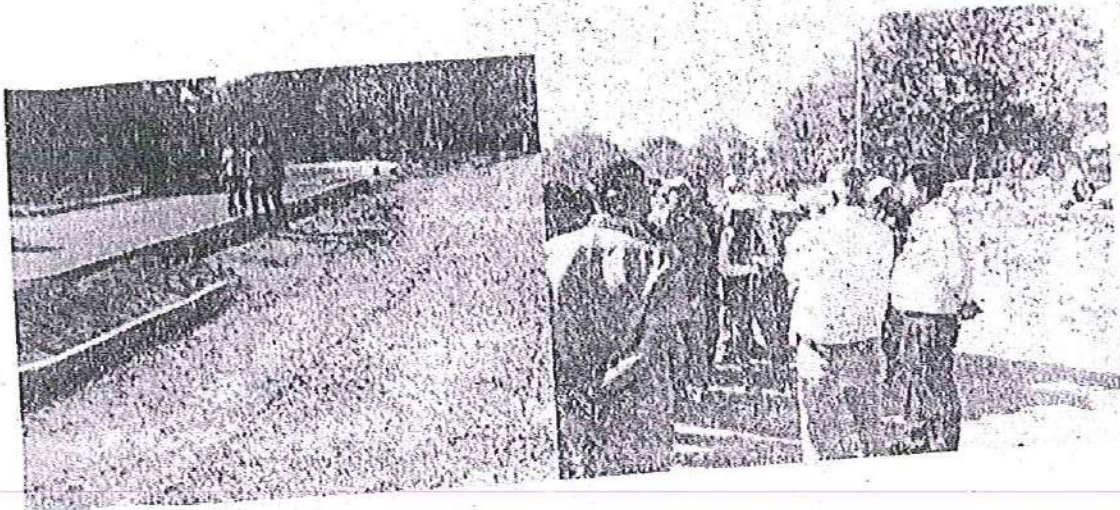
36	sreenatham20@gmail.com	Sreenatha M	9986736246	REVA University	Assistant Professor	4	4	Yes	Yes	Yes	Yes
37	dr.ravikumath17@gmail.com	Dr. Ravi Kumar. H	9448820154	Visvesvaraya Institute of	Associate Professor	5	5	Yes	Yes	Yes	Surveying technology
38	ramyaroyal.anu91@gmail.com	RAMYA N	8951021891	SIR MVIT	Assistant professor	4	4	Yes	Yes	Yes	session about the modern
39	chethanb1609@gmail.com	CHEETHAN B	8296855240	SIR MVIT	Student	3	4	Yes	Yes	Yes	knowledge about modern
40	zahidibnzahoor@gmail.com	Zahid Zahoor	7006178560	Sir MVIT	Student	5	5	Yes	Yes	Yes	x
41	pushkarakash2@gmail.com	Akash Pushkar	9471252584	Civil engineering	B.E	5	5	Yes	Yes	Yes	Surveying
42	araswamy@gmail.com	Janardhana K	9886213568	Sir MVIT	Associate Professor	3	3	Yes	Yes	Yes	Planning
43	akashr@gmail.com	Akash S	9082306707	Sir MVIT	Student	5	4	Yes	Yes	Yes	Basics
44	adityaka1999@gmail.com	Adithya K A	9686837123	Sir mvit	Student	5	5	Yes	Yes	Yes	Basics
45	deepreddy@gmail.com	Periyavaram sandeep reddy	9010891224	Sir mvit	Civil	5	4	Yes	Yes	Yes	Knowledge
46	bujarathimanisha@gmail.com	M Manisha	9900289583	Visvesvaraya institute of	Student	4	4	Yes	Yes	Yes	Surveying
47	raghavragha71@gmail.com	Raghavendra S	8073892995	Sir mvit	Alumni	4	4	Yes	Yes	Yes	modern surveying

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SITE VISIT OF SIXTH SEMESTER (Civil) Students

Sixth semester (Civil) students were taken to the new highway which was under construction at Sir MVIT Campus on 22nd January 2020.

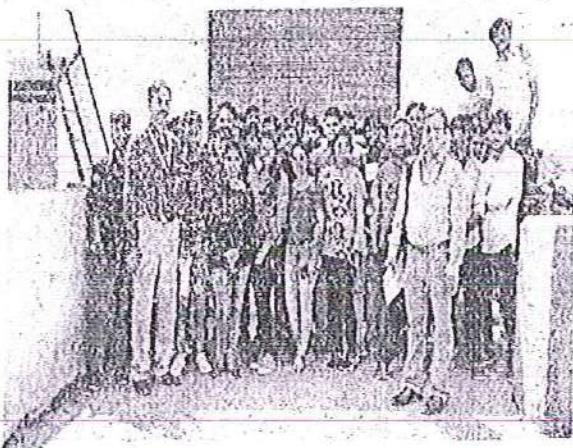




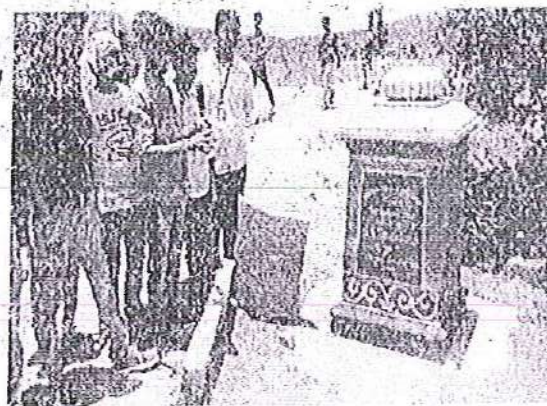
Department of Civil Engineering
Sir MVIT, Bangalore

Report on
Visit to Srinivasa Sagar Dam (Jakkalamadugu) and
Water Treatment Plant near Chikkaballapur by VI
Semester B.E. Civil Engineering Students on 29th
February 2020.

On 29th February Fifty five students of VI semester B.E Civil Engineering visited Srinivasa Sagar Dam and Water Treatment Plant near Chikkaballapur along with two faculty members Dr. Shivanna, S. and Dr H Ravi Kumar.



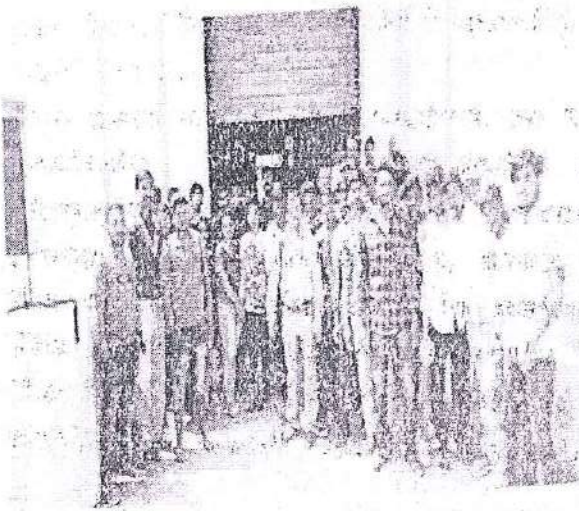
in 1955 to control the silt for the downstream tanks when M. Visvesvaraya was Chief Engineer of Mysore State.



Later due to the increase of

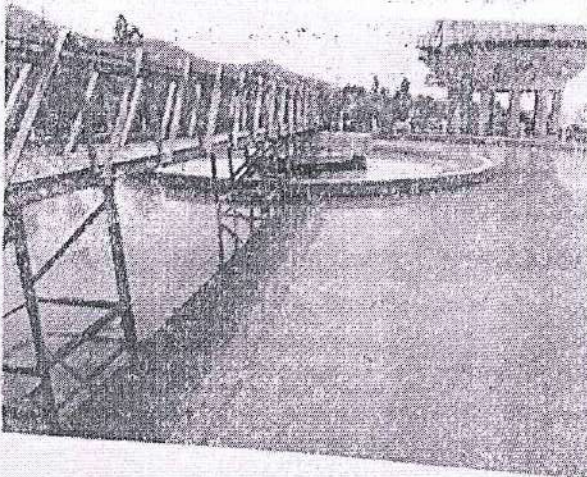
The team of students and staff reached the dam site around 11.30 am. At the dam site Sri Ramachandra, Assistant Engineer, Chikkaballapur City Municipal Corporation and in-charge for the pumping station welcomed our team. First he gave a general view of the reservoir and told us that it was constructed across North Pennar river (tributary to Krishna River)

domestic water supply demand for the Chikkaballapur and Doddaballapur towns this silt control structure was converted into water storage structure.



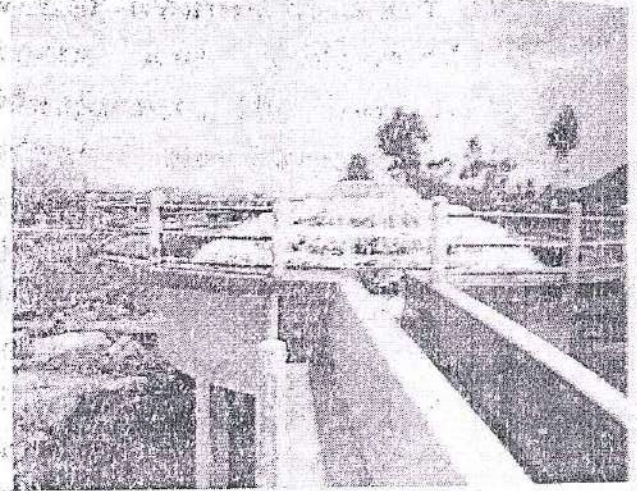
At present it is supplying water to Doddaballapur and Chikkaballapur towns. The Chikkaballapur pumping station pumps eight hours per day and drawing fifty lakh litres per day. Whereas, Doddaballapur pumping station pumps four hours per day and drawing twenty five lakh litres per day. The Reservoir capacity is 4320 MLD.

The dam was constructed on the gneissic rocks intruded by plutonic rock granite at several places. The surrounding area of the dam is undulatory in nature. The bund is existing exactly on the Dolerite dyke rock which is non-porous and non permeable.



Shri. Ramachandra told us that initially the bund was designed in a straight line, but later it has been designed as Arch Dam to distribute the water pressure uniformly.

The depth of the reservoir is twenty four metres. At present the water storage is up to fourteen metres. The Area of reservoir is six square kilometres.



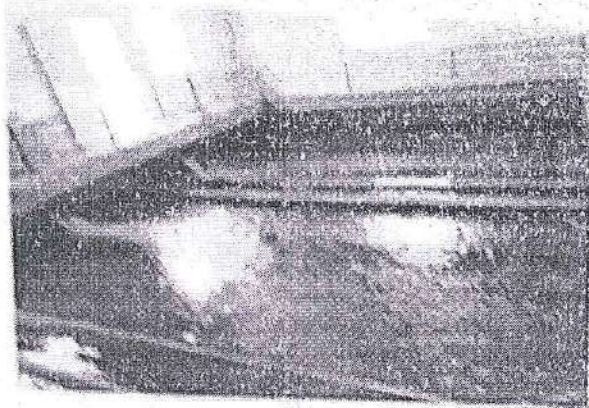
Sri Ramachandra also explained us about the mechanism of pumping and supplying the raw water to the treatment plant. Students interacted with the engineer and clarified their doubts.

Later the team moved to the water treatment plant where our team was welcomed by Mr. Manjunath, the in-charge of the plant. He explained us briefly about all the units involved in the treatment of water.

Later Dr Shivanna explained in detail about the Aeration unit, Flash mixing unit, Sedimentation process, Rapid sand filtration process and Chlorination and also

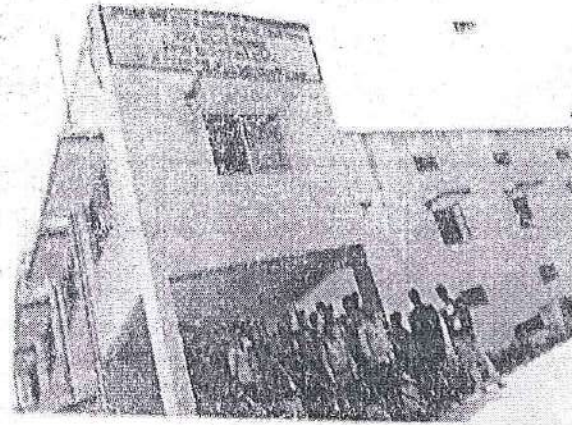
their significance and importance of water treatment.

Further, the treated water is supplied to the Chikkaballapur town through gravity flow.



Students asked several questions and clarified all their

doubts. Lastly we thanked Sri Srinivasa Reddy Executive Engineer, Karnataka State Urban Water Supply and Sewage Board,



Chikkaballapur division for all the arrangements and help to our visit.

Dr Shivanna S.

