

18th Jan 2018,
Warangal.

To
The Principal,
Vaagdevi College of Engineering,
Bollikunta, Warangal-506003.

Through Proper Channel

Subject: Proposal for conducting a One week Training program on "MATLAB and its applications" Reg.,

Respected Sir,

I Mr.P. Purnachandar Rao of EEE department along with Mr.B.Nagaraju planning to conduct a workshop on "MATLAB and its applications" for B.Tech IV year students from Academia. The main objective of this programme is to create awareness on basic concepts related to MATLAB Programming and SIMULINK implementation will be covered Special Emphasis will be given to advanced concepts related to Electrical Engineering. The tentative dates of conducting this program are 12/02/2018 to 16/02/2018. In this regard, please grant the permission and provide the necessary facilities for successful conduction of this programme.

Thank you sir

Forwarded &
Recommended to
Principal


Permitted


Sincerely,



Mr.P. Purnachandar Rao
Associate Professor,
EEE Department, VCE



Mr.B.Nagaraju
Assistant Professor,
EEE Department, VCE

ABOUT THE COURSE

Advancements in Electrical Engineering invariably lead to the development of advanced systems in all the subdomains of the subject area with additional complexity and more precision. As an Electrical Graduate Student, one must have the sound knowledge on the development and validation of these advanced systems in digital simulation. The primary objective of digital simulations is the ability to provide users with practical feedback when designing real world systems. This allows the designer to determine the correctness and efficiency of a design before the system is actually designed. Consequently, the user may explore the merits of alternative designs without actually physically building the systems. By investigating the effects of specific design decisions during the design phase rather than the construction phase, the overall cost of building the system diminishes significantly.

MATLAB® stands for Matrix Laboratory. It was launched by MathWorks Inc. as simple matrix solver back in 1984. Over the years, it has evolved into a complete & most desired software for performing simulations of all sort. It is a general-purpose numerical computations software used for performing symbolic and numerical calculations. It is equipped with various toolboxes that can be helpful for specific tasks. Simulink is a sister software of MATLAB. Simulink provides GUI (Graphical User Interface) based modelling environment, in which one can drag & drop elements from various libraries to build a model. The model can be analyzed using different tools.

To model & simulate electrical power systems, Sim Power Systems tool provides various libraries and analysis tools for modelling and simulation of power systems. Various sub-libraries included in Sim Power Systems are three-phase machines, electric drives, FACTS (Flexible AC Transmission Systems) mode ls , Renewable Energy Systems , Power Electronics models, Power supplies and various active & passive components.

The main objective of this course is to provide the basic knowledge on design and implementation of various applications related to Electric Power Engineering in MATLAB/ SIMULINK environment.

Patrons

Sri C. Janga Reddy

Ex.MP-Chairman

Dr. Ch.Devender Reddy

Secretary & Correspondent

Sri. C. Satyapal Reddy

Joint Secretary

Prof. K.Prakash

Principal-Vaagdevi College of Engineering

Prof. P. Prasada Rao

Principal - Vaagdevi Engineering College

Prof. A. Chandramouli

Dean Student Academics & Industry Interactions

Convener

Mr. P.Sadanandam

Associate Professor & Head-E.E.E.

Coordinators

Mr. P.Purnachander

Associate Professor

Mr. B.Nagaraju

Associate Professor

Advisory Members

Dr. M. Sailaja Kumari, Professor, NIT Warangal

Dr. Y Chandrasekhar, Asst.Prof, NIT Warangal

Dr. M.Vishnu Prasad, Asst. Prof, VCE

Dr. S.Kayalvizhi, Asst. Prof, VCE

Dr.A.Sathish Kumar, Asst. Prof, VCE

Mr.T.Venugopal, Assoc. Prof,VCE

Mrs. Ch.Ushasri, Assoc. Prof, VCE

MrCh.Raju, Assit. Prof, VCE

**Training program on MATLAB
and its applications
During (12-02-2018 to 16-02-2018)**



Coordinators

Mr. P.Purnachander

Mr. B.Nagaraju

Convener

Mr. P. Sadanandam

Associate Professor & Head-E.E.E

Organized by

**Department of Electrical &
Electronics Engineering**

Accredited by NBA

**Vaagdevi College of Engineering
UGC Autonomous**

**Permanently Affiliated to JNTU Hyderabad
Approved By AICTE**

**An ISO 9001-2000 Certified Institution
Bollikunta, Warangal-T.S, INDIA- 506005**

ABOUT THE DEPARTMENT

The Department of Electrical & Electronics Engineering offers U.G and P.G programs. U.G program was established in the year 1998. Two P.G programs includes Power Electronics and Power Systems Control & Automation were established in 2004 and 2012 respectively. The UG program has been accredited by NBA in the years 2008 and 2017.

