



**SIR M.VISVESVARAYA INSTITUTE OF TECHNOLOGY**  
**Bengaluru-562157**

**Department of Electrical and Electronics Engineering**

**INDEX SHEET FOR CRITERIA 1.2.1**

<b>Sl. No.</b>	<b>Name of SDP/Add on Program /Nptel/Swayam</b>	<b>Date (From-to)</b>	<b>Number of students enrolled for the Course</b>
1	One Week Online Short Term Training Program On "MATLAB for All"	08 <sup>th</sup> -12 <sup>th</sup> June, 2020	20

*v.m.p.s.j.*

CRITERIA COORDINATOR

*[Signature]*

HOD

PROF. & HEAD  
DEPT. OF ELECTRICAL ENGR.  
SIR M. VISVESVARAYA INSTITUTE OF TECHNOLOGY  
Maddurayanagar, Hunasur  
Bengaluru-562157

Bengaluru,  
02.06.2020.

FROM

Dr. Sivapriyan .R,  
Associate professor, Dept. of EEE,  
Sir M.VIT, Bengaluru.

TO

The Principal,  
Sir MVIT, Bengaluru.

Through

The HOD, Dept. of EEE,  
Sir MVIT, Bengaluru.

Respected Sir,

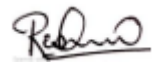
**Sub: Seeking permission for organizing one week Students training program-Reg**

The Dept. of EEE of Sir MVIT, would like to organize a One week short term training program through online mode from 04.06.2020 Thursday to 08.06.2020 Monday. The topic will be “MATLAB for all” which will be covering all the fundamentals of MATLAB software and its applications in Control Engineering.

We humbly request you sir to permit for the same and do the needful.

Thanking you.

Yours Sincerely,



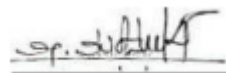
(Dr. Sivapriyan. R)

Forwarded for kind approval

Approved by



PROF. & HEAD  
DEPT. OF ELECTRICAL ENGR.  
VISVESVARAYA INSTITUTE OF TECHNOLOGY  
WISHPADDEVARAYANAGER, HUNASIGODA  
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PRINCIPAL  
SIR M. VISVESVARAYA INSTITUTE OF TECHNOLOGY  
WISHPADDEVARAYANAGER, HUNASIGODA  
INTERNATIONAL AIRPORT ROAD, BANGALORE-562 157

**DEPARTMENT OF  
ELECTRICAL AND ELECTRONICS ENGINEERING**



**ONE WEEK ONLINE  
SHORT TIME TRAINING  
PROGRAM ON  
MATLAB FOR ALL**

**04.06.2020 to 08.06.2020**

**Dr. V.R. Manjunath, Principal**

**Convener : Dr. H.L. Suresh, Professor & HoD**

**Coordinator : R. Sivapriyan, Associate Professor**

**Co-coordinators : R. Kumaraswamy, Nitin Kumar Reddy,  
C. Bhaskar, Assistant Professor**



**SIR M. VISVESVARAYA INSTITUTE OF TECHNOLOGY**

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## **PROGRAM HIGHLIGHTS:**

- **CERTIFICATION FROM MATLAB (MathWorks Training Services) ON COMPLETION OF MATLAB ON RAMP**
- **COURSE COMPLETION CERTIFICATE (from Department of EEE, Sir MVIT – Bangalore) ON COMPLETION OF PRACTISING OF MATLAB-PRIMER**
- **FACULTIES WILL GET FDP CERTIFICATE**
- **STUDENTS WILL GET SDP CERTIFICATE**
- **NO REGISTRATION FEE**
- **FLEXIBLE TIMING ( need to spend at least one hour / day)**
- **SELF-PACED LEARNING (can complete in short-time)**
- **NO NEED OF INSTALLING MATLAB**
- **DAILY THE SESSION VIDEOS WILL BE UPLOADED IN YOUTUBE**
- **DAILY PROGRESS FOLLOWUP**
- **DOUBT CLEARING SESSION**
- **FREE E-MATERIALS FOR FURTHER STUDIES**

### **Registration link:**

[https://docs.google.com/forms/d/e/1FAIpQLSfuWuwVScUN5KBqE58vxU0GsBZQ2\\_5F8ofF4waWgXFhbU0HeQ/viewform](https://docs.google.com/forms/d/e/1FAIpQLSfuWuwVScUN5KBqE58vxU0GsBZQ2_5F8ofF4waWgXFhbU0HeQ/viewform)

