

Adichunchanagiri Institute of Technology, Chikkamagaluru


Department of Electrical & Electronics Engineering


Course Outcome for Add-On Course Conducted in Year 2021-22

Sl. No	Type	Title	Course OutCome
1.	Add-On course-1	Add on course on C & C++	<p>Students are able to understand the importance of C & C++ in the field of Information Technology. And also describe the advantages of a high level language like C/C++, the programming process, and the compilation process, apply good programming principles to the design and implementation of C/C++ programs</p> <ul style="list-style-type: none">• Demonstrate an understanding of algorithms in the problem-solving process• Identify the necessary properties of good problem-solving techniques• Create and analyze algorithms for solving simple problems• Use incremental program development to create, test, and debug algorithms for solving

			<p>simple problems</p> <ul style="list-style-type: none"> • Write readable code that follows accepted style and documentation guidelines • Apply techniques of structured (functional) decomposition to decompose problem and a program solution into smaller pieces • Create and call functions that use parameter passing and return values • Design and implement code that includes the reuse of both existing code and calling functions in the C/C++ libraries
2.	Add-On course-2	Add on course on Matlab Programming & its Application in Engineering.	<p>The student will be able to</p> <ul style="list-style-type: none"> • Understand the basics of Matlab • Break a complex task up into smaller, simpler tasks • Case Study (Any two Modules) • 4. Tabulate results and Analyze
3.	Add-On course-3	Add on course on Computer Aided Electrical Drawing	<ul style="list-style-type: none"> • Make use of computer aided drawing software for electrical-electronics circuits and

			<p>electrical machine parts. (A)</p> <ul style="list-style-type: none"> • 2. Utilize simulation software to simulate electrical & electronics circuits. (A) • Design Printed Circuit Board (PCB) using PCB design software. (C)
4.	Add-On course-4	Add on course on Introduction to Lab view	<ul style="list-style-type: none"> • Apply knowledge of Mathematics, Science and Engineering to solve the complex engineering problems in Electronics and Communication Engineering. • Investigate, design and conduct experiments, analyze and interpret data, make inferences from the resulting data and apply the research skills to solve complex engineering problems in analog and digital systems. • Demonstrate basic engineering practices and conduct experiments in electronics, electrical system and in programming language.


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~~Dr. C. T. Jayadev~~
Principal B.E., M.Tech., Ph.D
 Adichunchanagiri Institute of Technology
 CHIKKAMAGALURU-577102



|| Jai Sri Gurudev ||



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ADICHUNCHANAGIRI INSTITUTE OF TECHNOLOGY,
CHIKKAMAGALURU

P.B No.91, Adichunchanagiri Extension, Chikkamagaluru-577 102, Karnataka, India.

Ref: AIT/IQAC/E&E/

Date: 04/07/2022

Circular

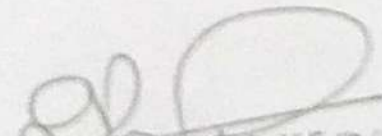
Department of Electrical and Electronics Engineering is conducting a Certificate Program (Add-on Program) on "Trends in Programming[C & C++] from 08/07/2022 to 11/07/2022. All other HOD's instruct the concern department students to attend the program. Following resource person (Course instructor) is conducting a certificate program at E&E Department.


Course Instructors:

Mr. VARUN E

Fundamentals

Chikkamagaluru.


HOD's, **G. R. VEERENDRU, M.E., Ph.D.**
Principal Head
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Principal Signature
Dr. C.T. JAYADEVA
Principal B.E.M.Tech., Ph.D.
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ADICHUNCHANAGIRI INSTITUTE OF TECHNOLOGY: CHIKMAGALUR
Department of Electrical & Electronics Engineering

The following students are registered for the **add-on course on**
c & c++ from 8/7/2022 to 11/07/2022 (30 hours)

Sl.No.	USN	PARTICIPENT NAMES	SIGNATURE
1	4AI20EE001	ADARSH PATEL C H	Adarsh
2	4AI20EE002	AMAN ALI	Aman Ali
3	4AI20EE003	ANKITHA C R	Ankitha
4	4AI20EE004	ARYAN S R	Arya
5	4AI20EE005	B M NITHIN	Nithin
6	4AI20EE006	BANASHREE S	Bansa
7	4AI20EE007	BASAVA PRABHU Y H	Basava Prabhu. Y. H.
8	4AI20EE008	BHARGAVI P	Bhargavi
9	4AI20EE009	CHANDANA M B	Chandan. M. B
10	4AI20EE010	DHANUSH S S	Dhanush
11	4AI20EE012	GAHAN R	Gahan
12	4AI20EE013	GUDDADESH UPPAR K O	Gudde
13	4AI20EE014	KRUTHI H R	Kruthi
14	4AI20EE015	LEKHANA D	Lekhana
15	4AI20EE016	MITHA TV URS	Mitha
16	4AI20EE017	MONIKA K	Monika
17	4AI20EE018	MOUNA MANDARA C P	Mouna Mandara CP
18	4AI20EE019	NAIYARA TAJ	Naiyara Taj
19	4AI20EE020	NAYANA B H	Nayana BH
20	4AI20EE021	NAYANA S S	Nayana
21	4AI20EE022	NISARGA A	Nisarga. A.
22	4AI20EE023	PRADEEP B L	Pradeep. B.
23	4AI20EE025	PREMSAGAR B S	Premsagar. B. S.
24	4AI20EE026	RAKESH GOWDA H P	Rakesh
25	4AI20EE027	SANDESH S P	Sandesh S. P.
26	4AI20EE028	SANVI A S	Sanvi. A. S.
27	4AI20EE029	SHACHI RAJ K R	Shachi Raj K. R.
28	4AI20EE030	SOWMYA E P	Sowmya. E. P.
29	4AI20EE031	SUSHMA S	Sushma
30	4AI20EE032	UNNATHI C S	Unnathi
31	4AI20EE033	VARUN D N	Varun. D. N.
32	4AI20EE034	VINAY K	Vinay

33	4AI20EE035	YASHASWINI K T	Yash - K.T
34	4AI20EE036	MANOJ B R	Manoj .B.R
35	4AI21EE400	ABHISHEK S	Abhishek .S
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38	4AI21EE403	DHARANI G R	Dharani G.R.
39	4AI21EE404	FASNA M R	Fasna M.R
40	4AI21EE405	KAVYA K R	Kavya K.R
41	4AI21EE406	KAVYASHREE G U	Kavyashree G.U
42	4AI21EE407	KIRAN KUMAR S	Kiran Kumar .S
43	4AI21EE408	LIKITHA PATEL N T	Likitha Patel
44	4AI21EE409	MEGHA C C	Megha .C.C.
45	4AI21EE410	MOULYA H A	Moulya .H.A
46	4AI21EE411	PRASANNA A R	Prasanna A.R
47	4AI21EE412	PRAVEENA P D	Praveena .P.D
48	4AI21EE413	SHASHI KUMAR C M	Shashi Kumar .C.M
49	4AI21EE415	SUPRIYA T A	Supriya .T.A
50	4AI21EE416	THEJASWINI H D	Thejasa

10/1

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Add-On Course on C & C++

C - Programming Contents

SL. NO.	CONTENTS
1	Importance of Programming <ul style="list-style-type: none">• Different programming languages
2	Introduction of Programming Languages <ul style="list-style-type: none">• Types of Languages• Evolution of 'C' Language• Structure of a 'C' Program• 'C' Program development life cycle• Executing and Debugging a 'C' Program• Variables• Data Types
3	Control Statement and Expressions <ul style="list-style-type: none">• Decision Making using if statement• Types of if ...else block• Switch case Block• Arithmetic Expressions• Evaluation of Expressions• GOTO statement
4	Looping <ul style="list-style-type: none">• Concept of Loop• For loop• While loop• Do while loop• Jumping in Loop• break and continue statement• Hands-On Session
5	Arrays and String <ul style="list-style-type: none">• Introduction of Array• One - D Array• Two - D Array• Multidimensional Array• Dynamic Arrays• Implementing String Variables• String handling Functions
6	Functions <ul style="list-style-type: none">• Concept of Function• User defined Function• System Defined Function• Types of parameter passing in function

7	Pointers <ul style="list-style-type: none"> • Need of Pointers • Types of Pointers • Pointer Expression • Arrays of Pointers • Pointers and Functions
8	Structure and Unions <ul style="list-style-type: none"> • Need of Structure • Implementing Structure Variable • Arrays of Structure • Difference between Structure and Unions
9	Interview Questions and solutions

C++ Programming Contents

SL. NO.	CONTENTS
1	Introduction to Object Oriented Programming <ul style="list-style-type: none"> • Concept of OOP • Features of OOP • Introduction of 'C++' • Structure of 'C++' program • Executing and Debugging a 'C++' Program
2	Classes & Objects <ul style="list-style-type: none"> • Classes & Object Specifier • Defining data members and member functions • Array of objects • Managing console I/O • 'C++' stream classes • Formatted and unformatted console I/O
3	Constructors and Destructor <ul style="list-style-type: none"> • Concept of Constructor • Types of Constructors • Memory allocation (new and delete)
4	Exception Handling <ul style="list-style-type: none"> • Various Exception Handling classes • Implementing try and catch block • Use of throw keyword
5	Interview Questions and solutions

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(Coordinator)

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SESSION WISE ATTENDANCE FOR THE ADD ON COURSE C & C++

08-07-2022

Sl.No.	USN	PARTICIPENT NAMES	S1	S2	S3	S4
1	4AI20EE001	ADARSH PATEL C H	Adarsh	Adarsh	Adarsh	Adarsh
2	4AI20EE002	AMAN ALI	Amal	Amal	Amal	Amal
3	4AI20EE003	ANKITHA C R	Ankitha	Ankitha	Ankitha	Ankitha
4	4AI20EE004	ARYAN S R	Aryan	Aryan	Aryan	Aryan
5	4AI20EE005	B M NITHIN	Bm	Bm	Bm	Bm
6	4AI20EE006	BANASHREE S	Bansa	Bansa	Bansa	Bansa
7	4AI20EE007	BASAVA PRABHU Y H	Basav	Basav	Basav	Basav
8	4AI20EE008	BHARGAVI P	Bhargavi	Bhargavi	Bhargavi	Bhargavi
9	4AI20EE009	CHANDANA M B	Chandana	Chandana	Chandana	Chandana
10	4AI20EE010	DHANUSH S S	Dhanush	Dhanush	Dhanush	Dhanush
11	4AI20EE012	GAHAN R	Gahan	Gahan	Gahan	Gahan
12	4AI20EE013	GUDDADESH UPPAR K O	Gudde	Gudde	Gudde	Gudde
13	4AI20EE014	KRUTHI H R	Kruthi	Kruthi	Kruthi	Kruthi
14	4AI20EE015	LEKHANA D	Lekhana	Lekhana	Lekhana	Lekhana
15	4AI20EE016	MITHA TV URS	Mitha	Mitha	Mitha	Mitha
16	4AI20EE017	MONIKA K	Monika	Monika	Monika	Monika
17	4AI20EE018	MOUNA MANDARA C P	Mouna	Mouna	Mouna	Mouna
18	4AI20EE019	NAIYARA TAJ	Naiyara	Naiyara	Naiyara	Naiyara
19	4AI20EE020	NAYANA B H	Nayana	Nayana	Nayana	Nayana
20	4AI20EE021	NAYANA S S	Nayana	Nayana	Nayana	Nayana
21	4AI20EE022	NISARGA A	Nisarga	Nisarga	Nisarga	Nisarga
22	4AI20EE023	PRADEEP B L	Pradeep	Pradeep	Pradeep	Pradeep
23	4AI20EE025	PREMSAGAR B S	Prem	Prem	Prem	Prem
24	4AI20EE026	RAKESH GOWDA H P	Rakesh	Rakesh	Rakesh	Rakesh
25	4AI20EE027	SANDESH S P	Sandesh	Sandesh	Sandesh	Sandesh
26	4AI20EE028	SANVI A S	Sanvi	Sanvi	Sanvi	Sanvi
27	4AI20EE029	SHACHI RAJ K R	Shachi	Shachi	Shachi	Shachi
28	4AI20EE030	SOWMYA E P	Sowmya	Sowmya	Sowmya	Sowmya
29	4AI20EE031	SUSHMA S	Sushma	Sushma	Sushma	Sushma
30	4AI20EE032	UNNATHI C S	Unnathi	Unnathi	Unnathi	Unnathi
31	4AI20EE033	VARUN D N	Varun	Varun	Varun	Varun
32	4AI20EE034	VINAY K	Vinay	Vinay	Vinay	Vinay
33	4AI20EE035	YASHASWINI K T	Yashaswini	Yashaswini	Yashaswini	Yashaswini

34	4AI20EE036	MANOJ B R	Manoj.B.R	Manoj.B.R	Manoj.B.R	Manoj.B.R
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36	4AI21EE401	BHARATH SHETTY A H	Bharath	Bharath	Bharath	Bharath
37	4AI21EE402	CHANDANA C M	Chandu	Chandu	Chandu	Chandu
38	4AI21EE403	DHARANI G R	Dharanigp	Dharanigp	Dharanigp	Dharanigp
39	4AI21EE404	FASNA M R	Fasna	Fasna	Fasna	Fasna
40	4AI21EE405	KAVYA K R	Kavya.K.R	Kavya.K.R	Kavya.K.R	Kavya.K.R
41	4AI21EE406	KAVYASHREE G U	Kavyashree	Kavyashree	Kavyashree	Kavyashree
42	4AI21EE407	KIRAN KUMAR S	Kiran.S	Kiran.S	Kiran.S	Kiran.S
43	4AI21EE408	LIKITHA PATEL N T	Likitha	Likitha	Likitha	Likitha
44	4AI21EE409	MEGHA C C	Megha.CC	Megha.CC	Megha.CC	Megha.CC
45	4AI21EE410	MOULYA H A	Mouly.H.A	Mouly.H.A	Mouly.H.A	Mouly.H.A
46	4AI21EE411	PRASANNA A R	Prasanna	Prasanna	Prasanna	Prasanna
47	4AI21EE412	PRAVEENA P D	Praveena.P.D	Praveena.P.D	Praveena.P.D	Praveena.P.D
48	4AI21EE413	SHASHI KUMAR C M	Shashikumar	Shashikumar	Shashikumar	Shashikumar
49	4AI21EE415	SUPRIYA T A	Supriya.TA	Supriya.TA	Supriya.TA	Supriya.TA
50	4AI21EE416	THEJASWINI H D	Thejaswini.HD	Thejaswini.HD	Thejaswini.HD	Thejaswini.HD

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(Coordinator)

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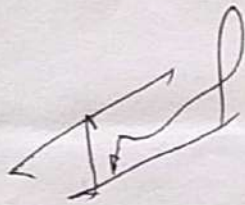
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SESSION WISE ATTENDANCE FOR THE ADD ON COURSE C & C++

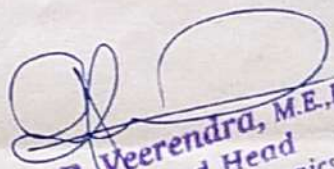
09-07-2022

Sl.No.	USN	PARTICIPENT NAMES	S5	S6	S7	S8
1	4AI20EE001	ADARSH PATEL C H	Adarsh	Adarsh	Adarsh	Adarsh
2	4AI20EE002	AMAN ALI	AB	AB	AB	AB
3	4AI20EE003	ANKITHA C R	Ankitha	Ankitha	Ankitha	Ankitha
4	4AI20EE004	ARYAN S R	Arya	Arya	Arya	Arya
5	4AI20EE005	B M NITHIN	B M Nithin	B M Nithin	B M Nithin	B M Nithin
6	4AI20EE006	BANASHREE S	Bansa	Bansa	Bansa	Bansa
7	4AI20EE007	BASAVA PRABHU Y H	Basava Prabhuyh	Basava Prabhuyh	Basava Prabhuyh	Basava Prabhuyh
8	4AI20EE008	BHARGAVI P	Bhargavi	Bhargavi	Bhargavi	Bhargavi
9	4AI20EE009	CHANDANA M B	chandana m.b	chandana	chandana	chandana
10	4AI20EE010	DHANUSH S S	AB	AB	AB	AB
11	4AI20EE012	GAHAN R	GAHAN	GAHAN	GAHAN	GAHAN
12	4AI20EE013	GUDDADESH UPPAR K O	Guddeko	Guddeko	Guddeko	Guddeko
13	4AI20EE014	KRUTHI H R	Kruthi	Kruthi	Kruthi	Kruthi
14	4AI20EE015	LEKHANA D	Lekhano D	Lekhano D	Lekhano D	Lekhano D
15	4AI20EE016	MITHA TV URS	Mitha	Mitha	Mitha	Mitha
16	4AI20EE017	MONIKA K	Monika	Monika	Monika	Monika
17	4AI20EE018	MOUNA MANDARA C P	Mouna cp	Mouna cp	Mouna cp	Mouna cp
18	4AI20EE019	NAIYARA TAJ	Naiyara Taj	Naiyara Taj	Naiyara Taj	Naiyara Taj
19	4AI20EE020	NAYANA B H	Nayana BH	Nayana BH	Nayana BH	Nayana BH
20	4AI20EE021	NAYANA S S	AB	AB	AB	AB
21	4AI20EE022	NISARGA A	Nisarga A	Nisarga A	Nisarga A	Nisarga A
22	4AI20EE023	PRADEEP B L	Pradeep B	Pradeep B	Pradeep B	Pradeep B
23	4AI20EE025	PREMSAGAR B S	PremSagar.B.S	PremSagar.B.S	PremSagar.B.S	PremSagar.B.S
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26	4AI20EE028	SANVI A S	Sanvi AS	Sanvi AS	Sanvi AS	Sanvi AS
27	4AI20EE029	SHACHI RAJ K R	Shachi Rajk.R	Shachi Rajk.R	Shachi Rajk.R	Shachi Rajk.R
28	4AI20EE030	SOWMYA E P	Sowmya EP	Sowmya EP	Sowmya EP	Sowmya EP
29	4AI20EE031	SUSHMA S	Sushma	Sushma	Sushma	Sushma
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31	4AI20EE033	VARUN D N	Varun D.n	Varun	Varun	Varun
32	4AI20EE034	VINAY K	AB	AD	AB	AB
33	4AI20EE035	YASHASWINI K T	Yashaswini K.T	Yashaswini K.T	Yashaswini K.T	Yashaswini K.T
34	4AI20EE036	MANOJ B R	Manoj BR	Manoj BR	Manoj BR	Manoj BR
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42	4AI21EE407	KIRAN KUMAR S	Kiran Kumar S	Kiran Kumar S	Kiran - S	Kiran - S
43	4AI21EE408	LIKITHA PATEL N T	Likitha	Likitha	Likitha	Likitha
44	4AI21EE409	MEGHA C C	Megha C.C	Megha C.C	Megha C.C	Megha C.C
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48	4AI21EE413	SHASHI KUMAR C M	Shashi Kumar	Shashi Kumar	Shashi Kumar	Shashi Kumar
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(Coordinator)


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SESSION WISE ATTENDANCE FOR THE ADD ON COURSE C & C++

10-07-2022

Sl.No.	USN	PARTICIPENT NAMES	S9	S10	S11	S12
1	4AI20EE001	ADARSH PATEL C H	Adarsh	Adarsh	Adarsh	Adarsh
2	4AI20EE002	AMAN ALI	AM	AM	AM	AM
3	4AI20EE003	ANKITHA C R	Ankitha	Ankitha	Ankitha	Ankitha
4	4AI20EE004	ARYAN S R	Arya	Arya	Arya	Arya
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6	4AI20EE006	BANASHREE S	Bansa	Bansa	Bansa	Bansa
7	4AI20EE007	BASAVA PRABHU Y H	Basavap	Basavap	Basavap	Basavap
8	4AI20EE008	BHARGAVI P	Bhargavi	Bhargavi	Bhargavi	Bhargavi
- 9	4AI20EE009	CHANDANA M B				
10	4AI20EE010	DHANUSH S S	DS	DS	DS	DS
- 11	4AI20EE012	GAHAN R	Rest	Rest	Rest	Rest
12	4AI20EE013	GUDDADESH UPPAR K O	Gudda	Gudda	Gudda	Gudda
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24	4AI20EE026	RAKESH GOWDA H P	Rakesh	Rakesh	Rakesh	Rakesh
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33	4AI20EE035	YASHASWINI K T	Yelli	Yelli	Yelli	Yelli
34	4AI20EE036	MANOJ B R	Manoj	Manoj	Manoj	Manoj
35	4AI21EE400	ABHISHEK S	Abhishek	Abhishek	Abhishek	Abhishek

36	4AI21EE401	BHARATH SHETTY A H	Bharath	Bharath	Bharath	Bharath
37	4AI21EE402	CHANDANA C M	Ch	Ch	Ch	Ch
38	4AI21EE403	DHARANI G R	Dharani G R	Dharani G R	Dharani G R	Dharani G R
39	4AI21EE404	FASNA M R	Fasna M R	Fasna M R	Fasna M R	Fasna M R
40	4AI21EE405	KAVYA K R	Kavya K R	Kavya K R	Kavya K R	Kavya K R
41	4AI21EE406	KAVYASHREE G U	Kavyashree G U	Kavyashree G U	Kavyashree G U	Kavyashree G U
42	4AI21EE407	KIRAN KUMAR S	Kiran S	Kiran S	Kiran S	Kiran S
43	4AI21EE408	LIKITHA PATEL N T	Likitha	Likitha	Likitha	Likitha
44	4AI21EE409	MEGHA C C	Megha C C	Megha C C	Megha C C	Megha C C
45	4AI21EE410	MOULYA H A	Moulya H A	Moulya H A	Moulya H A	Moulya H A
46	4AI21EE411	PRASANNA A R	Prasanna A R	Prasanna A R	Prasanna A R	Prasanna A R
47	4AI21EE412	PRAVEENA P D	Praveena P D	Praveena P D	Praveena P D	Praveena P D
48	4AI21EE413	SHASHI KUMAR C M	Shashi Kum	Shashikum	Shashikum	Shashikum
49	4AI21EE415	SUPRIYA T A	Supriya T A	Supriya T A	Supriya T A	Supriya T A
50	4AI21EE416	THEJASWINI H D	Thejaswini H D	Thejaswini H D	Thejaswini H D	Thejaswini H D

[Handwritten signature]

(CO-ordinator)

[Handwritten signature]
Dr. G. R. Veerendra, M.E., Ph.D
 Prof. and Head
 Dept. of Electrical & Electronics Engg
 A.I.T., Chikkamagaluru-577102
 Karnataka - INDIA

SESSION WISE ATTENDANCE FOR THE ADD ON COURSE C & C++

11-07-2022

Sl.No.	USN	PARTICIPENT NAMES	S13	S14	S15	S16
1	4AI20EE001	ADARSH PATEL C H	Adarsh	Adarsh	Adarsh	Adarsh
2	4AI20EE002	AMAN ALI	AB	AB	AB	AB
3	4AI20EE003	ANKITHA C R	Ankitha	Ankitha	Ankitha	Ankitha
4	4AI20EE004	ARYAN S R	Ary	Ary	Ary	Ary
5	4AI20EE005	B M NITHIN	BMN	BMN	BMN	BMN
6	4AI20EE006	BANASHREE S	Bans	Bans	Bans	Bans
7	4AI20EE007	BASAVA PRABHU Y H	Basavprabhu	Basavprabhu	Basavprabhu	Basavprabhu
8	4AI20EE008	BHARGAVI P	Bhargavi	Bhargavi	Bhargavi	Bhargavi
9	4AI20EE009	CHANDANA M B	Chandan	Chandan	Chandan	Chandan
10	4AI20EE010	DHANUSH S S	AB	AB	AB	AB
11	4AI20EE012	GAHAN R	Ghan	Ghan	Ghan	Ghan
12	4AI20EE013	GUDDADESH UPPAR K O	Gud	Gud	Gud	Gud
13	4AI20EE014	KRUTHI H R	Kruthi	Kruthi	Kruthi	Kruthi
14	4AI20EE015	LEKHANA D	Lekana	Lekana	Lekana	Lekana
15	4AI20EE016	MITHA TV URS	Mitha	Mitha	Mitha	Mitha
16	4AI20EE017	MONIKA K	Monika	Monika	Monika	Monika
17	4AI20EE018	MOUNA MANDARA C P	Mouna	Mouna	Mouna	Mouna
18	4AI20EE019	NAIYARA TAJ	Naiyara	Naiyara	Naiyara	Naiyara
19	4AI20EE020	NAYANA B H	NayanaBH	NayanaBH	NayanaBH	NayanaBH
20	4AI20EE021	NAYANA S S	AB	AB	AB	AB
21	4AI20EE022	NISARGA A	Nisarga	Nisarga	Nisarga	Nisarga
22	4AI20EE023	PRADEEP B L	Pradeep	Pradeep	Pradeep	Pradeep
23	4AI20EE025	PREMSAGAR B S	PremSagar	PremSagar	PremSagar	PremSagar
24	4AI20EE026	RAKESH GOWDA H P	Rakesh	Rakesh	Rakesh	Rakesh
25	4AI20EE027	SANDESH S P	Sandesh	Sandesh	Sandesh	Sandesh
26	4AI20EE028	SANVI A S	Sanvi	Sanvi	Sanvi	Sanvi
27	4AI20EE029	SHACHI RAJ K R	Shachi	Shachi	Shachi	Shachi
28	4AI20EE030	SOWMYA E P	Sowmya	Sowmya	Sowmya	Sowmya
29	4AI20EE031	SUSHMA S	Sushma	Sushma	Sushma	Sushma
30	4AI20EE032	UNNATHI C S	Unnathi	Unnathi	Unnathi	Unnathi
31	4AI20EE033	VARUN D N	Varun	Varun	Varun	Varun
32	4AI20EE034	VINAY K	AB	AB	AB	AB
33	4AI20EE035	YASHASWINI K T	Yashaswini	Yashaswini	Yashaswini	Yashaswini
34	4AI20EE036	MANOJ B R	Manoj	Manoj	Manoj	Manoj
35	4AI21EE400	ABHISHEK S	Abhishek	Abhishek	Abhishek	Abhishek

36	4AI21EE401	BHARATH SHETTY A H	Bharath Shetty	Bharath Shetty	Bharath Shetty	Bharath Shetty
37	4AI21EE402	CHANDANA C M	Chandana C M	Chandana C M	Chandana C M	Chandana C M
38	4AI21EE403	DHARANI G R	Dharani G R	Dharani G R	Dharani G R	Dharani G R
39	4AI21EE404	FASNA M R	Fasna M R	Fasna M R	Fasna M R	Fasna M R
40	4AI21EE405	KAVYA K R	Kavya K R	Kavya K R	Kavya K R	Kavya K R
41	4AI21EE406	KAVYASHREE G U	Kavyashree G U	Kavyashree G U	Kavyashree G U	Kavyashree G U
42	4AI21EE407	KIRAN KUMAR S	Kiran S	Kiran S	Kiran S	Kiran S
43	4AI21EE408	LIKITHA PATEL N T	Likitha N T	Likitha N T	Likitha N T	Likitha N T
44	4AI21EE409	MEGHA C C	Megha C C	Megha C C	Megha C C	Megha C C
45	4AI21EE410	MOULYA H A	Moulyha H A	Moulyha H A	Moulyha H A	Moulyha H A
46	4AI21EE411	PRASANNA A R	Prasanna A R	Prasanna A R	Prasanna A R	Prasanna A R
47	4AI21EE412	PRAVEENA P D	Praveena P D	Praveena P D	Praveena P D	Praveena P D
48	4AI21EE413	SHASHI KUMAR C M	Shashikum C M	Shashikum C M	Shashikum C M	Shashikum C M
49	4AI21EE415	SUPRIYA T A	Supriya T A	Supriya T A	Supriya T A	Supriya T A
50	4AI21EE416	THEJASWINI H D	Thejaswini H D	Thejaswini H D	Thejaswini H D	Thejaswini H D

[Handwritten signature]

(Coordinator)

[Handwritten signature]
Dr. G. R. Veerendra, M.E., Ph.D
 Prof and Head
 Dept. of Electrical & Electronics Engg
 A.I.T., Chikkamagaluru-577102
 Karnataka - INDIA

ADICHUNCHANAGIRI INSTITUTE OF TECHNOLOGY: CHIKMAGALUR
Department of Electrical & Electronics Engineering

C & C ++ Programming - ASSESSMENT QUESTIONS Date: 09/07/2022

1. Which of the following statements should be used to obtain a remainder after dividing 3.14 by 2.1 ?

A. `rem = 3.14 % 2.1;`

B. `rem = modf(3.14, 2.1);`

C. `rem = fmod(3.14, 2.1);`

D. Remainder cannot be obtain in floating point division.

2. Which of the following statements correctly declare a function that receives a pointer to pointer to a pointer to a float and returns a pointer to a pointer to a pointer to a pointer to a float?

A. `float ** fun(float***);`

B. `float * fun(float**);`

C. `float fun(float***);`

D. `float ****fun(float***)`

3. Are the expressions `arr` and `&arr` same for an array of 10 integers?

A. Yes

B. No

4. The keyword used to transfer control from a function back to the calling function is

A. `switch`

B. `goto`

C. `go back`

D. `return`

5. In C all functions except `main()` can be called recursively.

A. True

B. False

6. Which of the following is the correct order of evaluation for the below expression?

$z = x + y * z / 4 \% 2 - 1$

- A. $* / \% + - =$
- B. $= * / \% + -$
- C. $/ * \% - + =$
- D. $* \% / - + =$

7. Which of the following is the correct usage of conditional operators used in C?

- A. $a > b ? c = 30 : c = 40;$
- B. $a > b ? c = 30;$
- C. $\text{max} = a > b ? a > c ? a : c : b > c ? b : c$
- D. $\text{return } (a > b) ? (a : b)$

8. Which of the following is the correct order if calling functions in the below code?

$a = f1(23, 14) * f2(12/4) + f3();$

- A. $f1, f2, f3$
- B. $f3, f2, f1$
- C. Order may vary from compiler to compiler
- D. None of above

9. What will be the output of the program?

```
#include <stdio.h>

int main()
{
    int i=-3, j=2, k=0, m;
    m = ++i && ++j && ++k;
    printf("%d, %d, %d, %d\n", i, j, k, m);
    return 0;
}
```


}

- A. -2, 3, 1, 1
- B. 2, 3, 1, 2
- C. 1, 2, 3, 1
- D. 3, 3, 1, 2

10. Are the following two statements same?

- 1. $a \leq 20 ? (b = 30) : (c = 30);$
 - 2. $(a \leq 20) ? b : (c = 30);$
- A. Yes
 - B. No

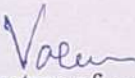
10/10


NAME OF THE STUDENT:

Pradeep

SIGNATURE:

Pradeep


Signature of course instructor


Dr. G. R. Veerendra, M.E., Ph.D.
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FUNDAMENTALS

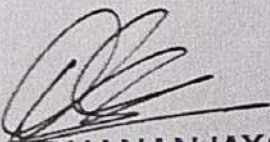
Opposite AIT Girls Hostel, Kalyananagar, Bypass Road, Jyothinagar, Chikkamagaluru - 577 102.