The Department comprises of 35 qualified and well experienced faculty. The research work in the department is vibrant with support of Prof. Prakash Kamisheti. The department is having 7 PhD holders and 8 are pursuing their PhDs from reputed institutes and having broad areas of expertise includes Artificial Intelligence, Meta Heuristic Techniques, Distribution Automation, Power System Deregulation, Micro Grid Control, and Application of Power Electronics to Power Quality Improvement, Power Converters and Adjustable Speed Drives.

Areas Covered in this Course

- Power Quality and Distributed Generation.
- Renewable Energy Systems.
- Adjustable Speed Drives.
- Modern Control Techniques for Power Converters.
- Application of Metaheuristic Techniques for Power Systems Optimization Problems.
- Machine Learning Applications to Power Systems and Power Electronics Applications.
- Optimal Power Flow Studies.
- Planning of Active Distribution Network.

Course Outcomes

Participants are able to

- Understand the significance of digital simulations in the implementation of advanced systems in Electrical Engineering.

- Gain the knowledge on various instruction sets and commands for programming in MATLAB environment.
- Gain the knowledge on various tools and components available in Simulink.
- Design the various electrical system applications in MATLAB/SIMULINK Environment.
- Implement and validate their ideas related to Electrical Engineering with the help of MATLAB/SIMULINK.

Course Highlights

- All the basic concepts related to MATLAB Programming and SIMULINK implementation will be covered.
- Special Emphasis will be given to advanced concepts related to Electrical Engineering.
- Individual system with preloaded MATLAB will be provided during laboratory sessions.
- Renowned resource persons from various specializations of Electrical Engineering covers the entire course.
- Relevant Materials will be provided at the end of the course.

Course Fee: 500.00Rs per Participant.

Course Kit: Certificate, 16 GB pen drive with softwares relevant to course.

Eligibility: Final Year B.Tech Electrical and Electronics Engineering and allied branch students from an AICTE Approved institute.

Contact Details

Mr. P.Purnachander
Assoc. Professor,

Email: Purnachander216@gmail.com

Registration Form

Training program on MATLAB and its applications applications
During (16-02-2018 to 21-02-2018)

Name

Branch

College

Mobile

Email

Amount Paid :

Signature of Student

Signature of Head of the Department




VAAGDEVI COLLEGE OF ENGINEERING
(UGC AUTONOMOUS)
BOLLIKUNTA, WARANGAL-506 005
DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

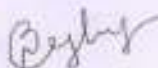
Date: 5th Feb 2018


CIRCULAR

All the interested B.Tech final year EEE students are informed to register for "Training program on MATLAB and its applications" which is to be held on from 12/02/2018 to 16/02/18. Interested students can give your names to coordinators and go through the brochure for fee details and schedule.

Coordinators

P. Purnachander 

B. Nagaraju 


Head of the Department

Vaagdevi College of Engineering

UGC, AUTONOMOUS

Bollikunta warangal

student list for work shop

A training program on MATLAB and its applications

(12-02-2018 to 16-02-2018)

(2017-2018)

