



### Faculty Of Engineering Department of Electronics & Communication Engineering

### REPORT ON DEPARTMENT EVENTS

Academic year & Semester	2018-19, Even Semester		
Name of the Department	Electronics and Communication Engineering		
PoC Faculty Member for	Prof. Vivek		
clarifications			
(write email ID & mobile number			
for contact)			
	Details of the Event		
Name of Event	Workshop on Matlab Day		
Description of the Event	Workshop		
(seminar/workshop/guest			
lecture/hands on			
practice/Industrial Visit)			
Address & contact details of	Organized by ECE department.		
Resource Persons/Speakers if any			
(provide email ID & mobile number			
of all the speakers)			
No. of Days event held	One		
Date(s) and Duration	Date: 07 Jan 2018 9 Time: 9:00 am to 4:00 pm		
Any amount spent for the event?	Yes. Institutional Level.		
Details of	participants attended the event		
Number of guests from outside	Institutional Level		
university			
Students & faculty members from	150		
the department			
Students & faculty members from	Nil		
Faculty of Engineering (other			
depts.)			
Total Participants	150		
Is Attendance list enclosed? If no,	Mandatory for ECE department Students.		
specify the reason	•		

Prepared by

Department Communication Engineering

Approved by



## DEPARTMENT OF ECE FACULTY OF ENGINEERING





### You are cordially invited

# For One day Workshop On MATLAB DAY

### Speaker Mr. Naini Dawar

Customer Success Engineer, MathWorks, Bengaluru.

# Organized by Department of Electronics & Communication Engineering

Date: 07 Jan 2019, Monday Time: 09 A.M. – 3.30 P.M.

Venue: Room No 226, Block II (For Circuit Branches)

Room No 217, Block II (For Non Circuit Branches)









Dept. of Electronics and Communication Engineering Faculty of Engineering, Kengeri Campus

#### MATLAB Day Organized on JAN 7,2019

This will be a hands-on session to provide an experience about the new capabilities of MATLAB and Simulink in the past few releases. The new features in MATLAB include an **Interactive Live Editor**, **App Designer**, **data acquisition from mobile devices** and capabilities for **Data Analytics**, **Machine Learning** and **Deep Learning**. The new features in Simulink include the connectivity with hardware like **Raspberry Pi**, **Arduino**, **LEGO MINDSTORM** and **Android and iOS devices**.

#### **AGENDA & VENUE**

#### ECE, EEE& CSE (Room No 226)

- Introduction to new features in MATLAB and Simulink: Live Editor, App Designing
- Capabilities for Data Analytics, Machine Learning and Deep Learning.
- Physical Modeling using Simscape.
- MATLAB and Simulink for hardware integration: Raspberry Pi, Arduino, Mobile Apps using support package for Android devices
- Resources available for Academia

#### **Pre-requisites for the session:**

- 1. Complete the complimentary MATLAB and SIMULINK Onramp 2-hour each online training before coming to the session. Sign up at:
  - https://matlabacademy.mathworks.com/
- 2. Bring your iOS or Android device with MATLAB Mobile app installed

#### Mechanical and Civil Engineering (Room no 217)

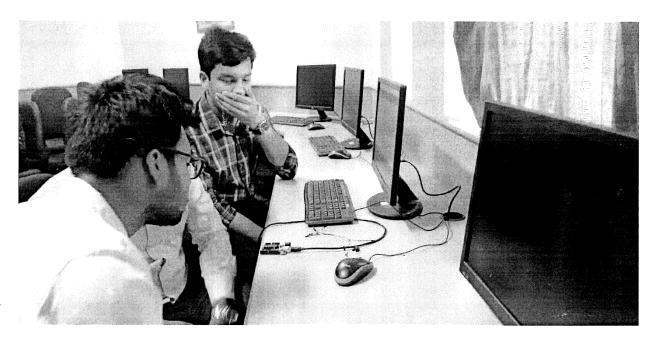
- Introduction to MATLAB and Simulink
- Power of visualization and its application in shear force and bending moment diagrams.
- Power of model-based design and application in robotics and thermodynamics
- Resources available for Academia

#### **Pre-requisites for the session:**

- Complete the complimentary MATLAB and SIMULINK Onramp 2-hour each online training before coming to the session. Sign up at: <a href="https://matlabacademy.mathworks.com/">https://matlabacademy.mathworks.com/</a>
- 2. Bring your iOS or Android device with MATLAB Mobile app installed