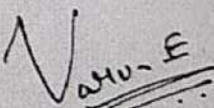
Certificate

This is to certify that

Mr./Ms. Nisarga . A has

successfully completed **Four Days Add-on Course** on "**Trends in Programming (C and C++)**" organized by the Department of Electrical and Electronics Engineering, Adichunchanagiri Institute of Technology, Chikkamagaluru from **08/07/2022** to **11/07/2022**.


MR. DHANANJAYA B
MANAGING DIRECTOR
FUNDAMENTALS


DR. VARUN E
RESOURCE PERSON
FUNDAMENTALS

**ADICHUNCHANAGIRI INSTITUTE OF
TECHNOLOGY**

**Department of Electrical
& Electronics Engineering**



Add on

course on

**“MATLAB Programming & its
Applications in Engineering”**

From 15-07-2022 to 17-07-2022



|| Jai Sri Gurudev ||



**SRI ADICHUNCHANAGIRI SHIKSHANA TRUST ®
ADICHUNCHANAGIRI INSTITUTE OF TECHNOLOGY,
CHIKKAMAGALURU**

P.B No.91, Adichunchanagiri Extension, Chikkamagaluru-577 102, Karnataka ,India.

Ref: AIT/IQAC/E&E/

Date: 05/07/2022

Circular

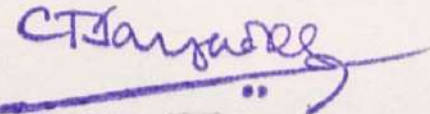
Department of Electrical and Electronics Engineering are conducting a Certificate Program (Add-on Program) on “**MATLAB Programming & its Application in Engineering**” from **15/07/2022** to **17/07/2022**. All other HOD's instruct the concern department students to attend the program. Following faculty members (Course instructor) are conducting a certificate program at E&E Department.

Course Instructors:

Mr. BHARATH
Resource Person
Fundamentals
Chikkamagaluru.

HOD's Signature

Dr. G. S. Veerendra, M.E., Ph.D
Prof. and Head
Dept. of Electrical & Electronics Engg.
A.I.T., Chikkamagaluru-577102
Karnataka - INDIA


Dr. D. T. JAYADEVA
Principal B.E., M.Tech., Ph.D
Adichunchanagiri Institute of Technology
CHIKKAMAGALURU-577102

Add on Course for IV Semester

B.E Electronics & Communication Engineering

**Syllabus for Add on course on “MATLAB Programming
& its Application in Engineering ”**

Duration: 36 Hours

Syllabus:-

DAY 01:15/07/2022

1. Importance of Programming
 - Need of Computer programming
2. Introduction of MATLAB Programming
 - The MATLAB workspace
 - Application of MATLAB
 - MATLAB scripts
 - Windows of MATLAB
3. Arrays and Array operations
 - Declaration of an Array
 - Array indexing
 - Arithmetic Expressions
 - Evaluation of Expressions
 - Cell Arrays
 - Read and data from other source
4. Data Visualisation
 - Basic plots
 - Creation of multiple plots
 - Different graphs
 - 3D graphics

5. Control Flow & conditional statements

- For loops
- While loops
- If -else-end & nested if
- Break statements
- Switch-case construction
- Sub array searching
- Exercise

6. Functions

- Concept of Function
- User defined Function
- System Defined Function
- Types of parameter passing in function
- Nested functions

7. Graphical User Interface

- Introduction to GUI
- Pushbutton
- Edit box & text box
- Toggle buttons
- Radio buttons
- Sliders
- Axes
- Listbox
- Pop up menu

8. MATLAB App designer

- Push button
- Edit field & Label
- First app
- Compiling & packaging the app
- Plotting & start up functions
- Lamp indication & warning label
- Rocker/toggle switch

- Knob/Discrete knob
- Spinner
- Gauge

DAY 03:17/07/2022

9. Applications

- Audio processing(signal smoothing)
- Plotting excel data
- Cryptography

10. Applications

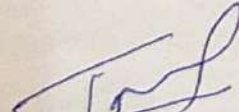
- Image Processing
- Fourier series
- Spectrum of audio signals

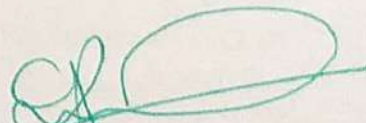
ADICHUNCHANAGIRI INSTITUTE OF TECHNOLOGY: CHIKMAGALUR
Department of Electrical & Electronics Engineering

The following students are registered for the Add-On Course on
MATLAB Programming and its applications in Engineering

From 15/7/2022 to 17/07/2022 (36 hours)

Sl.No.	USN	PARTICIPENT NAMES	SIGNATURE
1	4AI20EE018	MOUNA MANDARA C P	Mouna Mandara C P
2	4AI20EE019	NAIYARA TAJ	Naiyara Taj
3	4AI20EE020	NAYANA B H	Nayana B.H
4	4AI20EE023	PRADEEP B L	Pradeep B.L
5	4AI20EE027	SANDESH S P	Sandesh S.P
6	4AI20EE028	SANVI A S	Sanvi A.S
7	4AI20EE029	SHACHI RAJ K R	Shachi Raj K.R
8	4AI20EE030	SOWMYA E P	Sowmya E.P
9	4AI20EE031	SUSHMA S	Sushma S
10	4AI20EE032	UNNATHI C S	Unnathi C.S
11	4AI20EE033	VARUN D N	Varun D.N
12	4AI20EE035	YASHASWINI K T	Yashaswini K.T
13	4AI21EE409	MEGHA C C	Megha C.C
14	4AI21EE410	MOULYA H A	Moulya H.A
15	4AI21EE411	PRASANNA A R	Prasanna A.A
16	4AI20EC009	ANUSHREE C J	Anushree C.J
17	4AI20EC010	ARPITHA H S	Arpitha H.S
18	4AI20EC011	ASHWINI KALARI	Ashwini Kalari
19	4AI20EC012	BASAVARAJU M M	Basavaraju M.M
20	4AI20EC013	BHAGYA SHREE K R	Bhagya Shree K.R

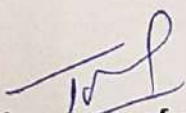

 Signature of coordinator

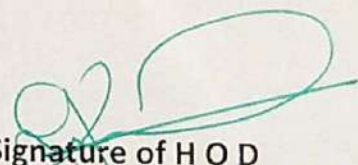

 Signature of H O D
Dr. G. R. Veerendra, M.E., Ph.D
 Prof. and Head
 Dept. of Electrical & Electronics Engg.
 A.I.T., Chikkamagaluru-577102
 Karnataka - INDIA

**Session Wise Attendance For The Add-On Course On Matlab Programming
And Its Applications In Engineering**

15-07-2022

Sl.No.	USN	PARTICIPENT NAMES	S1	S2	S3	S4
1	4AI20EE018	MOUNA MANDARA C P	Mouna CP	Mouna CP	Mouna CP	Mouna CP
2	4AI20EE019	NAIYARA TAJ	Naiyara Tj	Naiyara Tj	Naiyara Tj	Naiyara Tj
3	4AI20EE020	NAYANA B H	Nayana BH	Nayana BH	Nayana BH	Nayana BH
4	4AI20EE023	PRADEEP B L	Pradeep B.L	Pradeep B.L	Pradeep B.L	Pradeep B.L
5	4AI20EE027	SANDESH S P	Sandesh SP	Sandesh SP	Sandesh SP	Sandesh SP
6	4AI20EE028	SANVI A S	Sanvi AS	Sanvi AS	Sanvi AS	Sanvi AS
7	4AI20EE029	SHACHI RAJ K R	Shachi Raj KR	Shachi Raj KR	Shachi Raj KR	Shachi Raj KR
8	4AI20EE030	SOWMYA E P	Sowmye	Sowmye	Sowmye	Sowmye
9	4AI20EE031	SUSHMA S	Sushma S	Sushma S	Sushma S	Sushma S
10	4AI20EE032	UNNATHI C S	Unnathi CS	Unnathi CS	Unnathi CS	Unnathi CS
11	4AI20EE033	VARUN D N	Varun DN	Varun DN	Varun DN	Varun DN
12	4AI20EE035	YASHASWINI K T	Yashaswini KT	Yashaswini KT	Yashaswini KT	Yashaswini KT
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14	4AI21EE410	MOULYA H A	Moulyha HA	Moulyha	Moulyha	Moulyha
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19	4AI20EC012	BASAVARAJU M M	Basavaraju MM	Basavaraju	Basavaraju	Basavaraju
20	4AI20EC013	BHAGYA SHREE K R	Bhagya Shree KR	Bhagya	Bhagya	Bhagya


Signature of coordinator


Signature of H O D
Dr. G. R. Veerendra, M.E., Ph.D
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A.I.T., Chikkamagaluru-577102
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**ADICHUNCHANAGIRI INSTITUTE OF
TECHNOLOGY, CHIKKAMAGALURU-577102.**

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING
Add-On Course on MATLAB Programming and its applications in
Engineering
PARTICIPANTS FEEDBACK

Session (09-00 AM to 01-15PM)				
Sl.No	DESCRIPTION	EXCELLENT	GOOD	POOR
1	How would you rate the presenter's knowledge on the concept?		✓	
2	How would you rate the concepts and Information provided by the Presenter?		✓	
3	What was your overall impression of the session?		✓	
4	Remarks	It should be still more better.		

Session (02-30PM to 05-30PM)				
Sl.No	DESCRIPTION	EXCELLENT	GOOD	POOR
1	How would you rate the presenter's knowledge on the concept?		✓	
2	How would you rate the concepts and Information provided by the Presenter?		✓	
3	What was your overall impression of the session?		✓	
4	Remarks	-		


Dr. G. R. Veerendra, M.E., Ph.D
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Karnataka - INDIA


Signature of the Participants

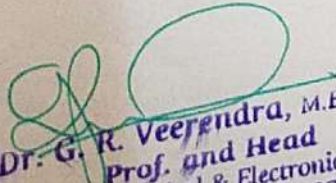
Date: 15-07-2022


**ADICHUNCHANAGIRI INSTITUTE OF
TECHNOLOGY, CHIKKAMAGALURU-577102.**

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING
Add-On Course on MATLAB Programming and its applications in
Engineering
PARTICIPANTS FEEDBACK

Session (09-00 AM to 01-15PM)				
Sl.No	DESCRIPTION	EXCELLENT	GOOD	POOR
1	How would you rate the presenter's knowledge on the concept?	✓		
2	How would you rate the concepts and Information provided by the Presenter?	✓		
3	What was your overall impression of the session?	✓		
4	Remarks	Very knowledgeable		

Session (02-30PM to 05-30PM)				
Sl.No	DESCRIPTION	EXCELLENT	GOOD	POOR
1	How would you rate the presenter's knowledge on the concept?	✓		
2	How would you rate the concepts and Information provided by the Presenter?	✓		
3	What was your overall impression of the session?	✓		
4	Remarks	very knowledgeable		



Dr. G. R. Veerendra, M.E., Ph.D.
Prof. and Head
Dept. of Electrical & Electronics Engg.
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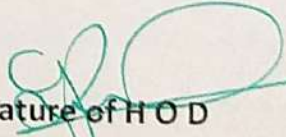

Signature of the Participants

Session Wise Attendance For The Add-On Course On Matlab Programming
And Its Applications In Engineering

16-07-2022

Sl.No.	USN	PARTICIPENT NAMES	S1	S2	S3	S4
1	4AI20EE018	MOUNA MANDARA C P				
2	4AI20EE019	NAIYARA TAJ	Naiyara Tj	Naiyara	Naiyara	Naiyara
3	4AI20EE020	NAYANA B H	Nayan	Nayan	Nayan	Nayan
4	4AI20EE023	PRADEEP B L	Pradeep.B.L	Pradeep.B.L	Pradeep.B.L	Pradeep.B.L
5	4AI20EE027	SANDESH S P	Sandesh.SP	Sandesh.S.P	Sandesh.S.P	Sandesh.S.P
6	4AI20EE028	SANVI A S	Sanvi	Sanvi	Sanvi	Sanvi
7	4AI20EE029	SHACHI RAJ K R	Shachi Raj.K.R.	Shachi Raj.K.R.	Shachi Raj.K.R.	Shachi Raj.K.R.
8	4AI20EE030	SOWMYA E P	Sowmya	Sowmya	Sowmya	Sowmya
9	4AI20EE031	SUSHMA S	Sushma	Sushma	Sushma	Sushma
10	4AI20EE032	UNNATHI C S	Unnathi	Unnathi	Unnathi	Unnathi
11	4AI20EE033	VARUN D N	Varun	Varun	Varun	Varun
12	4AI20EE035	YASHASWINI K T	Yash.K.T	Yash.K.T	Yash.K.T	Yash.K.T
13	4AI21EE409	MEGHA C C	Megha.C.C	Megha.C.C	Megha.C.C	Megha.C.C
14	4AI21EE410	MOULYA H A	Moulya	Moulya	Moulya	Moulya
15	4AI21EE411	PRASANNA A R	P	P	P	P
16	4AI20EC009	ANUSHREE C J	Anushree	Anushree	Anushree	Anushree
17	4AI20EC010	ARPITHA H S	Arpitha	Arpitha	Arpitha	Arpitha
18	4AI20EC011	ASHWINI KALARI	Ashwini	Ashwini	Ashwini	Ashwini
19	4AI20EC012	BASAVARAJU M M	Basav	Basav	Basav	Basav
20	4AI20EC013	BHAGYA SHREE K R	Bhagy	Bhagy	Bhagy	Bhagy


 Signature of coordinator


 Signature of H O D
 Dr. G. R. Veerendra, M.E., Ph.D
 Prof. and Head
 Dept. of Electrical & Electronics Engg.
 A.I.T., Chikkamagaluru-577102
 Karnataka - INDIA

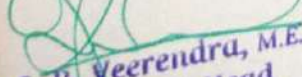
Date: 16-07-2022

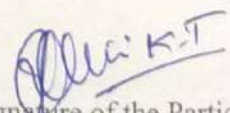
ADICHUNCHANAGIRI INSTITUTE OF
TECHNOLOGY, CHIKKAMAGALURU-577102.

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING
Add-On Course on MATLAB Programming and its applications in
Engineering
PARTICIPANTS FEEDBACK

Session (09-00 AM to 01-15PM)				
Sl.No	DESCRIPTION	EXCELLENT	GOOD	POOR
1	How would you rate the presenter's knowledge on the concept?	✓		
2	How would you rate the concepts and Information provided by the Presenter?	✓		
3	What was your overall impression of the session?	✓		
4	Remarks	—		

Session (02-30PM to 05-30PM)				
Sl.No	DESCRIPTION	EXCELLENT	GOOD	POOR
1	How would you rate the presenter's knowledge on the concept?	✓		
2	How would you rate the concepts and Information provided by the Presenter?	✓		
3	What was your overall impression of the session?	✓		
4	Remarks	—		

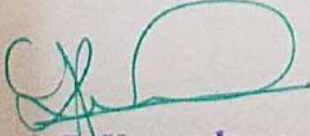

Dr. G. R. Veerendra, M.E., Ph.D
Prof. and Head
Dept. of Electrical & Electronics Engg.
A.I.T., Chikkamagaluru-577102
Karnataka - INDIA

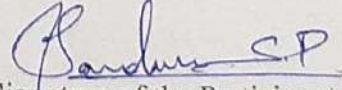

Signature of the Participants

**ADICHUNCHANAGIRI INSTITUTE OF
TECHNOLOGY, CHIKKAMAGALURU-577102.**
DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING
Add-On Course on MATLAB Programming and its applications in
Engineering
PARTICIPANTS FEEDBACK

Session (09-00 AM to 01-15PM)				
Sl.No	DESCRIPTION	EXCELLENT	GOOD	POOR
1	How would you rate the presenter's knowledge on the concept?	✓		
2	How would you rate the concepts and Information provided by the Presenter?	✓		
3	What was your overall impression of the session?	✓		
4	Remarks	—		

Session (02-30PM to 05-30PM)				
Sl.No	DESCRIPTION	EXCELLENT	GOOD	POOR
1	How would you rate the presenter's knowledge on the concept?	✓		
2	How would you rate the concepts and Information provided by the Presenter?	✓		
3	What was your overall impression of the session?	✓		
4	Remarks	—		

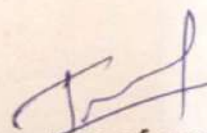

Dr. G. R. Veerendra, M.E., Ph.D
Prof. and Head
Dept. of Electrical & Electronics Engg.
A.I.T., Chikkamagaluru-577102
Karnataka - INDIA



Signature of the Participants

**Session Wise Attendance For The Add-On Course On Matlab Programming
And Its Applications In Engineering**

17-07-2022

Sl.No.	USN	PARTICIPENT NAMES	S1	S2	S3	S4
1	4AI20EE018	MOUNA MANDARA C P	Mouna C P	Mouna C P	Mouna C P	Mouna C P
2	4AI20EE019	NAIYARA TAJ	Naiyara	Naiyara	Naiyara	Naiyara
3	4AI20EE020	NAYANA B H	Nayana	Nayana	Nayana	Nayana
4	4AI20EE023	PRADEEP B L	Pradeep B L	Pradeep B L	Pradeep B L	Pradeep B L
5	4AI20EE027	SANDESH S P	Sandesh S P	Sandesh S P	Sandesh S P	Sandesh S P
6	4AI20EE028	SANVI A S	Sanvi A S	Sanvi A S	Sanvi A S	Sanvi A S
7	4AI20EE029	SHACHI RAJ K R	Shachi Raj K R	Shachi Raj K R	Shachi Raj K R	Shachi Raj K R
8	4AI20EE030	SOWMYA E P	Sowmya E P	Sowmya E P	Sowmya E P	Sowmya E P
9	4AI20EE031	SUSHMA S	Sushma S	Sushma S	Sushma S	Sushma S
10	4AI20EE032	UNNATHI C S	Unnathi C S	Unnathi C S	Unnathi C S	Unnathi C S
11	4AI20EE033	VARUN D N	Varun D N	Varun D N	Varun D N	Varun D N
12	4AI20EE035	YASHASWINI K T	Yashaswini K T	Yashaswini K T	Yashaswini K T	Yashaswini K T
13	4AI21EE409	MEGHA C C	Megha C C	Megha C C	Megha C C	Megha C C
14	4AI21EE410	MOULYA H A	Moulya H A	Moulya H A	Moulya H A	Moulya H A
15	4AI21EE411	PRASANNA A R	Prasanna A R	Prasanna A R	Prasanna A R	Prasanna A R
16	4AI20EC009	ANUSHREE C J	Anushree C J	Anushree C J	Anushree C J	Anushree C J
17	4AI20EC010	ARPITHA H S	Arpitha H S	Arpitha H S	Arpitha H S	Arpitha H S
18	4AI20EC011	ASHWINI KALARI	Ashwini Kalari	Ashwini Kalari	Ashwini Kalari	Ashwini Kalari
19	4AI20EC012	BASAVARAJU M M	Basavaraju M M	Basavaraju M M	Basavaraju M M	Basavaraju M M
20	4AI20EC013	BHAGYA SHREE K R	Bhagya Shree K R	Bhagya Shree K R	Bhagya Shree K R	Bhagya Shree K R


Signature of coordinator


Signature of H O D
Dr. G. R. Veerendra, M.E., Ph.D
Prof. and Head
Dept. of Electrical & Electronics Engg.
A.I.T., Chikkamagaluru-577102
Karnataka - INDIA

Date: 17-07-2022

ADICHUNCHANAGIRI INSTITUTE OF
TECHNOLOGY, CHIKKAMAGALURU-577102.

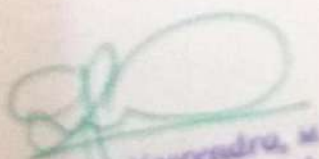
DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING.


Add-On Course on MATLAB Programming and its applications in
Engineering 1

PARTICIPANTS FEEDBACK

Session (09-00 AM to 01-15PM)				
Sl.No	DESCRIPTION	EXCELLENT	GOOD	POOR
1	How would you rate the presenter's knowledge on the concept?		✓	
2	How would you rate the concepts and information provided by the Presenter?		✓	
3	What was your overall impression of the session?		✓	
4	Remarks			

Session (02-30PM to 05-30PM)				
Sl.No	DESCRIPTION	EXCELLENT	GOOD	POOR
1	How would you rate the presenter's knowledge on the concept?		✓	
2	How would you rate the concepts and information provided by the Presenter?		✓	
3	What was your overall impression of the session?		✓	
4	Remarks			


Dr. G. R. Veerendra, M.E., M.D.
Prof. and Head
Dept. of Electrical & Electronics Engg.
A.J.T., Chikkamagaluru-577102
Kannada - 56214


Signature of the Participants

Date: 17-07-2022

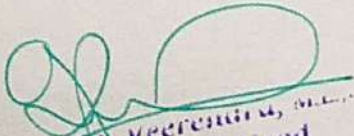
ADICHUNCHANAGIRI INSTITUTE OF
TECHNOLOGY, CHIKKAMAGALURU-577102.

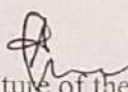
DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING
Add-On Course on MATLAB Programming and its applications in

Engineering
PARTICIPANTS FEEDBACK

Session (09-00 AM to 01-15PM)				
Sl.No	DESCRIPTION	EXCELLENT	GOOD	POOR
1	How would you rate the presenter's knowledge on the concept?	✓		
2	How would you rate the concepts and Information provided by the Presenter?	✓		
3	What was your overall impression of the session?	✓		
4	Remarks	We don't know about MAT lab but now we learnt something		

Session (02-30PM to 05-30PM)				
Sl.No	DESCRIPTION	EXCELLENT	GOOD	POOR
1	How would you rate the presenter's knowledge on the concept?	✓		
2	How would you rate the concepts and Information provided by the Presenter?	✓		
3	What was your overall impression of the session?	✓		
4	Remarks			

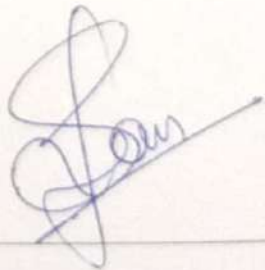

Dr. G. R. Veeranna, M.E.,
Prof. and Head
Dept. of Electrical & Electronics Engg
A.I.T., Chikkamagaluru-577102
Karnataka - INDIA

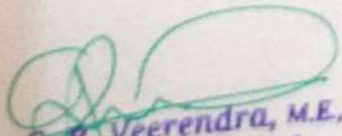

Signature of the Participants

**ADICHUNCHANAGIRI INSTITUTE OF
TECHNOLOGY, CHIKKAMAGALURU-577102.**

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING
Add-On Course on MATLAB Programming and its applications in
Engineering
PARTICIPANTS FEEDBACK

Session (09-00 AM to 01-15PM)				
Sl.No	DESCRIPTION	EXCELLENT	GOOD	POOR
1	How would you rate the presenter's knowledge on the concept?		/	
2	How would you rate the concepts and Information provided by the Presenter?		/	
3	What was your overall impression of the session?		/	
4	Remarks			

Session (02-30PM to 05-30PM)				
Sl.No	DESCRIPTION	EXCELLENT	GOOD	POOR
1	How would you rate the presenter's knowledge on the concept?		/	
2	How would you rate the concepts and Information provided by the Presenter?		/	
3	What was your overall impression of the session?		/	
4	Remarks			


Dr. G. R. Veerendra, M.E., Ph.D
Prof. and Head
Dept. of Electrical & Electronics Engg.
A.I.T., Chikkamagaluru-577102
Karnataka - INDIA

Signature of the Participants



FUNDAMENTALS

Opposite AIT Girls Hostel, Kalyananagar, Bypass Road, Jyothinagar, Chikkamagaluru - 577 102.

Certificate

This is to certify that

Mr./Ms. Sanvi. A.S. has

successfully participated in **Three Days Add-on Course on "MATLAB Programming and It's Applications in Engineering"** organized by the Department of Electrical and Electronics Engineering, Adichunchanagiri Institute of Technology, Chikkamagaluru from **15/07/2022 to 17/07/2022.**

MR. DHANANJAYA B
MANAGING DIRECTOR
FUNDAMENTALS

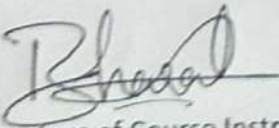
MR. BHARATH
RESOURCE PERSON
FUNDAMENTALS

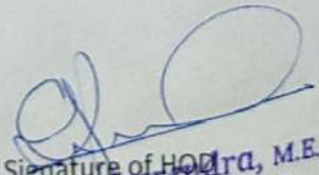
Adichunchanagiri Institute of Technology, Chikkamagaluru

Department of Electrical & Electronics Engineering

Assessment questions:

1. MATLAB stands for?
 - a) Matrix laboratory
 - b) math library
 - c) matric library
 - d) matrix library
2. Which command is used to clear a command window?
 - a) clear
 - b) close all
 - c) clc
 - d) clear all
3. To determine whether an input is MATLAB keyword, command is?
 - a) iskeyword
 - b) key word
 - c) inputword
 - d) isvarname
4. Command used to display the value of variable x.
 - a) displayx
 - b) disp(x)
 - c) disp x
 - d) vardisp('x')
5. Command is used to save command window text to file.
 - a) saveas
 - b) texttofile
 - c) diary
 - d) todiaary


Signature of Course Instructor


Signature of HOD
Dr. G. R. Veerendra, M.E., Ph.D
Prof. and Head
Dept. of Electrical & Electronics Engg.
A.I.T., Chikkamagaluru-577102
Karnataka - INDIA

Adichunchanagiri Institute of Technology, Chikkamagaluru

Department of Electrical & Electronics Engineering

Assessment

Name of the student: Prasanna. A.R.

1. MATLAB stands for?
 - a) Matrix laboratory ✓
 - b) math library
 - c) matric library
 - d) matrix library
2. Which command is used to clear a command window?
 - a) clear
 - b) close all
 - c) clc ✓
 - d) clear all
3. To determine whether an input is MATLAB keyword, command is?
 - a) iskeyword ✓
 - b) key word
 - c) inputword
 - d) isvarname
4. Command used to display the value of variable x.
 - a) displayx
 - b) disp(x) ✓
 - c) disp x
 - d) vardisp('x')
5. Command is used to save command window text to file.
 - a) saveas
 - b) texttofile
 - c) diary ✓
 - d) todiaary

ARP

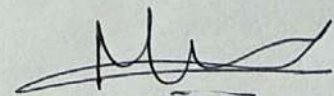
Signature of Student

Adichunchanagiri Institute of Technology, Chikkamagaluru
Department of Electrical & Electronics Engineering

Assessment

Name of the student: MEGHA. C. C.

1. MATLAB stands for?
 - a) Matrix laboratory ✓
 - b) math library
 - c) matric library
 - d) matrix library
2. Which command is used to clear a command window?
 - a) clear
 - b) close all
 - c) clc ✓
 - d) clear all
3. To determine whether an input is MATLAB keyword, command is?
 - a) iskeyword ✓
 - b) key word
 - c) inputword
 - d) isvarname
4. Command used to display the value of variable x.
 - a) displayx
 - b) disp(x) ✓
 - c) disp x
 - d) vardisp('x')
5. Command is used to save command window text to file.
 - a) saveas
 - b) texttofile
 - c) diary ✓
 - d) todiaary



Signature of Student

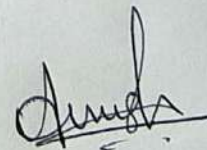
Adichunchanagiri Institute of Technology, Chikkamagaluru

Department of Electrical & Electronics Engineering

Assessment

Name of the student: *Anushree. C.J.*

1. MATLAB stands for?
 - a) Matrix laboratory ✓
 - b) math library
 - c) matric library
 - d) matrix library
2. Which command is used to clear a command window?
 - a) clear
 - b) close all
 - c) clc ✓
 - d) clear all
3. To determine whether an input is MATLAB keyword, command is?
 - a) iskeyword ✓
 - b) key word
 - c) inputword
 - d) isvarname
4. Command used to display the value of variable x.
 - a) displayx
 - b) disp(x) ✓
 - c) disp x
 - d) vardisp('x')
5. Command is used to save command window text to file.
 - a) saveas
 - b) texttofile
 - c) diary ✓
 - d) todiaary



Signature of Student



|| Jai Sri Ganesha ||
Sri Adichunchanagiri Shikshana Trust
Adichunchanagiri Institute of Technology

Chikkamagaluru - 577102, Karnataka
(Affiliated to Visvesvaraya Technological University, Belagavi,
Approved by AICTE, New Delhi and Recognized by Govt. of Karnataka)
ACCREDITED BY NAAC, N.S.I., ISO 9001:2015 CERTIFIED



Report on Add-On Course CAD

Resource Person: Mrs. Poshitha .B (Assistant Professor)

Mrs. Kavitha K.M (Assistant Professor)

Mr. Vinay kumar M.B (Assistant Professor)

Mr. Joysun D'souza (Assistant Professor)

Mr. Sridhar N.H (Assistant Professor)

Organized by
Department of Electrical & Electronics Engineering
Date-15th to 17th July 2022



|| Jai Sri Gurudev ||



SRI ADICHUNCHANAGIRI SHIKSHANA TRUST ®
ADICHUNCHANAGIRI INSTITUTE OF TECHNOLOGY, CHIKKAMAGALURU
P.B No.91, Adichunchanagiri Extension, Chikkamagaluru-577 102, Karnataka, India.

Ref: AIT/IQAC/E&E/

Date: 10/07/2022

Circular

Department of Electrical and Electronics Engineering is conducting a Certificate Program (Add-on Program) on "**Computer Aided Electrical drawing**" from **15/07/2022 to 17/07/2022**. All other HOD's instruct the concern department students to attend the program. Following resource person (Course instructor) is conducting a certificate program at E&E Department.

