

Ref.No. CEA/E&TC/2018/ 887(A)

Date:- 23/03/2018

To,
Mr. Dhananjay Bangar ,
Technical Lead,
E-infochip An Arrow Company,
Magar patta ,
Pune.

Subject: Request for delivering Expert lecture on topic "Model Based Development in Automotive Industries" dated 28th March 2018.

Dear Sir,

It gives us immense pleasure to state that the Department of Electronics & Telecommunication Engineering of our institute organizes an Expert lecture for students.

As per discussion with Prof.J.P.Botkar, Assistant Professor, Department of Electronics & Telecommunication Engineering, We would like to invite you to deliver Expert lecture on topic "Model Based Development in Automotive Industries" dated 28th March 2018 at 1:00 pm

Kindly accept our invitation to deliver lecture and give your consent.

Thanking you.

Yours sincerely,



PRINCIPAL
Dr. Vithalrao Vikhe Patil
College of Engineering
Ahmednagar



(Dr. J. Jayakumar)
Principal

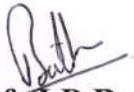


Notice

Date: 25/03/2018

All the S.E, T.E, B.E. students are hereby informed that Electronics and Telecommunication Engineering Department is arranging expert lecture on on "Model Based Development in Automotive Industries" delivered by Mr. Dhananjay Bangar , Technical Lead, E-infochip An Arrow Company, Magarpatta puneon 28 /03/ 2018 Wednesday at 1:00 pm.

All the students should present for expert lecture.



Prof. J.P. Botkar

Event Incharge



Dr. Anita K. Patil

H O D



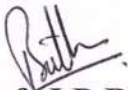
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College of Engineering



Electronics and Telecommunication Engineering Department

Report of Expert lecture

Topic	Model Based Development in Automotive Industries
Date:	28 th March 2018
Speaker	Mr. Dhananjay Bangar , Technical Lead
Industry:	E-infochip An Arrow Company, Magar patta pune
Time	1:00 pm – 2:00 pm
No. of Participants	62
Venue	E&TC Department (Class room ETC 13)
Event In charge	Prof. J.P.Botkar
Topics Covered	1. An overview of MATLAB and Simulink 2. Demand of MATLAB in automotive market 3. Getting the fundamental knowledge and Basics of MAT LAB 4. Job Opportunities related with MATLAB and Simulink
objective	To introduce model based automotive design through MATLAB & Simulink


Prof. J.P.Botkar

Event Incharge


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College of Engineering
Mumadnagar




Dr. Anita K. Patil

H O D

Photographs of the event



Expert lecture given by Mr. Dhananjay Bangar

Course Outcomes

CO1: Students will get the knowledge about MATLAB and demand in Automotive market

CO2: Student will be able to know the Job Opportunities related with MATLAB and Simulink

CO-PO Mapping

CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
CO1	3				3							2
CO2	3				3							2

CO-PSO Mapping

CO	PSO1	PSO2	PSO3
CO1			3
CO2			3


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Model Based Development in Automotive Industries

Contents

1. overview of MATLAB and Simulink

- **Introduction to MATLAB**
- **Creating Variables**
- **Some Useful MATLAB Functions**
- **Data Types**
- **Acquaintance with MATLAB software and Simulink**
- **Analyzing different blocks in the Simulink and introducing them**
- **Relationship between MATLAB and Simulink**

2. Demand of MATLAB in automotive market

- **Run simulations to evaluate trade-offs and optimize designs**
- **Develop and test perception, planning, and control algorithms**
- **Validate requirements early through rapid prototyping**
- **Generate code for prototyping or production, in floating or fixed-point, for MCUs, GPUs, SoCs and FPGA devices**
- **Analyze test fleet and production vehicle data**
- **Comply with AUTOSAR and ISO 26262 standards**


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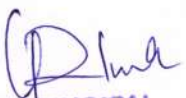
3. Basics of MAT LAB

➤ Working with the MATLAB User Interface

- Reading data from files
- Saving and loading variables
- Plotting data
- Customizing plots
- Exporting graphics for use in other applications

➤ Variables and Commands

- Entering commands
- Creating numeric and character variables
- Making and annotating plots
- Getting help
- Creating and running live scripts