SL.NO	ROLL.NO	STUDENT NAME	SL.NO	ROLL.NO	STUDENT NAME
1	14641A0201	BOTLA AMULYA	31	14641A0239	MOHAMMED JAVEED PASHA
2	14641A0203	NAGARABOINA SWATHI	32	14641A0240	MAHAMMAD KARIMULLA
3	14641A0204	MANUKA SHAILAJA	33	14641A0241	ETTE VARUN
4	14641A0206	MANDA PRAVALIKA	34	14641A0242	KATAKAM VAMSHI
5	14641A0208	PALLEBOINA SUDHEERKUMAR	35	14641A0244	DODDA SAI PUNNAMCHANDER
6	14641A0210	PULIPATI SHARATHCHANDRA	36	14641A0245	S.SANDEEP
7	14641A0211	BOMMAGANI RAHUL	37	14641A0247	DATHU SAHITHI PATEL
8	14641A0213	GANIPAKA PALLAVI	38	14641A0248	S.MADHURIMA
9	14641A0214	VENUKANTI LAVANYA	39	14641A0249	CHADDI SRILAXMI PRASANNA
10	14641A0215	GANGULA RAMYA	40	14641A0250	ANKAM SHRAVANI
11	14641A0216	CHERUKUPALLY BALA SUBRAMANYAM	41	14641A0252	MEKA MAHENDRA BALAJI
12	14641A0217	KUNOORU SOUMYA	42	14641A0253	P.SHIVA DEEPIKA
13	14641A0218	POTHURAJU SAIKUMAR	43	15645A0201	DHARAVATH RAVI
14	14641A0219	MACHARLA SHRUTHI	44	15645A0202	GARE SRIKANTH
15	14641A0220	MALOTH VIDYASAGAR NAIK	45	15645A0203	PULI PAVANKALYAN
16	14641A0221	KANDIKONDA HARI PRIYA	46	15645A0204	ALAMAKANTI AMANI
17	14641A0223	ERRAMUTYALA MOUNIKA	47	15645A0205	AKARAPU SAI SHIVA KRISHNA CHARY
18	14641A0224	MITTAKOLA VINAY PRASAD	48	15645A0206	MORE PRAVALIKA
19	14641A0225	AHMED AREEFUDDIN MOHAMMED	49	15645A0207	VEDULA SRINIVASA NAGA SURYA SAI NIKHIL
20	14641A0226	DARA MANIKANTA	50	15645A0208	AMMA NARMADA
21	14641A0227	SATLA ABHISHEK	51	15645A0209	PERAM MURALI KRISHNA
22	14641A0228	DURISHETTI SHRAVANI	52	15645A0210	MARUPATLA SRAVAN KUMAR
23	14641A0229	BOLLI RAVITEJA	53	15645A0211	KORE RAJANIKANTH
24	14641A0231	KASTALA RAJYALAKSHMI HIMABINDU	54	15645A0212	BANOTH VEERANNA
25	14641A0232	ITTABOINA TEJASWI	55	15645A0213	BAIKA KALYANKUMAR
26	14641A0233	MOHAMMED VASEEM AKRAM			
27	14641A0234	SYED IMD ADUDDIN QURESHI			
28	14641A0235	BHUKYA SRIKANTH			
29	14641A0236	SHAIK FAREED			
30	14641A0237	ELLENDALA RAJA SHEKAR			

SI.NO	ROLL.NO	STUDENT NAME	SI.NO	ROLL.NO	STUDENT NAME
1	14641A0254	RUDRABHATLA SHRUTHI	32	14641A0285	BHUKYA MAHENDER
2	14641A0255	AVUNOORI TAGORE	33	14641A0286	JAKKULA HARIKA
3	14641A0256	CHELUMALLA NIKHIL	34	14641A0287	JATOTH ANUSHA
4	14641A0257	MASU SHYAMALA	35	14641A0288	BHUKYA MAMATHA
5	14641A0258	ALLI RAJU	36	14641A0289	BADAVATH KALYANI
6	14641A0259	BOJJA ARAVIND	37	14641A0290	SIDDE RAJESH
7	14641A0260	BURRA RAHUL GOUD	38	14641A0291	PURAM PRAVALIKA
8	14641A0261	MADARI MEGHANA	39	14641A0292	BOCHU RACHANA
9	14641A0262	ENUMULA MEGHANA	40	14641A0293	PULUGU PRAKASH REDDY
10	14641A0263	NALLA ROHITH	41	14641A0294	KAKKERLA SAI KRISHNA
11	14641A0264	SAMALA SAIKIRAN	42	14641A0295	YAMSANI MANASWINI
12	14641A0265	SUNCHU SRUJANA	43	14641A0296	PIDIKALA AJAY KUMAR
13	14641A0266	KOTA VIKRAM RATHAN VEER	44	14641A0297	GURRAM ABHILASHA
14	14641A0267	JALIGAPU SADHANKUMAR	45	14641A0298	BANOTH PRASHANTH
15	14641A0268	PULI RAMYASRI	46	14641A0299	BHANALA RAMA
16	14641A0269	BANOTH GANESH	47	14641A02A0	DODDIPAKA DIVYA
17	14641A0270	THATIKONDA VINEETH	48	14641A02A1	BANOTH SHARADA
18	14641A0271	GUGULOTH RAMBABU	49	14641A02A2	NETHULA VAMSHI KRISHNA
19	14641A0272	BANOTHU RAKESH	50	14641A02A3	PALLE RAVI TEJA
20	14641A0273	KALTHI RAJINI KANTH	51	14641A02A4	ANUSHA MORE
21	14641A0274	THAKUR VAMSHI MOHAN SINGH	52	14641A02A5	KATHI MUKESH
22	14641A0275	GOUDA RAKESH	53	14641A02A6	SUDAMALLA SHIREESHA
23	14641A0276	KASINENI GOPI	54	14641A02A7	ENUMULA MAHANTH
24	14641A0277	ANNA KUMAR	55	14641A02A8	KARNALA LIKHITHA
25	14641A0278	AARE NAVEEN REDDY	56	14641A02A9	GOGULA SANGEETHA
26	14641A0279	SINGARAPU DEVIKA	57	14641A02B2	BHUKYA ANIL KUMAR
27	14641A0280	JATOTH PRAVEEN	58	15645A0214	MALYALA VIVEK
28	14641A0281	PATHI MUKESH	59	15645A0215	MOHAMMAD MAHMOODA
29	14641A0282	GORANTLA OMPRAKASH	60	15645A0216	THOGARU KRISHNAVENI
30	14641A0283	GUGULOTH VIJAY	61	15645A0217	YAKAMBA MANASWITH
31	14641A0284	PULLURI SUNIL	62	15645A0219	TELU SANDEEP