Course Instructors:

POSHITHA B

Assistant Professor

Department of Electrical and Electronics Engineering

AIT, Chikkamagaluru.

HOD's Signature
Dr. G. R. Vasirendra, M.E., Ph.D
Prof. and Head
Dept of Electrical & Electronics Engg
A.I.T., Chikkamagaluru-577102
Karnataka - INDIA

Changappa
Principal Signature

SCHEDULE

Add-On Course On Computer Aided Electrical drawing

Sl. No	Date	session	Speaker
<u>1</u>	15/7/2022	9.00 A.M to 11 A.M	K M Kavitha
<u>2</u>	15/7/2022	11.15 A M to 1.15 P M	Poshitha B
<u>3</u>	15/7/2022	2.30 P M to 5.30 P M	Jayadevamurthy M R K M Kavitha Poshitha B
<u>4</u>	16/7/2022	9.00 A.M to 11 A.M	Joysun Dsouza
<u>5</u>	16/7/2022	11.15 A M to 1.15 P M	M B Vinaya Kumara
<u>6</u>	16/7/2022	2.30 P M to 5.30 P M	Jayadevamurthy M R Joysun Dsouza M B Vinaya Kumara
<u>7</u>	17/7/2022	9.00 A.M to 11 A.M	T M Vasantha Kumara
<u>8</u>	17/7/2022	11.15 A M to 1.15 P M	T M Vasantha Kumara
<u>9</u>	17/7/2022	2.30 P M to 5.30 P M	N H Shridhar

Coordinators

1) Kavitha K.M
(KAVITHA K.M)

2) Poshitha B
(POSHITHA B)

Signature of Dr. G. A. Veerendranath M.E. Ph.D
Prof. and Head HOD
Dept. of Electrical & Electronics Engg
A.I.T., Chikkamagaluru-577102
Karnataka - INDIA

Contents of Add-On Course On Computer Aided Electrical drawing

Sl.No	Contents	No of Hours	Hands on Training AUTO CAD
1	Single Line Diagrams: Single Line Diagrams of Generating Stations and Substations Covering Incoming Circuits, Outgoing Circuits, Busbar Arrangements, Power Transformers, Circuit Breakers, Isolators, Earthing Switches, Instrument Transformers, Surge or Lightning Arresters.	8	
2	Winding Diagrams: (a) Developed Winding Diagrams of D.C. Machines: Simplex Double Layer Lap and Wave Windings. (b) Developed Winding Diagrams of A.C. Machines: (c) Integral and Fractional Slot Double Layer Three Phase Lap and Wave Windings. (d) Single Layer Windings.	8	
3	Electrical Machine Assembly Drawings Using Design Data, Sketches or Both: Transformers - Sectional Views Of Single And Three Phase Core And Shell Type Transformers.	8	
4	Electrical Machine Assembly Drawings Using Design Data, Sketches or Both: D.C. Machine - Sectional Views of Yoke with Poles, Armature and Commutator dealt separately.	8	
5	Electrical Machine Assembly Drawings Using Design Data, Sketches or Both: Alternator - Sectional Views of Stator and Rotor dealt separately.	8	

Coordinators

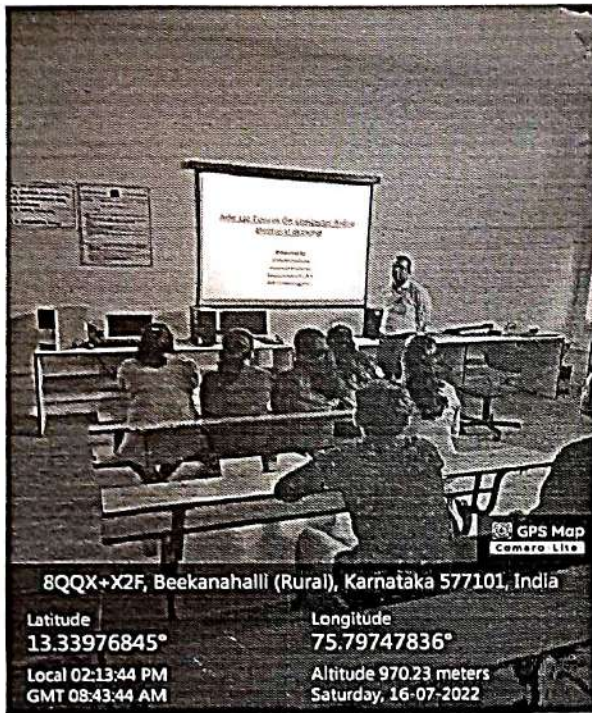
- 1) Kavitha K.M
- 2) Prabhakar B


 Signature of ~~Dr. G. R. Veerendra~~
Dr. G. R. Veerendra, M.B., Ph.D.
 Prof. and Head
 Dept. of Electrical & Electronics Engg.
 A.I.T., Chikkamagaluru-577102
 Karnataka - INDIA

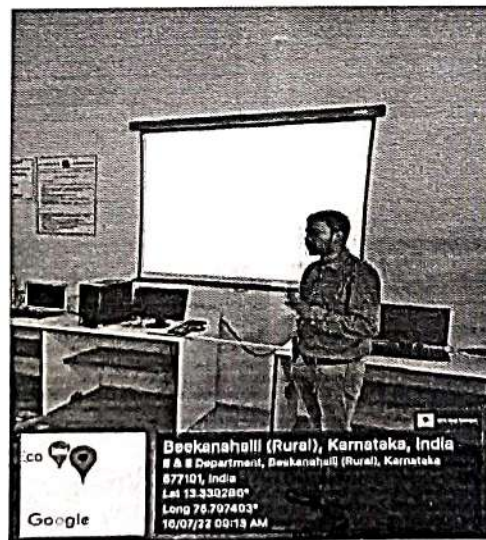
A three day add-on course was conducted from 15th to 16th July 2022 with a registration count of 50 students. The course was designed to make students conversant and understand about electrical designing. Auto CAD software is primarily used by architects, engineers, and structural designers to design, draft, and model buildings and other structures. Autodesk software has been used in many fields, from the New York Freedom Tower to Tesla electric cars. Autodesk became best known for AutoCAD but now develops a broad range of software for design, engineering, and entertainment as well as a line of software for consumers, including Sketchbook, Homestyler, and Pixlr.



Session delivered by Mrs. Kavitha K.M and Poshitha .B



Session delivered on 16-7-2022 by Mr. Vinay kumar M.B and Mr. Joysun D'souza

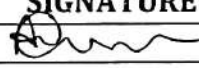
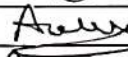
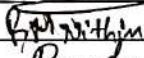
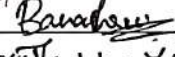
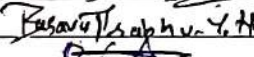

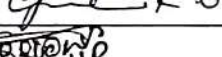
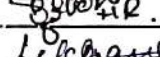

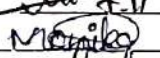
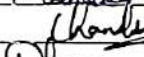
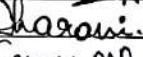
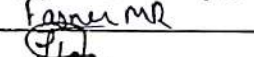
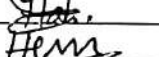

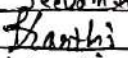
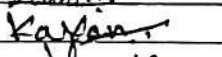
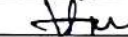




Session delivered on 17-07-2022 by Mr. Sridhar N.H


ADICHUNCHANAGIRI INSTITUTE OF TECHNOLOGY: CHIKMAGALUR
Department of Electrical & Electronics Engineering

The following students are registered for the Add-On Course on
Computer Aided Electrical drawing

From 15/7/2022 to 17/07/2022 (27 hours)

Sl.No.	USN	PARTICIPENT NAMES	SIGNATURE
1	4AI20EE003	ANKITHA C R	
2	4AI20EE004	ARYAN S R	
3	4AI20EE005	B M NITHIN	
4	4AI20EE006	BANASHREE S	
5	4AI20EE007	BASAVA PRABHU Y H	
6	4AI20EE012	GAHAN R	
7	4AI20EE013	GUDDADESH UPPAR K O	
8	4AI20EE014	KRUTHI H R	
9	4AI20EE015	LEKHANA D	
10	4AI20EE016	MITHA TV URS	
11	4AI20EE017	MONIKA K	
12	4AI21EE402	CHANDANA C M	
13	4AI21EE403	DHARANI G R	
14	4AI21EE404	FASNA M R	
15	4AI20EC031	HARSHITHA M K	
16	4AI20EC032	HEMA C S	
17	4AI20EC033	JEEVAN KUMAR G P	
18	4AI20EC034	KARTHIK B S	
19	4AI20EC035	KAVANA S NAIK	
20	4AI20EC031	HARSHITHA M K	

1. 
 2. 
 Signature of coordinator


 Signature of H.O.D.
Dr. G. R. Veerendra, M.E., Ph.D
 Prof. and Head
 Dept. of Electrical & Electronics Engg
 A.I.T., Chikkamagaluru-577102
 Karnataka - INDIA

Session Wise Attendance Form

The Add-On Course On Computer Aided Electrical drawing

15-07-2022

Sl.No.	USN	PARTICIPENT NAMES	S1	S2	S3	S4
1	4AI20EE003	ANKITHA C R				
2	4AI20EE004	ARYAN S R	Aryan.s	Aryan.s	Aryan.s	Aryan.s
3	4AI20EE005	B M NITHIN				
4	4AI20EE006	BANASHREE S				
5	4AI20EE007	BASAVA PRABHU Y H				
6	4AI20EE012	GAHAN.R				
7	4AI20EE013	GUDDADESH UPPAR K O				
8	4AI20EE014	KRUTHI H R				
9	4AI20EE015	LEKHANA D				
10	4AI20EE016	MITHA TV URS				
11	4AI20EE017	MONIKA K				
12	4AI21EE402	CHANDANA C M				
13	4AI21EE403	DHARANI G R				
14	4AI21EE404	FASNA M R				
15	4AI20EC031	HARSHITHA M K				
16	4AI20EC032	HEMA C S				
17	4AI20EC033	JEEVAN KUMAR G P				
18	4AI20EC034	KARTHIK B S				
19	4AI20EC035	KAVANA S NAIK				
20	4AI20EC031	HARSHITHA M K				

1. Ankitha K.M

2. Polthara B

Signature of coordinator

Signature of H O D

Dr. G. R. Veerendra, M.E., Ph.D
 Prof. and Head
 Dept. of Electrical & Electronics Engg.
 A.I.T., Chikkamagaluru-577102
 Karnataka - INDIA

Session Wise Attendance Form

The Add-On Course On Computer Aided Electrical drawing

16-07-2022

Sl.No.	USN	PARTICIPENT NAMES	S1	S2	S3	S4
1	4AI20EE003	ANKITHA C R	Ankitha	Ankitha	Ankitha	Ankitha
2	4AI20EE004	ARYAN S R	Aryans	Aryans	Aryans	Aryans
3	4AI20EE005	B M NITHIN	BM	NM	NM	NM
4	4AI20EE006	BANASHREE S	Banashree	Banashree	Banashree	Banashree
5	4AI20EE007	BASAVA PRABHU Y H	Basava	Basava	Basava	Basava
6	4AI20EE012	GAHAN R	GA	GA	GA	GA
7	4AI20EE013	GUDDADESH UPPAR K O	Gudesh	Gudesh	Gudesh	Gudesh
8	4AI20EE014	KRUTHI H R	KRUTHI	KRUTHI	KRUTHI	KRUTHI
9	4AI20EE015	LEKHANA D	Lekhana	Lekhana	Lekhana	Lekhana
10	4AI20EE016	MITHA TV URS	Mitha	Mitha	Mitha	Mitha
11	4AI20EE017	MONIKA K	monika	monika	monika	monika
12	4AI21EE402	CHANDANA C M	chand	chand	chand	chand
13	4AI21EE403	DHARANI G R	Dharani	Dharani	Dharani	Dharani
14	4AI21EE404	FASNA M R	Fas	Fas	Fas	Fas
15	4AI20EC031	HARSHITHA M K	Har	Har	Har	Har
16	4AI20EC032	HEMA C S	H	H	H	H
17	4AI20EC033	JEEVAN KUMAR G P	Jeevan	Jeevan	Jeevan	Jeevan
18	4AI20EC034	KARTHIK B S	Kar	Kar	Kar	Kar
19	4AI20EC035	KAVANA S NAIK	Kav	Kav	Kav	Kav
20	4AI20EC031	HARSHITHA M K	Har	Har	Har	Har

1. Ankitha K.M

2. Post teacher

Signature of coordinator


Signature of H O D

Dr. G. R. Veerendra, M.B., Ph.D.
Prof. and Head
Dept. of Electrical & Electronics Engg
A.I.T., Chikkamagaluru-577102
Karnataka - INDIA

Session Wise Attendance Form

The Add-On Course On Computer Aided Electrical drawing


17-07-2022

Sl.No.	USN	PARTICIPENT NAMES	S1	S2	S3	S4
1	4AI20EE003	ANKITHA C R	Ankitha	Ankitha	Ankitha	Ankitha
2	4AI20EE004	ARYAN S R	Aryan S	Aryan S	Aryan S	Aryan S
3	4AI20EE005	B M NITHIN	BM Nithin	BM Nithin	BM Nithin	BM Nithin
4	4AI20EE006	BANASHREE S	Banashree S	Banashree S	Banashree S	Banashree S
5	4AI20EE007	BASAVA PRABHU Y H	Basava	Basava	Basava	Basava
6	4AI20EE012	GAHAN R	Gahan R	Gahan R	Gahan R	Gahan R
7	4AI20EE013	GUDDADESH UPPAR K O	Gudesh	Gudesh	Gudesh	Gudesh
8	4AI20EE014	KRUTHI H R	Kruthi	Kruthi	Kruthi	Kruthi
9	4AI20EE015	LEKHANA D	Lekhana D	Lekhana D	Lekhana D	Lekhana D
10	4AI20EE016	MITHA TV URS	Mitha	Mitha	Mitha	Mitha
11	4AI20EE017	MONIKA K	Monika	Monika	Monika	Monika
12	4AI21EE402	CHANDANA C M	Chandana	Chandana	Chandana	Chandana
13	4AI21EE403	DHARANI G R	Dharani GR	Dharani GR	Dharani GR	Dharani GR
14	4AI21EE404	FASNA M R	Fasna	Fasna	Fasna	Fasna
15	4AI20EC031	HARSHITHA M K	Harshitha	Harshitha	Harshitha	Harshitha
16	4AI20EC032	HEMA C S	Hema	Hema	Hema	Hema
17	4AI20EC033	JEEVAN KUMAR G P	Jeevan	Jeevan	Jeevan	Jeevan
18	4AI20EC034	KARTHIK B S	Karthik	Karthik	Karthik	Karthik
19	4AI20EC035	KAVANA S NAIK	Kavana	Kavana	Kavana	Kavana
20	4AI20EC031	HARSHITHA M K	Harshitha	Harshitha	Harshitha	Harshitha

1. Kanitha K.M

2. Politha B

Signature of coordinator


 Signature of H-O-D
Dr. G. R. Veerendra, M.E., Ph.D
 Prof. and Head
 Dept. of Electrical & Electronics Engg.
 A.I.T., Chikkamagaluru-577102
 Karnataka - INDIA

ADICHUNCHANAGIRI INSTITUTE OF TECHNOLOGY: CHIKMAGALUR
Department of Electrical & Electronics Engineering

The following students are registered for the Add-On Course on
Computer Aided Electrical drawing

From 15/7/2022 to 17/07/2022 (27 hours)

Sl.No.	USN	PARTICIPENT NAMES	SIGNATURE
1	4AI20EE003	ANKITHA C R	
2	4AI20EE004	ARYAN S R	
3	4AI20EE005	B M NITHIN	
4	4AI20EE006	BANASHREE S	
5	4AI20EE007	BASAVA PRABHU Y H	
6	4AI20EE012	GAHAN R	
7	4AI20EE013	GUDDADESH UPPAR K O	
8	4AI20EE014	KRUTHI H R	
9	4AI20EE015	LEKHANA D	
10	4AI20EE016	MITHA TV URS	
11	4AI20EE017	MONIKA K	
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18	4AI20EC034	KARTHIK B S	
19	4AI20EC035	KAVANA S NAIK	
20	4AI20EC031	HARSHITHA M K	

1.

2.

Signature of coordinator

Signature of H.O.D.,
Dr. G. R. Veerendra, M.B., Ph.D
 Prof. and Head
 Dept. of Electrical & Electronics Engg.
 A.I.T., Chikkamagaluru-577102
 Karnataka - INDIA

Date: 15-07-2022

**ADICHUNCHANAGIRI INSTITUTE OF TECHNOLOGY,
CHIKKAMAGALURU-577102.**

**DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING
Add-On Course on Computer Aided Electrical Drawing
PARTICIPANTS FEEDBACK**

Session (09-00 AM to 01-15PM)				
Sl.No	DESCRIPTION	EXCELLENT	GOOD	POOR
1	How would you rate the presenter's knowledge on the concept?	✓		
2	How would you rate the concepts and Information provided by the Presenter?	✓		
3	What was your overall Impression of the session?	✓		
4	Remarks	Good		

Session (02-30PM to 05-30PM)				
Sl.No	DESCRIPTION	EXCELLENT	GOOD	POOR
1	How would you rate the presenter's knowledge on the concept?	✓		
2	How would you rate the concepts and Information provided by the Presenter?	✓		
3	What was your overall impression of the session?	✓		
4	Remarks	Good		

Coordinators

1) Kavitha K.M

2) PB

Ankita

Signature of the Participants

Date: 15-07-2022

**ADICHUNCHANAGIRI INSTITUTE OF TECHNOLOGY,
CHIKKAMAGALURU-577102.**

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

**Add-On Course on Computer Aided Electrical Drawing
PARTICIPANTS FEEDBACK**

Session (09-00 AM to 01-15PM)				
Sl.No	DESCRIPTION	EXCELLENT	GOOD	POOR
1	How would you rate the presenter's knowledge on the concept?	✓		
2	How would you rate the concepts and Information provided by the Presenter?	✓		
3	What was your overall impression of the session?	✓		
4	Remarks			

Session (02-30PM to 05-30PM)				
Sl.No	DESCRIPTION	EXCELLENT	GOOD	POOR
1	How would you rate the presenter's knowledge on the concept?	✓		
2	How would you rate the concepts and Information provided by the Presenter?	✓		
3	What was your overall impression of the session?	✓		
4	Remarks			

Coordinators

1) Kanutha K.M

2) PB

Amyc
Signature of the Participants

Date: 15-07-2022

ADICHUNCHANAGIRI INSTITUTE OF TECHNOLOGY,
CHIKKAMAGALURU-577102.

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

Add-On Course on Computer Aided Electrical Drawing
PARTICIPANTS FEEDBACK

Session (09-00 AM to 01-15PM)				
Sl.No	DESCRIPTION	EXCELLENT	GOOD	POOR
1	How would you rate the presenter's knowledge on the concept?	✓		
2	How would you rate the concepts and Information provided by the Presenter?	✓		
3	What was your overall impression of the session?	✓		
4	Remarks			

Session (02-30PM to 05-30PM)				
Sl.No	DESCRIPTION	EXCELLENT	GOOD	POOR
1	How would you rate the presenter's knowledge on the concept?	✓		
2	How would you rate the concepts and Information provided by the Presenter?	✓		
3	What was your overall impression of the session?	✓		
4	Remarks	F		

Coordinators

1) Kaivalya K.M

2) PB.

B.M.N.
Signature of the Participants

Date: 15-07-2022

ADICHUNCHANAGIRI INSTITUTE OF TECHNOLOGY,
CHIKKAMAGALURU-577102.

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

Add-On Course on Computer Aided Electrical Drawing
PARTICIPANTS FEEDBACK

Session (09-00 AM to 01-15PM)				
Sl.No	DESCRIPTION	EXCELLENT	GOOD	POOR
1	How would you rate the presenter's knowledge on the concept?	✓		
2	How would you rate the concepts and Information provided by the Presenter?	✓		
3	What was your overall impression of the session?	✓		
4	Remarks			

Session (02-30PM to 05-30PM)				
Sl.No	DESCRIPTION	EXCELLENT	GOOD	POOR
1	How would you rate the presenter's knowledge on the concept?	✓		
2	How would you rate the concepts and Information provided by the Presenter?	✓		
3	What was your overall impression of the session?	✓		
4	Remarks			

Coordinators

1) Ravitha K.M

2) P.B.

Signature of the Participants

|| Jai Sri Gurudev ||

Sri Adichunchanagiri Shikshana Trust (R)

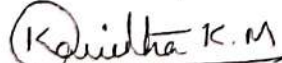
ADICHUNCHANAGIRI INSTITUTE OF TECHNOLOGY


CHIKKAMAGALURU-577 102

Department of Electrical & Electronics Engineering

Certificate of Participation

This is to certify that Ankitha. C.R. has successfully completed the add on course on “Computer Aided Electrical Drawing” from 15th to 17th July 2022 ,organized by Department of Electrical and Electronics Engineering.


Prof. Kavitha K M
Staff co-ordinator


Dr. G.R. Veerandra
H.O.D



|| Sri Sri Gurudev ||
Sri Adichunchanagiri Shikshana Trust
Adichunchanagiri Institute of Technology

Chikkamagaluru - 577102, Karnataka
(Affiliated to Visvesvaraya Technological University, Belagavi,
Approved by AICTE, New Delhi and Recognized by Govt. of Karnataka)
ACCREDITED BY NAAC, NBA, ISO 9001:2008 CERTIFIED



Report on

Three Day Add-On Course

Introduction to LABVIEW

Organized by

Department of Electrical & Electronics Engineering

Date-15th to 17th July 2022

A three day add-on course was conducted from 15th to 17th July 2022 with a registration count of 30 students. During 30 hours of the LABVIEW course, students will learn about the latest and advanced features of LABVIEW with hands-on labs, exercises, and use-cases. The LabView course content offers topic-based learning on Function palette, Structures, VI Properties & Application Control, Plotting Data and Design Patterns. It covered solid fundamental knowledge on core concepts with a practical approach. Such exposure to the current industry use-cases and scenarios will help learners scale up their skills and perform real-time projects with the best practices.



|| Jai Sri Gurudev ||



**SRI ADICHUNCHANAGIRI SHIKSHANA TRUST ®
ADICHUNCHANAGIRI INSTITUTE OF TECHNOLOGY,
CHIKKAMAGALURU**

P.B No.91, Adichunchanagiri Extension, Chikkamagaluru-577 102, Karnataka, India.

Ref: AIT/IQAC/E&E/

Date: 14/07/2022

Circular

Department of Electrical and Electronics Engineering is conducting a Certificate Program (Add-on Program) on **LABVIEW** from **15/07/2022** to **17/07/2022**. All other HOD's instruct the concern department students to attend the program. Following resource person (Course instructor) is conducting a certificate program at E&E Department.

Course Instructors:

Dr. G.R Veerendra

(H.O.D of E&E)

Mrs. Rumana Ali

(Ass. Professor)

Mr. Vasantha Kumar T.M

(Ass. Professor)

Dr. G. R. Veerendra, M.E., Ph.D
HOD's Signature
Prof. and Head
Dept. of Electrical & Electronics Engg.
A.I.T., Chikkamagaluru-577102
Karnataka - INDIA

Principal Signature

Syllabus Of Labview

Sl.No	Contents	Hands on Training using LABVIEW
1	Introduction to labview, data acquisition analysis, and display operations	
2	Interfaces with charts, graph and buttons	
3	Programming structures and data types, editing and debugging techniques	
4	Read & write data , Save VI's and sub VI's	

ADICHUNCHANAGIRI INSTITUTE OF TECHNOLOGY: CHIKMAGALUR
Department of Electrical & Electronics Engineering

The following students are registered for the Add-On Course on

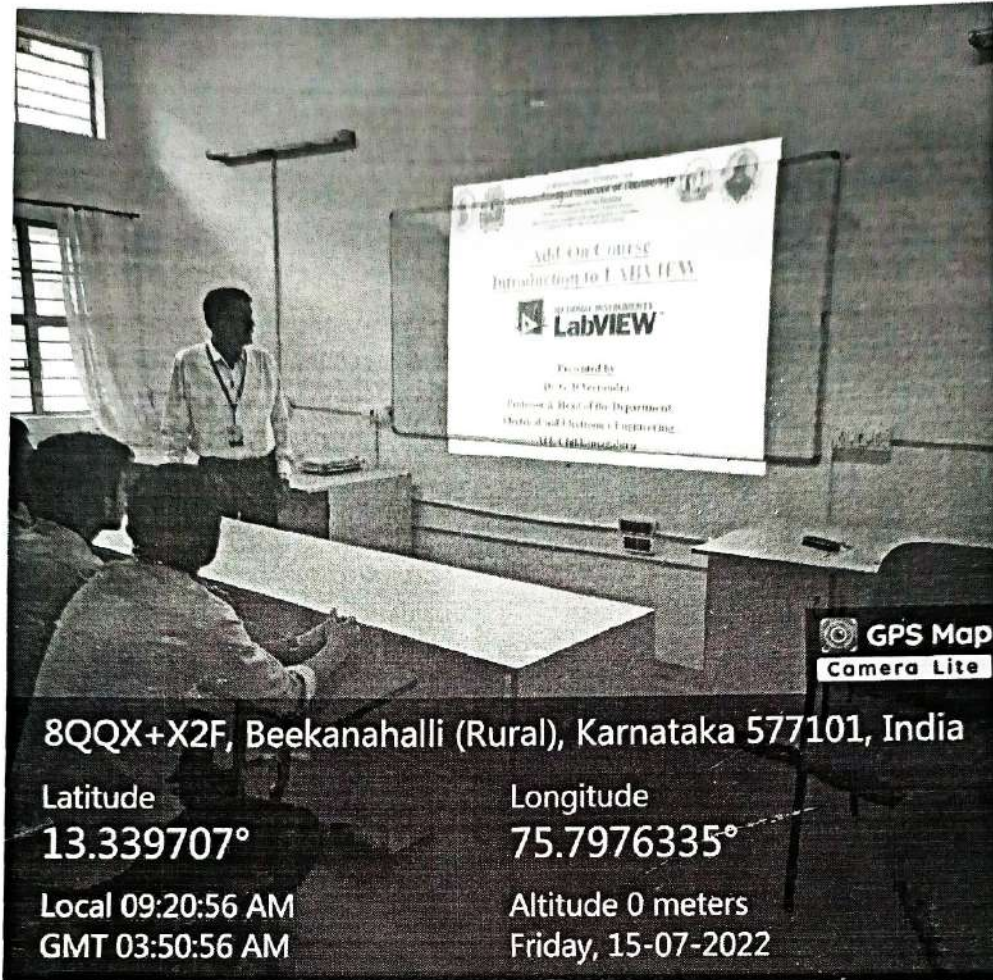
INTRODUCTION TO LABVIEW

From 15/7/2022 to 1 /07/2022 (36 hours)

Sl.No	USN	PARTICIPANT NAMES	SIGNATURE
1	4AI20EE001	ADARSH PATEL C H	Adarsh
2	4AI20EE002	AMAN ALI	Aman
3	4AI20EE008	BHARGAVI P	Bhargavi P.
4	4AI20EE009	CHANDANA M B	Chandana M.B
5	4AI20EE010	DHANUSH S S.	Dhanush S.S.
6	4AI20EE021	NAYANA S S	Nayana S.S.
7	4AI20EE022	NISARGA A	Nisarga A, Nisarga, A
8.	4AI20EE025	PREMSAGAR B S	PremSagar B.S
9	4AI20EE026	RAKESH GOWDA H P	Rake H
10	4AI20EE034	VINAY K	Vinay
11	4AI20EE036	MANOJ B R	Manoj B.R.
12	4AI21EE400	ABHISHEK S	Abhishek S
13	4AI21EE401	BHARATH SHETTY A H	Bharath
14	4AI21EE405	KAVYA K R	Kavya K.R
15	4AI21EE406	KAVYASHREE G U	Kavyashree G.U
16	4AI21EE407	KIRAN KUMAR S	Kiran Kumar S
17	4AI21EE408	LIKITHA PATEL N T	Likitha Patel
18	4AI21EE412	PRAVEENA P D	Praveena P.D
19	4AI21EE413	SHASHI KUMAR C M	Shashi Kumar C.M
20	4AI21EE415	SUPRIYA T A	Supriya T.A
21	4AI21EE416	THEJASWINI H D	Thejaswini H.D
22	4AI20EC037	KAVYASHREE URS C N	KCN
23	4AI20EC038	KUSUMA B K	Kusuma
24	4AI20EC039	LIKHITH H D	Likhith
25	4AI20EC040	MADAN C R	Madan C.R
26	4AI20EC041	MADDI ITHIHAS	Naddi
27	4AI20EC037	KAVYASHREE URS C N	Kavyashree
28	4AI20EE028	SANVI .A.S	Sanvi.A.S
29	4AI21EE411	prasanna -A R	Prasanna A.R
30			

Signature of coordinator

Signature of H O D
Dr. G. R. Veerendra, M.E., Ph.D
Prof. and Head
Dept. of Electrical & Electronics Engg
A.I.T., Chikkamagaluru-577102
Karnataka - INDIA