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Date: 28/03/2018

Attendance Report

Class: TE & BE students & SE

Time: 10.30am to 12.30pm

Sr No.	Name of the student	Class	Sign
1	Kolhe Gokul B.	BE	<i>Kolhe</i>
2	Ghogare Vaibhav K.	BE	<i>Ghogare</i>
3	Saundar Dixit Shivaji	BE	<i>Saundar</i>
4	Shaikh Asif N.	BE	<i>Asif</i>
5	Shaikh Mohammad Nawaz	BE	<i>Nawaz</i>
6	Saglain Kazi	BE	<i>Saglain</i>
7	Wahatule Ashwini S.	BE	<i>Ashwini</i>
8	Kunjala P. Shab	BE	<i>Kunjala</i>
9	Dhawal Amrutar	BE	<i>Dhawal</i>
10	Kulkarni. Vaishnavi S.	BE	<i>Kulkarni</i>
11	Deore Vishakha V.	B.E	<i>Vishakha</i>
12	Biswas Suprita N.	B.E	<i>Suprita</i>
13	Bhor Kiran S	BE	<i>Kiran</i>
14	Darandale Bhakti K	BE	<i>Bhakti</i>
15	Gunjkar Pratiksha D.	TE	<i>Pratiksha</i>
16	Kanjulk Nikita J	BE	<i>Nikita</i>
17	Andhale Shital R	BE	<i>Shital</i>
18	Shaikh Tehasin C	TE	<i>Tehasin</i>
19	Pawar Shital K	BE	<i>Shital</i>
Event in charge			<i>H.O.D.</i>



[Signature]
PRINCIPAL
Dr. Vithalrao Vikhe Patil
College of Engineering
Ahmednagar

Date: 28/03/2018

Attendance Report

Class: TE & BE students

Time: 10.30am to 12.30pm

Sr No.	Name of the student	Class	Sign
20	Sable Komal S	BE	Komal
21	Modhane Madhuri N.	BE	Madhuri N.
22	Madake Komal B.	BE	Komal
23	Dhepe Nikita B.	BE	Dhepe
24	More Namarata B.	BE	More
25	Munot Neha D.	BE	Munot
SE students			
1)	Wakchaure Ashwini	SE	Ashwini
2)	Thorat Nisha	SE	Nisha Thorat
3)	Waghmare Pragati	SE	Pragati
4)	Pathak Aishwarya	SE	Pathak
5)	Ashad Shital	S.E	Ashad S.
6)	Gaikwad Dipali Purni	S.E	Dipali
7)	Waghmare Pournima S.	SE	P. Waghmare
8)	Sase Pallavi G.	SE	Pallavi
9)	Potghar Vaishali B.	SE	Vaishali
10)	Rokade N. N.	SE	Rokade
11)	Khatekar Sagar	S.E	Sagar
12)	Shrikant Mule	S.E	Mule
13)	Ganesh Akash H	SE	Ganesh
14)	Gadhe Shubham B.	S.E	Gadhe

Event In charge

H.O.D.



Principal

Dr. Vithalrao Vikhe Patil
College of Engineering
Ahmednagar

Date: 28/03/2018

Attendance Report

Class: TE & BE students

Time: 10.30am to 12.30pm

Sr No.	Name of the student	Class	Sign
	T. E		
1)	Shaikh Farahan R	T.E	@ikh
2)	Shinde Nikhil R	T.E	Nikhil
3)	Pongore Vikas	T.E	Vikas
4)	Bhajer Bhushan. Y	TE	Bhajer
5)	Rameshwar Khandasle	TE	R.K.
6)	Katore Rahul. K	TE	R.K. Katore
7	Nair Mahesh. R	T.E	Mahesh
8	Amol Pawar	TE	Amol
9.	Saddam Mansuri	T.E	Sadamy
10.	Borade Pramod R	T.E	Borade
11.	Nair Akash	T.E	Akash
12	Dahare Mahendra	T.E.	Dahare
13.	Borlikar Vikas V.	T.E	V.V. Borlikar
14.	Khandare Akshay	TE	Akshay
15	Shinde Ashish. Raju	TE	Ashish
16	Trimbikey Prashant Malhikar	TE	Prashant
17	Shrikhande Ravina R.	TE	Ravi

Event in charge

H.O.D.