W. A. K. V.

Dr N Ravi Kumar

REPORT

YOGA – A NATURAL IMMUNITY BOOSTER AGAINST COVID-19

ORGANIZED BY
DEPARTMENT OF CIVIL ENGINEERING
SIR M VISVESVARAYA INSTITUTE OF TECHNOLOGY, BANGALORE

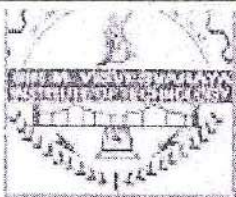
ON
21ST JUNE, 2021

H P MAHENDRA BABU, HOD CIVIL
K V R PRASAD, Associate Professor
Dr. SHIVANNA S, Associate Professor
ANITHA J, Assistant professor

WEBINAR
ON
**YOGA – A NATURAL IMMUNITY BOOSTER AGAINST
COVID-19**

ORGANIZED BY
DEPARTMENT OF CIVIL ENGINEERING
SIR M VISVESVARAYA INSTITUTE OF TECHNOLOGY,
BANGALORE

ON
21ST JUNE, 2021
KEY SPEAKER – Dr. RAVI KUMAR H
ASSOCIATE PROFESSOR
DEPARTMENT OF CIVIL ENGINEERING
SIR MVIT, BANGALORE



AFFILIATED TO VTU, BELAGAVI | APPROVED BY AICTE, NEW DELHI |
GOVT. OF KARNATAKA | ACCREDITED BY NARC, UGC

DEPARTMENT OF CIVIL ENGINEERING

Presents



YOGA

NATURAL IMMUNITY BOOSTER
against
COVID-19



Elevate your state of mind

Strengthen your body



Key Speaker

Dr. Ravi Kumar H

Associate Professor

Dept. of Civil

ON INTERNATIONAL DAY OF YOGA

21 JUNE 2021

10:00 TO 11:00 AM

REGISTRATION LINK:

<https://forms.gle/scTMmoL3m6wC2h2a7>

MEETING ID:

meet.google.com/ujr-aeHQ-hdx

CONVENOR

Mr. H P Mahendra Babu

Prof. & Head.

Dr. V R Manjunath

PRINCIPAL

CO-ORDINATOR(S)

Mr. K V R Prasad

Dr. Shivanna S

REPORT

ON

YOGA – A NATURAL IMMUNITY BOOSTER AGAINST COVID-19

The webinar was organized by the Department of Civil Engineering, Sir MVIT, on 21st June, 2021.

The webinar which had registrations of 121 People which was led by Dr. Ravi Kumar. H, Staff of Civil Engineering Department, He explained the Yoga is Journey to self, he told that yoga would enable a person to improve his/her mental as well as physical health, which are equally important to fight this pandemic. "It is very important to be immune to the Covid-19 Pandemic and yoga will help to achieve it and we must make practicing yoga a part of daily routine

Dr. Ravi Kumar.H conducted common protocol and also performed a lot of exercises & asanas through virtual mode. It started with Yoga Starting Prayer, Calana Kriyas/Loosening Practice (Warm up exercise), Surya namaskar – 12 steps (Yogic Exercises), Supine Posture Asanas, Prone asanas-and later followed by Pranayama- Padma Parvatasana, Bhastrika Pranayama, Kapalabathi and Nadi shodhana (Breathing Exercises),Sitali Pranayama, Bhramari Pranayama, Laughing Yoga Session, and many more which were well appreciated by all the participants

Before the closing prayer sankalpa was read by all participants it reads "I commit myself to remain in a balanced state of mind all the time. It is in this state that my development reaches its greatest possibility. I commit to do my duty to self, family, at work, to society, and to the world, for the promotion of peace, health and harmony" and ended with closing prayer.

Registration - Yoga

Sl. No.	Name	Position	Email ID	Phone Number	Institute
1	Dr. Ravi Kumar.H	Faculty	dr.ravikumarh17@gmail.com	9448820154	Sir M. Visvesvaraya Institute of Technology
2	Nishant Goyal	Student	ngls23ruan@gmail.com	8529791042	Sir MVI
3	Akash S	Student	akashrcr@gmail.com	9082306707	Sir MVI
4	SUPRIYA V	Student	supriyav14062000@gmail.com	9845565816	Sir M Visvesvaraya Institute of technology
5	Tanuja S	Student	stanuja738@gmail.com	8217649490	Sir MVIT
6	Smitha N	Student	Smithagowda2608@gmail.com	7619609461	Sir M Visvesvaraya Institute of technology
7	Rithushree	Student	rithugowda723@gmail.com	9591350544	Sir M Visvesvaraya Institute of technology
8	PANKAJ KUMAR SINGH	Student	pankejkmr198.pk4@gmail.com	8825150846	Sir M visvesvaraya Institute of technology
9	NIKHILENDRA.N	Student	nnikhil097@gmail.com	9686370895	Sir M Visvesvaraya Institute of Technology
10	Shivanna S	Faculty	sshivanna65@gmail.com	8762042262	SIR MVIT
11	Shivaraj sagumale	Student	shivarajisagumale1996@gmail.com	6363058365	Sir M Visvesvaraya Institute of technology Bangalore
12	Navya R	Student	navyar84@gmail.com	7809007193	Sir M Visvesvaraya Institute of technology
13	Periyavaram Sandeep reddy	Student	periyavaramsandeepreddy@gmail.com	9010891224	Sir mvit
14	K v r prasad	Faculty	prasad_cvl@sirmvit.edu	09443225772	Sir mvit
15	Bharath D	Student	bharathd1225@gmail.com	8971554253	Srmvit
16	AADIL AHMAD AHANGER	Student	ahangeraadil639@gmail.com	9622697479	Sir M. Visvesvaraya Institute of Technology Bangalore
17	K Mohammed Adnan	Student	kmohammedadnan2@gmail.com	8660076156	SMVIT
18	Subhan N A	Student	subhannanvl@gmail.com	8123423501	Sir M Visvesvaraya Institute of technology Bangalore
19	Chandana M R	Student	chandanamr63@gmail.com	9663931939	Sir M Visvesvaraya Institute of technology
20	Cheluvaraju H	Student	cheluva143v@gmail.com	+919008331887	Sir MVIT
21	H.M.Deepak	Student	h.m.deepak7@gmail.com	9353266084	Sir M Visvesvaraya Institute of Technology
22	Sindhu M	Student	sindhum256@gmail.com	9663769690	Sir M Visvesvaraya Institute of technology
23	Darshan s Banakar	Student	darshansbanakar9686@gmail.com	7353115787	Sir M Visvesvaraya Institute of technology
24	Bhavya S	Faculty	bhavya_civil@sirmvit.edu	9900136198	Sir MVIT
25	Sudhakar M	Student	sudhakarmethre1918@gmail.com	7692614762	Sir MVIT
26	Akash Pushkar	Student	pushkarakash2@gmail.com	+919471252584	Sir MVIT Bangalore
27	Sharath J P	Student	sharathjp06@gmail.com	+917259622700	SMVIT
28	Ashish	Student	ashishjain202027@gmail.com	09481775454	Karnataka State Remote Sensing Application Center
29	Shekhar Rajput	Student	shekhar1999rajput@gmail.com	9880059561	SIR MVIT
30	Vijay P	Student	vpgowda108@gmail.com	8660214064	Sir M. Visvesvaraya Institute of technology, Bengaluru

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Registration - Yoga

31	Abhishek kumar	Student	avi110rkng@gmail.com	07857962759	Srmvit
32	Nandan HJ	Student	nandanhj2@gmail.com	8618387415	Sir MVIT
33	Zahid Zahoor	Student	zahidibnzahoor@gmail.com	7006178560	Sir M Visveswaraya Institute of Technology
34	Kamala	Student	lalikamala@gmail.com	8884883575	Sir M Visveswaraya Institute of Technology
35	Ritesh Sharma	Student	shivamsharma8299@gmail.com	9886105414	SIR MVIT
36	Vathsala N	Student	vathsalapavanspethy@gmail.com	9731952647	Sir MVIT
37	ASHA A B	Student	ashaab77091@gmail.com	8618583492	Sir M Visveswaraya Institute of Technology
38	Navya R	Student	navyar84@gmail.com	7899007193	Sir M Visveswaraya Institute of Technology
39	N TAMIL SELVI	Faculty	sirmvitselvi@gmail.com	+919632800588	SIRMVIT
40	Subhadra Gowda GD	Faculty	subhadragd22@gmail.com	09740545256	Sir MVIT
41	Vidyashree J C	Faculty	vidya.jca@gmail.com	09164980337	Sir mvit banglore
42	VYSHNAVI D R	Faculty	Vyshnavi_civil@sirmvit.edu	7204679593	Sir M Visveswaraya Institute of Technology
43	Vishwajeeth Robin Kalathil	Student	vishwajeethkalathil@gmail.com	7259653537	Sir M V I T
44	Yashwanth K S	Student	yashwanth.ks.me@gmail.com	09606229200	Sir MVIT
45	Chethan kumar D N	Student	c9686426117@gmail.com	968642617	Sir M Visveswaraya Institute of Technology
46	Kumar Ankith	Student	43kumarankith@gmail.com	09113186546	Sir M Visveswaraya Institute of Technology
47	mukarram ahmad	Student	mukarram.ahmed2002@gmail.com	+919557483062	Sir M Visveswaraya Institute of Technology
48	TIRUMALA	Student	tirumal.s.gudur@gmail.com	8296723712	Sir MVIT BENGALORE
49	Chandan E M	Student	chandanhsd147@gmail.com	8861409590	Sir MVIT
50	Mahesh kumar	Student	mrk896879@gmail.com	9148741915	SMVIT
51	OM SHANKAR	Student	omshankar9798@gmail.com	7050454259	Sir mvit
52	MANIKANTHA K	Student	mmani25981@gmail.com	9353758979	SIR M VISVESWARAYA INSTITUTE OF TECHNOLOGY
53	Deepika.R	Student	deepika072@gmail.com	9739803229	Sir MVIT
54	Kavya y dalawai	Student	kavyadalawaiias@gmail.com	7259080973	SIR MVIT COLLEGE BANGALORE
55	Ashok B	Student	Ashok1953575@gmail.com	9535121913	SMVIT
56	ARUN KUMAR K R	Student	arun2kumar2000@gmail.com	6362537410	Sir m Visveswaraya Institute of Technology
57	KESHAV G YADAV	Student	keshavyedav5204@gmail.com	6361005689	SIR MVIT
58	Kiran Gowda G	Student	Kirangowdag10@gmail.com	6366307394	Sir M Visveswaraya Institute
59	Shamitha	Student	shamitha2807@gmail.com	8792889808	Sir MVIT
60	Vandana hv	Student	vandanaahv2@gmail.com	7996491503	SIR MVIT
61	Ayush bharthi	Student	ayushbharti7@gmail.com	7892737515	Sir mvit

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62	Harsh Raj	Student	harshcrazy3027@gmail.com	9579199282	Sir Mvit
63	RAMASWAMY S IYER	Student	shravanier1993@gmail.com	9632290979	Sir M Visvesvaraya Institute of Technology
64	SHIVA KUMAR S L	Student	shivakumargowda088@gmail.com	9066409963	Sir mvit
65	Puneeth Gowda N	Student	puneethgowdan4@gmail.com	8861382110	Sir MVIT
66	Nachappa A.K.	Student	knachappa39@gmail.com	07829875207	Sir MVIT
67	K Dharma Tej	Student	dharmatej2000@gmail.com	+917093217740	Sir mvit
68	Rithik	Student	rithikm2909@gmail.com	7892026166	Sir MVIT
69	Anitha J	Faculty	anithajayan@gmail.com	9742926612	Sir MVIT
70	Naveen	Student	1999.naveenpd@gmail.com	7899687092	Sir M Visvesvaraya institute of technology
71	Daiveek Prasad	Student	daiveekprasad15@gmail.com	9008452419	Sir MVIT
72	Ravi Kumar GM	Student	kingravi904@gmail.com	8971707971	Sir M.Visvesvaraya institute of Technology
73	DRUVA KUMAR B S	Student	Druvakumar552@gmail.com	7090004605	Sir MVIT
74	Tejasgowda TM	Student	tejasgowda.t.m@gmail.com	9164621641	Sir MVIT
75	M MANISHA	Student	hujarathimanisha@gmail.com	9900289583	Sir M Visvesvaraya institute of Technology
76	Sanjay C	Student	sanjaycsr2000@gmail.com	+919481942091	MVIT
77	CHEETHAN B	Student	chethanb1609@gmail.com	8296855240	SIRMVIT
78	Anwar Haris M	Student	manwarharis@gmail.com	96062241805	Sir M Visvesvaraya Institute of Technology
79	Shubham Shinde	Student	shubh.shinde2014@gmail.com	9148704954	Sir M. Visvesvaraya institute of technology Bangalore
80	PAVAN KUMAR A	Student	pavankumar1997517@gmail.com	9972419706	Sir M Visvesvaraya institute of technology
81	Ashwin Ramagond Doddi	Student	doddishwin@gmail.com	9844605427	Sir MVIT
82	BALAJI C V	Student	balajicivilengg1234@gmail.com	7259188950	SIR M VISVESVARAYA INSTITUTE OF TECHNOLOGY
83	M B Zainraj	Student	zainrajm@gmail.com	9900669005	Sir Mvit college
84	K N Chinaka Darshan	Student	darshanchinaka87@gmail.com	7760725244	Sir M Visvesvaraya institute of technology
85	Ashwini A	Student	ashwinia2504@gmail.com	8494929096	Sir M Visvesvaraya institute of technology
86	Gowni Gari Rakesh	Student	rakeshsani1999@gmail.com	+919100602973	Sir M Visvesvaraya Institute of technology
87	Sangam yadav	Student	sangamgkp49@gmail.com	6388141142	Sir M visvesaraya institute of technology
88	Rishav parimal	Student	rishavparimal54221@gmail.com	8210400663	Sir MVIT
89	Girish Kumar A	Student	girishkumargir4@gmail.com	9738642346	Sir mvit
90	Akash m.jadhav	Student	akashjadhav6993@gmail.com	8431225147	Smvit Bangalore
91	Sai Ganesh C y	Student	saiamara536@gmail.com	9980041279	Sir MVIT
92	Manoj P	Student	manoj.raina43@gmail.com	9113516554	Sir M Visvesvaraya Institute of technology