8QQX+X2F, Beekanhalli (Rural), Karnataka 577101, India

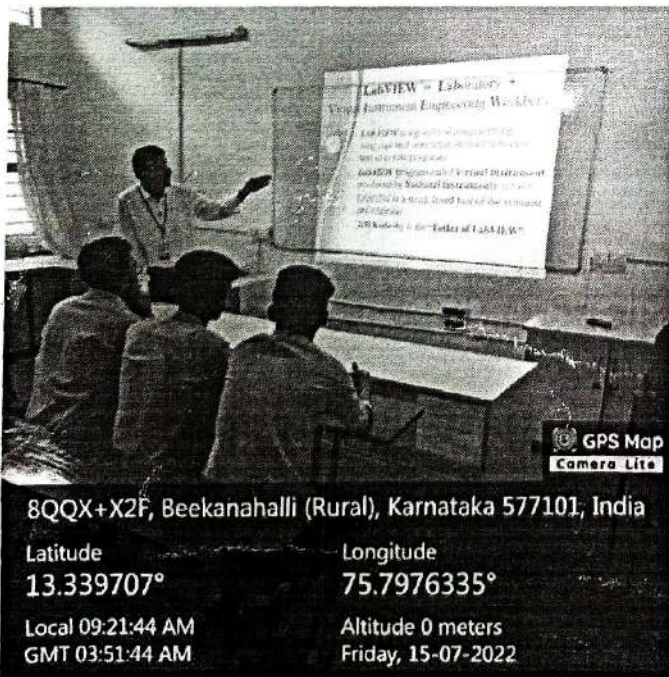
Latitude
13.339707°

Longitude
75.7976335°

Local 09:20:56 AM
GMT 03:50:56 AM

Altitude 0 meters
Friday, 15-07-2022

Introduction Session one delivered by Dr. G.R Veerandra



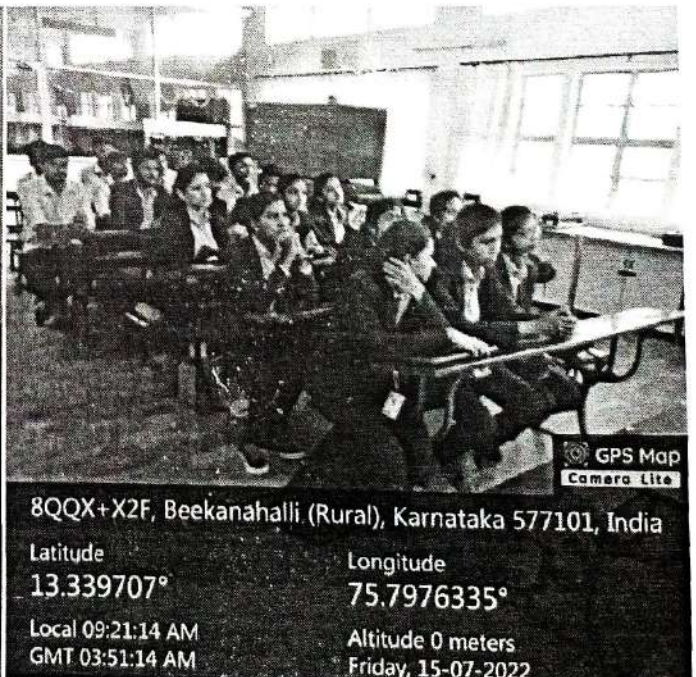
8QQX+X2F, Beekanhalli (Rural), Karnataka 577101, India

Latitude
13.339707°

Longitude
75.7976335°

Local 09:21:44 AM
GMT 03:51:44 AM

Altitude 0 meters
Friday, 15-07-2022



8QQX+X2F, Beekanhalli (Rural), Karnataka 577101, India

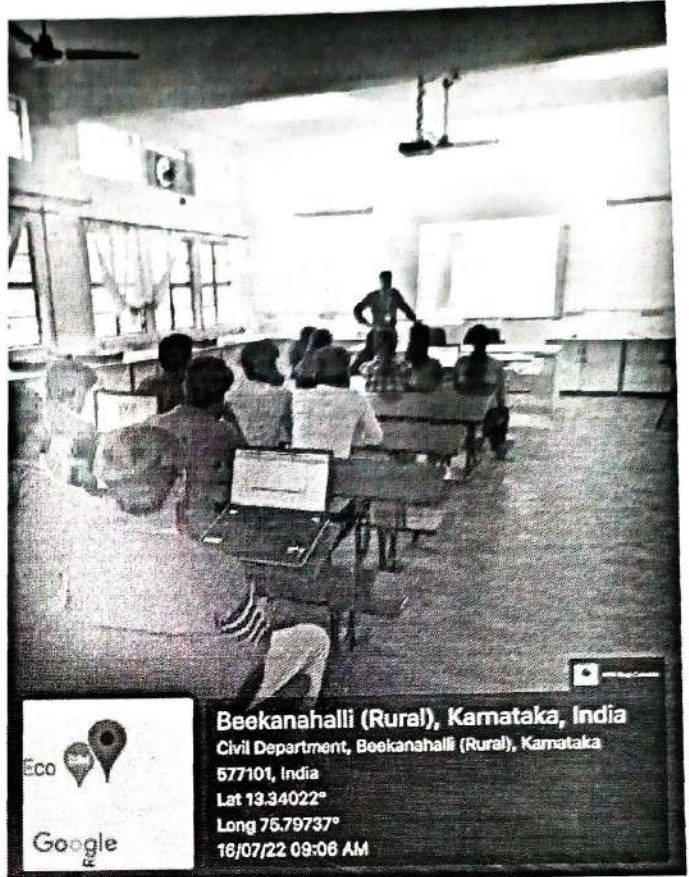
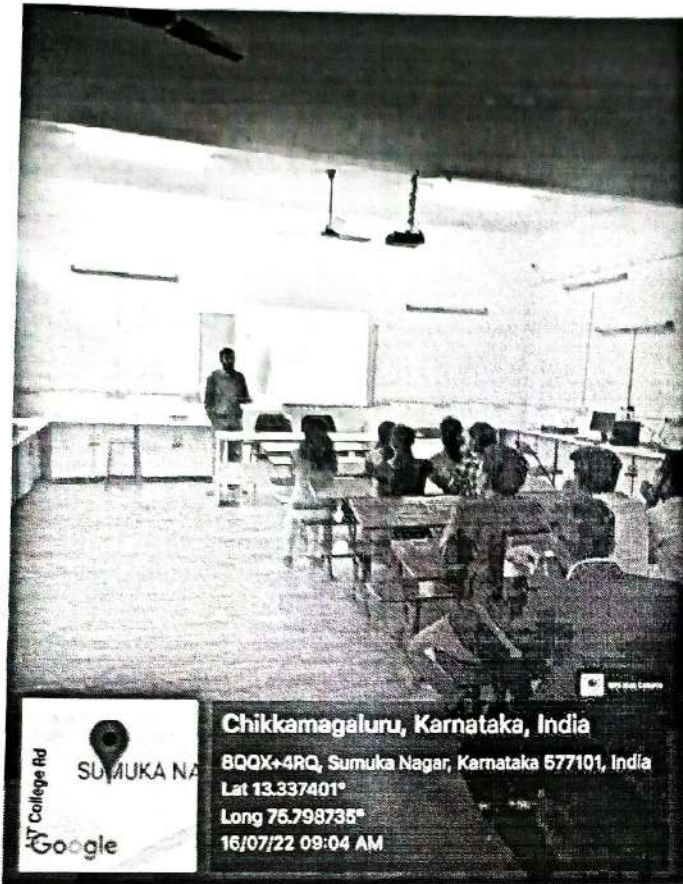
Latitude
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Longitude
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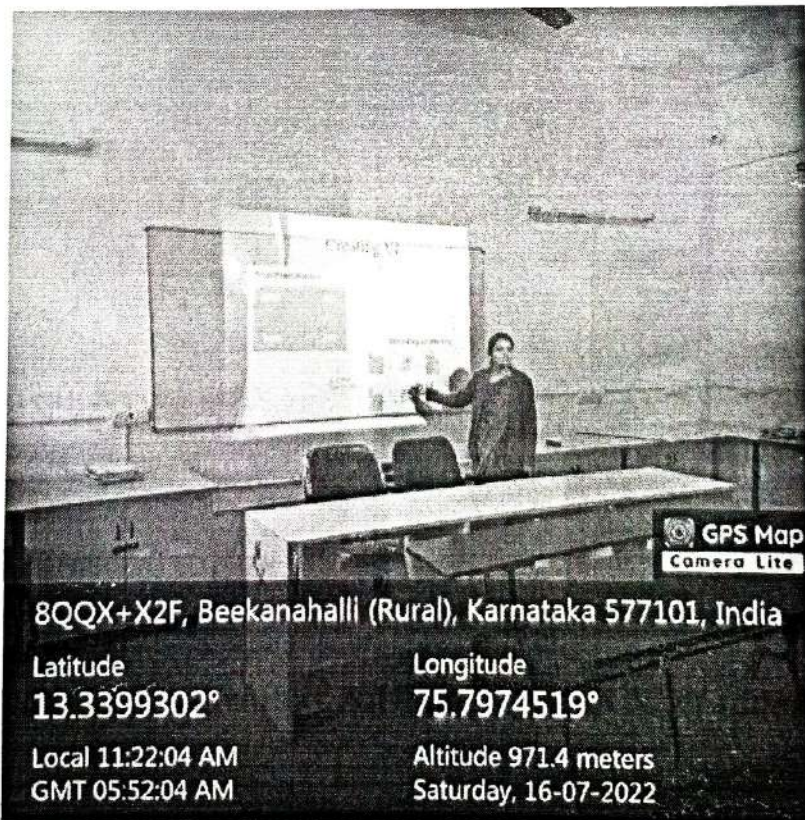
Local 09:21:14 AM
GMT 03:51:14 AM

Altitude 0 meters
Friday, 15-07-2022

Session on 15-07-2022



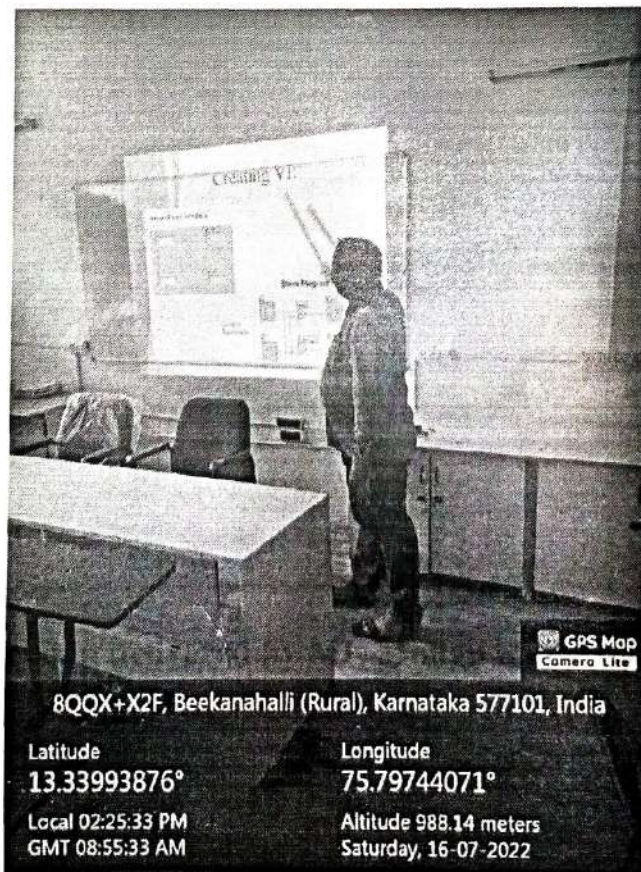
Session delivered by Mr. Shridhar N.H and Dr. G.R Veerandra on 16-07-2022



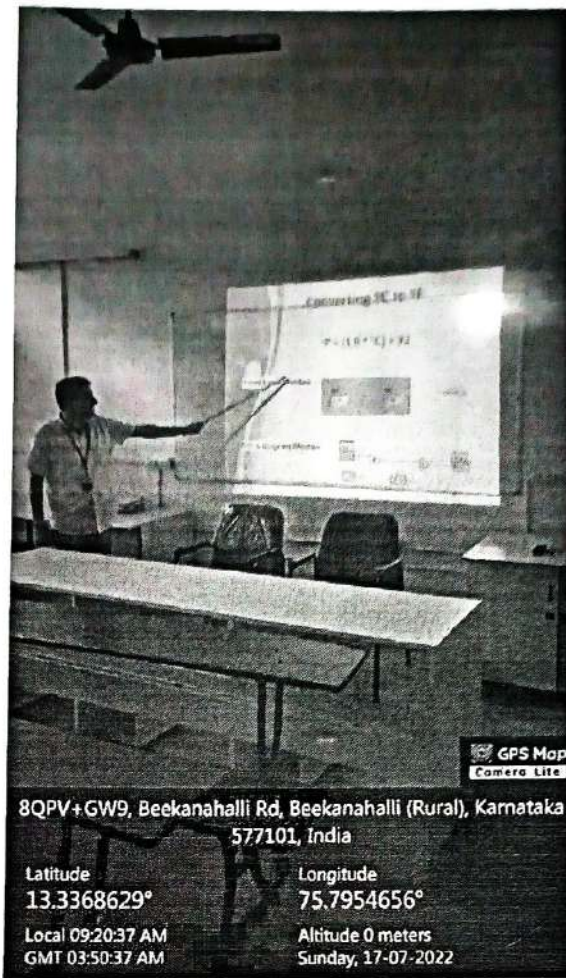
Session delivered by Mrs. Rumana Ali on 16-07-2022



Afternoon Session delivered by Mr. Mohan Kumar on 16-07-2022



Session delivered by Mr. Vasantha Kumar on 16-07-2022



Session delivered by Dr. G.R Veerandra on 17-07-2022

Outcome of the Add-on course

The students were be able to

1. Use Lab VIEW to create data acquisition, analysis and display operations
2. Create user interfaces with charts, graph and buttons
3. Use the programming structures and data types that exist in Lab VIEW
4. Use various editing and debugging techniques
5. Create and save VIs for use as Sub VIs
6. Read and write data to files.

Session Wise Attendance Form

Add-On Course On introduction to LABVIEW

Date: 15/07/22

Sl.No.	USN	PARTICIPANT NAMES	S1	S2	S3	S4
1	4AI20EE001	ADARSH PATEL C H	Adarsh	Adarsh	Adarsh	Adarsh
2	4AI20EE002	AMAN ALI	Amann	Amann	Amann	Amann
3	4AI20EE008	BHARGAVI P	Bhargavi	Bhargavi	Bhargavi	Bhargavi
4	4AI20EE009	CHANDANA M B	chandan	chandan	chandan	chandan
5	4AI20EE010	DHANUSH S S	Dhanush	Dhanush	Dhanush	Dhanush
6	4AI20EE021	NAYANA S S	Nayana	Nayana	Nayana	Nayana
7	4AI20EE022	NISARGA A	Nisarga	Nisarga	Nisarga	Nisarga
8	4AI20EE025	PREMSAGAR B S	Premasagar	Premasagar	Premasagar	Premasagar
9	4AI20EE026	RAKESH GOWDA H P	Rakesh	Rakesh	Rakesh	Rakesh
10	4AI20EE034	VINAY K	Vinay	Vinay	Vinay	Vinay
11	4AI20EE036	MANOJ B R	Manoj	Manoj	Manoj	Manoj
12	4AI21EE400	ABHISHEK S	Abhishek	Abhishek	Abhishek	Abhishek
13	4AI21EE401	BHARATH SHETTY A H	Bharath	Bharath	Bharath	Bharath
14	4AI21EE405	KAVYA K R	Kavya	Kavya	Kavya	Kavya
15	4AI21EE406	KAVYASHREE G U	Kavyashree	Kavyashree	Kavyashree	Kavyashree
16	4AI21EE407	KIRAN KUMAR S	Kiran	Kiran	Kiran	Kiran
17	4AI21EE408	LIKITHA PATEL N T	Likitha	Likitha	Likitha	Likitha
18	4AI21EE412	PRAVEENA P D	Praveena	Praveena	Praveena	Praveena
19	4AI21EE413	SHASHI KUMAR C M	Shashikumar	Shashikumar	Shashikumar	Shashikumar
20	4AI21EE415	SUPRIYA T A	Supriya	Supriya	Supriya	Supriya
21	4AI21EE416	THEJASWINI H D	Thejaswini	Thejaswini	Thejaswini	Thejaswini
22	4AI20EC037	KAVYASHREE URS C N	KCN	KCN	KCN	KCN
23	4AI20EC038	KUSUMA B K	Kusuma	Kusuma	Kusuma	Kusuma
24	4AI20EC039	LIKHITH H D	Likith	Likith	Likith	Likith
25	4AI20EC040	MADAN C R	Madan	Madan	Madan	Madan
26	4AI20EC041	MADDI ITHIHAS	Maddi	Maddi	Maddi	Maddi
27	4AI20EC037	KAVYASHREE URS C N	Kavyashree	Kavyashree	Kavyashree	Kavyashree

Signature of coordinator

Signature of H O D

Dr. G. R. Veerendra, M.E., Ph.D
Prof. and Head
 Dept. of Electrical & Electronics Engg
 A.I.T., Chikkamagaluru-577102
 Karnataka - INDIA

16-7-22

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Signature of coordinator

Signature of H O D

Dr.  Venkatesh, M.E., Ph.D.
 and Head
 Dept. of Electrical & Electronics Engg.
 A.I.T., Chikmagalur-577102
 Karnataka - INDIA

Date: 15/07/22

ADICHUNCHANAGIRI INSTITUTE OF TECHNOLOGY,

CHIKKAMAGALURU-577102.

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

Add-On Course on Introduction to LABVIEW

PARTICIPANTS FEEDBACK

Session (09-00 AM to 01-15PM)				
Sl.No	DESCRIPTION	EXCELLENT	GOOD	POOR
1	How would you rate the presenter's knowledge on the concept?	✓		
2	How would you rate the concepts and information provided by the Presenter?	✓		
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4	Remarks			

Session (02-30PM to 05-30PM)				
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Signature of the Participants

Date: 15-7-22

**ADICHUNCHANAGIRI INSTITUTE OF TECHNOLOGY,
CHIKKAMAGALURU-577102.**

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Signature of the Participants

Date: 15/7/22

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Suresh T.A
Signature of the Participants

Date: 16-7-22

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CHIKKAMAGALURU-577102.**

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Mile orga . *
Signature of the Participants

Date: 15-07-22

**ADICHUNCHANAGIRI INSTITUTE OF TECHNOLOGY,
CHIKKAMAGALURU-577102.**

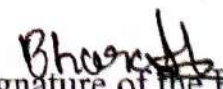
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Girish Kumar S
Signature of the Participants

Date: 17/7/22

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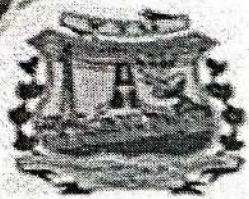
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Signature of the Participants



|| Jai Sri Gurudev ||

Sri Adichunchanagiri Shikshana Trust (R)

ADICHUNCHANAGIRI INSTITUTE OF TECHNOLOGY
CHIKKAMAGALURU-577 102

Department of Electrical & Electronics Engineering



Certificate of Participation

*This is to certify that Anushree C J has successfully completed the add on course on **Introduction to LABVIEW** from 15th to 17th July 2022 ,organized by Department of Electrical and Electronics Engineering.*

Prof. Vasantha Kumar T.M
Staff co-ordinator

Prof. Rumana Ali
Staff co-ordinator

Dr. G.R Veerandra
H.O.D

Made for free with Certify'em

ADICHUNCHANAGIRI INSTITUTE OF TECHNOLOGY: CHIKMAGALUR
Department of Electrical & Electronics Engineering
LAB VIEW - ASSESSMENT QUESTIONS

1. Expansion of LabVIEW is
 - a. Laboratory Virtual Instrument Enterprise Workbench
 - b. Laboratory Virtual Instrument Engineering Workbench
 - c. Laboratory Virtual Interface Enterprise Workbench
 - d. Laboratory Virtual Interface Engineering Workbench
2. The window which is used to interact with the user in labview is
 - a. Block diagram
 - b. Front panel
 - c. Back panel
 - d. Structure
3. LabVIEW is called as
 - a. Test based programming
 - b. Text based Programming
 - c. Graphical Programming
 - d. Python based Programming
4. LabVIEW files are saved with extensions
 - a. txt
 - b. py
 - c. xls
 - d. vi
5. In LabVIEW we can create For loops, While loops & CASE structures
 - a. true
 - b. false
 - c. neither
6. Controls are _____ & indicators are _____
 - a. Inputs, Outputs

[Type the company name]

- b. Outputs, Inputs
- c. Inputs, Inputs
- d. Outputs, Outputs

7. To switch between the front panel and block diagram, select Window » Show Block Diagram/Front Panel, or simply press _____.

- a. Ctrl-E
- b. Ctrl-Z
- c. Ctrl-Shift-Y
- d. Ctrl-B

8. Boolean Variables are indicated by _____ colour

- a. Blue
- b. Orange
- c. Green
- d. Pink

9. The _____ chooses the best tool based on where the mouse pointer is placed in the LabVIEW environment.


- a. Wiring Tool
- b. General Tool
- c. Automatic Tool Selector
- d. Operate Tool

10. Virtual Instrumentation is combination of software & _____


- a. Hardware
- b. Network
- c. Subroutines
- d. Instruments

09/10

Sarvi As



Signature of course instructor



Handwritten signature and stamp with text: P.E. Ph.D., HCS 103, 177102

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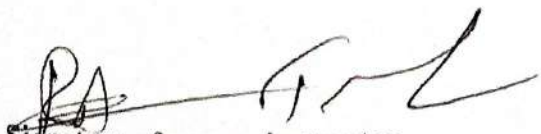


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Mouse Mandar

Mand


Signature of course instructor


Dr. G. R. Veerendra, M.E., Ph.D
Prof. and Head
Electronics Engg.
7102

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- d. Instruments

10/10


Signature of course instructor

Monoj B R



Dr. G. R. Veerendra, M.E., Ph.D
Prof. and Head
Dept. of Electrical & Electronics Engg
Chikkamagaluru-577102
INDIA

ADICHUNCHANAGIRI INSTITUTE OF TECHNOLOGY: CHIKMAGALUR
Department of Electrical & Electronics Engineering

LAB VIEW - ASSESSMENT QUESTIONS

1. Expansion of LabVIEW is
 - a. Laboratory Virtual Instrument Enterprise Workbench
 - b. Laboratory Virtual Instrument Engineering Workbench
 - c. Laboratory Virtual Interface Enterprise Workbench
 - d. Laboratory Virtual Interface Engineering Workbench
2. The window which is used to interact with the user in labview is
 - a. Block diagram
 - b. Front panel
 - c. Back panel
 - d. Structure
3. LabVIEW is called as
 - a. Test based programming
 - b. Text based Programming
 - c. Graphical Programming
 - d. Python based Programming
4. LabVIEW files are saved with extensions
 - a. txt
 - b. py
 - c. xls
 - d. vi
5. In LabVIEW we can create For loops, While loops & CASE structures
 - a. true
 - b. false
 - c. neither
6. Controls are _____ & indicators are _____
 - a. Inputs, Outputs

[Type the company name]

- b. Outputs, Inputs
- c. Inputs, Inputs
- d. Outputs, Outputs

7. To switch between the front panel and block diagram, select Window » Show Block Diagram/Front Panel, or simply press _____.

- a. Ctrl-E
- b. Ctrl-Z
- c. Ctrl-Shift-Y
- d. Ctrl-B

8. Boolean Variables are indicated by _____ colour


- a. Blue
- b. Orange
- c. Green
- d. Pink

9. The _____ chooses the best tool based on where the mouse pointer is placed in the LabVIEW environment.

- a. Wiring Tool
- b. General Tool
- c. Automatic Tool Selector
- d. Operate Tool

10. Virtual Instrumentation is combination of software & _____

- a. Hardware
- b. Network
- c. Subroutines
- d. Instruments


Signature of course instructor

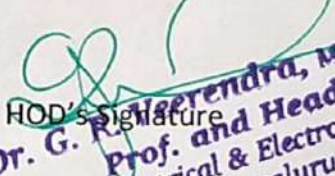

Veerendra, M.E., Ph.D.
Head

Adichunchanagiri Institute of Technology, Chikkamagaluru

Department of Electrical & Electronics Engineering

Summary & Course Outcome for Add-On Course Conducted in Year 2019-20

Sl. No	Type	Title	Summary	Course OutCome
1	Add-On course-1	Energy Science and Technological Innovations in Electronics & Communication Engineering. [06/01/2020 to 11/01/2020]	During the course, the students are able to understand the importance of Energy And also gained the knowledge about different types of in Human life, Energy consumption trend, relationship among economy & Environment with energy use.	The student will be able to <ul style="list-style-type: none">• Understand the Energy Resources.• Classification of Energy Resources.• Understand the different methods of Conservation of Energy.

HOD's Signature

Dr. G. R. Vasirendra, M.E., Ph.D
Prof. and Head
Dept. of Electrical & Electronics Engg
A.I.T., Chikkamagaluru-577102
Karnataka - INDIA

**ADICHUNCHANAGIRI INSTITUTE OF
TECHNOLOGY**

***Department of Electrical &
Electronics Engineering***

Add on

course on

**“Energy Science And
Technological Innovations in
Electronics and
Communication Engineering”**

From 06-01-2020 to 11-01-2020



|| Jai Sri Gurudev ||



**SRI ADICHUNCHANAGIRI SHIKSHANA TRUST®
ADICHUNCHANAGIRI INSTITUTE OF TECHNOLOGY,
CHIKKAMAGALURU**

P.B No.91, Adichunchanagiri Extension, Chikkamagaluru-577 102, Karnataka ,India.

Ref: AIT/IQAC/E&E/ /2019-20

Date: 25/12/2019

Circular

Department of Electrical and Electronics Engineering is conducting a Certificate Program (Add-on Program) on "**Energy science & Technological Innovations in Electronics & Communication Engineering**" from **06/01/2020** to **11/01/2020**. All other HOD's instruct the concern department students to attend the program. Following faculty members (Course instructor) are conducting a certificate program at E&E Department.

Course Instructors:

Mr. SATYANARAYANA RAO R .D

Assistant Professor

Dept. of E&E

AIT Chikkmagaluru.

HOD'S Signature
Dr. G. R. Venkandra, M.E., Ph.D
Prof. and Head
Dept. of Electrical & Electronics Engg.
A.I.T., Chikkamagaluru-577102
Karnataka - INDIA

Signature
Dr. C. T. JAYADEVA
Principal B.E., M.Tech., Ph.D.
Adichunchanagiri Institute of Technology
CHIKKAMAGALURU-577102

Energy Science & Technological Innovations in Electronics & Communication Engineering

Add on Course for VIII Semester

B.E Electronics & Communication Engg

Duration: 30 Hours

Syllabus

Module 1: Introduction Energy Science and Technology

Importance of Energy in Human life, Energy consumption trend, Relationship among economy and environment with energy use, Discussion of increasing role of renewable energy, Review of basic thermodynamics,

Module 2: Classification of Energy sources & Importance of Non-conventional Energy sources

Classification of Energy sources

- Based on Usability of Energy
- Based on Traditional use
- Based on Long term availability
- Based on Commercial application
- Based on origin

Importance of Non-conventional Energy sources

- Ever increasing of fossil fluids & rapid depletion of resources
- Rapid Industrialization and population growth
- Large Hydro resources affect wild life
- Conventional sources cause pollution.

Module 3: Environmental aspects of Energy

- **Environmental aspects of Energy**
- Trade-off between Energy and Environment
- Ecology
- Greenhouse effect
- Energy environment & Economy

- World Energy status
- Energy scenario In India
- Availability of primary resources

Energy conservation & Efficiency

- Energy management
- Energy audit & Efficiency
- Global energy saving potential
- Energy conservation efforts in India
- Various opportunities of Energy saving.

References:

1. "Non-Conventional Energy Resorces" by B.H. Khan, second edition, McGraw Hill
2. "Non-Conventional Sources of Energy" by Rai G.D, 4th

 25-12-2019

Instructor's Signature


HOD's Signature
Prof. and Head
Dept. of Electrical & Electronics Engg.
A.I.T., Chikkamagaluru-577102
Karnataka - INDIA



ADICHUNCHANAGIRI INSTITUTE OF TECHNOLOGY
CHIKKAMAGALURU-577102
DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGINEERING

List of Students enrolled for ADD-ON Course
“ENERGY SCIENCE & TECHNOLOGICAL INNOVATIONS” in Electronics & Communication Engineering from 06-01-2020 to 11-01-2020

Enrollment Report

S.NO	USN	Student Name	Signature
1	4A118EC001	ABU SUFIYAN K	
2	4A118EC002	ADITHI S MAIYA	
3	4A118EC003	AISHWARYA R	
4	4A118EC004	AISIRI K S	
5	4A118EC006	AMRUTHA M S	
6	4A118EC007	AMSHA B S	
7	4A118EC008	ANUSHA H E	
8	4A118EC009	ANVITHA SHEKAR C	
9	4A118EC011	ARPITHA T D	
10	4A118EC012	ARPITHA V	
11	4A118EC013	ARUN C M	

12	4AI18EC014	ASHWIN B S	Ashwin
13	4AI18EC015	BHARATH H J	Bharath H J
14	4AI18EC017	BHAVANA B M	Bhavani
15	4AI18EC020	BHOOMIKA J	Bhoomika J
16	4AI18EC021	BHOOMIKA T J	Bhoomika T J
17	4AI18EC022	BINDUSHREE R	Bindushree R
18	4AI18EC024	CHANDAN K N	Chandan K N
19	4AI18EC025	CHANDANA A N	Chandana A N
20	4AI18EC026	CHARAN B G	Charan B G
21	4AI18EC027	DEEPTHI N E	Deepti N E
22	4AI18EC028	DHANUSH S V	Dhanush S V
23	4AI18EC029	DILEEP KUMAR H C	Dileep Kumar H C
24	4AI18EC030	DIVYASHREE B P	Divyashree B P
25	4AI18EC031	FARHATH FIZA	Farhath Fiza
26	4AI18EC032	FIZA	Fiza
27	4AI18EC033	GAJJAR K. BHARGAV	Gajjar K. Bhargav
28	4AI18EC034	GANESH S R	Ganesh S R
29	4AI18EC035	GOVINDA RAJ D S	Govinda Raj D S
30	4AI18EC020	BHOOMIKA J	Bhoomika J
31	4AI18EC036	GURUPRASAD B	Guruprasad B
32	4AI18EC037	HALESH M D	Halesh M D
33	4AI18EC038	HARISHITHA D	Harishitha D
34	4AI18EC039	HEMALATHA N	Hemalatha N
35	4AI18EC040	HEMANTH KUMAR S N	Hemant Kumar S N
36	4AI18EC041	HINA FATHIMA	Hina Fathima
37	4AI18EC042	HIPPARAGI M. SIDARAY	Hipparagi M. Sidaray

38	4AI18EC043	KADAMBARI K K	Kadambari K K
39	4AI18EC044	KAVANA V	Kavana V
40	4AI18EC045	KAVYA S	Kavya S
41	4AI18EC046	KIRAN KUMAR S K	Kiran Kumar S K
42	4AI18EC047	KRUTHIKA N S	Kruthika N S
43	4AI18EC049	LAVANYA K J	Lavanya K J
44	4AI18EC050	LAVANYA L S	Lavanya L S
45	4AI18EC051	MANASA S	Manasa S
46	4AI18EC052	MANOJ H M	Manoj H M
47	4AI18EC053	MEGHA G R	Megha G R
48	4AI18EC054	MEGHA K C	Megha K C
49	4AI18EC055	MEGHA N Y	Megha N Y
50	4AI18EC056	MEGHANA G P	Meghana G P
51	4AI18EC057	MOHAMMED Y.BAIG	Mohammed Y. Baig
52	4AI18EC058	NAMANA J J	Namana J J
53	4AI18EC059	NAMRA SHARFAIN	Namra Sharfain
54	4AI18EC060	NAYANA A R	Nayana A R
55	4AI18EC062	NIKHIL H S	Nikhil H S
56	4AI18EC063	NIKITHA B L	Nikitha B L
57	4AI18EC064	NIKITHA G B	Nikitha G B
58	4AI18EC065	NIKSHEP G Y	Nikshep G Y
59	4AI18EC066	NITHIN JAVAGAL	Nithin Javagal
60	4AI18EC067	NITHYA G	Nithya G
61	4AI18EC068	NIVETHITHAA S	Nivethithaa S
62	4AI18EC069	NOOR ZEBA	Noor Zeba
63	4AI18EC070	PAVAN GOWDA A Y	Pavan Gowda A Y

64	4AI18EC071	POOJA B B	Pooja B.B.
65	4AI18EC072	POOJA H C	Pooja
66	4AI18EC073	PRAKRUTHI URSC P	Prakruthi Urs Cp
67	4AI18EC074	PRANAVI K	Pranavi K
68	4AI18EC075	PRASIDH R SHETTY	Prasidh Shetty
69	4AI18EC077	PREETHAM T	Preetham T
70	4AI18EC078	PRIYANKA H A	Priyanka H A
71	4AI18EC079	PRIYANKA S DAMMALLI	Priyanka S Dammalli
72	4AI18EC080	PRIYA VARSHINI C S	Priya Varshini C S
73	4AI18EC082	RAGHU G N	Raghu G N
74	4AI18EC083	RAJEEV S G	Rajeev S S
75	4AI18EC084	RAKHESH K K	Rakshesh K K
76	4AI18EC085	RAKSHITHKUMAR I M	Rakshith Kumar I M
77	4AI18EC086	RAKSHITHA D P	Rakshitha D P
78	4AI18EC087	RAKSHITHA M G	Rakshitha M G
79	4AI18EC088	RAKSHITHA R	Rakshitha R
80	4AI18EC089	RANISHREE C M	Ranishree C M
81	4AI18EC090	RANJITHA K M	Ranjitha K M
82	4AI18EC092	RONITHA R	Ronitha R
83	4AI18EC094	SAHANA N H	Sahana N H


Course Instructor's Signature


HOD's Signature
Dept. of Electrical & Electronics Engg.
A.I.T., Chikmagalur-577102



Sri Adichunchanagiri Shikshana Trust
Adichunchanagiri Institute of Technology

Chikkamagaluru - 577192, Karnataka
(Affiliated to Visvesvaraya Technological University, Belagavi,
Approved by AICTE, New Delhi) and Recognized by Govt. of Karnataka
ACCREDITED BY NAAC, NBA, ISO 9001:2008 CERTIFIED



Report on

ADD ON COURSE

ENERGY SCIENCE & TECHNOLOGICAL INNOVATIONS

Resource Person

SATYANARAYANA RAO R D

Assistant Professor

Organized by

Department of Electrical & Electronics Engineering

on 6th to 11th Jan 2020

Department of E&E conducting a Add on course and a certificate program on ENERGY SCIENCE & TECHNOLOGICAL INNOVATIONS for VIII Semester B.E Electronics & Communication Engg students on 6th to 11th Jan 2020.