### **Telegram group link:**

[https://t.me/MATLAB\\_STTP](https://t.me/MATLAB_STTP)

**Install telegram app in mobile/desktop/laptop, then join in the above group.**

## MATLAB for ALL – Five Day Short Time Training Program (SDP/FDP)



Department of Electrical and Electronics Engineering,  
Sir MVIT – Bangalore



### Program Schedule

Day	Topic	Resource Person	Task to be completed
Day – 1	Matlab Onramp	R. Sivapriyan	Matlab Onramp – 30%
Day – 2	Matlab Onramp	R. Sivapriyan	Matlab Onramp – 100%
Day – 3	Machine Learning Onramp	Dr. R. Subha	Machine Learning Onramp – 60%
Day – 4	Machine Learning Onramp Deep Learning Onramp	Dr. R. Subha Dr. Nayana B.R	Machine Learning Onramp – 100% Deep Learning Onramp – 40%
Day – 5	Deep Learning Onramp	Dr. Nayana B.R	Deep Learning Onramp – 100%

R. Sivapriyan, Associate Professor - EEE –  
Sir MVIT - Bangalore

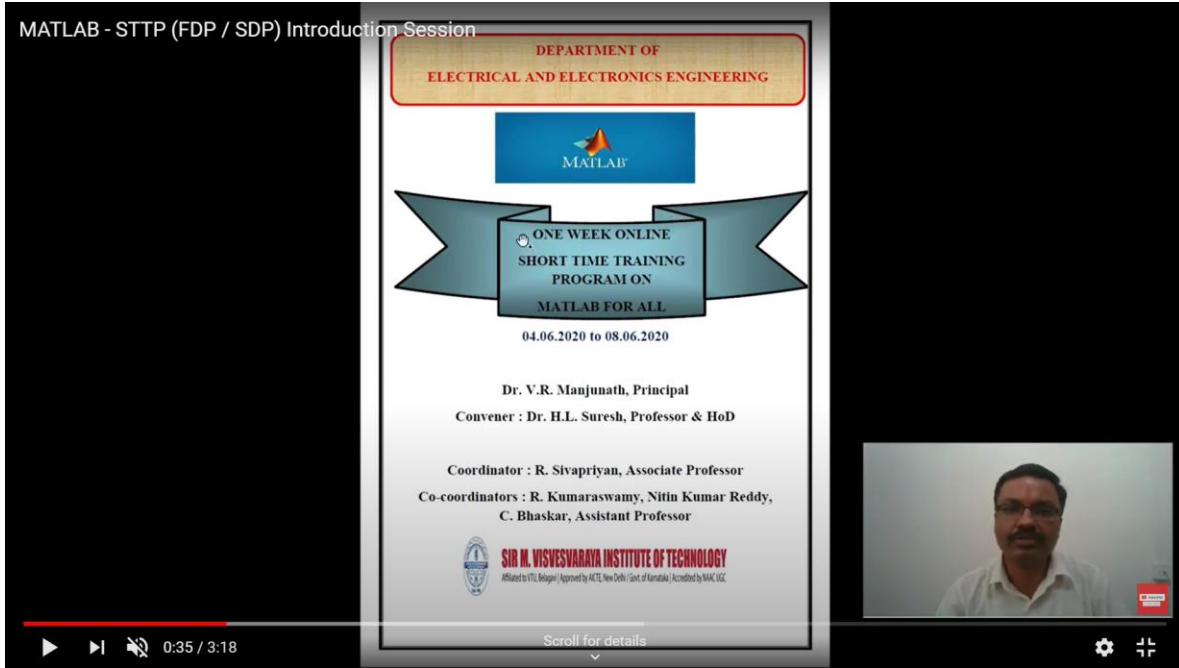
#### Note:

- There will be no tracking of attendance
- It's a self-paced training program
- Session videos will be uploaded in frequent interval in YouTube
- Spend at least 90 minutes to practice
- On submission of progress report with at least 60%, the participants will receive the FDP / SDP completion certificate without grade (minimum 60% progress is required in at least one course out of three course)
- On completion of all three course, the participant will receive the grade of S+
- On completion of any two course, the participant will receive the grade of A+
- On completion of any one course, the participant will receive the grade of B+