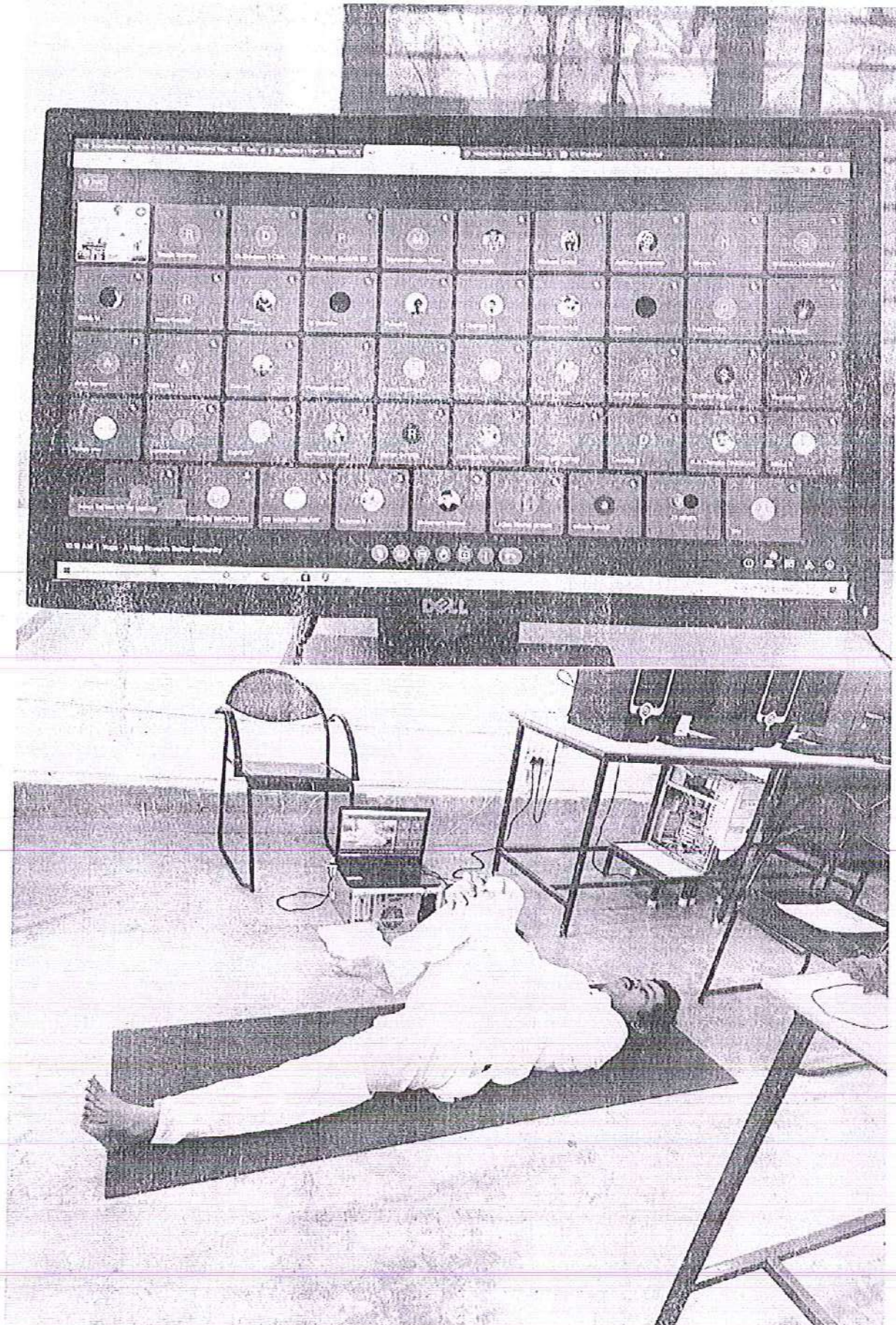
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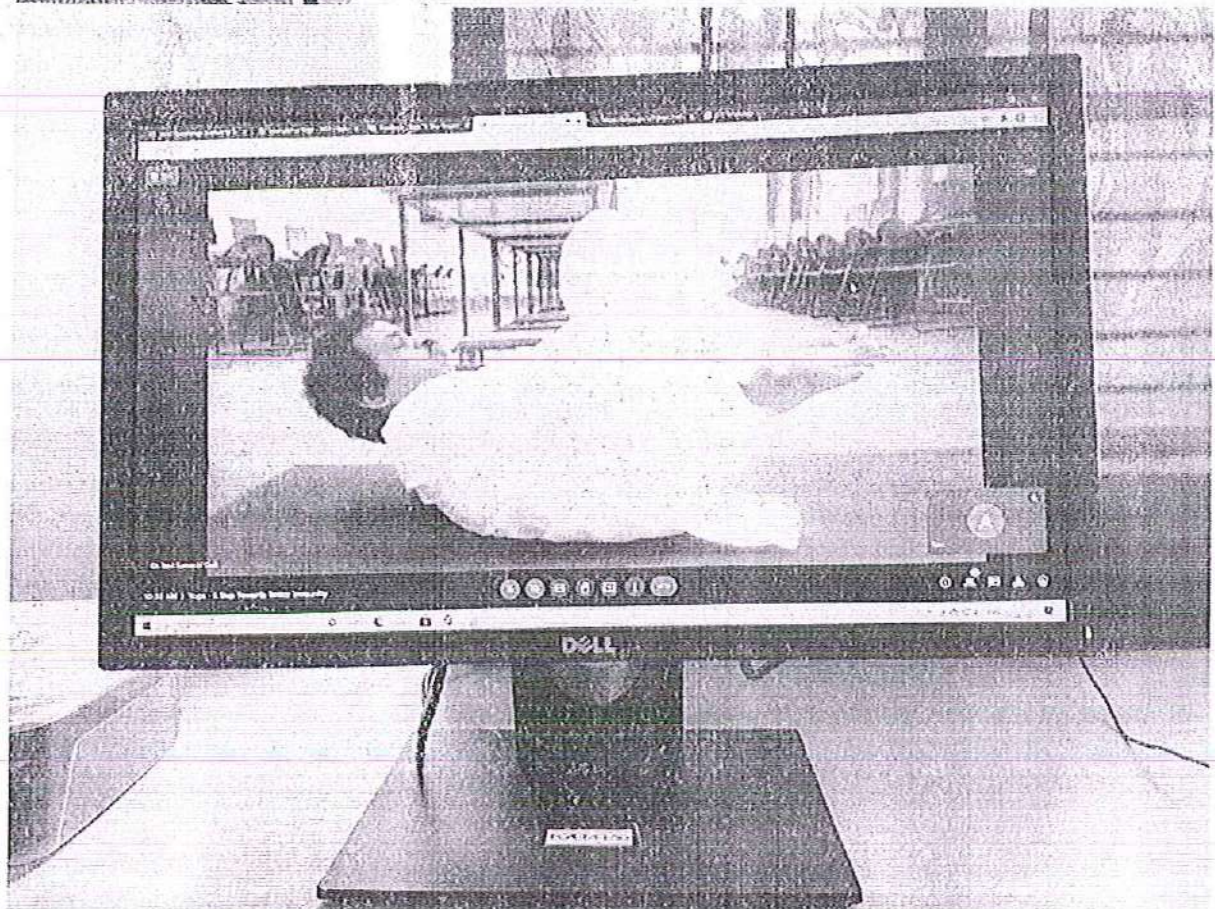
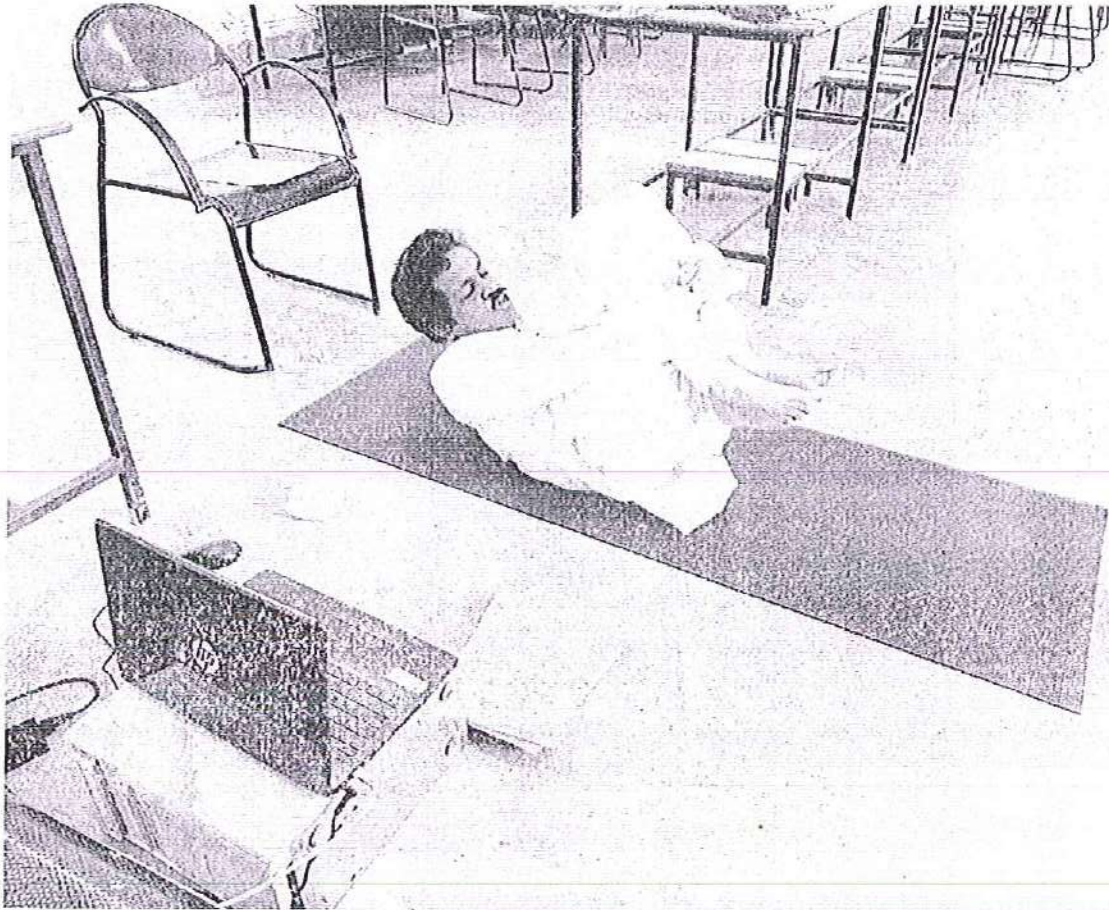
Registration - Yoga