Dr. Vithalrao Vikhe Patil
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Ahmednagar

Attendance Report

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Time: 10.30am to 12.30pm

Sr No.	Name of the student	Class	Sign
1	Sudrik Sakanya G.	BE	<i>Sudrik</i>
2	Borkar Anagha R.	TE	<i>Anagha</i>
3	Chittawan shivani R.	TE	<i>Chittawan</i>
4	Uhanwat Poonam Chaudhary.	TE	<i>Poonam</i>
5	Raskar Rupali A	TE	<i>Rupali</i>
6	Hingamire Shiranjali	TE	<i>Shiranjali</i>
7	Manisha Shinde	BE	<i>Manisha</i>
8	Wagh Rupali D.	SE	<i>Rupali</i>
9	Gholap Priyanka R.	SE	<i>Gholap</i>
10	Palve Pratiksha R.	SE	<i>Palve P.R.</i>
11	Patil Rutuja . P.	TE	<i>Rutuja</i>
12	Belhekar Suchitra M.	TE	<i>Suchitra</i>
13	Kulkarni Nikita M.	TE	<i>Nikita</i>
14	Mulay Akshay R.	BE	<i>Akshay</i>
15	Mule Akash B.	BE	<i>Akash</i>
16	Kakade Rahul A	BE	<i>Rahul</i>
17	Shinde Nitin B	BE	<i>Nitin</i>
18	Kasur Shubham R.	BE	<i>Shubham</i>
19	Jagtap Yogesh B.	BE	<i>Yogesh</i>
Event in charge		H.O.D.	



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DR. VITHALRAO VIKHE PATIL FOUNDATION'S

Dr. Vithalrao Vihare Patil College of Engineering, Chhindwaga
Affiliated to SPPU, Pune (ID No. PU/AN/Engg/0376/1983)
Department of Electronics & Telecommunication

Expert Lecture: Model-based Development in Automotive Industries



Attendance Report

Time: 10.30am to 12.30pm

Event In charge

H.O.D



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Dr. Vitthalrao Vikhe Patil
College of Engineering
Ahmednagar

At & Post. - M.I.D.C.,
Vadgaon Gupta, (Vilad Ghat)
Ahmednagar - 414 111 (M.S.) INDIA

Phone :- 0241-2777296 / 2779496
E-mail :- principal@enggnagar.com
Website:- <http://www.enggnagar.com>

Feedback Form

Date: 28/03/2018

Topic of Expert Lecture: Expert lecture on "Model Based Development in Automotive Industries"

Name of Expert:

Mr. Dhananjay Bangar Technical Lead, E-Info Chip-Aarrow company, Magarpatta, Pune

Q.1 How would you rate the topic of expert lecture ?

Average ☐ Good ☐ Excellent ☒ Outstanding ☐

Q.2 How was the level of content ?

Average ☐ Good ☐ Excellent ☒ Outstanding ☐

Q.3 How would you rate the knowledge of Resource person ?

Average ☐ Good ☐ Excellent ☐ Outstanding ☒

Q.4 How did you like the subject material?

Average ☐ Good ☐ Excellent ☐ Outstanding ☒

Q.5 Will lecture be useful for your studies?

Average ☐ Good ☐ Excellent ☐ Outstanding ☒

Q.6 How did you rate the lecture overall?

Average ☐ Good ☐ Excellent ☒ Outstanding ☐

Q.7 Remark

Q.8 Suggestions if any?


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Feedback Form

Date: 28/03/2018

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Average ☐ Good ☐ Excellent ☐ Outstanding ☒

Q.6 How did you rate the lecture overall?

Average ☐ Good ☐ Excellent ☐ Outstanding ☒

Q.7 Remark

➤ Dhananjay sir is our alumni and we are very happy to hear him

➤ Brilliant session

Q.8 Suggestions if any?


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Dr. Vithalrao Vikhe Patil
College of Engineering
Ahmednagar



Ref. No. CEA/E&TC/2018/ 925(A)

Date:- 28/03/2018

LETTER OF THANKS

Dear Sir,

On behalf of Dr. Vithalrao Vikhe Patil College of Engineering, Ahmednagar, we take this opportunity to extend our heartfelt gratitude & huge "Thank you" for delivering expert lecture on "Model Based Development in Automotive Industries" for Electronics & Telecommunication Engineering students on 28th March 2018 at 1:00 pm

Let us maintain and cherish these relations for mutual benefit hence and forever.

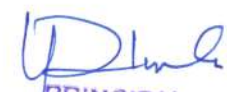
We shall remain obliged for sparing valuable time with us.


(Dr. Ms. A.K. Patil)
HOD, E&TC


(Dr. J. Jayakumar)
Principal

To,
Mr. Dhananjay Bangar ,
Technical Lead,
E-infochip An Arrow Company,
Magar patta , Pune




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