The aim of the Add on course and a certificate program was to introduce recent trends of Energy Science & Technological innovations. During this add on course so many aspects of Energy Science & Technological innovations are presented by Mr. Satyanarayana rao R. D, Assistant professor, Dept. of E&E, Ait, Chikkamagaluru. He explained the field of Importance of Energy in Human life, Energy consumption trend, Relationship among economy and environment with energy use, Discussion of increasing role of renewable energy, Review of basic thermodynamics. This course covers Classification of Energy sources & Importance of Non-conventional Energy sources, Environmental aspects of Energy, Energy conservation & Efficiency and Energy management.



Mr. Satyanarayana rao R. D, Assistant professor, Dept. of E&E, Ait, Chikkamagaluru presented Energy in Human life, Energy consumption trend, Relationship among economy and environment with energy use.



Outcome of the Add on course:

Students have shown lot of interests in the Add on course .They got more knowledge by knowing various aspects of Energy in Human life, Energy consumption trend, Classification of Energy sources & Importance of Non-conventional Energy sources, Environmental aspects of Energy, Energy conservation & Efficiency. A positive feedback regarding the same was received.

Signature of
Course Instructor

Signature of
Dr. G. R. Veerendra, M.E., Ph.D
Prof and Head
Dept. of Electrical & Electronics Engg.
A.I.T., Chikkamagaluru-577102
Karnataka - INDIA

ADICHUNCHANAGIRI INSTITUTE OF TECHNOLOGY
CHIKKAMAGALURU-577102
DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGINEERING

ADD-ON Course
ENERGY SCIENCE & TECHNOLOGICAL INNOVATIONS in Electronics & Communication Engineering

Attendance Report

Note: Session 1:10-12.30PM Session 2: 2.30-5PM

S N O	USN	Student Name	06/01/2020		07/01/2020		08/01/2020		09/01/2020		10/01/2020		11/01/2020		Signature
			Session-1	Session-2	Session-1	Session-2	Session-1	Session-2	Session-1	Session-2	Session-1	Session-2	Session-1	Session-2	
1	4AI18EC001	ABU SUFIYAN K	P	P	P	P	P	P	P	P	P	P	P	P	<i>[Signature]</i>
2	4AI18EC002	ADITHI S MAIYA	P	P	P	P	P	P	P	P	P	P	P	P	<i>[Signature]</i>
3	4AI18EC003	AISHWARYA R	P	P	P	P	P	P	P	P	P	P	P	P	<i>[Signature]</i>
4	4AI18EC004	AISIRI K S	P	P	P	P	P	P	P	P	P	P	P	P	<i>[Signature]</i>
5	4AI18EC006	AMRUTHA M S	P	P	P	P	P	P	P	P	P	P	P	P	<i>[Signature]</i>
6	4AI18EC007	AMSHA B S	P	P	P	P	P	P	P	P	P	P	P	P	<i>[Signature]</i>
7	4AI18EC008	ANUSHA H E	P	P	P	P	P	P	P	P	P	P	P	P	<i>[Signature]</i>
8	4AI18EC009	ANVITHA SHEKAR C	P	P	P	P	P	P	P	P	P	P	P	P	<i>[Signature]</i>
9	4AI18EC011	ARPITHA T D	P	P	P	P	P	P	P	P	P	P	P	P	<i>[Signature]</i>
10	4AI18EC012	ARPITHA V	P	P	P	P	P	P	P	P	P	P	P	P	<i>[Signature]</i>
11	4AI18EC013	ARUN C M	P	P	P	P	P	P	P	P	P	P	P	P	<i>[Signature]</i>
12	4AI18EC014	ASHWIN B S	P	P	P	P	P	P	P	P	P	P	P	P	<i>[Signature]</i>
13	4AI18EC015	BHARATH H J	P	P	P	P	P	P	P	P	P	P	P	P	<i>[Signature]</i>
14	4AI18EC017	BHAVANA B M	P	P	P	P	P	P	P	P	P	P	P	P	<i>[Signature]</i>

**ADICHUNCHANAGIRI INSTITUTE OF
TECHNOLOGY, CHIKKAMAGALURU-577102.**

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING
Add-On Course on Energy Science and Technological innovations in
Electronics & communication Engineering
OVER ALL Add-On Course PARTICIPANTS FEEDBACK

Sl.No	DESCRIPTION	EXCELLENT	GOOD	POOR
1	How would you rate the presenter's knowledge on the concept?		✓	
2	How would you rate the concepts and information provided by the Presenter?	✓		
3	What was your overall impression of the session?		✓	
4	Remarks			


Signature of the Participants



|| Jai Sri Gurudev ||

Sri Adichunchanagiri Shikshana Trust (R)

ADICHUNCHANAGIRI INSTITUTE OF TECHNOLOGY
CHIKKAMAGALURU-577 102

Department of Electrical & Electronics Engineering



Certificate of Participation

This is to certify that ARUN CM has successfully completed the add on course on “Energy science & Technological Innovations” from 6th to 11th January 2020 ,organized by Department of Electrical and Electronics Engineering.

Prof. Satyanarayana Rao R.D
Staff co-ordinator

Dr. G.R Veerandra
H.O.D



**ADICHUNCHANAGIRI INSTITUTE OF TECHNOLOGY
CHIKKAMAGALURU-577102
DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGINEERING**

ADD-ON Course
“ ENERGY SCIENCE & TECHNOLOGICAL INNOVATIONS ”
for Electronics & Communication Engineering students from 06-01-2020 to 11-01-2020

Name of Student: MEGHANA N Y USN; 4AI18EC055

Energy science MCQs Questions

1. Which of the following is a non-renewable resource?

- (a) Coal
- ~~(b) Forests~~
- (c) Water
- (d) Wildlife

2. Which among the following is not a renewable source of energy?

- (a) Solar energy
- (b) Biomass energy

~~(d)~~ Geothermal energy

3. Identify the non-renewable energy resource from the following:

(a) Coal

(b) Fuel cells

~~(c)~~ Wind power

(d) Wave power

4. Which of the following is a disadvantage of most of the renewable energy sources?

(a) Highly polluting

(b) High waste disposal cost

~~(c)~~ Unreliable supply

(d) High running cost

5. Photovoltaic energy is the conversion of sunlight into:

(a) Chemical energy

(b) Biogas

~~(c)~~ Electricity

(d) Geothermal energy

horizontal axis and vertical axis are the types of:

- (a) Nuclear reactor
- (b) Wind mills
- (c) Biogas reactor
- (d) Solar cell

7. Which among the following is not an adverse environmental impact of tidal power generation?

- (a) Interference with spawning and migration of fish
- (b) Pollution and health hazard in the estuary due to blockage of flow of polluted water into the sea
- (c) Navigational hazard
- (d) None of the above

8. Steam reforming is currently the least expensive method of producing:

- (a) Coal
- (b) Biogas
- (c) Hydrogen
- (d) Natural gas

9. A fuel cell, in order to produce electricity, burns:

- (a) Helium

- (a) ...
- (c) ... of the ...
- 48. Fuel cells are
- (a) Carbon cell
- (b) Hydrogen battery
- (c) Nuclear cell
- (d) Chlorine cell

total mark: 29

A student's handwritten signature

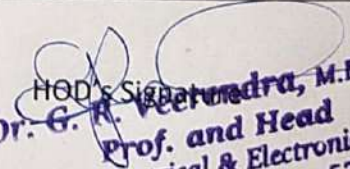
[Handwritten Signature]
 Dr. E. V. ...
 Head and Head
 Dept. of Electrical & Electronic Engg
 K. J. Somaiya Institute
 Vasvir Road, ...

Adichunchanagiri Institute of Technology, Chikkamagaluru

Department of Electrical & Electronics Engineering

Summary & Course Outcome for Add-On Course Conducted in Year 2018-19

Sl. No	Type	Title	Summary	Course OutCome
1	Add-On course-1	Application of MATLAB Programming in Mechanical Engineering [20/01/2019 to 25/01/2019]	During the course, the students are able to understand the importance of Programming in Problem solving. And also gained the knowledge about application of MATLAB in the field of automation.	The student will be able to <ul style="list-style-type: none"> • Understand the basics of Matlab • Break a complex task up into smaller, simpler tasks • Case Study (Any two Modules) • Tabulate results and Analyze
2	Add-On course-2	Electronic Circuits Simulation. [04/02/2019 to 09/02/2019]	During the course, the students are able to understand the importance of simulation on solving the problems of electronic circuits. And also gained the knowledge about different types of simulation packages available for solving the complex problems.	The student will be able to <ul style="list-style-type: none"> • Understand the basics of Circuit Simulation, • Simulate & Design the Bridge Rectifier, • Understand the frequency response of BJT & FET amplifiers, • Design the Clipping & Clamping Circuits.


 HOD's Signature, M.E., Ph.D
Dr. G. R. Veerendra
 Prof. and Head
 Dept. of Electrical & Electronics Engg
 A.I.T., Chikkamagaluru-577102
 Karnataka - INDIA

**ADICHUNCHANAGIRI INSTITUTE OF
TECHNOLOGY**

**Department of Electrical &
Electronics Engineering**



Add on

course on

**“Application of MATLAB
Programming in Mechanical
Engineering”**

From 20-01-2019 to 25-01-2019



|| Jai Sri Gurudev ||



SRI ADICHUNCHANAGIRI SHIKSHANA TRUST ®
ADICHUNCHANAGIRI INSTITUTE OF TECHNOLOGY, CHIKKAMAGALURU
P.B No.91, Adichunchanagiri Extension, Chikkamagaluru-577 102, Karnataka ,India.

Ref: AIT/IQAC/E&E/ /2019-20

Date: 02/01/2019

Circular

Department of Electrical and Electronics Engineering is conducting a Certificate Program (Add-on Program) on "**Application of MATLAB Programming in Mechanical Engineering**" from **20/01/2019 to 25/01/2019**. All other HOD's instruct the concern department students to attend the program. Following faculty members (Course instructor) are conducting a certificate program at E&E Department.

Course Instructors:

Mr. VASANTHA KUMARA T M
Assistant Professor
Dept. of E&E
AIT Chikkmagaluru.

Mr. SRIDHAR N H
Assistant Professor
Dept. of E&E
AIT Chikkmagaluru.


HOD's Signature
B. Veerendra, M.E., Ph.D
Prof. and Head
Dept. of Electrical & Electronics Engg.
A.I.T., Chikkamagaluru-577102
Karnataka - INDIA


Principal Signature
Dr. C.T. JAYADEVA
Principal B.E., M.Tech., Ph.D
Adichunchanagiri Institute of Technology
CHIKKAMAGALURU-577102

6	INTERNAL ASSESSMENT MARKS	06	46	CHUNCHANAGIRI NEWS LETTERS	45
7	INTERNAL ASSESSMENT MARKS	06	47	CO - CURRICULAR & EXTRA	46
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Application of MATLAB Programming in Mechanical Engineering

Add on Course for IV Semester

B.E MECHINICAL ENGG

Duration: 30 Hours

Syllabus

Module 1: Introduction of MATLAB Programming

Need of Computer programming, The MATLAB workspace, Applications of MATLAB, MATLAB scripts, Windows of MATLAB,

Module 2: Arrays and Array operations & Data Visualization

Arrays and Array operations

- Declaration of an Array
- Array indexing
- Arithmetic Expressions
- Evaluation of Expressions
- Cell Arrays
- Read and data from other source

Data Visualization

- Basic plots
- Creation of multiple plots
- Different graphs
- 3D graphics

Module 3: Control Flow , conditional statements & Functions

Control Flow & conditional statements

- For loops
- While loops
- If – else – end & nested if
- Break statements
- Switch – case construction
- Sub array searching


- exercises

Functions

- Concept of Function
- User defined Function
- System Defined Function
- Types of parameter passing in function
- Nested functions

References:

1. "Matlab and its applications in engineering" by Bansal/Goel/Sharma, second edition, Pearson publication
2. www.mathworks.com



(Vasanth Kumar)



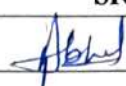
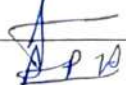
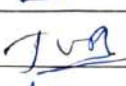
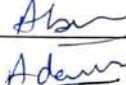
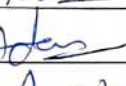
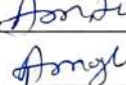
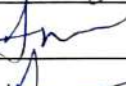

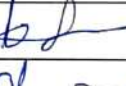




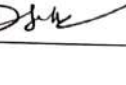




(Sreedhar)









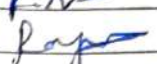
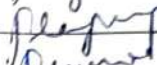
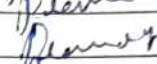
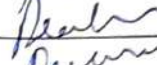

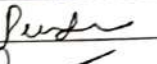



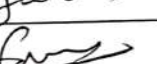
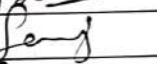
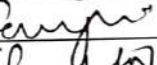
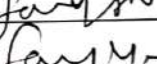
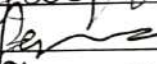

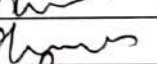
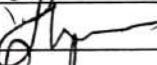

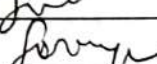
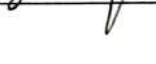





Dr. G. R. Veerendra, M.E., Ph.D.
Prof. and Head
Dept. of Electrical & Electronics Engg
A.I.T., Chikmagalur-577102
Karnataka - INDIA

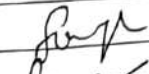
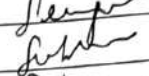

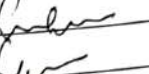







ADICHUNCHANAGIRI INSTITUTE OF TECHNOLOGY: CHIKMAGALUR
Department of Electrical & Electronics Engineering

The following students are registered for the add-on course on
Application of MATLAB Programming in Mechanical
Engineering from 20/01/2019 to 25/01/2019 (30 hours)

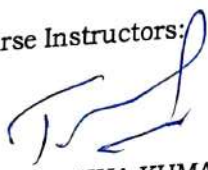
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1	4AI17ME001	ABDUL SHAHID B A	
2	4AI17ME002	ABHISHEK A S	
3	4AI17ME003	ABHISHEK H P	
4	4AI17ME004	ABHISHEK J V	
5	4AI17ME005	ABHISHEK M	
6	4AI17ME006	ADARSH I G	
7	4AI17ME007	ADEN D SA	
8	4AI17ME008	AMITH V	
9	4AI17ME009	AMOGHA Y M	
10	4AI17ME010	ASHIK T G	
11	4AI17ME011	ASHOK REDDY M C	
12	4AI17ME012	ASHWIN B P	
13	4AI17ME013	BHARATH G C	
14	4AI17ME014	BHARATH H L	
15	4AI17ME015	DANISH HASAN	
16	4AI17ME016	DARSHAN B P	
17	4AI17ME017	DARSHAN K M	
18	4AI17ME018	DARSHAN N M	
19	4AI17ME019	DARSHAN R	
20	4AI17ME020	DEEKSHITH S D	

21	4A117ME021	DEEMANTH K S	
22	4A117ME022	DESHIK H S GOWDA	De
23	4A117ME023	DEVAN C L	De
24	4A117ME024	DHAMINI T S	De
25	4A117ME025	DIXITH B R	De
26	4A117ME026	FAISAL AHAMED	De
27	4A117ME028	GOUTHAM O S	De
28	4A117ME029	GOWTHAM K B	De
29	4A117ME030	SUKESH H K	De
30	4A117ME001	ABDUL SHAHID B A	De
31	4A117ME031	HARSHA K	De
32	4A117ME032	HARSHA M V	De
33	4A117ME033	HEMANTHAKUMAR S R	De
34	4A117ME034	HITESH T R	De
35	4A117ME035	KARTHIK A	De
36	4A117ME036	KARTHIK K S	De
37	4A117ME037	KARTHIK V	De
38	4A117ME038	KIRAN	De
39	4A117ME039	KUNDAN THIMMAIAH S	De
40	4A117ME040	DEEKSHITHA L	De
41	4A117ME041	MANJUNATH H	De
42	4A117ME042	MANJUNATH K V	De
43	4A117ME043	MANJUNATHA B R	De
44	4A117ME044	MANOJ S N	De
45	4A117ME045	MANOJ KUMAR G O	De
46	4A117ME046	MARUTHI S	De
47	4A117ME047	MOHAMED SUHAIB	De
48	4A117ME048	MOHAMMED ABDUL SHAHEED SAAD	De

49	4AI17ME049	MOHAMMED BADSHA	
50	4AI17ME050	MOHAMMED MAAZ BEIG A N	
51	4AI17ME051	MOHSIN JAMAL	
52	4AI17ME052	NARASHIMHA A KULKARNI	
53	4AI17ME053	NAVEEN NAIK	
54	4AI17ME054	NIDA KONEN	
55	4AI17ME055	PALLAVI H S	
56	4AI17ME056	PAVAN GOWDA K P	
57	4AI17ME057	POOJA K S	
58	4AI17ME058	PRAJWAL H.R	
59	4AI17ME059	PRAMOD M YADHAV	
60	4AI17ME060	PRASAD H V	
61	4AI17ME061	PRATHEEK H J	
62	4AI17ME062	PRAVEEN M GANIGER	
63	4AI17ME063	PREETHAM K M	
64	4AI17ME064	PRUTHVI S P	
65	4AI17ME065	PUNEETHKUMAR A	
66	4AI17ME066	RAVI KANT THAKUR LOHAR	
67	4AI17ME067	RUTHVIK K M	
68	4AI17ME068	SACHIN M R	
69	4AI17ME069	SACHINKUMAR M TEGGIN	
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71	4AI17ME071	SANJAY G M	
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80	4AI17ME080	SIDDARAJU D G	
81	4AI17ME081	SIDDHARTH HALUNDI	
82	4AI17ME082	SOORYA B S	

83	4AI17ME083	SOUGANH A C	
84	4AI17ME084	SRUJAN H N	
85	4AI17ME085	SUBHASH C P	
86	4AI17ME086	SUDHAKAR K S	
87	4AI17ME087	SUJAY S	
88	4AI17ME088	SUKESH M R	
89	4AI17ME089	SURAG K L	
90	4AI17ME090	SYED JUNAID AHMED	
91	4AI17ME091	TEJAS R	
92	4AI17ME092	THILAK N D	
93	4AI17ME093	VISHNU S	
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95	4AI17ME095	VISHWAS K URS	
96	4AI17ME096	VIVEK GOWDA B K	
97	4AI17ME097	YASHWANTH G	

Course Instructors:



Mr. VASANTHA KUMARA T M

Assistant Professor

Dept. of E&E

AIT Chikkmagaluru.



Mr. SRIVIDHAR N H

Assistant Professor

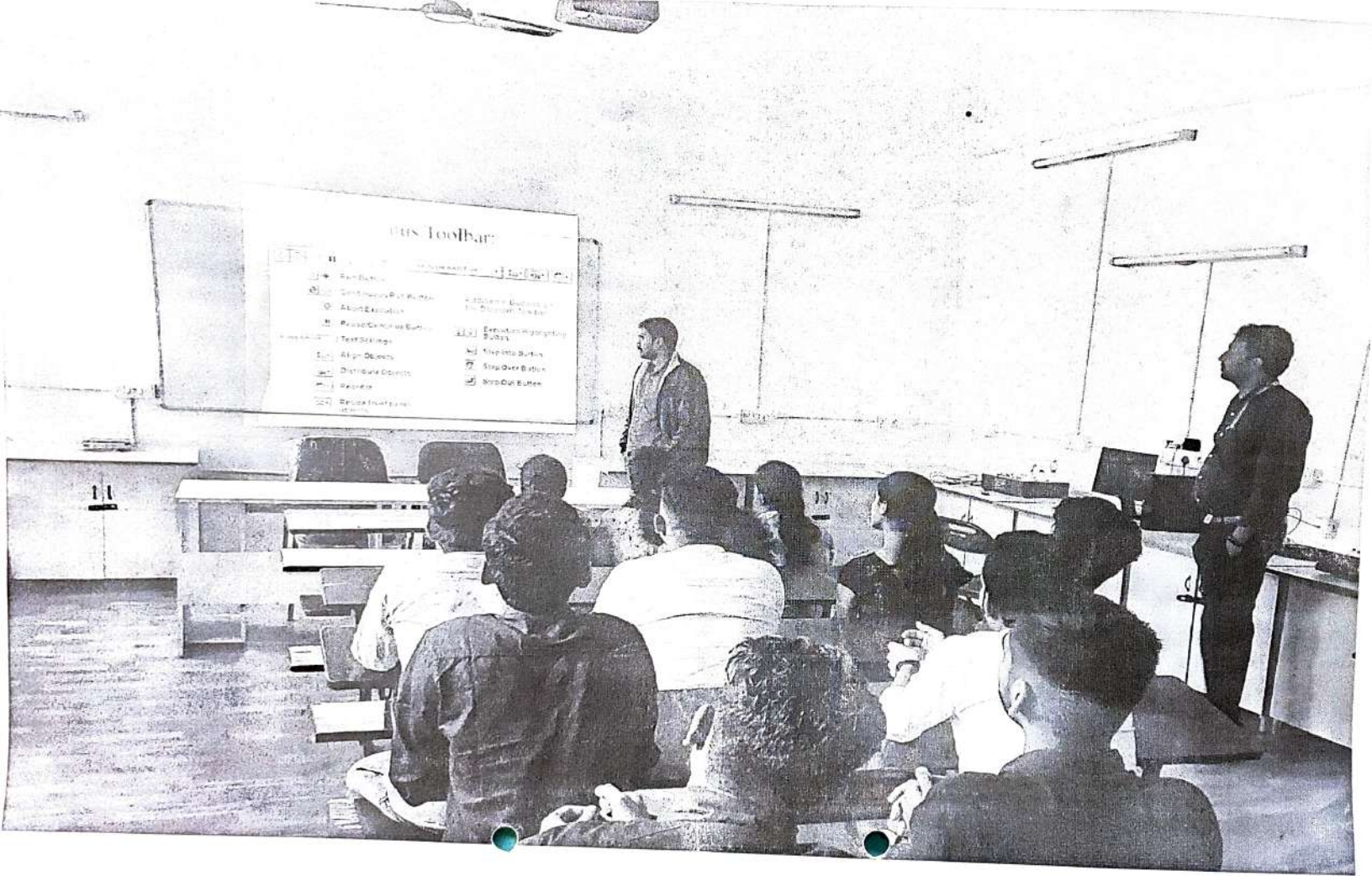
Dept. of E&E

AIT Chikkmagaluru



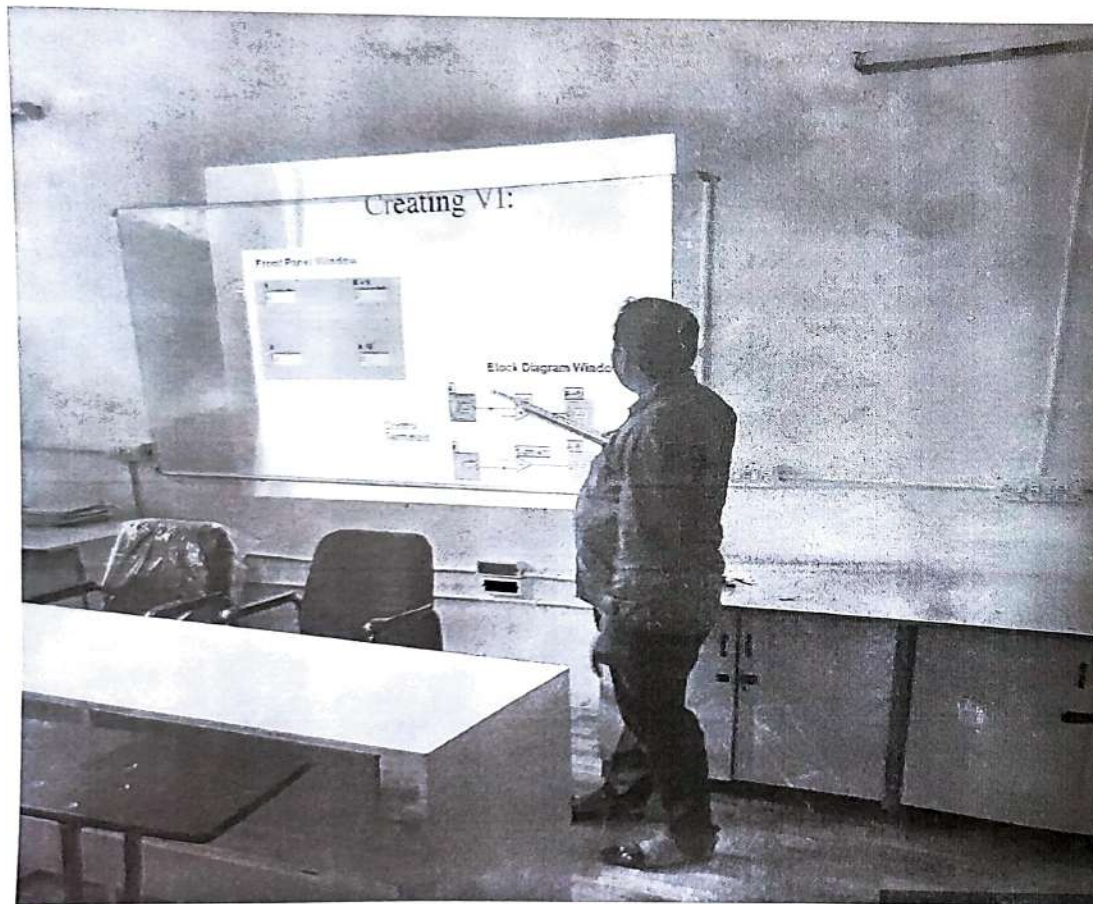
HOD Signature
Prof. and Head

Dept. of Electrical & Electronics Engg.
A.I.T., Chikkmagaluru-577102



Photos Toolbar

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Test Slideshow	Export Slideshow
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Distribute Slideshow	Export Slideshow
Rotate	Export Slideshow
Break Slideshow	Export Slideshow



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Course Instructor's Signature

[Handwritten Signature]

(Vasanth Kumar)

[Handwritten Signature]
(SREEDHAR M)

[Handwritten Signature]

HOD's Signature
 Dr. G. R. Veerendra, M.E., Ph.D.
 Prof. and Head
 Dept. of Electrical & Electronics Engg.
 A.I.T., Chikmagalur-577102
 Karnataka - INDIA

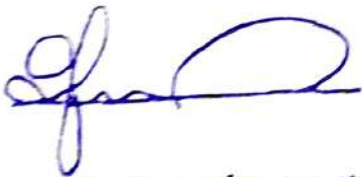
**ADICHUNCHANAGIRI INSTITUTE OF
TECHNOLOGY, CHIKKAMAGALURU-577102.**

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

**Add-On Course on Application of MATLAB Programming in
Mechanical Engineering**

OVER ALL Add-On Course PARTICIPANTS FEEDBACK

SLNo	DESCRIPTION	EXCELLENT	GOOD	POOR
1	How would you rate the presenter's knowledge on the concept?	✓		
2	How would you rate the concepts and information provided by the Presenter?	✓		
3	What was your overall impression of the session?	✓		
4	Remarks			



Dr. G. R. Veerendra, M.E., Ph.D.
Prof. and Head
Dept. of Electrical & Electronics Engg
A.I.T., Chikkamagaluru-577102
Karnataka - INDIA



Signature of the Participants

**ADICHUNCHANAGIRI INSTITUTE OF
TECHNOLOGY, CHIKKAMAGALURU-577102.**

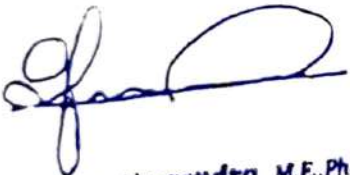
DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

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3	What was your overall impression of the session?	✓		
4	Remarks	—		

Freekam Dodamani
Signature of the Participants


Dr. G. R. Veerendra, M.E., Ph.D.
Prof. and Head
Dept. of Electrical & Electronics Engg.
A.I.T., Chikkamagaluru-577102
Karnataka - INDIA

MCQ'S ON MATLAB

DATE: 12/01/2022

1. Which of the following is not a pre-defined variable in Matlab?

- a. pi
- b. inf
- c. i
- ~~d. gravity~~

2. What does Matlab stand for?

- a. Math Laboratory
- ~~b. Matrix Laboratory~~
- c. Mathworks
- d. Nothing

3. What symbol precedes all comments in Matlab?

- a. %
- b. //
- c. <
- ~~d. none of the above~~

4. This Matlab command clears all data and variables stored in memory:

- a. clc
- ~~b. clear~~
- c. delete
- d. none of the above

5. To print a newline in a fprintf statement, you must use the following escape character:

- a. \t
- b. \nl
- c. \nxt
- ~~d. \n~~

6. In Matlab, this keyword immediately moves to the next iteration of the loop:

- a. update
- b. goto
- c. continue
- d. break

7. Character in Matlab are represented in their value in memory.

- a. decimal
- b. ASCII
- c. hex
- d. string

8. Which of these is not an aspect of a for/while loop:

- a. update
- b. initialization
- c. runner
- d. all are aspects of loops

9. What is the value of ans that is printed when the following code is runned:
isnumeric(32)

- a. 1
- b. 0
- c. 32
- d. true

10. To better manage memory and prevent unnecessary memory allocations, Matlab uses:

- a. vectors
- b. scalars
- c. licenses
- d. delayed copy

10/10

Phanish
Course Assistant

Dev →

Dr. G. R. Veerendra, M.E., Ph.D.
Prof. and Head
Dept. of Electrical & Electronics
A.I.T., Chikmagalur - 57711
Karnataka - INDIA

ANSWERS:

1. a. gravity
2. b. MatrixLaboratory
3. d. none of the above
4. b. clear
5. d. \n
6. c. continue
7. b. ASCII
8. c. runner
9. a. 1
10. d. delayed copy



|| Sri Adichunchanagiri ||

Sri Adichunchanagiri Shikshana Trust (R)

ADICHUNCHANAGIRI INSTITUTE OF TECHNOLOGY
CHIKKAMAGALURU-577 102

Department of Electrical & Electronics Engineering



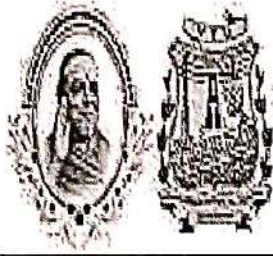
Certificate of Participation

This is to certify that Abhishek H A has successfully completed the add on course on “Application of MATLAB Programming in Mechanical Engineering” from 20th to 25th January 2019, organized by Department of Electrical and Electronics Engineering.