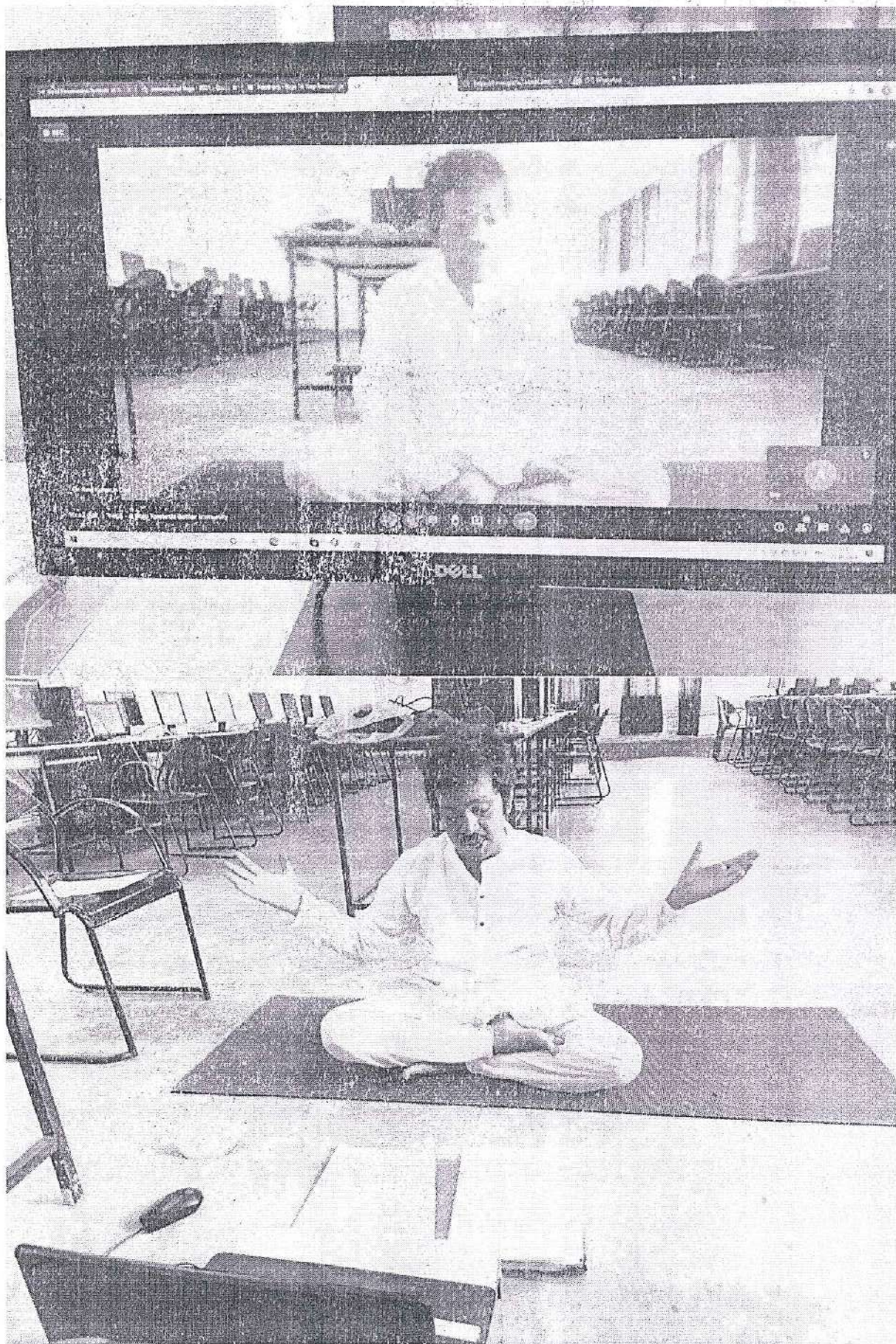
93	HARSHINI S	Student	sharshini930@gmail.com	9591109759	SIR MVIT COLLEGE
94	Sudeep g	Student	Sudeepsud8152@gmail.com	9535121629	Sir MVIT
95	P sheshear	Student	Sheshear007@gmail.com	9886867789	Sir Mvit
96	JNANESHWAR	Student	jnaneshwarv17@gmail.com	7349638402	SIRMVIT
97	PRANAVA	Student	Pranavsainik@gmail.com	7994344351	Sir M visvesaraya Institute of technology. Yelahanka
98	Chithra Yadav N	Student	chithrayadav2001@gmail.com	9110690135	MVIT
99	Anirudd H H	Student	anirudd19@gmail.com	09108917892	Smvit
100	M D J Siddhartha	Student	siddharthamahamkali04072000@gmail.com	8897220310	Sir MVIT
101	Prasanna Bhusal	Student	Prasannabhusal1@gmail.com	8317489758	Sir Mvit
102	PRAJWAL KUMAR Bk	Student	bkprajwal99@gmail.com	+919591278798	Sir M VISVESVARAYA INSTITUTE OF TECHNOLOGY
103	Zahid Hassan Rather	Student	ratherxahidxahi8755@gmail.com	7006279551	SMVIT
104	Shravani G N	Student	gnshravani293396@gmail.com	7019673437	Sir.M visvesvaraya institute of technology
105	Vidhu bhushan gautam	Student	gautambrothersbangalore@gmail.com	8306088280	Sir MVIT
106	Chandan c k	Student	chandanc2k@gmail.com	9988808176	Sir M Visvesvaraya institute of technology
107	Deekshitha R	Student	deekshitha368@gmail.com	6361359615	Sir mvit
108	Nikhil B	Student	nikhilabsolute16@gmail.com	6363445475	Sir MVIT
109	SHIVANANDA A R	Student	shivananda9247@gmail.com	+919620671321	SIR M VISHVESHVARAYA INSTITUTE OF TECHNOLOGY
110	Pradeepa.s	Faculty	Pradeepasai1980@gmail.com	09886610709	Sir mvit
111	Ramya N	Faculty	Ramya_civil@sirmvit.edu	8951021891	Sir MVIT
112	Aman Raj	Student	amanraj3849@gmail.com	7277385435	SMVIT
113	Deesha	Student	vdeesha2000@gmail.com	7349658486	Sir MVIT
114	Lalita Hangaragi	Student	lalitahangaragi05@gmail.com	7619131624	Sir M Vishvesvaraya Institute Of Technology
115	MADAKASIRA CHINMAY VIK	Student	mchinmayavikas@gmail.com	9440140041	Sir M Visvesvaraya institute of technology
116	Basevaraj	Student	basavace134@gmail.com	8296221967	SIR MVIT COLLAGE
117	MAHENDRABABU HP	Faculty	bob_ben_ind@yahoo.com	7019087475	SIR MVIT
118	Rohan	Student	rohanbabusb@gmail.com	9880355518	Sir MVIT
119	Utkarsh Pratap Singh	Student	us42623@gmail.com	+918989027089	Sir m.visvesvaraya institute of technology
120	Needarshana Das	Student	needarshanaral@gmail.com	9678292093	Sir Mvit Bangalore
121	Mohammad	Student	Cafmohammad0@gmail.com	7424962406	SIR M Visvesvaraya Institute of Technology

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PICTURE GALLERY







**SIR M VISVESVARAYA INSTITUTE OF TECHNOLOGY,
BANGALORE - 562157**



DEPARTMENT OF CIVIL ENGINEERING

Certificate of Participation

This is to Certify that Mr./Ms. {{FULL NAME}}

has participated in the Program Conducted on "Yoga - Natural

Immunity Booster", On the Occasion of "International Yoga Day", by

Dr. H Ravikumar (Associate Professor), Sir MVIT, Bangalore,

Organized by Department of Civil Engineering, on 21st June, 2021.

This is an electronically generated certificate and does not require any signature.

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Sl. No.	Email Address	Full Name	Institution	How would you rate the event on the scale of 5	Has the program added to your awareness about maintaining a healthy lifestyle?	Has the program motivated you to include physical activity as part of your day to day routine?	Any Further Thoughts or Comments?
1	prasad_cvl@sirmvit.edu	K V R Prasad	Sir M.Visvesvaraya Institute of Technology, Bangalore	5	Yes	Yes	Informative yoga session
2	anithalayan@gmail.com	Anitha J	Sir MVIT	5	Yes	Yes	Excellent
3	bhavya_civil@sirmvit.edu	BHAVYA S	SIR M VISVESVARAYA INSTITUTE OF TECHNOLOGY	5	Yes	Yes	NO
4	keshavayadav5204@gmail.com	KESHAV G YADAV	SIR MVIT	5	Yes	Yes	No
5	pradeepasai1950@gmail.com	Pradeepa.S	Sir MVIT	5	Yes	Yes	Nil
6	sanjaycsr2000@gmail.com	Sanjay C	SMVIT	5	Yes	Yes	None
7	Dr.shrivanna_cvi@sirmvit.edu	Dr. SHIVANNA S	Sir MVIT	4	Yes	Yes	No
8	ashishhjin202027@gmail.com	Ashish	Karnataka State Remote Sensing Application Center	5	Yes	Yes	Thanks for organizing such a vibrant and energetic program. it was indeed a great learning.
9	ramya_civil@sirmvit.edu	RAMYA N	SIR MVIT	4	Yes	Yes	A wonderful and healthy session.
10	kavyadaiwalia@gmail.com	Kavya y dalawai	Sir MVIT bangalore	5	Yes	Yes	
11	smithnagowda2608@gmail.com	Smitha N	Sir m visvesvaraya institute of technology	5	Yes	Yes	
12	sharshini930@gmail.com	HARSHINI S	SIR MVIT COLLEGE	4	Yes	Yes	Inhaile the future , Exhale the past
13	Druvekumar552@gmail.com	DRUVA KUMAR B S	Sir MVIT	5	Yes	Yes	Very helpful in today's Lifestyle
14	c9686426117@gmail.com	CHETHAN KUMAR D N	Sir M Visvesvaraya institute of technology	5	Yes	Yes	No
15	anirudd19@gmail.com	Anirudd H H	Srmit	5	Yes	Yes	
16	lalithahangeragi05@gmail.com	Lalita Hangaragi	Sir M Vishvesvaraya Institute Of Technology	4	Yes	Yes	
17	dharmatej2000@gmail.com	K Dharma Tej	Sir mvit	5	Yes	Yes	No comments
18	vathsalapavanshetty@gmail.com	9731952647	Sir MVIT	5	Yes	Yes	
19	chithrayadav2001@gmail.com	CHITHRA YADAV N	MVIT	4	Yes	Yes	No
20	latha_mca@sirmvit.edu	R.latha	S.M.Visvesvaraya institute of technology	5	Yes	Yes	No

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Feedback - Yoga_A Step Towards Better Immunity

21	mchinmayavikas@gmail.com	MADAKASIRA CHINMAYA VIKAS	Sir M Visvesvaraya Institute of technology	5	Yes	Yes	Sir reached us nicely
22	pushkarakash2@gmail.com	Akash Pushkar H.M. Deepak	Sir MVIIT Bangalore Sir M. Visvesvaraya Institute of Technology	5	Yes	Yes	Yoga boosts overall health and helps in boosting immunity too
23	h.m.deepak7@gmail.com	Thippeswamy	Sir M Visvesvaraya Institute	4	Yes	Yes	No
24	kirangowdag10@gmail.com	Kiran Gowda G	Sir M Visvesvaraya Institute	5	Yes	Yes	It was really good
25	shivamsharma8299@gmail.com	Ritesh Sharma	Sir MVIIT	5	Yes	Yes	Nil
26	shekhar1999rajput@gmail.com	Shekhar Rajput	SIR MVIIT	4	Yes	Yes	It was a good YOGA session.
27	deekshitha368@gmail.com	Deekshitha R	Sir MVIIT	5	Yes	Yes	was very useful
28	lalikamala@gmail.com	Kamala	Sir M Visvesvaraya Institute of technology	5	Yes	Yes	No comments yet, it is more helpful to us in now a days thank you sir
29	subhannanvi@gmail.com	SUBHAN N A	SIR M VISVESVARAYA INSTITUTE OF TECHNOLOGY	5	Yes	Yes	Yoga is the gateway of happiness that body needs in daily life ! Happy Yoga Day >> DR HRK sir did it very well !!
30	rithugowda723@gmail.com	Rithushree.c	Sir M Visvesvaraya Institute of technology	4	Yes	Yes	No
31	nglr22ruan@gmail.com	Nishant Goyal	Sir mviit	5	Yes	Yes	We should do it in offline mode too.
32	sirmvitselvi@gmail.com	N TAMIL SELVI	SIR MVIIT	4	Yes	Yes	Informative
33	supriyav14062000@gmail.com	SUPRIYA V	Sir M Visvesvaraya Institute of technology	4	Yes	Yes	Over all it was nice .
34	shravaniyer1993@gmail.com	Ramaswamy S Iyer	Sir M Visvesvaraya Institute of Technology	5	Yes	Yes	Wonderful session of yoga, as a covid survivor i really appreciate the thought of increasing awareness among the people to boost their lung capacity and immunity.
35	shivananda9247@gmail.com	Shivananda A R	Sir m v	5	Yes	Yes	Good humility
36	navyar84@gmail.com	Navya R	Sir M Visvesvaraya Institute of Technology	5	Yes	Yes	Useful session
37	vpgowda108@gmail.com	Vijay P	Sir M. Visvesvaraya Institute of technology	4	Yes	Yes	Nothing

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Feedback - Yoga_A Step Towards Better Immunity

38	chandack2k@gmail.com	Chandan c k	Sir M Visveswaraya Institute of technology Bangalore	5	Yes	Yes	It was a good program to motivate to start yoga
39	chandanam63@gmail.com	Chandana M R	Sir M Visveswaraya Institute of technology	4	Yes	Yes	No
40	ashwinia2504@gmail.com	Ashwini A	Sir M Visveswaraya Institute of technology	5	Yes	Yes	Session is nice
41	akashjadhav6993@gmail.com	Akash m jadhav	Smvit Bangalore	4	Yes	Yes	
42	mmmani25981@gmail.com	MANIKANTHA K	Sir M Visveswaraya Institute of Technology	5	Yes	Yes	It's very nice program, please conduct more program on yoga...
43	vidyashree_cv@sirmvit.edu	Vidyashree J C	Sir mvit	5	Yes	Yes	Thank you.
44	shubh.shinde2014@gmail.com	Shubham Shinde	Sir M Visveswaraya Institute of technology Bangalore	5	Yes	Yes	Nil
45	vishwajeethkalathi@gmail.com	Vishwajeeth Robin Kalathi	Sir M V I T	4	Yes	Yes	We are really glad that our teachers motivates in doing yoga. It's needed in this pandemic situation to us, thank you sir
46	vandhanahv2@gmail.com	VANDANA HV	SIR MVIT	5	Yes	Yes	No
47	periyavaramsandeepreddy@gmail.com	Periyavaram Sandeep reddy	Sir mvit	4	Yes	Yes	No
48	harshcrazy3027@gmail.com	Harsh Raj	Sir Mvit	4	Yes	Yes	No
49	ayushbharti7@gmail.com	Ayush bharti	Sir mvit	5	Yes	Yes	No
50	darshanachinaka87@gmail.com	K N Chinaka Darshan	Sir M Visveswaraya Institute of technology	5	Yes	Yes	Yoga is to be practiced everyday for healthy life style
51	shivarejsagumale1996@gmail.co	Shivaraj Sagumale	Sir Mvit	5	Yes	Yes	No
52	navyar84@gmail.com	Navya R	Sir M Visveswaraya Institute of Technology	5	Yes	Yes	Useful session
53	vdeesha2000@gmail.com	Deesha V	Sir MVIT	4	Yes	Yes	
54	doddiashwin@gmail.com	Ashwin Ramagond Doddi	Sir MVIT	5	Yes	Yes	Good learning
55	subhadragd22@gmail.com	Subhadra Gowda GD	Sir mvit	5	Yes	Yes	Inspired by you sir
56	hujaratnimanisha@gmail.com	M MANISHA	Sir M Visveswaraya Institute of Technology	4	Yes	Yes	None
57	chethanb1609@gmail.com	CHETHAN B	SIRMVIT	5	Yes	Yes	Nothing

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Feedback - Yoga _A Step Towards Better Immunity

58	darshanchinaka87@gmail.com	K N Chinaka Darshan	Sir M Visveswaraya Institute of technology	5	Yes	Yoga is to be practiced everyday for healthy life style
59	manwarharis@gmail.com	M Anwar Haris	Sir M Visveswaraya Institute of Technology	5	Yes	Overall it was a wonderful experience!
60	vysshnavisimvit@gmail.com	VYSHNAVI D R	Sir M Visveswaraya Institute of Technology	5	Yes	none

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Sir M. Visvesvaraya Institute of Technology
Department of MBA

A Report on Expert Talk

Program Type	Student Development Program - Expert Talk
Program Title	An Expert talk on "Trends in M commerce during COVID 19"
Resource Person Name	Mr. Pradeep Singh
Designation	Digital Marketing Sepcialist
Company	Group M
Program Date	28/11/2020
Time	10:30 to 11:30 am
Platform	Zoom Meeting
Login link	https://us04web.zoom.us/j/6537640093?pwd=b0RGXRleGZoWk1NlFyb3B6RGtEUT09 Meeting ID: 653 764 0093 Passcode: A6Gxr1
Audience	3 rd Semester Dual Marketing – MBA Students.
No of Audience Present	40 Members

Objective of the program:

- To provide an overall view of M commerce industry to the students,
- To help students understand how brands adapted M commerce during COVID 19 pandemic
- To familiarize students understand the current marketing practices, future prospects, opportunities and challenges in M commerce

A brief Description of the program:

Mr.Pradeep Singh, Digital Marketing expert, Group M, addressed the dual Marketing Students. Overall view of M commerce, paradigm shift in marketing practices and trends, strategies adapted by brands to survive during COVID 19, changes in consumer behavior, opportunities

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and challenges were discussed. Lots of real time examples were discussed and session was made interactive. 35 participants attended the session, faculty members monitored and facilitated the session. Feedback was collected from participants through Google form.