SI.NO	ROLL.NO	STUDENT NAME	SI.NO	ROLL.NO	STUDENT NAME
1	14641A02B3	KANDIKONDA SHIVA KUMAR	31	14641A02E5	AREPALLY SOUJANYA
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3	14641A02B6	DOMMATI MANOJ KUMAR	33	14641A02E7	MANDULA PRAVEEN
4	14641A02B7	KOTHAPELLY PRASHANTH	34	14641A02E8	BELLI ANUSHA
5	14641A02B8	NUNUSAVATH JOHAR	35	14641A02E9	ANUMANDLA SAI KUMAR
6	14641A02B9	KUNSOTH VENKANNA	36	14641A02F0	BOLLABOINA CHANDRA KANTH
7	14641A02C0	BHUKYA BHASKER	37	14641A02F1	BALABOINA AJAY
8	14641A02C1	TEJAVATH PRAVALIKA	38	14641A02F2	BATHINI ARAVIND
9	14641A02C2	MENGANI ANUSHA	39	14641A02F3	GUNDA SATISH
10	14641A02C3	REGONDA MOUNIKA	40	14641A02F4	FURKHAN BIN MAHSON
11	14641A02C4	VANARASHI MAHENDAR	41	14641A02F5	JITTY PUNEETH RAJ
12	14641A02C5	GIRI KAVYASRI	42	14641A02F6	MUNIGALA RAVALI
13	14641A02C6	BARUPATLA RAJINIKANTH	43	14641A02F7	GUTHIKONDA AKHIL
14	14641A02C7	NUNE RAMAKRISHNA	44	14641A02F8	GADDAMIDI AKHIL
15	14641A02C8	BODDULA SHIVAKUMAR	45	14641A02F9	RAMAGIRI TARUN
16	14641A02C9	NUNAVATH SWETHA	46	14641A02G0	KADARLA ALEKYA
17	14641A02D0	SOLA AKHILESH	47	15645A0220	ESLAVATH SNEHA
18	14641A02D1	GOLLA ROHITH BABA	48	15645A0222	M NIKHIL RAJ
19	14641A02D2	KOTTADA BINDU PRIYANKA	49	15645A0223	PALLAKONDA RADHIKA
20	14641A02D3	GOURU SHARANYA	50	15645A0224	BHUKYA JYOTHILAL
21	14641A02D4	MOTHE BHAVANI	51	15645A0225	CHITHALURI SHIVAKUMAR
22	14641A02D5	BASKE RAMYA	52	15645A0226	MOHAMMED ALI BABA
23	14641A02D6	GARVANDULA SRINATH	53	15645A0227	VANAM BHARATH
24	14641A02D7	BANALA RAJU	54	15645A0228	GUGLOTH RAJESH
25	14641A02D8	PUJARI RAJU	55	15645A0229	PESARU NAGESH KUMAR
26	14641A02E0	KADAGANDLA VJENDER	56	15645A0230	DUSSA PRANATHI
27	14641A02E1	RACHARLA RAKESH	57	15645A0231	MOHD AHMED MOHIUDDIN
28	14641A02E2	POSHALA RAKESH	58	15645A0232	SHANIGARAPU RAJENDAR
29	14641A02E3	JANNU SUKUMAR	59	15645A0233	PAKALAPATI SAI PALLAVI
30	14641A02E4	SAVATI SUMAN	60	14641A02D9	BOLLAM PRADEEP

Co-ordinators

P.Purna chander

B.Nagaraju

Head of the department