Prof. Vasantha Kumar T.M
Staff co-ordinator

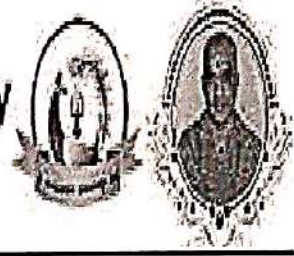
Prof. Sridhar N H
Staff co-ordinator

Dr. G.R. Veerandra
H.O.D.
Dept. of Electrical & Electronics Engg.
A.I.T., Chikmagalur - 577 102



|| Sri Sri Gurudev ||
Sri Adichunchanagiri Shikshana Trust
Adichunchanagiri Institute of Technology

Chikkamagaluru - 577102, Karnataka
(Affiliated to Visvesvaraya Technological University, Belgaum,
Approved by AICTE, New Delhi and Recognized by Govt. of Karnataka)
ACCREDITED BY NAAC, NBA, ISO 9001:2008 CERTIFIED



Report on

ADD ON COURSE

**ELECTRONIC CIRCUITS
SIMULATION**

**Resource Person: POSHITHA.B
Assistant Professor**

Organized by

Department of Electrical & Electronics Engineering

Date: 04/02/2019



|| Jai Sri Gurudev ||



SRI ADICHUNCHANAGIRI SHIKSHANA TRUST ®
ADICHUNCHANAGIRI INSTITUTE OF TECHNOLOGY, CHIKKAMAGALURU
P.B No.91, Adichunchanagiri Extension, Chikkamagaluru-577 102, Karnataka, India.

Ref: AIT/IQAC/E&E/

Date: 01/02/2019

Circular

Department of Electrical and Electronics Engineering is conducting a Certificate Program (Add-on Program) on "Electronic Circuit Simulation" from 04/02/2019 to 09/02/2019. All other HOD's instruct the concern department students to attend the program. Following resource person (Course instructor) is conducting a certificate program at E&E Department.

Course Instructors:

Mrs. Poshitha B

Chikkamagaluru.

HOD's Signature
Dr. G. R. Veerendra, M.T.E.D
Prof. and Head
Dept of Electrical & Electronic Engg.
A.I.T., Chikkamagaluru-577102,
Karnataka - INDIA

Principal Signature

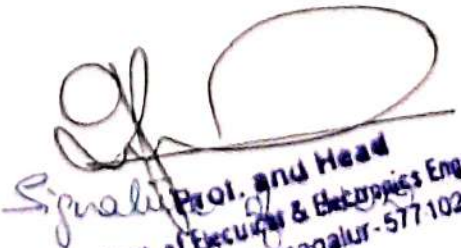
Add-On Course On Electronic Circuits Simulation

Sl. No	Date	session	Speaker
1	04/02/2019	9.00 A.M to 12 P.M	Poshitha B
2	04/2/2019	2.00 P M to 5.00 P M	
3	05/2/2019	9.00 A.M to 12 P.M	
4	05/2/2019	2.00 P M to 5.00 P M	
5	06/2/2019	9.00 A.M to 12 P.M	
6	06/2/2019	2.00 P M to 5.00 P M	
7	07/2/2019	9.00 A.M to 12 P.M	
8	07/2/2019	2.00 P M to 5.00 P M	
9	08/2/2019	9.00 A.M to 12 P.M	
10	08/2/2019	2.00 P M to 5.00 P M	
11	09/2/2019	9.00 A.M to 12 P.M	
12	09/2/2019	2.00 P M to 5.00 P M	

Contents of Add-On Course On Electronic Circuits Simulation

Sl.No	Contents	No of Hours	<h1>Hands on Training</h1> <h2>using PSPICE</h2>
1	Design and Testing of Full wave - centre tapped transformer type and Bridge type rectifier circuits with and without Capacitor filter. Determination of ripple factor, regulation and efficiency.	6	
2	Frequency response of single stage BJT and FET RC coupled amplifier and determination of half power points, bandwidth, input and output impedances.	6	
3	Design and testing of BJT - RC phase shift oscillator for given frequency of oscillation.	6	
4	Determination of gain, input and output impedance of BJT Darlington emitter follower with and without bootstrapping.	6	
5	Clipping & Clamping circuits.	6	

Post-Header B
 Signature of *Codanand*


 Sign. Prof. and Head
 Dept. of Electronic & Electronics Engg
 A.I.T., Chikmagalur - 577102

ADICHUNCHANAGIRI INSTITUTE OF TECHNOLOGY: CHIKMAGALUR
Department of Electrical & Electronics Engineering


The following students are registered for the Electronic Circuits
Simulation

From 04/02/2019 to 09 /02/2019

Sl.No	USN	NAME	Signature
1	4AI18CS010	ASHISH I	Ashish
2	4AI18CS011	AYESHA SHABNAM	Ayesha
3	4AI18CS012	SAQLEN PASHA B	Saqle
4	4AI18CS013	BAVIN KOYA	Bavin
5	4AI18CS014	BHAVANA B N	Bhavana
6	4AI18CS015	BHOOMIKA	Bhoomika
7	4AI18CS016	BHOOMIKA R	Bhoomika
8	4AI18CS017	BRUNDHA K M	Brundha
9	4AI18CS018	CHAITRA B L	Chaitra
10	4AI18CS019	CHANDAN M	Chandan
11	4AI18CS020	CHANDAN V SHET	Chandan
12	4AI18CS021	CHANDANA K P	Chandana
13	4AI18CS022	CHANDANA K S	Chandana
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16	4AI18CS025	DEEKSHA H S	Deeksha
17	4AI18CS026	DEEPIKA G	Deepika
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26	4AI18CS035	JEEVAN G K	Jeevan
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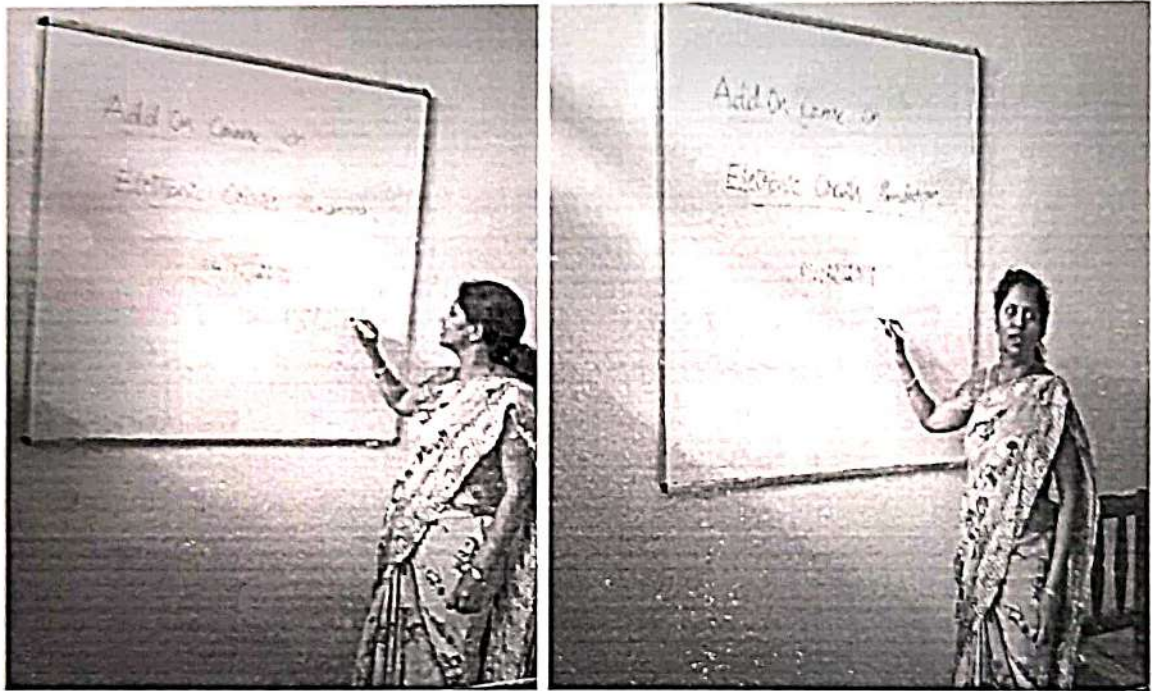
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Poshthana B
Signature of coordinator

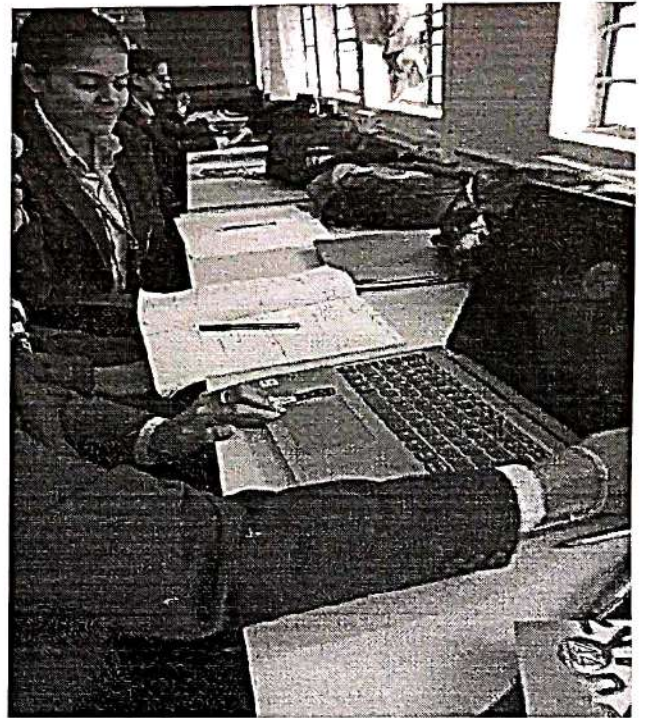

Signature of H.O.D
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The add-on course was conducted on 4th February 2019, the course was designed to make students to understand about electrical simulation using PSPICE. PSPICE is a software used to design and simulate that helps evaluate functionality of analog circuits.

PSpice simulation enable, Dimensioning of electronic circuits, Evaluate corner cases of component tolerances, Automatically optimize the functionality, Enhance the reliability.



Session delivered by Poshitha .B



Students working on PSPICE

Outcomes of the Add on Course

After the completion of this course, the students were able to understand about PSICE simulate and analyze the behavior of a circuit.

Session Wise Attendance Form

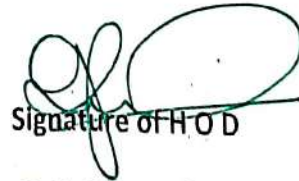
The Add-On Course On Electronic Circuits Simulation 4-02-2019

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Poshitha B

Signature of coordinator



Signature of H.O.D

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 Karnataka-577102

Session Wise Attendance Form

The Add-On Course On Electronic Circuits Simulation 5-02-2019

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P. S. Venkatesh B
Signature of coordinator


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Post-ten B

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5	4AI18CS014	BHAVANA B N	P	P	B
6	4AI18CS015	BHOOMIKA	P	P	Bho
7	4AI18CS016	BHOOMIKA R	P	P	Bhoomika
8	4AI18CS017	BRUNDHA K M	P	P	Brundha
9	4AI18CS018	CHAITRA B L	P	P	Chaitra
10	4AI18CS019	CHANDAN M	P	P	Chandan
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14	4AI18CS023	DARSHAN L.C	P	P	Darshan
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Posh-rena B
Signature of coordinator

Signature of H O D

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The Add-On Course On Electronic Circuits Simulation 8-02-2019

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Signature of coordinator



Signature of HOD

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**ADICHUNCHANAGIRI INSTITUTE OF TECHNOLOGY,
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DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING
Add-On Course on Electronic Circuits Simulation
ASSESSMENT

1. A small signal analysis in the frequency domain is termed as
- a) DC analysis
 - b) AC analysis
 - c) DC transfer curve analysis
 - d) Noise analysis

Answer: b

2. General purpose, open source analog electronic simulator is known as
- a) MATLAB
 - b) SPICE
 - c) PROTEUS
 - d) C++

Answer: b

3. In SPICE, a sequence of nonlinear operating points calculated while sweeping an input voltage or current, or a circuit parameter is termed as
- a) DC analysis
 - b) AC analysis
 - c) DC transfer curve analysis
 - d) Noise analysis

Answer: c

4. In SPICE, non linear quiescent point calculation is termed as
- a) DC analysis
 - b) AC analysis
 - c) DC transfer curve analysis
 - d) Noise analysis

Answer: a

5. Statement used to store an estimate of DC operating point during transient analysis is
- a) .OP
 - b) .OPT

- c) .TRAN
- d) .TTRAN

Answer: a

6. Statement which bypass initial DC operating point analysis is

- a) .OP
- b) .OPT
- c) .TRAN
- d) .TTRAN

Answer: c

7. First commercial version of SPICE is

- a) PSPICE
- b) ISPICE
- c) TSPICE
- d) LSPICE

Answer: b

8. Analysis in which we replace a capacitor with an empty space and an inductor with a wire is called

- a) DC analysis
- b) AC analysis
- c) DC transfer curve analysis
- d) Noise analysis

Answer: a

9. In SPICE, AC analysis is a linear modified

- a) nodal analysis
- b) mesh analysis
- c) branch analysis
- d) Norton analysis

Answer: a

10. Transient analysis in a SPICE first perform analysis of

- a) AC operating point
- b) DC operating point
- c) AC non operating point
- d) DC non operating point

Answer: b



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- c) AC non operating point
- d) DC non operating point

Answer: b

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Answer: **b**

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 - .OPT

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- d) .TTRAN

Answer: a

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- c) .TRAN
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Answer: c

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- c) TSPICE
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Answer: b

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- a) AC operating point
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- d) DC non operating point

Answer: b

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Answer: b

8. Analysis in which we replace a capacitor with an empty space and an inductor with a wire is called
- a) DC analysis
 - b) AC analysis
 - c) DC transfer curve analysis
 - d) Noise analysis

Answer: a

9. In SPICE, AC analysis is a linear modified
- a) nodal analysis
 - b) mesh analysis
 - c) branch analysis
 - d) Norton analysis

Answer: a

10. Transient analysis in a SPICE first perform analysis of
- a) AC operating point
 - b) DC operating point
 - c) AC non operating point
 - d) DC non operating point

Answer: b

ADICHUNCHANAGIRI INSTITUTE OF TECHNOLOGY,

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DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

Add-On Course on Electronic Circuits Simulation

ASSESSMENT

1. A small signal analysis in the frequency domain is termed as
 - a) DC analysis
 - b) AC analysis
 - c) DC transfer curve analysis
 - d) Noise analysis

Answer: b

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2. General purpose, open source analog electronic simulator is known as
 - a) MATLAB
 - b) SPICE
 - c) PROTEUS
 - d) C++

Answer: b

3. In SPICE, a sequence of nonlinear operating points calculated while sweeping an input voltage or current, or a circuit parameter is termed as
 - a) DC analysis
 - b) AC analysis
 - c) DC transfer curve analysis
 - d) Noise analysis

Answer: C

4. In SPICE, non linear quiescent point calculation is termed as
 - a) DC analysis
 - b) AC analysis
 - c) DC transfer curve analysis
 - d) Noise analysis

Answer: b

5. Statement used to store an estimate of DC operating point during transient analysis is
 - a) .OP
 - b) .OPT

- c) .TRAN
- d) .TTRAN

Answer: a

6. Statement which bypass initial DC operating point analysis is

- a) .OP
- b) .OPT
- c) .TRAN
- d) .TTRAN

Answer: C

7. First commercial version of SPICE is

- a) PSPICE
- b) ISPICE
- c) TSPICE
- d) LSPICE

Answer: b

8. Analysis in which we replace a capacitor with an empty space and an inductor with a wire is called

- a) DC analysis
- b) AC analysis
- c) DC transfer curve analysis
- d) Noise analysis

Answer: a

9. In SPICE, AC analysis is a linear modified

- a) nodal analysis
- b) mesh analysis
- c) branch analysis
- d) Norton analysis

Answer: a

10. Transient analysis in a SPICE first perform analysis of

- a) AC operating point
- b) DC operating point
- c) AC non operating point
- d) DC non operating point

Answer: b

ADICHUNCHANAGIRI INSTITUTE OF TECHNOLOGY,
CHIKKAMAGALURU-577102.

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

Add-On Course on Electronic Circuits Simulation
ASSESSMENT

1. A small signal analysis in the frequency domain is termed as
- DC analysis
 - AC analysis
 - DC transfer curve analysis
 - Noise analysis

Answer: *b*

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seen

2. General purpose, open source analog electronic simulator is known as
- MATLAB
 - SPICE
 - PROTEUS
 - C++

Answer: *b*

3. In SPICE, a sequence of nonlinear operating points calculated while sweeping an input voltage or current, or a circuit parameter is termed as
- DC analysis
 - AC analysis
 - DC transfer curve analysis
 - Noise analysis

Answer: *c*

4. In SPICE, non linear quiescent point calculation is termed as
- DC analysis
 - AC analysis
 - DC transfer curve analysis
 - Noise analysis

Answer: *a*

5. Statement used to store an estimate of DC operating point during transient analysis is
- .OP
 - .OPT

- c) .TRAN
- d) .TTRAN

Answer: *a*

6. Statement which bypass initial DC operating point analysis is
- a) .OP
 - b) .OPT
 - c) .TRAN
 - d) .TTRAN

Answer: *c*

7. First commercial version of SPICE is
- a) PSPICE
 - b) ISPICE
 - c) TSPICE
 - d) LSPICE

Answer: *b*

8. Analysis in which we replace a capacitor with an empty space and an inductor with a wire is called
- a) DC analysis
 - b) AC analysis
 - c) DC transfer curve analysis
 - d) Noise analysis

Answer: *a*

9. In SPICE, AC analysis is a linear modified
- a) nodal analysis
 - b) mesh analysis
 - c) branch analysis
 - d) Norton analysis

Answer: *a*

10. Transient analysis in a SPICE first perform analysis of
- a) AC operating point
 - b) DC operating point
 - c) AC non operating point
 - d) DC non operating point

Answer: *b*

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DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING
Add-On Course on Electronic Circuits Simulation
ASSESSMENT

1. A small signal analysis in the frequency domain is termed as
- DC analysis
 - AC analysis
 - DC transfer curve analysis
 - Noise analysis

Answer: B

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2. General purpose, open source analog electronic simulator is known as
- MATLAB
 - SPICE
 - PROTEUS
 - C++

Answer: B

3. In SPICE, a sequence of nonlinear operating points calculated while sweeping an input voltage or current, or a circuit parameter is termed as
- DC analysis
 - AC analysis
 - DC transfer curve analysis
 - Noise analysis

Answer: C

4. In SPICE, non linear quiescent point calculation is termed as
- DC analysis
 - AC analysis
 - DC transfer curve analysis
 - Noise analysis

Answer: A

5. Statement used to store an estimate of DC operating point during transient analysis is
- .OP
 - .OPT

- c) .TRAN
- d) .TTRAN

Answer: A

6. Statement which bypass initial DC operating point analysis is

- a) .OP
- b) .OPT
- c) .TRAN
- d) .TTRAN

Answer: C

7. First commercial version of SPICE is

- a) PSPICE
- b) ISPICE
- c) TSPICE
- d) LSPICE

Answer: B

8. Analysis in which we replace a capacitor with an empty space and an inductor with a wire is called

- a) DC analysis
- b) AC analysis
- c) DC transfer curve analysis
- d) Noise analysis

Answer: A

9. In SPICE, AC analysis is a linear modified

- a) nodal analysis
- b) mesh analysis
- c) branch analysis
- d) Norton analysis

Answer: A

10. Transient analysis in a SPICE first perform analysis of

- a) AC operating point
- b) DC operating point
- c) AC non operating point
- d) DC non operating point

Answer: B

ADICHUNCHANAGIRI INSTITUTE OF TECHNOLOGY,

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DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

Add-On Course on Electronic Circuits Simulation

ASSESSMENT

1. A small signal analysis in the frequency domain is termed as
 - a) DC analysis
 - b) AC analysis
 - c) DC transfer curve analysis
 - d) Noise analysis

Answer: b

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Seen

2. General purpose, open source analog electronic simulator is known as
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 - b) SPICE
 - c) PROTEUS
 - d) C++

Answer: b

3. In SPICE, a sequence of nonlinear operating points calculated while sweeping an input voltage or current, or a circuit parameter is termed as
 - a) DC analysis
 - b) AC analysis
 - c) DC transfer curve analysis
 - d) Noise analysis

Answer: c

4. In SPICE, non linear quiescent point calculation is termed as
 - a) DC analysis
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 - d) Noise analysis

Answer: a

5. Statement used to store an estimate of DC operating point during transient analysis is
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- c) .TRAN
- d) .TTRAN

Answer: a

6. Statement which bypass initial DC operating point analysis is
- a) .OP
 - b) .OPT
 - c) .TRAN
 - d) .TTRAN

Answer: c

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- a) PSPICE
 - b) ISPICE_t
 - c) TSPICE
 - d) LSPICE

Answer: b

8. Analysis in which we replace a capacitor with an empty space and an inductor with a wire is called
- a) DC analysis
 - b) AC analysis
 - c) DC transfer curve analysis
 - d) Noise analysis

Answer: a

9. In SPICE, AC analysis is a linear modified
- a) nodal analysis
 - b) mesh analysis
 - c) branch analysis
 - d) Norton analysis

Answer: a

10. Transient analysis in a SPICE first perform analysis of
- a) AC operating point
 - b) DC operating point
 - c) AC non operating point
 - d) DC non operating point

Answer: b

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DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING
Add-On Course on Electronic Circuits Simulation
ASSESSMENT

1. A small signal analysis in the frequency domain is termed as
- DC analysis
 - AC analysis
 - DC transfer curve analysis
 - Noise analysis

Answer: b

2. General purpose, open source analog electronic simulator is known as
- MATLAB
 - SPICE
 - PROTEUS
 - C++

Answer: b

3. In SPICE, a sequence of nonlinear operating points calculated while sweeping an input voltage or current, or a circuit parameter is termed as
- DC analysis
 - AC analysis
 - DC transfer curve analysis
 - Noise analysis

Answer: a

4. In SPICE, non linear quiescent point calculation is termed as
- DC analysis
 - AC analysis
 - DC transfer curve analysis
 - Noise analysis

Answer: c

5. Statement used to store an estimate of DC operating point during transient analysis is
- .OP
 - .OPT

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- c) .TRAN
- d) .TTRAN

Answer: a

6. Statement which bypass initial DC operating point analysis is

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- b) .OPT
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- d) .TTRAN

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ASSESSMENT

1. A small signal analysis in the frequency domain is termed as
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 - c) DC transfer curve analysis
 - d) Noise analysis

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Answer: b

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 - d) Noise analysis

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 - c) DC transfer curve analysis
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 - b) .OPT

- c) .TRAN
- d) .TTRAN

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DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING
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ASSESSMENT

1. A small signal analysis in the frequency domain is termed as
- DC analysis
 - AC analysis
 - DC transfer curve analysis
 - Noise analysis

Answer: b

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2. General purpose, open source analog electronic simulator is known as
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 - PROTEUS
 - C++

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 - DC transfer curve analysis
 - Noise analysis

Answer: a

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 - .OPT

- c) .TRAN
- d) .TTRAN

Answer: a

6. Statement which bypass initial DC operating point analysis is
- a) .OP
 - b) .OPT
 - c) .TRAN
 - d) .TTRAN

Answer: C

7. First commercial version of SPICE is
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 - c) TSPICE
 - d) LSPICE

Answer: b

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10. Transient analysis in a SPICE first perform analysis of
- a) AC operating point
 - b) DC operating point
 - c) AC non operating point
 - d) DC non operating point

Answer: b

Date: 04 -02-2019 to 09/2/2019


**ADICHUNCHANAGIRI INSTITUTE OF TECHNOLOGY,
CHIKKAMAGALURU-577102.**

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

Add-On Course on Electronic Circuits Simulation

PARTICIPANTS FEEDBACK

Sl.No	DESCRIPTION	EXCELLENT	GOOD	POOR
1	How would you rate the presenter's knowledge on the concept?	✓		
2	How would you rate the concepts and Information provided by the Presenter?	✓		
3	What was your overall impression of the Course?	✓		
4	Remarks	No		


Signature of the Participant

Date: 04 -02-2019 to 09/2/2019

**ADICHUNCHANAGIRI INSTITUTE OF TECHNOLOGY,
CHIKKAMAGALURU-577102.**

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

Add-On Course on Electronic Circuits Simulation

PARTICIPANTS FEEDBACK

Sl.No	DESCRIPTION	EXCELLENT	GOOD	POOR
1	How would you rate the presenter's knowledge on the concept?		✓	
2	How would you rate the concepts and Information provided by the Presenter?	✓		
3	What was your overall impression of the Course?	✓		
4	Remarks	Its was good		



Signature of the Participant

Date: 04 -02-2019 to 09/2/2019

**ADICHUNCHANAGIRI INSTITUTE OF TECHNOLOGY,
CHIKKAMAGALURU-577102.**

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

Add-On Course on Electronic Circuits Simulation

PARTICIPANTS FEEDBACK

Sl.No	DESCRIPTION	EXCELLENT	GOOD	POOR
1	How would you rate the presenter's knowledge on the concept?	✓		
2	How would you rate the concepts and Information provided by the Presenter?	✓		
3	What was your overall impression of the Course?	✓		
4	Remarks	Session was good		

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Signature of the Participant

Date: 04 -02-2019 to 09/2/2019

**ADICHUNCHANAGIRI INSTITUTE OF TECHNOLOGY,
CHIKKAMAGALURU-577102.**

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

**Add-On Course on Electronic Circuits Simulation
PARTICIPANTS FEEDBACK**

Sl.No	DESCRIPTION	EXCELLENT	GOOD	POOR
1	How would you rate the presenter's knowledge on the concept?	✓		
2	How would you rate the concepts and Information provided by the Presenter?	✓		
3	What was your overall impression of the Course?	✓		
4	Remarks	Learn new tools		

Hce
Signature of the Participant

|| Jai Sri Gurudev ||

Sri Adichunchanagiri Shikshana Trust (R)

ADICHUNCHANAGIRI INSTITUTE OF TECHNOLOGY

CHIKKAMAGALURU-577 102

Department of Electrical & Electronics Engineering

Certificate of Participation

Chaitra . B.L.

This is to certify that _____ has successfully completed the add on course on "Electronic Circuit Simulation" from 4th to 9th February 2019 ,organized by Department of Electrical and Electronics Engineering.

P.B.