Outcome of the program:

- Students were able to understand how M commerce functions
- It familiarized students to understand strategies adapted by the brands to sustain during COVID 19
- Created an awareness about different start up in m commerce
- Helped to understand different set of opportunities and change in the consumer behavior during the pandemic

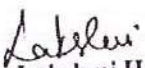
Organizing Committee:

- Dr. Srinivasa G – Program Convener
- Dr. Lakshmi H – Program Coordinator
- Dr. Harish B S – Coordinating Member

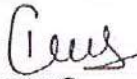
Enclosures / Attachments:

- Annexure I - Program Invitation & Acceptance.
- Annexure II- Profile of Resource Person
- Annexure III- Program Brochure.
- Annexure IV- List of participants attended.
- Annexure V - Screen shots taken during the program.
- Annexure VI - Program Feedback Summary.

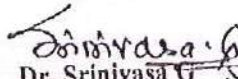
Prepared By


Dr. Lakshmi.H
Assistant Professor

Verified by


IQAC

HOD


Dr. Srinivasa G
Associate Professor & Head

Sir M. Visvesvaraya Institute of Technology
Department of MBA

A Report on Expert Talk

Program Type	Student Development Program - Expert Talk
Program Title	An Expert talk on "Industry Overview: What is Trending in Recruitment?"
Resource Person Name	Ms. Winisha
Designation	Recruitment Specialist
Company	Meyrahkee Advisors Private Limited, Bangalore
Program Date	31/10/2020
Time	10:30 to 11:30 am
Platform	Zoom Meeting
Login link	https://zoom.us/j/96663543169?pwd=SUczN2sxWjFRRkF0cmNuSIBvOEhJQT09 ID: 924 8296 0857, PW: 0HQ90Y
Audience	3 rd Semester Dual HR – MBA Students.
No of Audience Present	60 Members

Objective of the program:

- To up skill students' knowledge on recruitment function in B2B & B2C space.
- To help the students understand the challenges in recruitment function.
- To create awareness on various job portals and its feasibility.
- To highlight the skill sets required to be a successful recruiter.
- To help students to understand the role of HR Recruiter with reference to stake holder's management and database management.

A brief Description of the program:

An expert talk by Ms. Winisha was organized exclusively for Dual HR students. The session started with a brainstorming session by the expert to understand the present mindset of the

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students. The resource person deliberated on the set objectives with real time examples and corporate scenarios. The session was interactive by addressing the questions with relevant examples to make the students understand with ease. Around 60 participants attended the session along with the faculty team who were monitoring and mediated the session in an interactive way. A feedback link was shared amongst the participants using Google Form to assess the program outcomes.

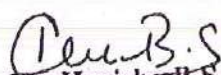
Outcome of the program:

- Students were able to up skill their knowledge on recruitment function in B2B & B2C space.
- It was helpful to the students to understand the challenges in recruitment function.
- Awareness on various job portals and its feasibility has been created among the students.
- Students have understood the important skill sets required to be a successful recruiter.
- It helped students to understand the role of HR Recruiter with reference to stake holder's management and database management.

Organizing Committee:

- Dr. Srinivasa G – Program Convener
- Dr. Harish – Program Chief Coordinator
- Dr. Lakshmi – Coordinating Member
- Prof. Deepthi J R – Coordinating Member

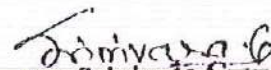
Prepared By


Dr. Harish B S
Assistant Professor

Verified by


IQAC

HOD


Dr. Srinivasa G
Associate Professor & Head

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Sir M. Visvesvaraya Institute of Technology
Department of MBA

A Report on Expert Talk

Program Type	Student Development Program - Expert Talk
Program Title	An Expert talk on "Career opportunities in Indian Armed Force"
Resource Person Name	Mr. M Bhim Sen
Designation	Veteran , IAF
Company	Indian Air Force
Program Date	07/07/2021
Time	11:00 to 12:00 pm
Platform	Google Meet
Login link	https://meet.google.com/soc-iaqd-edu
Audience	Final year MBA Students.
No of Audience Present	100 Members

Objective of the program:

- To provide an overall view of career prospects in Indian Air force
- To help students understand the different types job prospective with Indian armed forces
- To familiarize students about various job opportunities other than Marketing HR . Finance specialization and where MBA graduates can have better prospects after their course completion.

A brief Description of the program:

Mr Bhimsen is the Vice President, Marketing, in Silver Peak Global, an Indo- Japanese venture addressed the Final year MBA students about the various career opportunities present for a MBA graduate respective of their specialization. Very Detailed discussion of the below were made

- Various post CDS (Chief Defence Staff), officers for Technical and Non Technical branch
- Benefits of joining armed forces,

- Pay and allowances,
- Details about AFCAT (Air Force Common Admission Test) Eligibility criteria
- Syllabus and Evaluation test
- Observation
- Procedure of Services Selection Board (SSB)

He also spoke about the importance of knowing current affairs, practicing for aptitude, logical reasoning and numerical problem solving ability which can help students to crack several state and central level exams for various jobs.

Session was very informative interactive and Mr.Bhimsen clarified all the queries of the students.

100 participants attended the program, faculty members monitored and facilitated the session.

Feedback was collected from participants through Google form.

Outcome of the program:

- Students were able to understand the opportunities available for MBA graduates at Indian armed force
- It familiarized students to understand about different types of entrance exams and selection process
- Created an awareness about different career opportunities besides the regular ones

Organizing Committee:

- Dr. Srinivasa G – Program Convener
- Dr. Lakshmi H – Program Coordinator
- Ms.Deepthi JR – Coordinating Member
- Ms.Srilakshmi Venkata Rao– Coordinating Member

Prepared By

Lakshmi
Dr. Lakshmi.H
Assistant Professor

Verified by

Lakshmi
IQAC

HOD

Srinivasa G
Dr. Srinivasa G
Associate Professor & Head

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SIR M. VISVESVARAYA INSTITUTE OF TECHNOLOGY

DEPARTMENT OF MBA

REPORT ON TWO DAY WORKSHOP CONDUCTED ON

"BUSINESS STATISTICS & ANALYTICS" BY MR. VENKATESH MURTHY S

Date: 03.01.2020 & 04.01.2020

Preamble:

A two day workshop on Business Statistics & Analytics was conducted on 03.01.2020 & 04.01.2020, at MBA Seminar Hall, Sir MVIT in order to spread Analytical aspects at the right time to the MBA students of Sir MVIT College in view of preparing them for the semester exam. This workshop was organized under FINNAC (Finance & Accounts Forum). Mr. Venkatesh Murthy S was invited to deliver the Business Statistics & Analytics for 1st semester MBA students.

Participant's Profile:

A total of 105 students from 1st year were part of the workshop.

Description about the Program:

On the inaugural session, Mr. Venkatesh Murthy participated as Resource Person. In his address to the students, he emphasized the role of Statistics for young minds and he advised them to overlook the subject in a broader perspective to understand and solve practical problems for the upcoming semester exams.

The below is the summary of discussed points on both the days:

- ❖ How to use Statistical Tools?
- ❖ Problems on Linear Programming Problems
- ❖ Transportation Problems
- ❖ PERT & CPM

Dr. Sandhya Suswaram, HOD, MBA Department, Sir MVIT with all the staff members of MBA Department presided over the workshop.

Dr. G Srinivasa, Associate Professor MBA was the overall co-ordinator for the session and Mr. Karthik S V, Assistant Professor MBA proposed the vote of thanks.

The entire program was co-ordinated with the support of the Principal, HOD & Faculty of MBA Department, Sir MVIT.

Feedback:

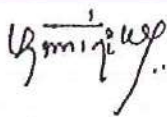
All the students expressed their gratitude to staff of Department of MBA, Sir MVIT for organizing two day workshop for creating and making them a sense of understanding overall fundamentals of Business Statistics & Analytics.

Future Perspectives:

The Department of MBA is looking forward to organize future workshops under FINNAC Club in order to create awareness to MBA students of Sir MVIT on basic fundamentals of Business Statistics & Analytics.

Report Submitted by: Mr. Karthik S V

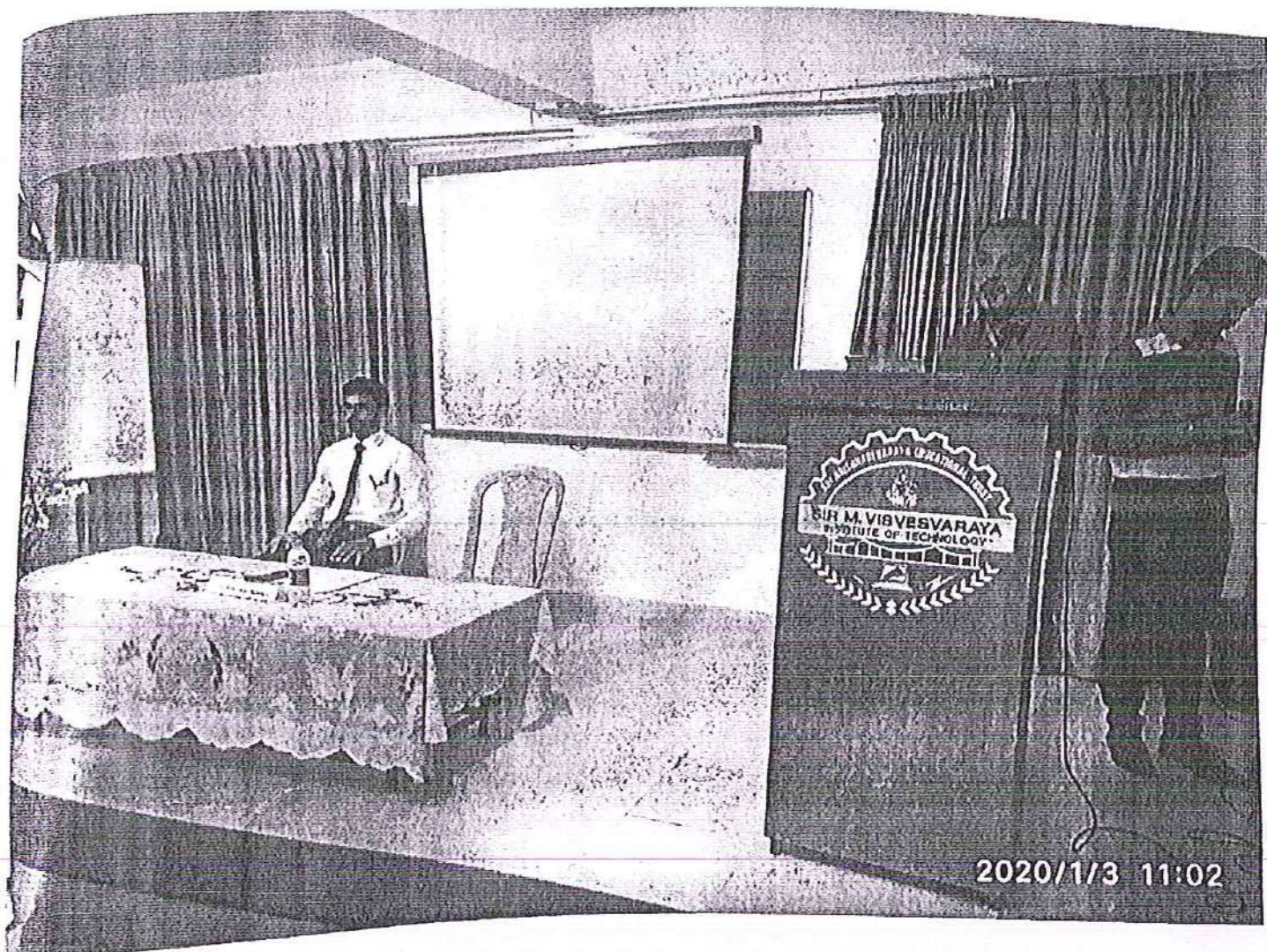
Designation: Assistant Professor



Dr. Sandhya Suswaram
Prof. & HOD, Department of MBA

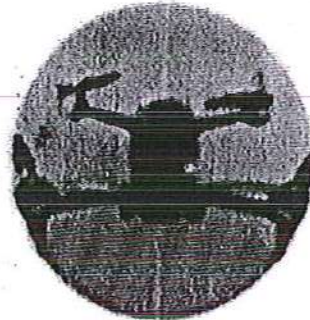


Encl: Photos for kind records.