Last date to submit the progress report received from the MathWorks will be 15.06.2020  
(The submission link will be enabled by 08.06.2020 and disabled by 15.06.2020)

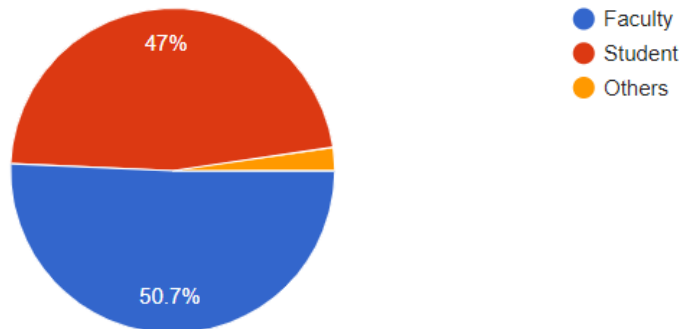
**\*\*\*HAPPY LEARNING\*\*\***

MATLAB - STTP (FDP / SDP) Introduction Session

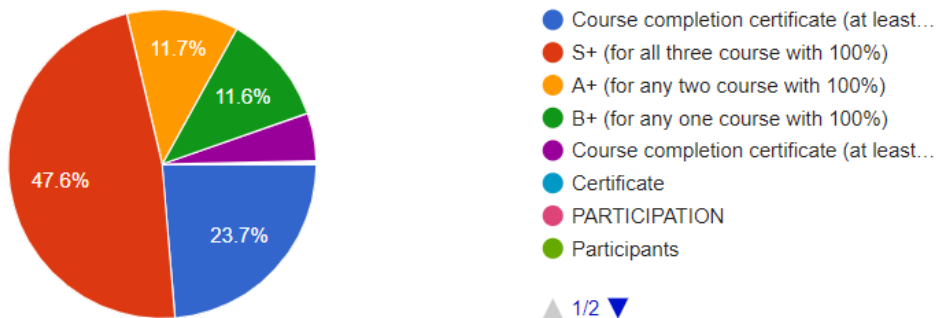


Category of registration

5,413 responses



Measured Program outcome





**Sri Krishnadevaraya Educational Trust**  
**Sir M. Visvesvaraya Institute of Technology, Bengaluru-562 157**

**Department of Electrical and Electronics Engineering**

**AY: 2020-21**

Sl. No	USN	STUDENT NAME	Enrolled for SDP/Course/ /Nptel Swayam etc	Date( from and to)
1	1MV18EE100	SUBHAM AGRAWAL	One Week Online Short Term Training Program On "MATLAB for All"	08 <sup>th</sup> -12 <sup>th</sup> June, 2020.
2	1MV18EE103	SUMIT KUMAR SINGH		
3	1MV18EE104	SUSHMITHA S V		
4	1MV18EE091	SANTOSH JAN THE		
5	1MV18EE092	SATYAM		
6	1MV18EE043	K MOHAN KUMAR		
7	1MV18EE040	ISHWAR PRAKASH JOSHI		
8	1MV18EE070	PRIYANGSHU DAS		
9	1MV18EE098	SOUMYA GUPTA		
10	1MV18EE099	SPARSH GAURAV		
11	1MV18EE059	NAWIN SIDDHARTH R		
12	1MV18EE031	BHAVANA M S		
13	1MV18EE035	HARSH GATUAM		
14	1MV18EE038	HEMNANTH KUMAR P C		
15	1MV18EE056	NAGARJUN T S		
16	1MV18EE044	KESHAVA MURTHY B R		
17	1MV18EE042	K GAGANENDRA		
18	1MV18EE048	LAL AHMED		
19	1MV18EE051	MEGHA S V		
20	1MV18EE053	MOHIT KUMAR		

(Dr.Sivapriyan)  
Coordinator- STP

PROF. & HEAD  
DEPT. OF ELECTRICAL ENGG.  
VISVESVARAYA INSTITUTE OF TECHNOLOGY  
Krishnadevarayanagar, Hunasikote  
Bengaluru-562 157



# **SIR M. VISVESVARAYA INSTITUTE OF TECHNOLOGY**

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Off International Airport Road, Bengaluru – 562 157