Prof. Poshitha B
Staff co-ordinator

[Signature]
Dr. G.R. Veerandra
H.O.D

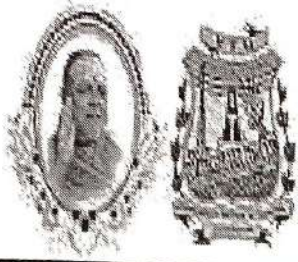
Adichunchanagiri Institute of Technology, Chikkamagaluru

Department of Electrical & Electronics Engineering

Summary & Course Outcome for Add-On Course Conducted in Year 2017-18

Sl. No	Type	Title	Summary	Course Outcome.
1.	Add-On course-1	Energy Analysis And Green Building Using Auto-Desk [08/01/2018 to 13/01/2018]	During the course, the students are able to understand the importance of Building Energy modeling, thermal properties for energy analysis, Fundamentals of AUTO DESK for green building analysis.	The student will be able to <ul style="list-style-type: none">• Understand the basics of Renewable energy resources,• Use of AUTO DESK revit setting for green building analysis.
2.	Add-On course-2	PCB Design [15/01/2018 to 20/01/2018]	During the course, the students are able to understand the importance of PCB Design in the field of Electronics. Also gained the knowledge about how the Circuits are designed & printed on the board.	The student will be able to <ul style="list-style-type: none">• Understand the basics of Circuit Design,• Design the power supply for the given specifications,• Classify the different types of Circuit Boards• Design the multilayer PCB

HOD's Signature
Dr. G. R. Veerendra, M.E., Ph.D
Prof. and Head
Dept. of Electrical & Electronics Engg.
A.I.T., Chikkamagaluru-577102
Karnataka - INDIA



|| Jai Sri Gurusdev ||
Sri Adichunchanagiri Shikshana Trust
Adichunchanagiri Institute of Technology

Chikkamagaluru - 577102, Karnataka
(Affiliated to Visvesvaraya Technological University, Belagavi,
Approved by AICTE, New Delhi and Recognised by Govt. of Karnataka.)
ACCREDITED BY NAAC, NBA, ISO 9001:2009 CERTIFIED



Report on

ADD ON COURSE

ENERGY ANALYSIS AND GREEN BUILDING USING AUTO-DESK

**Resource Person: Kavitha K.M
Assistant Professor**

Organized by

Department of Electrical & Electronics Engineering Date:

08/01/2018 to 13/01/2018



|| Jai Sri Gurudev ||



SRI ADICHUNCHANAGIRI SHIKSHANA TRUST ®
ADICHUNCHANAGIRI INSTITUTE OF TECHNOLOGY, CHIKKAMAGALURU
P.B No.91, Adichunchanagiri Extension, Chikkamagaluru-577 102, Karnataka, India.

Ref: AIT/IQAC/E&E/

Date: 04/001/2018

Circular

Department of Electrical and Electronics Engineering is conducting a Certificate Program (Add-on Program) on **"Energy Analysis and Green Building using Autodesk"** from 08/01/2018 to 13/001/2018. All other HOD's instruct the concern department students to attend the program. Following resource person (Course instructor) is conducting a certificate program at E&E Department.

Course Instructors:

Kavitha K M

Assistant Professor

Department of Electrical and Electronics Engineering

AIT, Chikkamagaluru.

Dr. G. R. Veerendra, M.E., Ph.D
Prof. and Head
Dept. of Electrical & Electronics Engg
A.I.T., Chikkamagaluru-577102
Karnataka - INDIA

HOD's Signature

Principal Signature
Dr. C.T. JAYARAJA
Principal
B.E., M.Tech., Ph.D
Adichunchanagiri Institute of Technology
CHIKKAMAGALURU-577102

Sl.No	Contents
1	Energy Analysis Renewable Energy sources, Fundamentals of energy process, Energy performance assessment and optimization, Building energy modeling.
2	Energy Analysis using AUTO-DESK Green building studio Analysis about rooms and spaces for energy, thermal properties for energy analysis, energy setting dialog.
3	Performance of energy analysis using building elements Using conceptual masses
4	Use of AUTO-DESK revit settings for energy analysis View energy model and results Cloud based energy analysis to improve energy performance of new & existing buildings
5	Revit Insight Insight empowerment of architects and engineers, more energy efficient buildings with advanced simulation engines.

Hands on Training using AUTO-DESK

ADICHUNCHANAGIRI INSTITUTE OF TECHNOLOGY: CHIKMAGALUR
Department of Electrical & Electronics Engineering



The following students are registered for the Energy Analysis
 and Green Buildings using AUTO-DESK

From 08/01/2018 to 13 /01/2018 (30 hours)

			SIGNATURE
1.	4AI12CV121	VINAY KUMAR R	<u>Vinay Kumar</u>
2.	4AI12CV131	SAI CHARAN N I	<u>Sai Charan N I</u>
3.	4AI13CV003	AKASH H R	<u>Akash</u>
4.	4AI13CV104	SUCHAKA R MARAK	<u>Suchaka</u>
5.	4AI13CV107	SUSHVIN H	<u>Sushvin</u>
6.	4AI14CV097	SOWMYASHREE S K	<u>Sowmyashree</u>
7.	4AI12CV350	KARTHIK B V	<u>Karthik</u>
8.	4AI14CV029	FARAZ AHAMED	<u>FA</u>
9.	4AI14CV085	SAMPREETH C V	<u>Sampreeth</u>
10.	4AI14CV125	SHREYA H N	<u>Shreya H N</u>
11.	4AI15CV001	ABHISHEK C S	<u>Abhishek</u>
12.	4AI15CV002	ABHISHEK M C	<u>Abhishek</u>
13.	4AI15CV003	AGNA H A	<u>Agna - H. A</u>
14.	4AI15CV006	AKSHITHA V R	<u>Akshitha</u>
15.	4AI15CV007	ANUSHA K R	<u>Anusha k R.</u>
16.	4AI15CV051	NAGARAJA K	<u>Nagaraja</u>
17.	4AI15CV052	NAMITHA M L	<u>Namitha</u>
18.	4AI15CV053	NATRAJ R L	<u>Natraj</u>
19.	4AI15CV054	NAVYASHREE S	<u>Navyashree</u>
20.	4AI15CV055	NISCHITHA RAJ	<u>Nischitha</u>
21.	4AI15CV056	NISCHITHA V S	<u>Nischitha V S</u>
22.	4AI15CV057	PARIKSHITH K H	<u>Parikshith</u>
23.	4AI15CV058	PAVAN C S	<u>Pavan c s</u>

	4A115CV059	PAVAN N P	Pavan NP
25.	4A115CV060	POOJA B T	Pooja BT
26.	4A115CV061	POOJA S KUMAR	Pooja SKumar
27.	4A115CV062	POOJITHA A O	Poojitha AO
28.	4A115CV063	PRABHU C	Prabhu C
29.	4A115CV064	PRAJWAL RAVISH GOWDA	Prabhu
30.	4A115CV065	PRAJWAL SURESH C S	Prabhu
31.	4A116CV007	ASHISH C	Ashish
32.	4A116CV008	BHALAJI B L	Bhalaj
33.	4A116CV009	BALAKRISHNA N P	Bhalaj
34.	4A116CV010	BHARATH C A	Bharath
35.	4A116CV011	BOOMIKA C L	Boornika
36.	4A116CV012	BOOMIKA H R	Boornika HR
37.	4A116CV013	BOOMIKA P L	Boornika PL
38.	4A116CV014	BHUMIKA L T	Bhu
39.	4A116CV015	BHUVAN GOWDA A H	Bhu
40.	4A116CV016	BINDHU K D	Bindhu K.D
41.	4A116CV017	CHANDAN P	Chandu
42.	4A116CV018	CHANDAN V G	Chandu
43.	4A116CV019	CHARAN J S	Charan
44.	4A116CV020	CHETHAN K	Chetan
45.	4A116CV021	CHIRAG M B	Chirag
46.	4A116CV022	DARSHAN G	Darshan
47.	4A116CV023	DARSHAN S M	Darshan
48.	4A116CV025	DEEPIKA S D	Deepika SD
49.	4A116CV027	DHANUSH M GOWDA	Dhanu
50.	4A116CV028	DHANUSH S N	Dhanu
51.	4A116CV029	FAIZAAN AHMED	Fay
52.	4A116CV030	GAGANA H	Gagana
53.	4A116CV031	GANESH K V	Ganu

	4AI16CV032	GOWTHAM D N	Gowtham
55.	4AI16CV033	HEMANTHA C R	Hema
56.	4AI16CV035	KARAN SINGH RAJPUROHIT	Karan
57.	4AI16CV036	KARTHIKA H T	KARa
58.	4AI16CV037	KARTHIKESWARA B O	Karthi.
59.	4AI16CV038	KAVYA D R	Keo
60.	4AI16CV039	KISHOR CHANDRA R	Kishor
61.	4AI16CV040	KRUPA A N	K. a. A. N
62.	4AI16CV041	LIKHITH ANAVERI A R	Likhith.
63.	4AI16CV042	MADHUSREE M K	Madhur
64.	4AI16CV043	MALLIKARJUNA B V	MALu
65.	4AI16CV044	MANJUNATH	Manju
66.	4AI16CV045	MANJUNATHA A S	Manju.
67.	4AI16CV047	MD ARMAAN	Arman
68.	4AI16CV049	MD ZABI G S	Zabi.
69.	4AI16CV130	SRUJAN DEV M D	Srujan Dev.
70.	4AI17CV400	ANIL MENEZES	Anil
71.	4AI17CV401	BHIMAREDDY S	Bhima
72.	4AI17CV402	BINDU M D	Bindu. MD
73.	4AI17CV403	CHANDAN KUMAR H V	Chandan
74.	4AI17CV405	DEEPA C B	Deepa
75.	4AI17CV406	DILEEP C	Dileep
76.	4AI17CV407	HAREESH	Hareesh
77.	4AI17CV408	KAVANA A N	Kava
78.	4AI17CV410	MADHU B C	Madhu. BC
79.	4AI17CV411	MANU R	Manu R.
80.	4AI17CV412	MEGHA C P	Megha
81.	4AI17CV413	MEGHANA H N	Meghana.
82.	4AI17CV415	NIKITHA N N	Nikitha
83.	4AI17CV416	POORNA CHANDRA D S	Poo

4AI17CV418	PRIYANKA S	
4AI17CV419	RAKSHITHA P S	

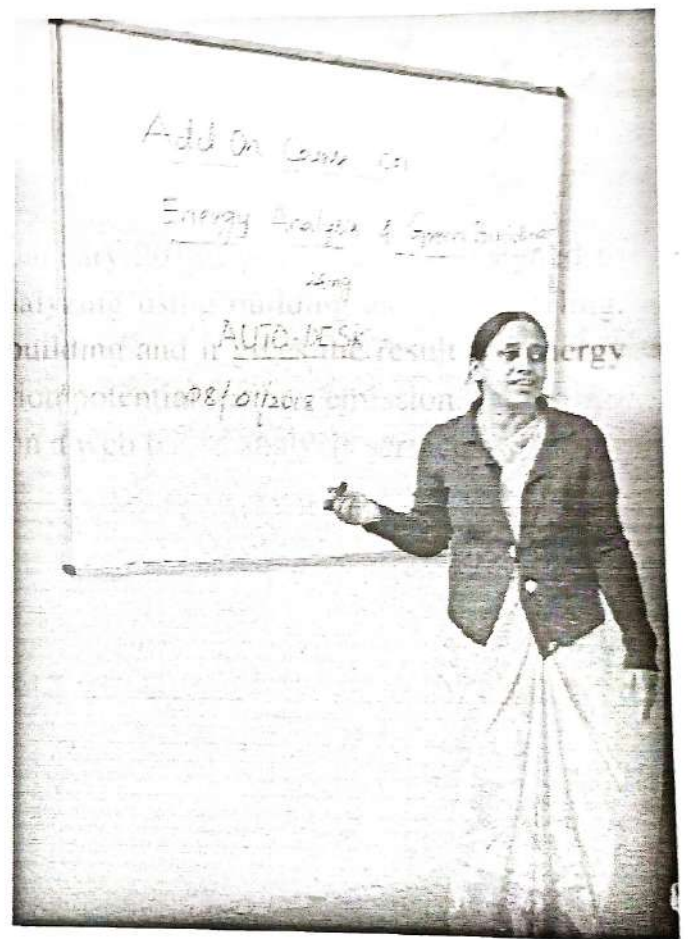
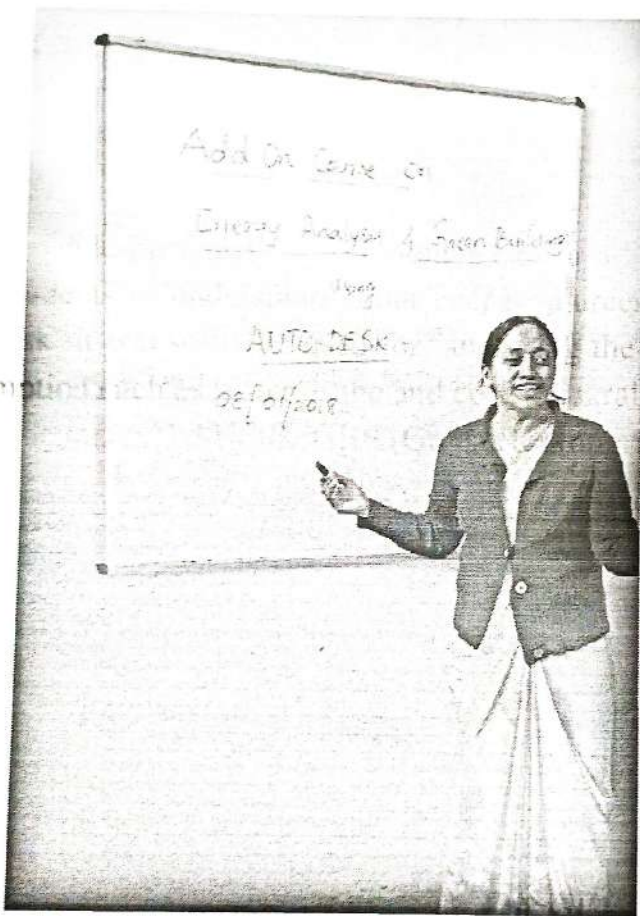


Signature of coordinator

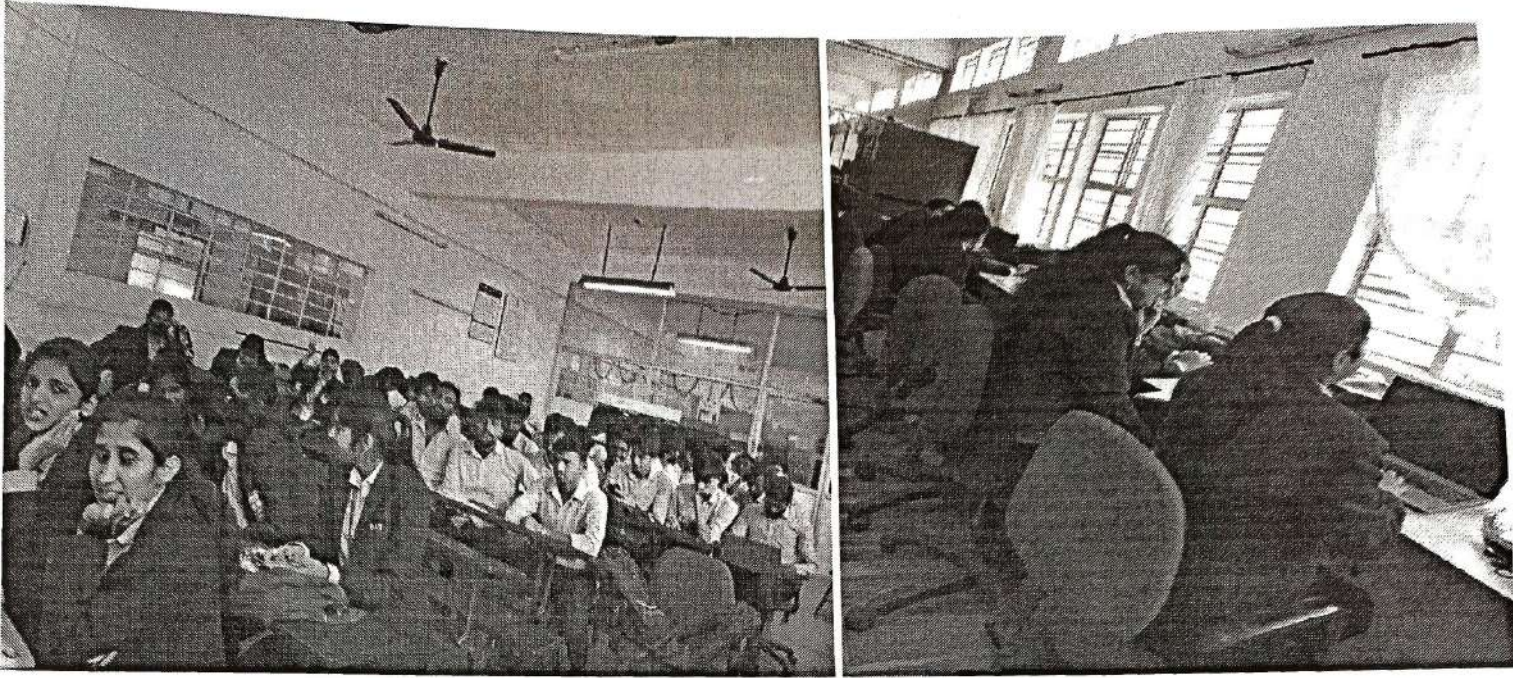
Dr. G. R. Veerendra, M.E., Ph.D
Prof. and Head
Dept. of Electrical & Electronics Engg
A.I.T., Chikkamagaluru-577103
Karnataka - INDIA


Signature of H O D

A six day add-on course was conducted from 8th to 13th January 2018, the course was designed to make students to understand about energy sources and analyzing using building energy modeling. AutoDesk it is a software used for analyzing the whole building and it gives the results of energy consumption such as water usage and costs, natural ventilation potential, carbon emission. AutoDesk analyzed by the GBS (Green Building Studio) on a web based analysis service.



Session delivered by Kavitha K.M



Students working on Autodesk

Outcomes of the Add on Course

After the completion of this course, the students were able to understand about fundamentals of energy process, energy performance and building model.

Add-On Course On Energy Analysis and Green Buildings using AUTO-DESK

Sl. No	Date	session	Speaker
1	08/01/2018	9.00 A.M to 12 P.M	Kavitha K M
2	08/01/2018	2.00 P M to 5.00 P M	
3	09/01/2018	9.00 A.M to 12 P.M	
4	09/01/2018	2.00 P M to 5.00 P M	
5	10/01/2018	9.00 A.M to 12 P.M	
6	10/01/2018	2.00 P M to 5.00 P M	
7	11/01/2018	9.00 A.M to 12 P.M	
8	11/01/2018	2.00 P M to 5.00 P M	
9	12/01/2018	9.00 A.M to 12 P.M	
10	12/01/2018	2.00 P M to 5.00 P M	
11	13/01/2018	9.00 A.M to 12 P.M	
12	13/01/2018	2.00 P M to 5.00 P M	

Signature of the
Coordinator

Kavitha K M

Signature of H.O.D

**Contents of Add-On Course Energy Analysis and Green Buildings using
AUTO-DESK**

Sl.No	Contents	No of Hours	
1	Energy Analysis Renewable Energy sources, Fundamentals of energy process, Energy performance assessment and optimization, Building energy modeling.	6	Hands on Training using AUTO-DESK
2	Energy Analysis using AUTO-DESK Green building studio Analysis about rooms and spaces for energy, thermal properties for energy analysis, energy setting dilog.	6	
3	Performance of energy analysis using building elements Using conceptual masses	6	
4	Use of AUTO-DESK revit settings for energy analysis View energy model and results Cloud based energy analysis to improve energy performance of new & existing buildings	6	
5	Revit Insight Insight empowerment of architects and engineers, more energy efficient buildings with advanced simulation engines.	6	

Signature of the
Coordinator

Kavitha K.M

Signature of H.O.D

Session Wise Attendance Form

The Add-On Course On Energy Analysis and Green Buildings using

AUTO-DESK ¹³ -01-2018

Sl. No.	USN	Name of the Student	Session-1	Session-2
1.	4AI12CV121	VINAY KUMAR R	<u>Vinaykumar</u>	<u>Vinay Kumar</u>
2.	4AI12CV131	SAI CHARAN NI	<u>Sai Charan</u>	<u>Sai Charan</u>
3.	4AI13CV003	AKASH H R	<u>AKASH</u>	<u>AKASH</u>
4.	4AI13CV104	SUCHAKA R MARAK	<u>Suchaka R. marak</u>	<u>Suchaka R. marak</u>
5.	4AI13CV107	SUSHVIN H	<u>Sushwin</u>	<u>Sushwin</u>
6.	4AI14CV097	SOWMYASHREE S K	<u>Sowmyashree</u>	<u>Sowmyashree</u>
7.	4AI12CV350	KARTHIK B V	<u>Karthik B</u>	<u>Karthik B</u>
8.	4AI14CV029	FARAZ AHAMED	<u>FA</u>	<u>FA</u>
9.	4AI14CV085	SAMPREETH C V	<u>Sampreeth</u>	<u>Sampreetha</u>
10.	4AI14CV125	SHREYA H N	<u>Shreya H.N</u>	<u>Shreya H.N</u>
11.	4AI15CV001	ABHISHEK C S	<u>Abhishek</u>	<u>Abhishek</u>
12.	4AI15CV002	ABHISHEK M C	<u>Abhil</u>	<u>Abhil</u>
13.	4AI15CV003	AGNA H A	<u>Agna H.A</u>	<u>Agna H.A</u>
14.	4AI15CV006	AKSHITHA V R	<u>Akshitha</u>	<u>Akshitha</u>
15.	4AI15CV007	ANUSHA K R	<u>Anusha K R</u>	<u>Anusha K R.</u>
16.	4AI15CV051	NAGARAJA K	<u>Nageraja</u>	<u>Nageraja</u>
17.	4AI15CV052	NAMITHA M L	<u>Namitha</u>	<u>Namitha</u>
18.	4AI15CV053	NATRAJ R L	<u>Natraya</u>	<u>Natraya</u>
19.	4AI15CV054	NAVYASHREE S	<u>Navyashree</u>	<u>Navyashree</u>
20.	4AI15CV055	NISCHITHA RAJ	<u>Nischitha</u>	<u>Nishitha</u>
21.	4AI15CV056	NISCHITHA V S	<u>Nischitha V S</u>	<u>Nischitha V S</u>
22.	4AI15CV057	PARIKSHITH K H	<u>Parikshith</u>	<u>Parikshith</u>

	4AI15CV058	PAVAN C S	Pavarnes	Pavarnes
24.	4AI15CV059	PAVAN NP	Pavan NP	Pavan NP
25.	4AI15CV060	POOJA BT	Pooja BT	Pooja BT
26.	4AI15CV061	POOJA S KUMAR	Pooja S Kumar	Pooja S Kumar
27.	4AI15CV062	POOJITHA A O	Pooji H	Pooji H
28.	4AI15CV063	PRABHU C	Prabhu.c	Prabhu.c
29.	4AI15CV064	PRAJWAL RAVISH GOWDA	Prajwal Ravish	Prajwal Ravish
30.	4AI15CV065	PRAJWAL SURESH C S	Pruff	Pruff
31.	4AI16CV007	ASHISH C	Ashish.c	Ashish.c
32.	4AI16CV008	BHALAJI B L	BHALL	BHLL
33.	4AI16CV009	BALAKRISHNA NP	Balaki	Balaki
34.	4AI16CV010	BHARATH C A	Bharath	Bharath
35.	4AI16CV011	BOOMIKA C L	Boomika	Boomika
36.	4AI16CV012	BOOMIKA HR	Boomika.HR	BoomikaHR
37.	4AI16CV013	BOOMIKA P L	Bhoomika PL	Bhoomika PL
38.	4AI16CV014	BHUMIKA L T	BHUMIL	BHIMI
39.	4AI16CV015	BHUVAN GOWDA A H	Bub	Bub
40.	4AI16CV016	BINDHU K D	Sindhu.k.D	Sindhu.k.D
41.	4AI16CV017	CHANDAN P	chana.p.	chana.p
42.	4AI16CV018	CHANDAN V G	chandan.v.g.	chandan.v.g.
43.	4AI16CV019	CHARAN J S	charan	charan
44.	4AI16CV020	CHETHAN K	Chethan	Chethan
45.	4AI16CV021	CHIRAG M B	Chirag	Chirag
46.	4AI16CV022	DARSHAN G	Darshan	Darshan
47.	4AI16CV023	DARSHAN S M	Darsh	Darsh
48.	4AI16CV025	DEEPIKA S D	Deepika.SD	Deepika.SD
49.	4AI16CV027	DHANUSH M GOWDA	Dhanush	Dhanush
50.	4AI16CV028	DHANUSH S N	Dhanu	Dhanu
51.	4AI16CV029	FAIZAAN AHMED	FA	FA

	4AI16CV030	GAGANA H	Gagana	Gagana
53.	4AI16CV031	GANESH K V	Gultha	Gultha
54.	4AI16CV032	GOWTHAM D N	Gowitham	Gowitham
55.	4AI16CV033	HEMANTHA C R	thibith	thibith
56.	4AI16CV035	KARAN SINGH RAJPUROHIT	Karohit	Karohit
57.	4AI16CV036	KARTHIKA H T	Karathika	Karathika
58.	4AI16CV037	KARTHIKESWARA B O	Kurthika	Kurthika
59.	4AI16CV038	KAVYA D R	Kavya. D. R	Kavya. D. R
60.	4AI16CV039	KISHOR CHANDRA R	Kishor m	Kishor m
61.	4AI16CV040	KRUPA A N	Ko a. A. N	Ko a. A. N
62.	4AI16CV041	LIKHITH ANAVERI A R	litha	litha
63.	4AI16CV042	MADHUSREE M K	Madhus.	Madhus.
64.	4AI16CV043	MALLIKARJUNA B V	Mall	Mall
65.	4AI16CV044	MANJUNATH	Manjunath	Manjuna
66.	4AI16CV045	MANJUNATHA A S	Manju.	Manju.
67.	4AI16CV047	MD ARMAAN	Ar.	Ar.
68.	4AI16CV049	MD ZABI G S	Zabi	Zabi
69.	4AI16CV130	SRUJAN DEV M D	Sukta	Sukta
70.	4AI17CV400	ANIL MENEZES	Anil menezes	Anil menezes
71.	4AI17CV401	BHIMAREDDY S	Bhimare	Bhimare
72.	4AI17CV402	BINDU M D	Bindu m	Bindu m
73.	4AI17CV403	CHANDAN KUMAR H V	Chunda	Chunda
74.	4AI17CV405	DEEPA C B	Deepa CB	Deepa CB
75.	4AI17CV406	DILEEP C	Dilleep C	Dilleep C
76.	4AI17CV407	HAREESH	Hareesh	Hareesh
77.	4AI17CV408	KAVANA A N	Kavya	Kavya.
78.	4AI17CV410	MADHU B C	Madhu B. C	Madhu B
79.	4AI17CV411	MANU R	Manu R	Manu R
80.	4AI17CV412	MEGHA C P	mees	mees
81.	4AI17CV413	MEGHANA H N	megha	mees

	4A117CV415	NIKITHA N N	<u>Nika</u>	<u>Nika</u>
83.	4A117CV416	POORNA CHANDRA D S	<u>Pooja</u>	<u>Pooja</u>
84.	4A117CV418	PRIYANKA S	<u>Priyanka</u>	<u>Priyanka</u>
85.	4A117CV419	RAKSHITHA P S	<u>Rak</u>	<u>Rak</u>

Kavitha K.M
Signature of coordinator

Dr. G. R. Veerendra, M.E., Ph.D
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A.I.T., Chikkamagahuru-577102
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[Signature]
Signature of H O D

Session Wise Attendance Form

The Add-On Course On Energy Analysis and Green Buildings using

AUTO-DESK II -01-2018

Sl. No.	USN	Name of the Student	Session-1	Session-2
1.	4AI12CV121	VINAY KUMAR R	Vinaykumar	Vinaykumar
2.	4AI12CV131	SAI CHARAN N I	Saicharan	Saicharan
3.	4AI13CV003	AKASH H R	Akash	Akash
4.	4AI13CV104	SUCHAKA R MARAK	Suchaka	Suchaka
5.	4AI13CV107	SUSHVIN H	Sushwin	Sushwin
6.	4AI14CV097	SOWMYASHREE S K	Somyashree	Somyashree
7.	4AI12CV350	KARTHIK B V	Karthik	Karthik
8.	4AI14CV029	FARAZ AHAMED	FA	FA
9.	4AI14CV085	SAMPREETH C V	Sampreeth	Sampreeth
10.	4AI14CV125	SHREYA H N	Shreya H N	Shreya H N
11.	4AI15CV001	ABHISHEK C S	Abhishek	Abhishek
12.	4AI15CV002	ABHISHEK M C	Abhishek	Abhishek
13.	4AI15CV003	AGNA H A	Agna-H-A	Agna-H-A
14.	4AI15CV006	AKSHITHA V R	Akshitha	Akshitha
15.	4AI15CV007	ANUSHA K R	Anusha k r	Anusha k r
16.	4AI15CV051	NAGARAJA K	Nagaraj	Nagaraj
17.	4AI15CV052	NAMITHA M L	Namitha	Namitha
18.	4AI15CV053	NATRAJ R L	Nataraj	Nataraj
19.	4AI15CV054	NAVYASHREE S	Navyashree	Navyashree
20.	4AI15CV055	NISCHITHA RAJ	Nischitha	Nischitha
21.	4AI15CV056	NISCHITHA V S	Nischitha V S	Nischitha
22.	4AI15CV057	PARIKSHITH K H	Parikshith	Parikshith

	4AI15CV058	PAVAN C S		
24.	4AI15CV059	PAVAN NP	Pavan cs	Pavarn cs
25.	4AI15CV060	POOJA B T	Pavarn NP	Pavarn NP
26.	4AI15CV061	POOJA S KUMAR	Pooja B T	POOJA B T
27.	4AI15CV062	POOJITHA A O	Pooja. S. Kumar	Pooja. S. Kumar
28.	4AI15CV063	PRABHU C	Poojith	Poojith
29.	4AI15CV064	PRAJWAL RAVISH GOWDA	PRABHU	PRABHU
30.	4AI15CV065	PRAJWAL SURESH C S	PRAJWAL	PRAJWAL
31.	4AI16CV007	ASHISH C	Pruff	Pruff
32.	4AI16CV008	BHALAJI B L	Ashisha. c	Ashish: c
33.	4AI16CV009	BALAKRISHNA N P	BHALI	BHIL
34.	4AI16CV010	BHARATH C A	Bulakisha	Bulakish
35.	4AI16CV011	BOOMIKA C L	Bharath	Bharath
36.	4AI16CV012	BOOMIKA H R	Boomikar	Boomikar
37.	4AI16CV013	BOOMIKA P L	Boomika. ND	Boomika. ND
38.	4AI16CV014	BHUMIKA L T	Bhoomika. PL	Bhoomika. PL
39.	4AI16CV015	BHUVAN GOWDA A H	Bhumika	Bhumika
40.	4AI16CV016	BINDHU K D	Bubu	Bubu
41.	4AI16CV017	CHANDAN P	Bindhu. K. D	Bindhu. K. D
42.	4AI16CV018	CHANDAN V G	Chana. P	Chana. P
43.	4AI16CV019	CHARAN J S	Chandana. V G	Chandana. V G
44.	4AI16CV020	CHETHAN K	Charan	Charan
45.	4AI16CV021	CHIRAG M B	Chethan	Chethan
46.	4AI16CV022	DARSHAN G	Chirag	Chirag
47.	4AI16CV023	DARSHAN S M	Darshan	Darshan
48.	4AI16CV025	DEEPIKA S D	Dub	Dub
49.	4AI16CV027	DHANUSH M GOWDA	Deepika. S. D	Deepika. S. D
50.	4AI16CV028	DHANUSH S N	Dubha	Dubha
51.	4AI16CV029	FAIZAAN AHMED	Dhub	Dhub

	4AI16CV030	GAGANA H	Gagana	Gagana
53.	4AI16CV031	GANESH K V	Ganesh	Ganesh
54.	4AI16CV032	GOWTHAM D N	Gowtham	Gowtham
55.	4AI16CV033	HEMANTHA C R	Hemant	Hemant
56.	4AI16CV035	KARAN SINGH RAJPUROHIT	Karnal	Karthis
57.	4AI16CV036	KARTHIKA H T	Karthika	Karthika
58.	4AI16CV037	KARTHIKESWARA B O	Karthika	Kulhas
59.	4AI16CV038	KAVYA D R	Kavya D.R.	Kavya D.R.
60.	4AI16CV039	KISHOR CHANDRA R	Kirshor chandra	Kishor
61.	4AI16CV040	KRUPA A N	Krupa A.N	Krupa A.N
62.	4AI16CV041	LIKHITH ANAVERI A R	Likhith	Likhith
63.	4AI16CV042	MADHUSREE M K	Madhu	Madhu
64.	4AI16CV043	MALLIKARJUNA B V	malik	malik
65.	4AI16CV044	MANJUNATH	manu	manu
66.	4AI16CV045	MANJUNATHA A S	manu	manu
67.	4AI16CV047	MD ARMAAN	MD	MD
68.	4AI16CV049	MD ZABI G S	MD	MD
69.	4AI16CV130	SRUJAN DEV M D	Srujan	Srujan
70.	4AI17CV400	ANIL MENEZES	Anil	Anil
71.	4AI17CV401	BHIMAREDDY S	Bhimareddy	Bhimareddy
72.	4AI17CV402	BINDU M D	Bindu	Bindu
73.	4AI17CV403	CHANDAN KUMAR H V	Chandan	Chandan
74.	4AI17CV405	DEEPA C B	Deepa	Deepa
75.	4AI17CV406	DILEEP C	Dileep	Dileep
76.	4AI17CV407	HAREESH	Hareesh	Hareesh
77.	4AI17CV408	KAVANA A N	Kavana	Kavana
78.	4AI17CV410	MADHU B C	Madhu B C	Madhu B C
79.	4AI17CV411	MANU R	Manu R	Manu R.
80.	4AI17CV412	MEGHA C P	Megha	Megha
81.	4AI17CV413	MEGHANA H N	Megha	Megha

	4A117CV415	NIKITHA N N	Ni/ko	Ni/ko
83.	4A117CV416	POORNA CHANDRA D S	Poor/na	Poor/na
84.	4A117CV418	PRIYANKA S	Pri/ya/ka	Pri/ya/ka
85.	4A117CV419	RAKSHITHA P S	Rak/shitha	Rak/shitha

Kavitha R. M.