2020-21

Sri Krishnadevaraya Educational Trust
SIR M. VISVESVARAYA INSTITUTE OF TECHNOLOGY
International Airport Road, Mahanagarachall, Ponnurba, Krishnadevaraya Nagar
Bengaluru, Karnataka - 562 157



[Signature]
PROFESSOR & HEAD
Department of Mechanical Engineering
Sir M. Visvesvaraya Institute of Technology
Bengaluru-562 157

DEPARTMENT OF MECHANICAL ENGINEERING

Cordially Invites One and All to

WEBINAR ON

DRONE TECHNOLOGY AND ITS ROLE IN INDUSTRY 4.0

EXPERT SPEAKER

Mr A. J. Arun Jeya Prakash

Co-founder & CEO - Aviocian Technologies Pvt. Ltd., New Delhi

19th June 2021 @4pm - 6pm

REGISTRATION LINK

<https://forms.gle/kQ2uY3dukmg9xUWXV7>



MENTOR :

Dr. K S Shanmukharadhya
Professor and HOD

ORGANISING CHAIR :

Dr. V.R. Manjunath
Principal

STAFF CO-ORDINATORS :

Dr. V. Shanba, Mr. Khalique Ejaz Ahmed
Mr. D. Mahaboob Basha, Mr. Janardhan K

STUDENT CO-ORDINATORS :

Subin T Sunil - 9986740835
Tejas S.A - 9742347496

2020-21

**SIR M VISVESVARAYA INSTITUTE OF TECHNOLOGY,
BANGALORE-562157**



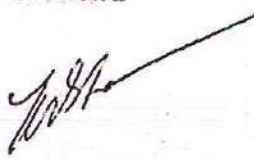
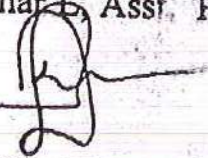
REPORT ON NATIONAL WEBINAR

ON

**"METAL ADDITIVE MANUFACTURING: RESEARCH IN AL10SiMG ALLOY
PRINTED AND PROJECT FUNDING IDEAS IN THE FIELD"**

ORGANIZED BY

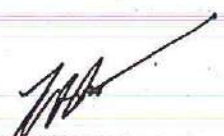
THE DEPARTMENT OF MECHANICAL ENGINEERING

ORGANIZING CHAIR	CONVENOR	COORDINATORS
V R Manjunath Principal	Dr K S Shanmukharadhya Prof. & Head 	Dr. G Balakumar, Assoc. Prof. Mr. Madhukumar K, Asst. Prof. Mr. Sampath Kumar, Asst. Prof.  

RESOURCE PERSONS:

1. **Dr T Ramprabhu**
Scientist & Deputy Director
DRDO, Bengaluru
Mobile No 9535531407
Email: ramprabhu.t@gmail.com

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PROFESSOR & HEAD
Department of Mechanical Engineering
Sir M Visvesvaraya Institute of Technology

2020-21

SIR M VISVESVARAYA INSTITUTE OF TECHNOLOGY
Department of Mechanical Engineering
THREE DAY STUDENT DEVELOPMENT PROGRAMME HELD
BETWEEN MAY 20-22, 2021

"HIGHER STUDIES & EMPLOYABILITY OPPURTUNITIES IN USA"

A Three Day SDP through Webinar was organised by the Department of Mechanical Engineering, Sir M Visvesvaraya Institute of Technology between May 20-22, 2020 on latest Cutting Edge Technologies for Mechanical Engineering and Industrial Engineering & Management students to enhance their domain knowledge and employability skills.

Day 1 : May 20, 2020

Time : 6.00 pm to 7.00 pm

Guest Speaker : Mr. Vineet Raj,

Senior Engineer, Goodyear Tires & Rubber Company, Ohio, USA.

Mr. Vineet Raj gave a presentation on "Higher studies and Employability Opportunities in USA". The topic included admission process covering various stages where applicants start searching for prestigious Universities in USA, their application deadlines, TOEFL/GRE/GMAT admission requirements, Recommendation letters, Bank loan processes, VISA formalities till reaching universities in USA to start academic calendar. Mr Vineet stressed upon the weather conditions in USA to be known by our Indian students and also, they must adapt to conditions there. Financial aspects and Internships opportunities in various parts of USA were apprised by him for the benefit of our students.

Day 2 : May 21, 2020

Time : 11.00 am to 01.00 pm

Guest Speaker: Mr Praveen U,

Senior Sales Executive, Design Tech Systems Pvt. Ltd., Bengaluru.

Live Workshop on Structural Optimisation and Manufacturability Prediction using Altair Inspire Platform was organised by Mr Praveen U. Students were provided sixty days licence to

Day 3 : May 22, 2020

Time : 10.00 am to 11.00 am

Guest Speaker: Dr Shivaprasad C G

Deputy General Manager, HAL Management Academy, Bengaluru.

Dr Shivaprasad C G gave an absorbing talk on Creativity for Engineers where students were given task of initiating creativity in young minds from scratch. Speaker stressed upon the basic requirements for a good design and factors to be considered in making a design more feasible and economical covering all parameters.

Coordinators:

Dr V Shantha

Khalique Ejaz Ahmed

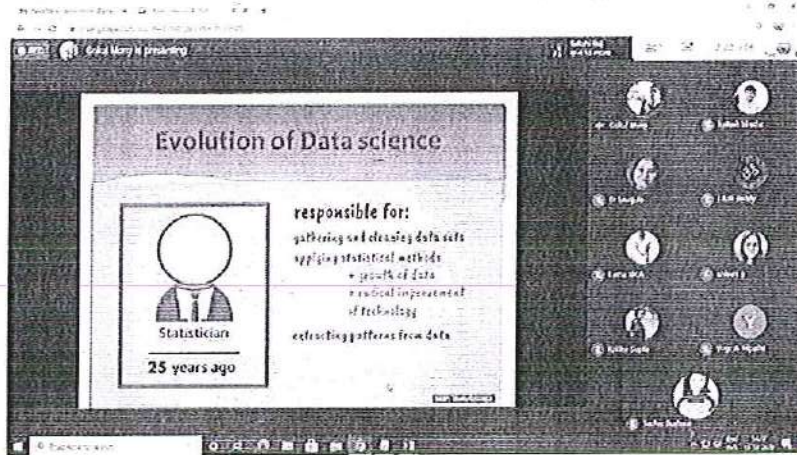
B M Nagesh

Mahaboob Basha D

Janardhana K

Mrs Asha Rani

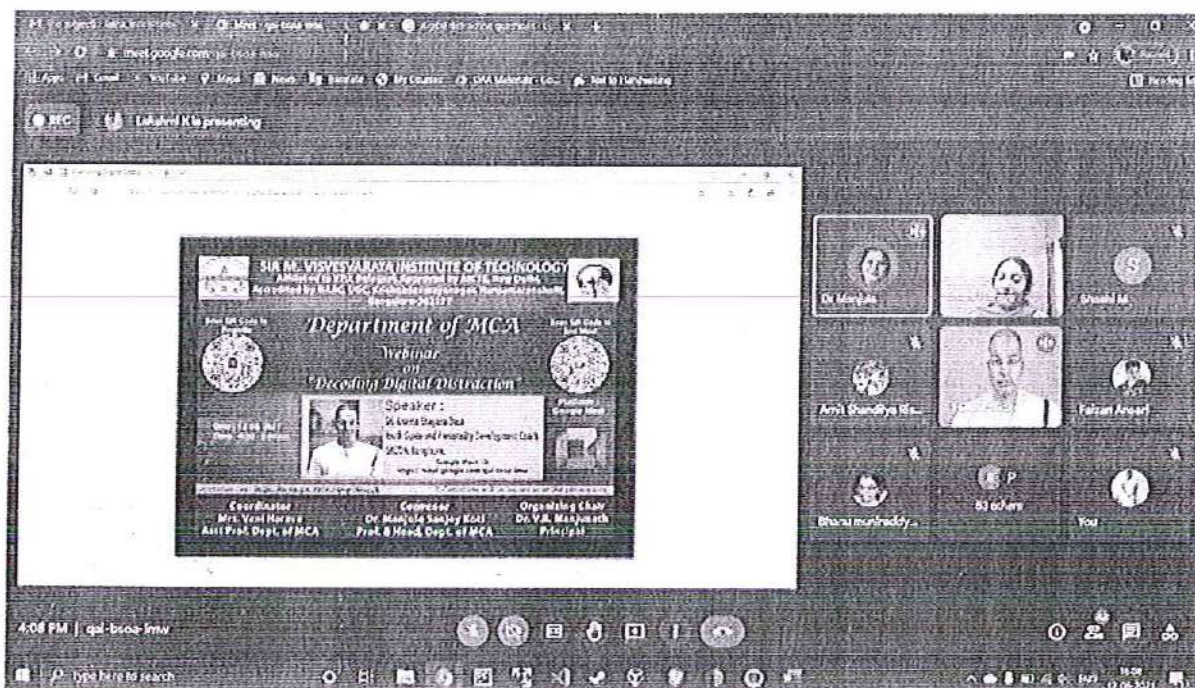

PROFESSOR & HEAD
Department of Mechanical Engineering
Sir M. Visvesvaraya Institute of Technology
Bengaluru-562 157



Department of MCA, conducted online Student Development Program "Python for Data Science" on 12th December 2020. Mr. M. GokulDhev from Amrita College of Engineering and Technology was the resource person.



Department of MCA organized a One Day Student Development Program on "EJB and its Applications" on April 17, 2021. Mr. Pranav Kumar, Software Engineer, JP Morgan Bangalore and Mr. Karthik Ramesh, Senior Developer, HCL Bangalore were the resource persons.



Department of MCA, organized a webinar "Decoding Digital Distraction" on 12th June 2021. Sri. Ananta Shayana Dasa, Youth Guide and Personality Development Coach, ISKCON, Bangalore was the Resource Person.

(14)
DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING
SIR M VISVESVARAYA INSTITUTE OF TECHNOLOGY
Bengaluru-562167

To
Principal
SIRMVIT
Bengaluru

16/11/2021

Proper Channel

Respected Sir,

Subject: Seeking Permission for one day Visit to BMRCL and KPTCL Substation as part of Industrial Visit to 3rd year and 4th year Students.

With reference to the above subject, we are planning for Industrial Visit to our 3rd year and 4th year Students to BMRCL(Bengaluru Metro, Baiyappanahalli) and KPTCL substation(400kV Receiving Station Doddaballapur/Nelamangala).

A letter for visit will be communicated to the companies of our visit and the visit dates will be confirmed from the company and then will be intimated to your esteemed office. The tentative plan of date of visit is 24th-27th Nov 2021.

The industrial visit will provide an exposure to students about practical working environment. They also provide students a good opportunity to gain full awareness about industrial practices and to visualize the Real time working environment of Electrical systems.

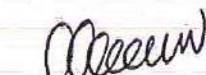
We also look forward for transport facility arranged for the Industrial Visit from the Institution.

In this regards kindly permit us for this Industrial visit.

Thanking You

Yours faithfully


Dr. Mahesh. K
Professor
EEE dept
SIRMVIT

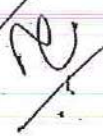

Dr. M. S. Suresh
Assoc Prof
EEE dept
SIRMVIT

Forwarded for kind
consideration. 

16/11/2021
PROF. & HEAD
DEPT. OF ELECTRICAL ENGG.
SIR M. VISVESVARAYA INSTITUTE OF TECH.
Krishnadevarayanagar, Munasamara
(Via) Yalahanka Bangalore-562 1

HOD EEE

Permitted



(160)



Seeking Permission to Visit BMRCL, Baiyappanahalli Metro Unit.

Wed, Nov 17, 2021 at 1:53 PM

IP SHARMA_CGM <sharmanp@bmrc.co.in>
To: DR MAHESH SIRMVIT <drmaheshk_eee@sirmvit.edu>
Cc: hod_eee@sirmvit.edu, trg@bmrc.co.in, SELVAN MKT <cso_selvan@bmrc.co.in>, Girish L <ss_girish@bmrc.co.in>, Simulator@bmrc.co.in, alphonse@bmrc.co.in

Dear sir

We will be pleased to have you and students on 8th December 2021 (Wednesday). Mask is compulsory pl.