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#### Workshop- MATLAB Day

Date: 07 Jan 2019

#### **Attendance List**

SL No	Register Number	Name	Signature
1	1660114	SOWMYA SREENIVASAN	come.
2	1660370	RUDRAKSH MISHRA	Pub.
3	1660486	R ARJUN	Atmi
4	1660601	AJAY RAMAKRISHNA MENON	Storper
5	1660603	BRAHM DEV TIWARI	BRU
6	1660606	ISAC S KULAKUDY	Deven
7	1660607	K ABISHEK CHANDRAN	
8	1660608	K KARTHIK	Kernly
9	1660610	LOURDHU AKHIL KANNA	el
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11	1660612	MANIK RAJ	chine bolo
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13	1660614	MINTO MATHEW K J	
14	1660615	PRITHVI RAJ MACHA	Ville
15	1660617	REEVE IGNATIUS SAVIO LOBO	Su
16	1660621	STEVE STEPHEN PONISAKE	Seo
17	1660622	ANGELA ANISHA	Aut
18	1660623	ANJANA K S	- 14.18.5.
19	1660624	CLARINE RENIE DELILAH J	Jan Marine
20	1660625	JUSTEENA THOMAS	Elubtro.
21	1660627	NIKITA NAYAR	Vitar
22	1660629	POOJITHA.M	COSK
23	1660632	ROSE ANTONY	- Kur
24	1660633	RUTH SANDRA H	Rules.
25	1660634	Y.CHAITRI GOVARDHANA RAO	(). (e) (b) (b)
26	1660636	KARTHIK E	Utother
27	1660637	ROSHIN CHERIAN	- Chij
28	1660640	FARHEEN ZUBAIR	100/10
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48	1760601	ABIN CHALSON	Othe
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58	1760615	MOPURI AKHIL KUMAR REDDDY	- March
59	1760618	RAKUL A V	Dave
60	1760622	ANAKHA ELIZABATH GEORGE	
61	1760623	ANITA JOSE	Anda
62	1760625	KELLY MARTIN	
63	1760627	ROSE RAJAN	Park
64	1760628	SAI RAKSHITHA	
65	1760630	SWETHA SUNITH	Sustaines
66	1760631	G R BHARATH	
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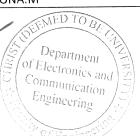






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88	1760660	JAYAM LIKITHA	JL
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99	1760629	SUMI SEKHAR	
100	1760650	AKHIL BENNY	Burkley
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102	1760673	ANTHAPU UMA DEVI	CWPani
103	1760617	POLAMARASETTY SUSHMANTH	
104	1760620	SHASHANK RAWAT	(Lanti
105	1660601	AJAY RAMAKRISHNA MENON	Adult En.
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109	1560365	DEEPANNITA DUTTA	EDD:
110	1560391	MOURYA GUPTA VAKACHARLA	
111	1560443	SHREY H SHAH	
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113	1560505	CHILUKURI VISHAL REDDY	
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136	1560550	SHREYA JAYACHANDRAN NAIR	Comple
137	1560551	PASUPULETI KAILASH RAM	Col.
138	1560552	REENA D	Lami
139	1560553	ASHLY MATHEW P	Deputy .
140	1560557	ADITHYA NAGA SAI TIRUMANISETTI	S
141	1560559	SAYANTAN SAHA	86-
142	1560560	SHAIVI SAHAY	Seme
143	1560563	ABHIJIT CHAKRABORTY	In double
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147	1560711	RAVEENA JOKIM CRASTHA	1 Lac
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#### About the speaker



#### Customer Success Engineer,

#### Mathworks

Technical Evangelist | Model-Based Design | Education Customer Success | Automotive Electronics | Vehicle Electrification | MathWorks

Experienced Technical Evangelist with a demonstrated experience in driving Model-Based Design adoption in Industry and Academia.

Received the MathWorks Customer Success Engineer for the year 2019 award in the APAC region.

Skilled in ensuring Customer Success by providing Post/Pre-Sales support while working in collaboration with Sales, Marketing, Product Development, and Application Engineering groups.

Strong engineering professional with experience in Model-Based System Engineering in Automotive Organisation with a Master's Degree (Gold Medalist) focused in Electrical, Electronics and Communications Engineering.

Responsible for driving adoption and addressing the challenges in Education and Research using MATLAB and Simu

Ensure customer success by working with the Sales/ Account Managers to develop Technical Engagement Plans and associated activities by following-up with the customer.

Increase awareness by preparing and delivering presentations and demonstrations.

Eabling Project-Based Learning by supporting the integration of products into hardware projects.

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