## **Department of Electrical and Electronics Engineering**

### **CERTIFICATE OF PARTICIPATION**

*This is to certify that Mr. Shubham Agarwal (USN: 1MV 18EE 100) of EEE department of Sir MVIT has participated in the One Week Online Short Term Training Program On “MATLAB for All” organized by the Department of Electrical and Electronics Engineering of Sir M. Visvesvaraya Institute of Technology, Bangalore from 08<sup>th</sup> -12<sup>th</sup> June, 2020.*

**Dr. R.SIVAPRIYAN**

**(Associate Professor)**

**Dept. of EEE, Sir M.VIT**

**Dr. SURESH H L**

**Prof & Head/Dept. of EEE**

**Dept. of EEE, Sir M.VIT**

**Dr. V.R.MANJUNATH**

**Principal**

**Sir M.VIT**





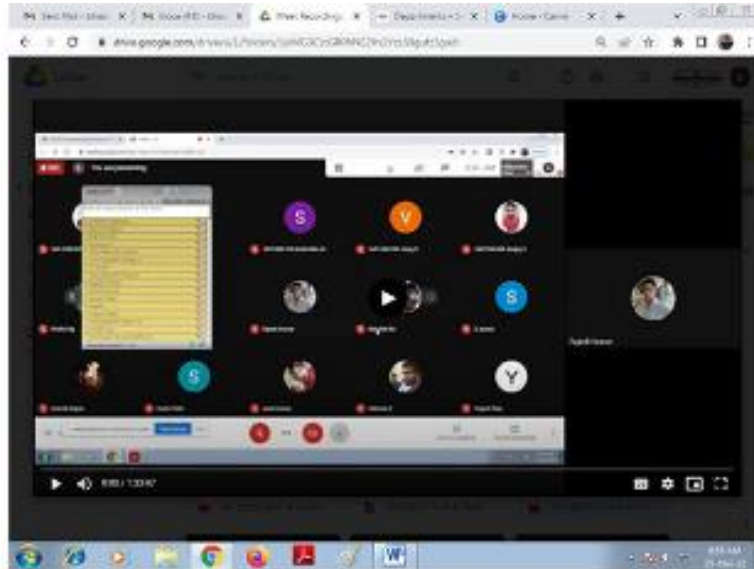
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**Department of Electrical and Electronics Engineering**

**A Report On**  
**One Week Online Short Term Training Program On**  
**“MATLAB for All”**  
**08.06.2020- 12.06.2020**

**FINAL REPORT ABOUT THE PROGRAMME**

The department of Electrical and Electronics Engineering of Sir M.VIT was organized a One Week Online Short Term Training Program On “MATLAB” during 08.06.2020 to 12.06.2020. About 20 participants were registered for the workshop from EEE department. The Programme was inaugurated by Dr H L Suresh, HOD of EEE Dept. of Sir MVIT. He had explained about the recent trends in the aviation sector and the usefulness of MATLAB Tool box in Control research. Also he have insisted for the inclusion of real time testing Mechanisms in the curriculum for the easier understanding of the course. There were totally five sessions were arranged on these one week program excluding the Inaugural part. Speakers were selected such that they are having enough knowledge and presentation skills in the domain considered. Separate sessions were assigned for discussions and analysis. Where ever possible real time demo was arranged. Last session demo about the Simulink module for motor speed control for industrial applications gives the students a real time exposure about the Hardware systems.





Dr Sivapriyan had given a presentation about the R&D activities using MATLAB and he had insisted for the collaboration of the various colleges to work on FPGA systems. Also she had invited the interested students to join with IISc working team to learn and practice with the DSP design tools. Since major portion of the participants are from entry level to their career, the presentations were very fundamental and at the same time higher quality was maintained. The students were really enthusiastic and willing to learn taken the opportunity to meet the demands of the industry. The following schedule was implemented for the entire Programme.

All the presentation materials were given to the participants in the form of CD. Feedback being collected from the participants and they have shared their views and expectations during the valedictory ceremony. As the continuous process of this workshop it was decided to conduct one national conference on MATLAB systems in the month of January,2022.Also the final year EEE students who are having no idea about the DSP, till then were motivated to do the project on the various problems which can be solved by DSP design. In this manner the core objective of the Programme was achieved to certain extend.

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