Regards,

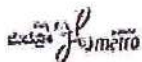
N P Sharma

CGM & Principal

BMRCL Training Institute

Intercom:11306

Mob:09448287979



From: DR MAHESH SIRMVIT <drmaheshk_eee@sirmvit.edu>

Sent: 17 November 2021 12:58

To: sharmanp@bmrc.co.in

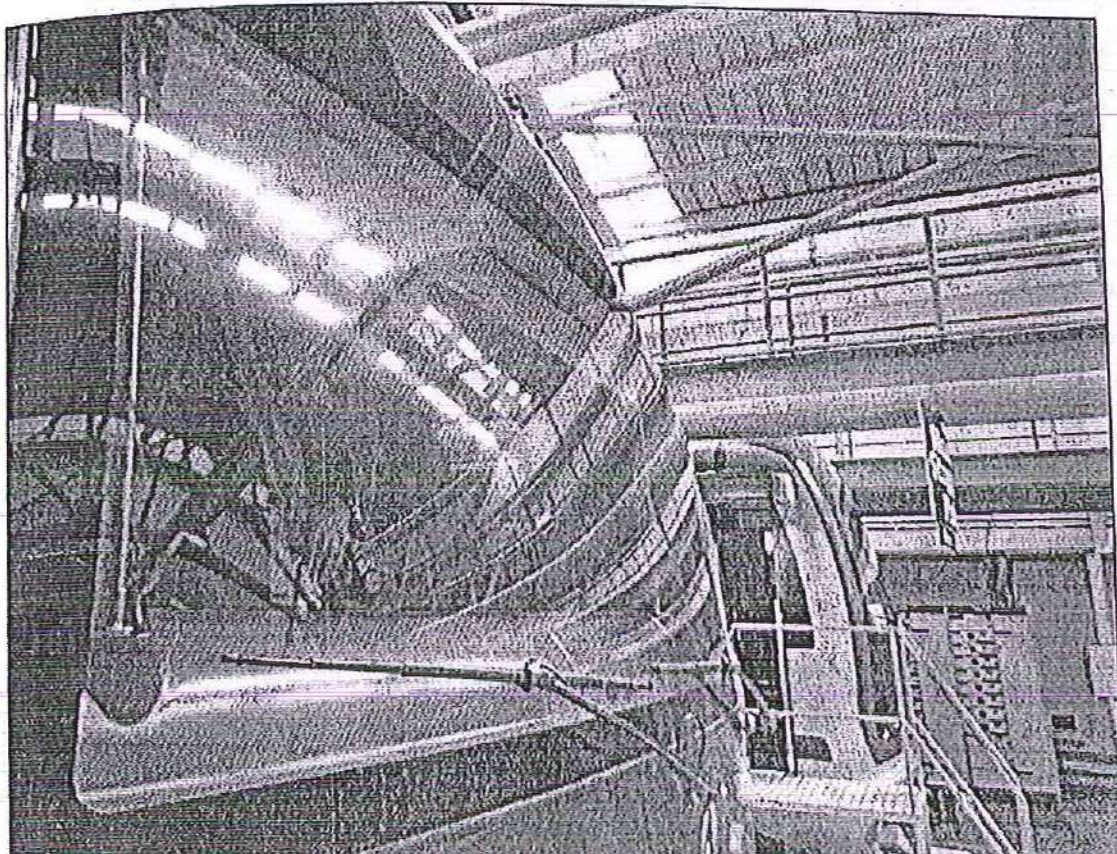
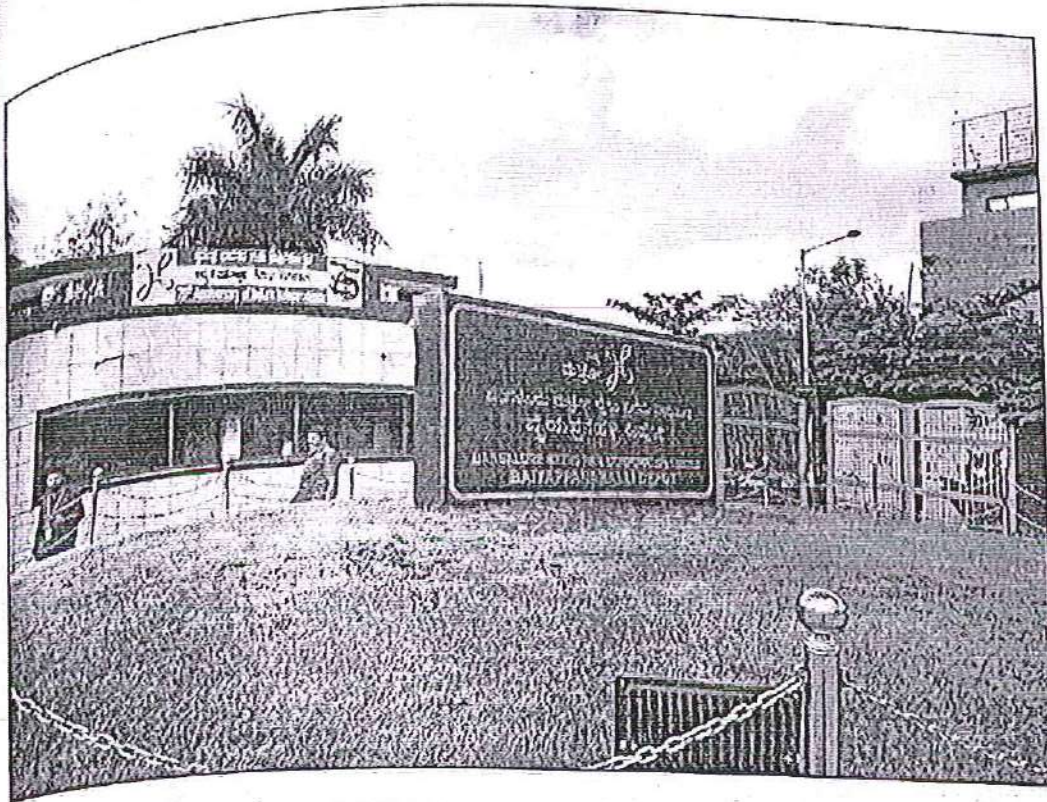
Cc: hod_eee@sirmvit.edu

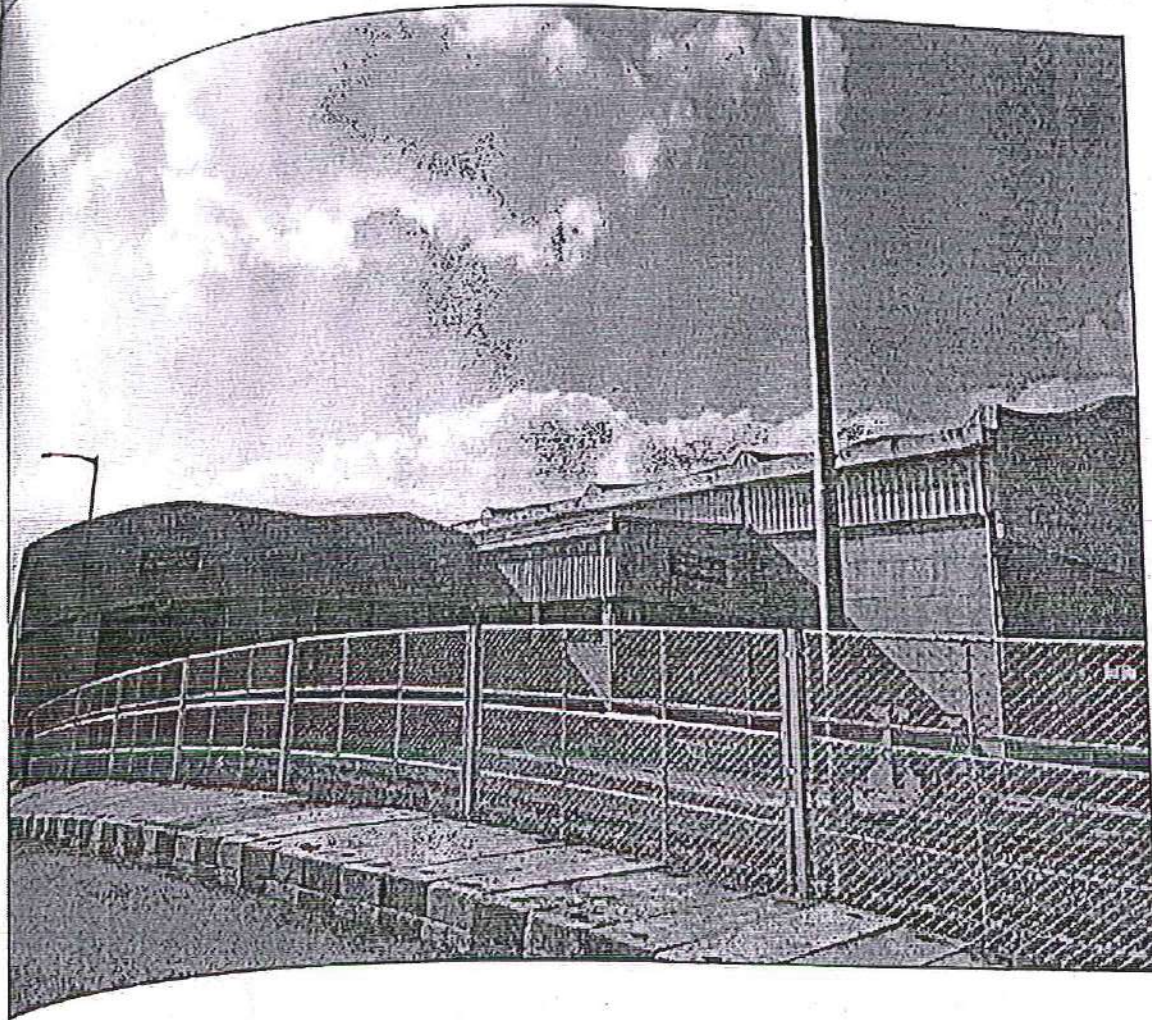
Subject: Seeking Permission to Visit BMRCL, Baiyappanahalli Metro Unit.

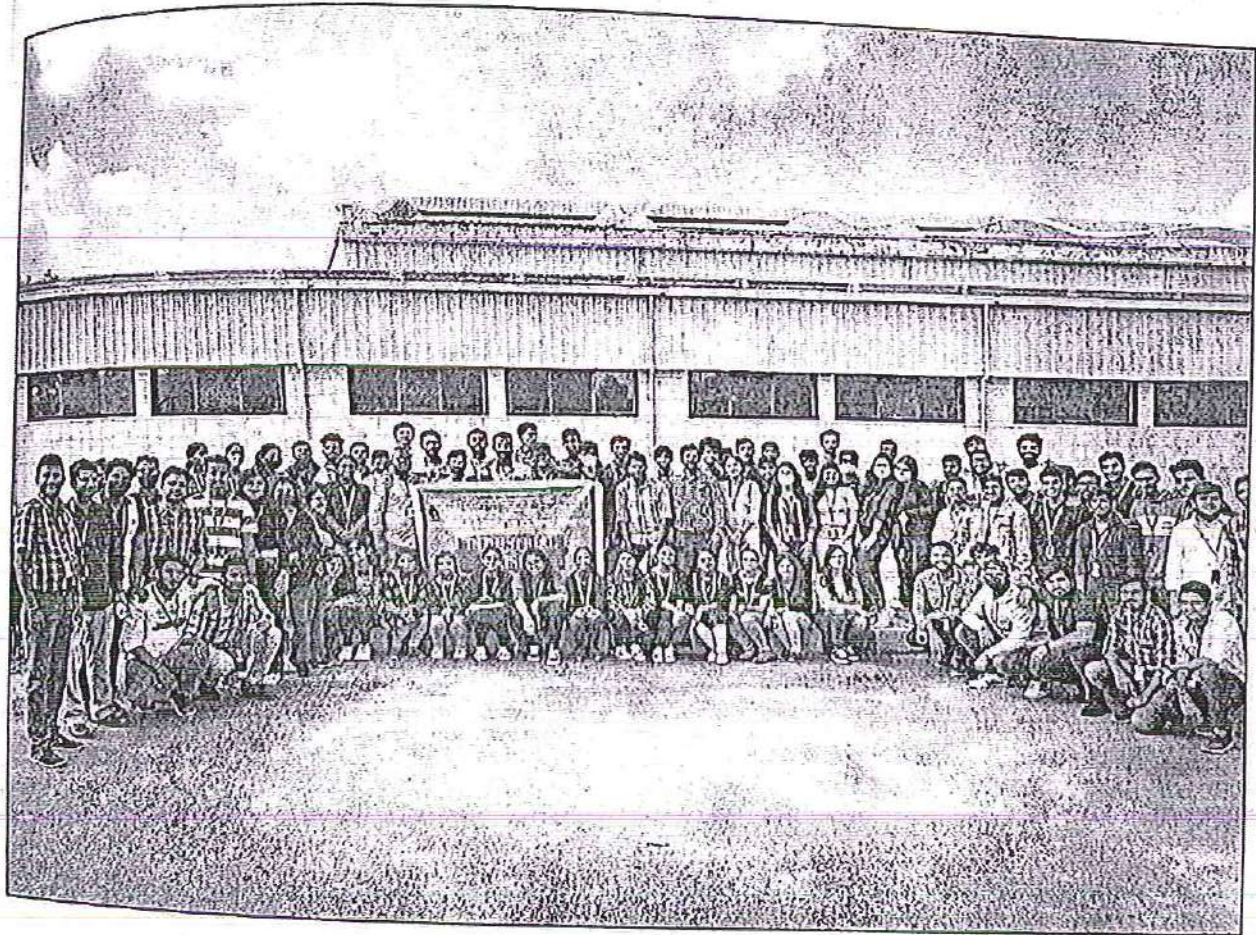
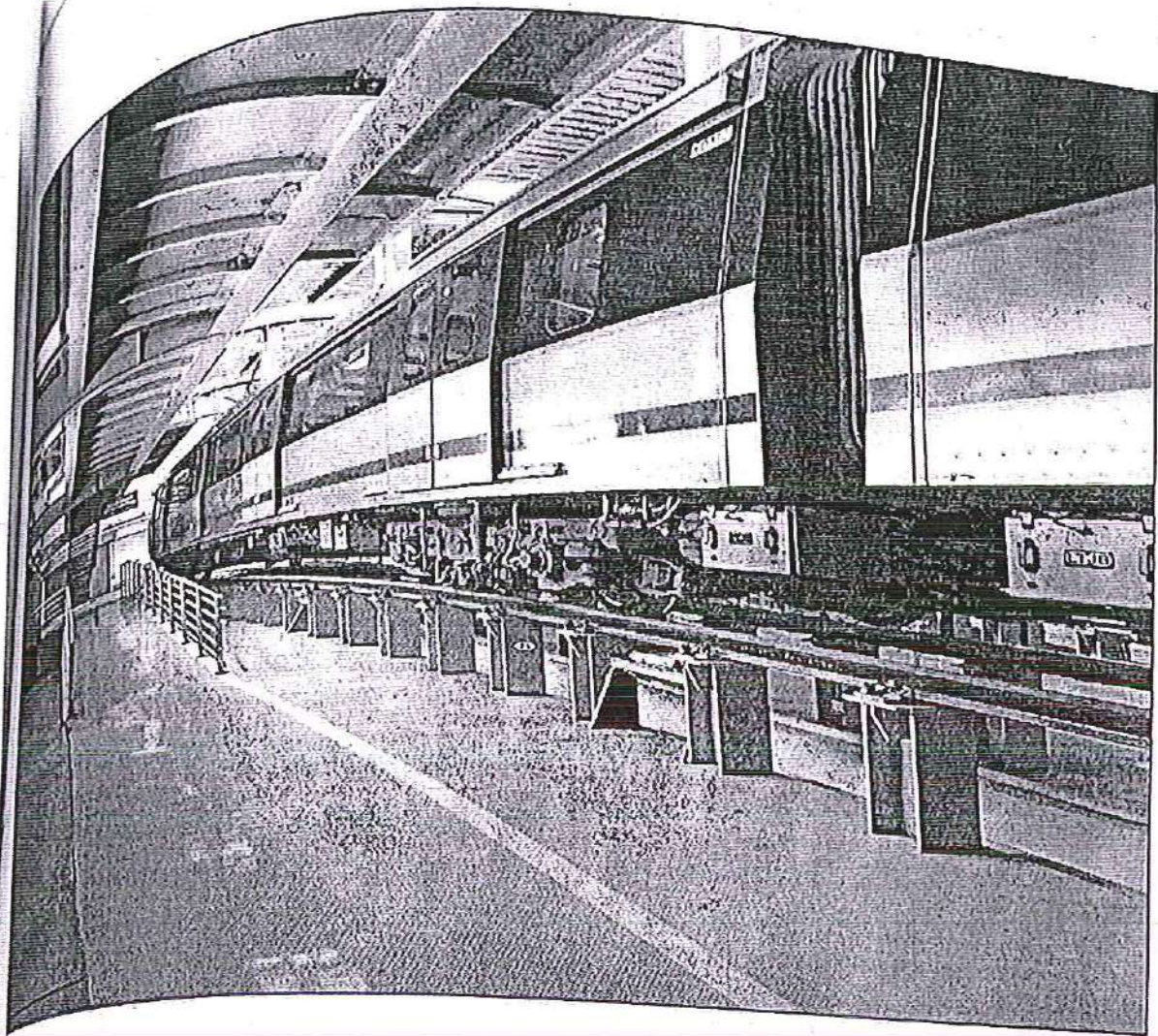
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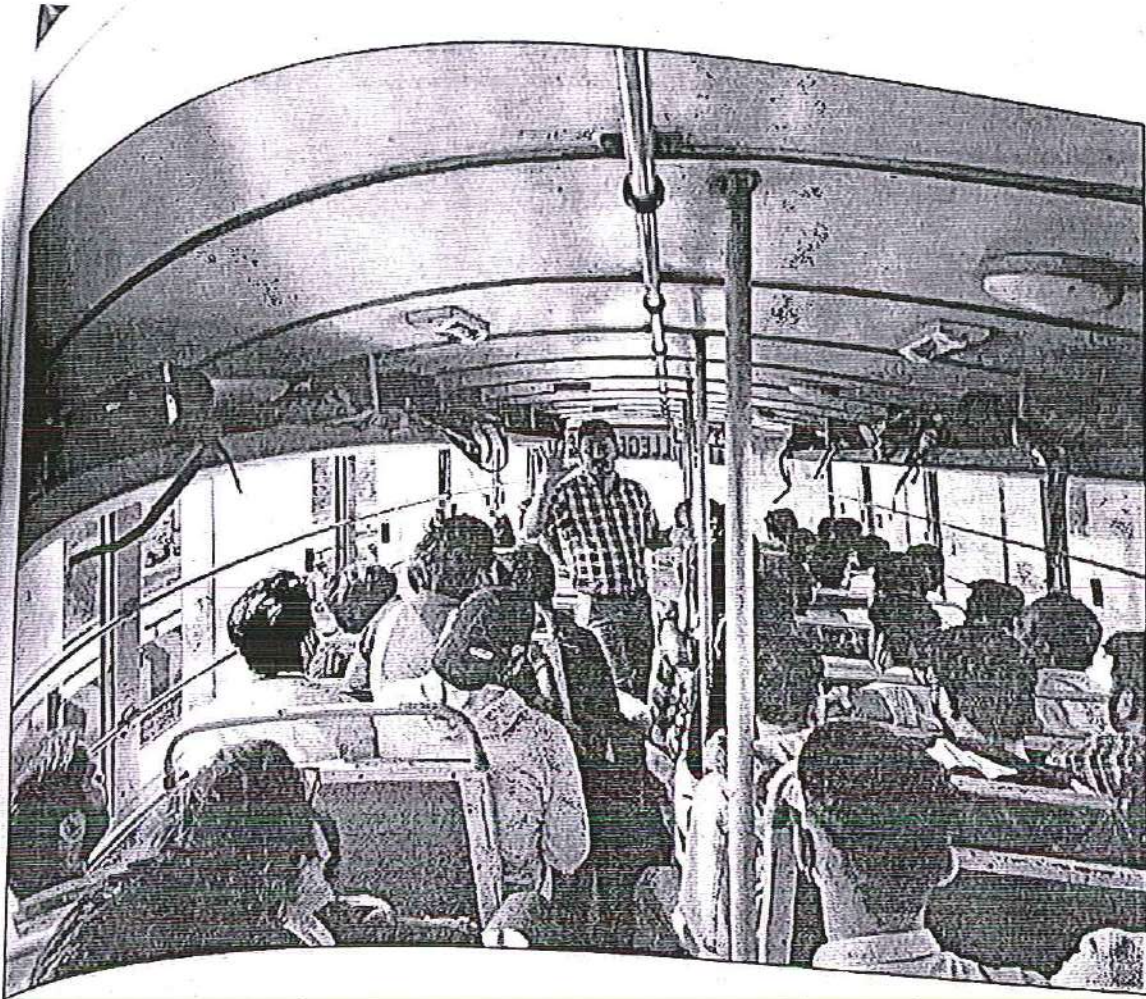
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Glimpse of the Visit









(3)

KARNATAKA POWER TRANSMISSION CORPORATION LIMITED

Corporate Identity Number (CIN): U40109KA1999SGC025521

No. CEE/TZB/SEE(O)/AE-3/2021-22/

12682-86

23.11.2021



O/o Chief Engineer, Electy.,
Transmission Zone, KPTCL,
A.R.Circle, Bengaluru-09.
Phone No:-080-22282602
Email Id:ceemwbz@gmail.com

Dated:

23/11/2021

To,

The Head of the Department,
Department of Electrical & Electronics Engineering,
Sir M. Visvesvaraya Institute of Technology,
Krishnadevarayanagar, Hunasamaranahalli,
Off. International Airport Road,
Bengaluru - 562157.

Sir,

Sub: Permission to visit Devanahalli 400kV Hardware Park Receiving Station- Reg.

Ref: 1)Letter-No: SIRMVIT/EEE/IV/002, dtd: 16-11-2021 of Sir MVIT

2)Letter No: KPTCL/B8/21391/2021-22, dtd: 09.11.2021 of
GM(Tech), KPTCL, Kaveri Bhavan, Bengaluru.

With reference to the above, approval is hereby accorded for 115 students of final year Electrical & Electronics Engineering Department with 4 faculty members of Sir M. Visvesvaraya Institute of Technology to visit **Devanahalli 400kV Hardware Park Receiving Station on 26.11.2021 (Friday) in four batches.** One officer from KPTCL will be present and accompany during the visit.

You shall submit an undertaking to the Executive Engineer (Ele.), Devanahalli 400kV Hardware Park Receiving Station, Devanahalli, stating the following:

1. You will be solely responsible for the safety of the Students/Trainees/Engineers and accompanying faculties during the visit to KPTCL sub-stations and transmission lines.
2. KPTCL will not be responsible for any unforeseen circumstances during the visit to KPTCL sub-stations and transmission lines.

To
Pr. MK
& mes.

(166)

To make necessary
arrangement

23/11/21

P.T.O.

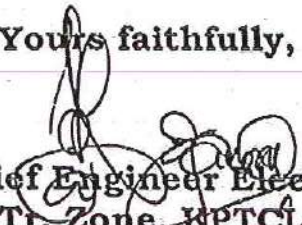
Contact Person Detail:

Executive Engineer (Ele.)

(Mob. No. 82779-43801)

Devanahalli 400kV Hardware Park Receiving Station,
KPTCL, Devanahalli.

Yours faithfully,


Chief Engineer Elect.,
Tr. Zone, KPTCL,
Bengaluru.

KARNATAKA POWER TRANSMISSION CORPORATION LIMITED

Corporate Identity Number (CIN): U40109KA1999SGC025521
No. CEE/TZB/SEE(O)/AE-3/2021-22/



O/o Chief Engineer, Electy.,
Transmission Zone, KPTCL,
A.R.Circle, Bengaluru-09.
Phone No:-080-22282602
Email Id:ceemwbz@gmail.com
Dated: 21.11.2021

To,
The Head of the Department,
Department of Electrical & Electronics Engineering,
Sir M. Visvesvaraya Institute of Technology,
Krishnadevarayana Nagar, Hunasamaranahalli,
Off. International Airport Road,
Bengaluru - 562157.

Sir,
Sub: Permission to visit Devanahalli 400kV Hardware Park Receiving
Station- Reg.
Ref: 1)Letter No: SIRMVIT/EEE/IV/002, dtd: 16-11-2021 of Sir MVIT
2)Letter No: KPTCL/B8/21391/2021-22, dtd: 09.11.2021 of
GM(Tech), KPTCL, Kaveri Bhavan, Bengaluru.

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You shall submit an undertaking to the Executive Engineer (Ele.),
Devanahalli 400kV Hardware Park Receiving Station, Devanahalli, stating the
following:

1. You will be solely responsible for the safety of the
Students/Trainees/Engineers and accompanying faculties during the visit
to KPTCL sub-stations and transmission lines.
2. KPTCL will not be responsible for any unforeseen circumstances during the
visit to KPTCL sub-stations and transmission lines.

(168)

Report on the Industrial visit to 400/220kV GIS Substation

The department of Electrical and Electronics Engineering, Sir M Visvesvaraya Institute of Technology had organized a one day industrial visit to 400kV Substation at Devanahalli, as a part of the academic co-curricular requirement on 26th November 2021.

The substation is located in Devanahalli Hardware Park, Karnataka. This substation is regulated and controlled by Karnataka Power Transmission Corporation Limited (KPTCL). The designed voltage level of the substation is 400/220kV. The step in voltage of the project is 400kV and the step out voltage is 220kV. The total capacity of the substation is 1000MVA.

The industrial visit was organized for the students of 7th semester EEE. With a great zeal of energy and the urge to know and understand the working of a 400kV substation, the students had gathered in the college campus by 9AM. We reached the KIADB hardware park, where the substation was located at around 10.30AM. We were welcomed by Akshatha Madam, the AEE of the substation along with her team.

We were split into 3 groups and we were taken a tour across the entire substation. This substation is a Gas Insulated Switchgear substation (GIS). It is a high voltage substation in which the major conducting structures are contained within a sealed environment with a dielectric gas (usually SF₆ or Sulphur Hexafluoride) as the insulating medium, unlike the Air Insulated Switchgear substation(AIS) which uses air as the insulating medium.

We were explained about the transmission lines that pass through this substation. There were a total of 8 transmission lines running across the 400kV main bus. They were

1. HOODY LINE 1
2. HOODY LINE 2
3. PAVAGADA LINE 1
4. PAVAGADA LINE 2
5. SINGANAYAKANA HALLI
6. NELAMANGALA LINE 1
7. CAUDAPA LINE 1
8. CAUDAPA LINE 2

We were also about the main parts which are associated with the incomer lines, viz the Current Transformers, Voltage Transformers, Lightning arrestors and Wave traps. We all were fascinated to look at the huge instruments, which happen to be just a small diagram in the textbook. The understanding and realization of transmission and distribution was completely imbibed in the entire visit.

We also saw the Air insulated side as well as the Gas Insulated areas and we got the prime difference between the two that the GIS substation occupies very less space compared to the AIS substation (around 10 to 20%).

We got a chance to see the entire arrangement of a substation, with both the AIS and GIS equipments. The team explained in an explicit way and made us very clear about all the doubts we had on the concepts. We even saw a huge reactor, which was used to supply reactive power, in order to minimize the Ferranti effect caused in the transmission lines.

We were taken inside the GIS room and Lo! We were amused and awestruck looking at the entire arrangement. The GIS, which originally began in Japan is clearly a masterpiece of the outcome of today's technology. The measuring instruments, protective equipments, the insulating medium everything is installed in 1 single area thereby making the GIS substation occupy very less space.

We were also taken to the control room where the entire substation operation can be controlled using the Data Acquisition system. We were showed the single line diagram (SLD) in the monitor screen and we were also explained on how the real time operation and control was possible.

We also got a chance to visit the HT and the LT side control panels where we can operate manually as well, apart from the automatic control using SCADA. We also saw the battery room, which consisted of a huge number of DC batteries which are used a backup.

Summing up the entire tour, we got a clear picture on what is a 400kV GIS substation, how it operates and how it is effective from AIS substations. With the help and guidance of the entire team, we gained a lot of useful information, The main information and knowledge obtained from the visit are:

Major differences between AIS and GIS substations

	GIS	AIS
Construction	Uses Sulphur Hexafluoride for insulation. Use fixed, mounted circuit breakers.	Uses Air insulation in a metal system. Uses three-position draw out circuit breakers.
Installation	Installation is faster.	Installation takes time.
Operation	Significantly easier to care and operate.	Operation in AIS is tedious since they have lot of manual operations.
Maintenance	GIS requires less maintenance, inspection needs to be done only once in every 4-5 years.	AIS takes more maintenance, inspection should be done every two years.
Total Cost	Cost is more compared to GIS	Cost is less than AIS

Glimpse of the Industrial Visit