Signature of coordinator

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 Karnataka - INDIA

Signature of H O D

Session Wise Attendance Form

The Add-On Course On Energy Analysis and Green Buildings using

AUTO-DESK 9-01-2018

Sl. No.	USN	Name of the Student	Session-1	Session-2
1.	4AI12CV121	VINAY KUMAR R	<u>Viray Kumar</u>	<u>Viray Kumar</u>
2.	4AI12CV131	SAI CHARAN N I	<u>Saicharan</u>	<u>Saicharan</u>
3.	4AI13CV003	AKASH H R	<u>AKash</u>	<u>AKash</u>
4.	4AI13CV104	SUCHAKA R MARAK	<u>Suchaka</u>	<u>Suchaka</u>
5.	4AI13CV107	SUSHVIN H	<u>Sushvin</u>	<u>Sushvin</u>
6.	4AI14CV097	SOWMYASHREE S K	<u>Sowmyashree</u>	<u>Sowmyashree</u>
7.	4AI12CV350	KARTHIK B V	<u>Karthik</u>	<u>Karthik</u>
8.	4AI14CV029	FARAZ AHAMED	<u>FA</u>	<u>FA</u>
9.	4AI14CV085	SAMPREETH C V	<u>Sampreeth</u>	<u>Sampreeth</u>
10.	4AI14CV125	SHREYA H N	<u>Shreya H N</u>	<u>Shreya H N</u>
11.	4AI15CV001	ABHISHEK C S	<u>Abhishek</u>	<u>Abhishek</u>
12.	4AI15CV002	ABHISHEK M C	<u>Abhil</u>	<u>Abhil</u>
13.	4AI15CV003	AGNA H A	<u>Agna H.A</u>	<u>Agna H.A</u>
14.	4AI15CV006	AKSHITHA V R	<u>Akshitha</u>	<u>Akshitha</u>
15.	4AI15CV007	ANUSHA K R	<u>Anusha KR</u>	<u>Anusha KR</u>
16.	4AI15CV051	NAGARAJA K	<u>Nagaraja</u>	<u>Nagaraja</u>
17.	4AI15CV052	NAMITHA M L	<u>Namitha</u>	<u>Namitha</u>
18.	4AI15CV053	NATRAJ R L	<u>Natraj</u>	<u>Natraj</u>
19.	4AI15CV054	NAVYASHREE S	<u>Navyashree</u>	<u>Navyashree</u>
20.	4AI15CV055	NISCHITHA RAJ	<u>Nishitha</u>	<u>Nishitha</u>
21.	4AI15CV056	NISCHITHA V S	<u>Nishitha V S</u>	<u>Nishitha V S</u>
22.	4AI15CV057	PAIKSHITH K H	<u>Paikshith</u>	<u>Paikshith</u>

	4AI15CV058	PAVAN C S	Pavan c s	Pavan c s
24.	4AI15CV059	PAVAN N P	Pavan NP	Pavan NP.
25.	4AI15CV060	POOJA B T	Pooja BT	Pooja BT
26.	4AI15CV061	POOJA S KUMAR	Pooja S Kumar Pooja S Kumar	Pooja S Kumar Pooja S Kumar
27.	4AI15CV062	POOJITHA A O	Poojitha	Poojitha
28.	4AI15CV063	PRABHU C	Prabhu	Prabhu
29.	4AI15CV064	PRAJWAL RAVISH GOWDA	Prajwal	Prajwal
30.	4AI15CV065	PRAJWAL SURESH C S	Prajwal	Prajwal
31.	4AI16CV007	ASHISH C	Ashish	Ashish
32.	4AI16CV008	BHALAJI B L	Bhalaji	Bhalaji
33.	4AI16CV009	BALAKRISHNA N P	Balaji	Bhalaji
34.	4AI16CV010	BHARATH C A	Bharath	Bharath
35.	4AI16CV011	BOOMIKA C L	Boomika C-L	Boomika
36.	4AI16CV012	BOOMIKA H R	Boomika HR	Boomika HR
37.	4AI16CV013	BOOMIKA P L	Boomika PL	Boomika PL
38.	4AI16CV014	BHUMIKA L T	Bhumika	Bhumika
39.	4AI16CV015	BHUVAN GOWDA A H	Bhuvan	Bhuvan
40.	4AI16CV016	BINDHU K D	Bindhu-KD	Bindhu-K-1
41.	4AI16CV017	CHANDAN P	Chandan	Chandan
42.	4AI16CV018	CHANDAN V G	Chand V G	Chand V G
43.	4AI16CV019	CHARAN J S	Charan	Charan
44.	4AI16CV020	CHETHAN K	Chetan	Chetan
45.	4AI16CV021	CHIRAG M B	Chirag	Chirag
46.	4AI16CV022	DARSHAN G	Darshan	Darshan
47.	4AI16CV023	DARSHAN S M	Deer	Darshan
48.	4AI16CV025	DEEPIKA S D	Deepika S D	Deepika S D
49.	4AI16CV027	DHANUSH M GOWDA	Dhanu	Dhanu
50.	4AI16CV028	DHANUSH S N	Dhanu	Dhanu
51.	4AI16CV029	FAIZAAN AHMED	FA	FA

	4AI16CV030	GAGANA H	Gagana.	Gagana
53.	4AI16CV031	GANESH K V	Gan	Gan
54.	4AI16CV032	GOWTHAM D N	Gowthar	Gowthar
55.	4AI16CV033	HEMANTHA C R	Heman	Heman
56.	4AI16CV035	KARAN SINGH RAJPUROHIT	Karan	Karan
57.	4AI16CV036	KARTHIKA H T	Karthi	Karthi
58.	4AI16CV037	KARTHIKESWARA B O	Karthi	Karthi
59.	4AI16CV038	KAVYA D R	Kavya	Kavya
60.	4AI16CV039	KISHOR CHANDRA R	Kishor	Kishor
61.	4AI16CV040	KRUPA A N	K. a. A.N	K. a. A.N
62.	4AI16CV041	LIKHITH ANAVERI A R	Lithi	Lithi
63.	4AI16CV042	MADHUSREE M K	Madhu	Madhu
64.	4AI16CV043	MALLIKARJUNA B V	Mallik	Mallik
65.	4AI16CV044	MANJUNATH	Manjun	Manjun
66.	4AI16CV045	MANJUNATHA A S	Manjun	Manjun
67.	4AI16CV047	MD ARMAAN	Arman	Arman
68.	4AI16CV049	MD ZABI G S	Zabi	Zabi
69.	4AI16CV130	SRUJAN DEV M D	Srujan Dev	Srujan Dev
70.	4AI17CV400	ANIL MENEZES	Anil	Anil
71.	4AI17CV401	BHIMAREDDY S	Bhimare	Bhimare
72.	4AI17CV402	BINDU M D	Bindu M D	Bindu M D
73.	4AI17CV403	CHANDAN KUMAR H V	Chandan	Chandan
74.	4AI17CV405	DEEPA C B	Deepa C B	Deepa C B
75.	4AI17CV406	DILEEP C	Dileep	Dileep
76.	4AI17CV407	HAREESH	Hareesh	Hareesh
77.	4AI17CV408	KAVANA A N	Kavana	Kavana
78.	4AI17CV410	MADHU B C	Madhu. B C	Madhu. B C
79.	4AI17CV411	MANU R	Manu R	Manu R
80.	4AI17CV412	MEGHA C P	Mega	Mega
81.	4AI17CV413	MEGHANA H N	Megha	Megha

	4AI17CV415	NIKITHA N N	<i>nu</i>	<i>nib</i>
83.	4AI17CV416	POORNA CHANDRA D S	<i>pu</i>	<i>Poy</i>
84.	4AI17CV418	PRIYANKA S	<i>Priyank</i>	<i>Priyank</i>
85.	4AI17CV419	RAKSHITHA P S	<i>Red</i>	<i>Red</i>

Nikitha K.M.

Signature of coordinator

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Signature of H O D

Session Wise Attendance Form

The Add-On Course On Energy Analysis and Green Buildings using

AUTO-DESK 08-01-2018

Sl. No.	USN	Name of the Student	Session-1	Session-2
1.	4AI12CV121	VINAY KUMAR R	<u>Viray Kumar</u>	<u>Viray Kumar</u>
2.	4AI12CV131	SAI CHARAN N I	<u>Saicharan</u>	<u>Saicharan</u>
3.	4AI13CV003	AKASH H R	<u>ARash</u>	<u>ARash</u>
4.	4AI13CV104	SUCHAKA R MARAK	<u>Suchaka</u>	<u>Suchaka</u>
5.	4AI13CV107	SUSHVIN H	<u>SUSHVIN H</u>	<u>SUSHVIN H</u>
6.	4AI14CV097	SOWMYASHREE S K	<u>Sowmyashree</u>	<u>Sowmyashree</u>
7.	4AI12CV350	KARTHIK B V	<u>Karthik</u>	<u>Karthik</u>
8.	4AI14CV029	FARAZ AHAMED	<u>FA</u>	<u>FA</u>
9.	4AI14CV085	SAMPREETH C V	<u>Sampreeth</u>	<u>Sampreeth</u>
10.	4AI14CV125	SHREYA H N	<u>Shreya H N</u>	<u>Shreya H N</u>
11.	4AI15CV001	ABHISHEK C S	<u>Abhishek</u>	<u>Abhishek</u>
12.	4AI15CV002	ABHISHEK M C	<u>Abhishek</u>	<u>Abhishek</u>
13.	4AI15CV003	AGNA H A	<u>Agna H.A</u>	<u>Agna H.A</u>
14.	4AI15CV006	AKSHITHA V R	<u>Akshitha</u>	<u>Akshitha</u>
15.	4AI15CV007	ANUSHA K R	<u>Anusha KR</u>	<u>Anusha KR</u>
16.	4AI15CV051	NAGARAJA K	<u>Nagaraja</u>	<u>Nagaraja</u>
17.	4AI15CV052	NAMITHA M L	<u>ML</u>	<u>ML</u>
18.	4AI15CV053	NATRAJ R L	<u>Natraj</u>	<u>Natraj</u>
19.	4AI15CV054	NAVYASHREE S	<u>NAVY</u>	<u>NAVY</u>
20.	4AI15CV055	NISCHITHA RAJ	<u>Nischitha</u>	<u>Nischitha</u>
21.	4AI15CV056	NISCHITHA V S	<u>Nischitha</u>	<u>Nischitha</u>
22.	4AI15CV057	PARIKSHITH K H	<u>Parikshith</u>	<u>Parikshith</u>

	4AI15CV058	PAVAN C S	Pavan c s	Pavancs
24.	4AI15CV059	PAVAN N P	Pavan NP	Pavan NP
25.	4AI15CV060	POOJA B T	Pooja BT	Pooja BT
26.	4AI15CV061	POOJA S KUMAR	Pooja S kumar	Pooja S kumar
27.	4AI15CV062	POOJITHA A O	Poojithy	Poojith
28.	4AI15CV063	PRABHU C	Prabhu	Prabhu
29.	4AI15CV064	PRAJWAL RAVISH GOWDA	Prajwal	Prajwal
30.	4AI15CV065	PRAJWAL SURESH C S	Prajwals	Prajwals
31.	4AI16CV007	ASHISH C	Ashisha c	Ashisha.c
32.	4AI16CV008	BHALAJI B L	Balaji	Balaji
33.	4AI16CV009	BALAKRISHNA N P	Balakrishna	Balakrishna
34.	4AI16CV010	BHARATH C A	Bharath	Bharath
35.	4AI16CV011	BOOMIKA C L	Bhoomika	Bhoomika
36.	4AI16CV012	BOOMIKA H R	Bhoomika HR	Bhoomika HR
37.	4AI16CV013	BOOMIKA P L	Bhoomika PL	Bhoomika PL
38.	4AI16CV014	BHUMIKA L T	Bhumika	Bhumika
39.	4AI16CV015	BHUVAN GOWDA A H	Bhuvan	Bhuvan
40.	4AI16CV016	BINDHU K D	Bindhu.K-D	Bindhu.K-D
41.	4AI16CV017	CHANDAN P	Chandan	Chandan
42.	4AI16CV018	CHANDAN V G	Chand. VG	Chand. Vlg
43.	4AI16CV019	CHARAN J S	Charan	Charan
44.	4AI16CV020	CETHAN K	Chethan	Chethan
45.	4AI16CV021	CHIRAG M B	Chirag	Chirag
46.	4AI16CV022	DARSHAN G	Das	Das
47.	4AI16CV023	DARSHAN S M	Das	Das
48.	4AI16CV025	DEEPIKA S D	Deepika SD	Deepika SD
49.	4AI16CV027	DHANUSH M GOWDA	Dhanush	Dhanush
50.	4AI16CV028	DHANUSH S N	Dhanush SN	Dhanush SN
51.	4AI16CV029	FAIZAAN AHMED	FA.	FA.

	4AI16CV030	GAGANA H	Gagana	Gagana
53.	4AI16CV031	GANESH K V	Guno	Guno
54.	4AI16CV032	GOWTHAM D N	Gowtham	Gowtham
55.	4AI16CV033	HEMANTHA C R	Hemanta	Hemanta
56.	4AI16CV035	KARAN SINGH RAJPUROHIT	Karan S.P.	Karan S.P.
57.	4AI16CV036	KARTHIKA H T	Karo	Karo
58.	4AI16CV037	KARTHIKESWARA B O	Karthi	Karthi
59.	4AI16CV038	KAVYA D R	Kavo	Kavo
60.	4AI16CV039	KISHOR CHANDRA R	Kishor	Kishor
61.	4AI16CV040	KRUPA A N	Ko-a.A.N	Ko-a.A.N
62.	4AI16CV041	LIKHITH ANAVERI A R	Liko	Liko
63.	4AI16CV042	MADHUSREE M K	Makho	mall
64.	4AI16CV043	MALLIKARJUNA B V	mal	mall
65.	4AI16CV044	MANJUNATH	Mjo	Mjo
66.	4AI16CV045	MANJUNATHA A S	Manta	Manta
67.	4AI16CV047	MD ARMAAN	Arma	Arma
68.	4AI16CV049	MD ZABI G S	mi	mi
69.	4AI16CV130	SRUJAN DEV M D	Srujo	Srujo
70.	4AI17CV400	ANIL MENEZES	Anil	Anil
71.	4AI17CV401	BHIMAREDDY-S	Bhimar	Bhimar
72.	4AI17CV402	BINDU M D	Bindu.M.D	Bindu.MD
73.	4AI17CV403	CHANDAN KUMAR H V	Chun	chun
74.	4AI17CV405	DEEPA C B	Deeba CB	Deeba CB
75.	4AI17CV406	DILEEP C	Deeo	Deeo
76.	4AI17CV407	HAREESH	Har	Har
77.	4AI17CV408	KAVANA A N	Kaa	Kaa
78.	4AI17CV410	MADHU B C	Madhu BC	madhu BC
79.	4AI17CV411	MANU R	MA	MA
80.	4AI17CV412	MEGHA C P	megha	megha
81.	4AI17CV413	MEGHANA H N	megh	megh

	4AI17CV415	NIKITHA N N	<i>Nika</i>	<i>Nika</i>
83.	4AI17CV416	POORNA CHANDRA D S	<i>Poorn</i>	<i>Poorn</i>
84.	4AI17CV418	PRIYANKA S	<i>Priyanka</i>	<i>Priyanka</i>
85.	4AI17CV419	RAKSHITHA P S	<i>Rak</i>	<i>Rak</i>

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Signature of coordinator

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AUTO-DESK 12 -01-2018

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1.	4AI12CV121	VINAY KUMAR R	Vinay Kumar	Vinay Kumar
2.	4AI12CV131	SAI CHARAN N I	Saicharan	Saicharan
3.	4AI13CV003	AKASH H R	Akash	Akash
4.	4AI13CV104	SUCHAKA R MARAK	Suchaka	
5.	4AI13CV107	SUSHVIN H	Sushwin	Sushwin
6.	4AI14CV097	SOWMYASHREE S K	Sowmyashree	Sowmyashree
7.	4AI12CV350	KARTHIK B V	Karthik	Karthik
8.	4AI14CV029	FARAZ AHAMED	FA	FA
9.	4AI14CV085	SAMPREETH C V	Sampreeth	Sampreeth
10.	4AI14CV125	SHREYA H N	Shreyah	Shreyah
11.	4AI15CV001	ABHISHEK C S	Abhishek	Abhishek
12.	4AI15CV002	ABHISHEK M C	Abhishek	Abhishek
13.	4AI15CV003	AGNA H A	Agna - H. A	Agna - H. A
14.	4AI15CV006	AKSHITHA V R	Akshitha	Akshitha
15.	4AI15CV007	ANUSHA K R	Anusha k R	Anusha k R.
16.	4AI15CV051	NAGARAJA K	Nagaraja	Nagaraj
17.	4AI15CV052	NAMITHA M L	Namitha	Namitha
18.	4AI15CV053	NATRAJ R L	Natraj	Natraj
19.	4AI15CV054	NAVYASHREE S	Navyashree	Navyashree
20.	4AI15CV055	NISCHITHA RAJ	Nischitha	Nischitha
21.	4AI15CV056	NISCHITHA V S	Nischitha	Nischitha
22.	4AI15CV057	PARIKSHITH K H	Parikshith	Parikshith

	4AI15CV058	PAVAN C S	Pavan C S	Pavanes
24.	4AI15CV059	PAVAN N P	Pavan NP	Pavan NP
25.	4AI15CV060	POOJA B T	Pooja BT	Pooj BT
26.	4AI15CV061	POOJA S KUMAR	Poojas Kumar	Poojaskumar
27.	4AI15CV062	POOJITHA A O	Poojitha A O	Poojitha A O
28.	4AI15CV063	PRABHU C	Prabhu C	Prabhu C
29.	4AI15CV064	PRAJWAL RAVISH GOWDA	Prajwal	Prajwal
30.	4AI15CV065	PRAJWAL SURESH C S	Prajwal	Prajwal
31.	4AI16CV007	ASHISH C	Ashish C	Ashish C
32.	4AI16CV008	BHALAJI B L	Bhalaji	Bhalaji
33.	4AI16CV009	BALAKRISHNA N P	Balakrishna	Balakrishna
34.	4AI16CV010	BHARATH C A	Bharath	Bharath
35.	4AI16CV011	BOOMIKA C L	Boomika	Boomika
36.	4AI16CV012	BOOMIKA H R	Boomika HR	Boomika HR
37.	4AI16CV013	BOOMIKA P L	Bhoomika PL	Bhoomika PL
38.	4AI16CV014	BHUMIKA L T	Bhumi	Bhumi
39.	4AI16CV015	BHUVAN GOWDA A H	Bhuvan	Bhuvan
40.	4AI16CV016	BINDHU K D	Bindhu K D	Bindhu K D
41.	4AI16CV017	CHANDAN P	Chandan	Chandan
42.	4AI16CV018	CHANDAN V G	chand	chand
43.	4AI16CV019	CHARAN J S	Charan	Charan
44.	4AI16CV020	CHETHAN K	Chethan	Chethan
45.	4AI16CV021	CHIRAG M B	Chirag	Chirag
46.	4AI16CV022	DARSHAN G	Darshan	Darshan
47.	4AI16CV023	DARSHAN S M	Dar	Dar
48.	4AI16CV025	DEEPIKA S D	Deepika SD	Deepika SD
49.	4AI16CV027	DHANUSH M GOWDA	Dhanush	Dhanush
50.	4AI16CV028	DHANUSH S N	Dhan	Dhan
51.	4AI16CV029	FAIZAAN AHMED	FA	FA

	4AI16CV030	GAGANA H	Gagana	Gagana
53.	4AI16CV031	GANESH K V	Ganesh	Ganesh
54.	4AI16CV032	GOWTHAM D N	Gowtham	Gowtham
55.	4AI16CV033	HEMANTHA C R	Hemant	Hemant
56.	4AI16CV035	KARAN SINGH RAJPUROHIT	Karan	Karan
57.	4AI16CV036	KARTHIKA H T	Karthika	Karthika
58.	4AI16CV037	KARTHIKESWARA B O	Karthik	Karthi
59.	4AI16CV038	KAVYA D R	Kavya	Kavya
60.	4AI16CV039	KISHOR CHANDRA R	Kishor	Kishor
61.	4AI16CV040	KRUPA A N	Kr. a. A. N	Kr. a. A. N
62.	4AI16CV041	LIKHITH ANAVERI A R	Likhith	Likhith
63.	4AI16CV042	MADHUSREE M K	Madhu	Madhu
64.	4AI16CV043	MALLIKARJUNA B V	Malik	Malik
65.	4AI16CV044	MANJUNATH	Manu	Manu
66.	4AI16CV045	MANJUNATHA A S	Manu	Manu
67.	4AI16CV047	MD ARMAAN	MD	MD
68.	4AI16CV049	MD ZABI G S	MDZ	MDZ
69.	4AI16CV130	SRUJAN DEV M D	Srujan	Srujan
70.	4AI17CV400	ANIL MENEZES	Anil	Anil
71.	4AI17CV401	BHIMAREDDY S	Bhim	Bhim
72.	4AI17CV402	BINDU M D	Bindu MD	Bindu MD
73.	4AI17CV403	CHANDAN KUMAR H V	Chand	Chand
74.	4AI17CV405	DEEPA C B	Deep	Deep
75.	4AI17CV406	DILEEP C	Dileep	Dileep
76.	4AI17CV407	HAREESH	Haree	Haree
77.	4AI17CV408	KAVANA A N	Kanu	Kanu
78.	4AI17CV410	MADHU B C	Madhu B	Madhu B
79.	4AI17CV411	MANU R	Manu R	Manu R
80.	4AI17CV412	MEGHA C P	Megh	Megha
81.	4AI17CV413	MEGHANA H N	Megh	Megh

	4AI17CV415	NIKITHA N N	<u>Nika</u>	<u>niku</u>
83.	4AI17CV416	POORNA CHANDRA D S	<u>Pooru</u>	<u>Pooru</u>
84.	4AI17CV418	PRIYANKA S	<u>Priyanka</u>	<u>Priyanka</u>
85.	4AI17CV419	RAKSHITHA P S	<u>Rak</u>	<u>Rak</u>

Kavitha K. M

Signature of coordinator

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2.	4AI12CV131	SAI CHARAN N I	<u>Sai Charan</u>	<u>Sai Charan</u>
3.	4AI13CV003	AKASH H R	<u>AKash</u>	<u>AKash</u>
4.	4AI13CV104	SUCHAKA R MARAK	<u>Suchaka</u>	<u>Suchaka</u>
5.	4AI13CV107	SUSHVIN H	<u>Sushvin</u>	<u>Sushvin</u>
6.	4AI14CV097	SOWMYASHREE S K	<u>Somyashree</u>	<u>Somyashree</u>
7.	4AI12CV350	KARTHIK B V	<u>Karthik</u>	<u>Karthik</u>
8.	4AI14CV029	FARAZ AHAMED	<u>FA</u>	<u>FA</u>
9.	4AI14CV085	SAMPREETH C V	<u>Sampreeth</u>	<u>Sampreeth</u>
10.	4AI14CV125	SHREYA H N	<u>Shreya</u>	<u>Shreya</u>
11.	4AI15CV001	ABHISHEK C S	<u>Abhishek</u>	<u>Abhishek</u>
12.	4AI15CV002	ABHISHEK M C	<u>Abhil</u>	<u>Abhil</u>
13.	4AI15CV003	AGNA H A	<u>Agna-H-A</u>	<u>Agna-H-A</u>
14.	4AI15CV006	AKSHITHA V R	<u>Akshitha</u>	<u>Akshitha</u>
15.	4AI15CV007	ANUSHA K R	<u>Anusha k R</u>	<u>Anusha k R</u>
16.	4AI15CV051	NAGARAJA K	<u>Nagaraja</u>	<u>Nagaraja</u>
17.	4AI15CV052	NAMITHA M L	<u>Namitha</u>	<u>Namitha</u>
18.	4AI15CV053	NATRAJ R L	<u>Natraj</u>	<u>Natraj</u>
19.	4AI15CV054	NAVYASHREE S	<u>Navyashree</u>	<u>Navyashree</u>
20.	4AI15CV055	NISCHITHA RAJ	<u>Nischitha</u>	<u>Nischitha</u>
21.	4AI15CV056	NISCHITHA V S	<u>Nischitha v s</u>	<u>Nischitha v s</u>
22.	4AI15CV057	PARIKSHITH K H	<u>Parikh</u>	<u>Parikh</u>

	4AI15CV058	PAVAN C S	Pavan C S	Pavan C S
24.	4AI15CV059	PAVAN N P	Pavan NP	Pavan NP
25.	4AI15CV060	POOJA B T	Pooja BT	Pooja BT
26.	4AI15CV061	POOJA S KUMAR	Pooja S. kumar	Pooja S. kumar
27.	4AI15CV062	POOJITHA A O	Poojitha	Poojitha
28.	4AI15CV063	PRABHU C	Prabhu	Prabhu
29.	4AI15CV064	PRAJWAL RAVISH GOWDA	Prajwal Ravish	Prajwal Ravish
30.	4AI15CV065	PRAJWAL SURESH C S	Prajwal	Prajwal
31.	4AI16CV007	ASHISH C	Ashish	Ashish
32.	4AI16CV008	BHALAJI B L	BHALAJI	BHALAJI
33.	4AI16CV009	BALAKRISHNA N P	Balakrishna	Bala
34.	4AI16CV010	BHARATH C A	Bharath	Bharath
35.	4AI16CV011	BOOMIKA C L	Boomika	Boomika
36.	4AI16CV012	BOOMIKA H R	Boomika HR	Boomika HR
37.	4AI16CV013	BOOMIKA P L	Bhoomika PL	Bhoomika PL
38.	4AI16CV014	BHUMIKA L T	BHUMIL	BHIMY
39.	4AI16CV015	BHUVAN GOWDA A H	Bhub	Bah
40.	4AI16CV016	BINDHU K D	Bindhu. k.D	Bindhu.k.D
41.	4AI16CV017	CHANDAN P	chana	chandp
42.	4AI16CV018	CHANDAN V G	chandan	chande
43.	4AI16CV019	CHARAN J S	charan	charan
44.	4AI16CV020	CETHAN K	cheth	cheth
45.	4AI16CV021	CHIRAG M B	chir	chir
46.	4AI16CV022	DARSHAN G	Darshan	Darshan
47.	4AI16CV023	DARSHAN S M	Darsh	Darsh
48.	4AI16CV025	DEEPIKA S D	Deepika SD	Deepika SD
49.	4AI16CV027	DHANUSH M GOWDA	Dhan	Dhan
50.	4AI16CV028	DHANUSH S N	Dhan	Dhan
51.	4AI16CV029	FAIZAAN AHMED	FA	FA

	4AI16CV030	GAGANA H	Gagana	Gagana
53.	4AI16CV031	GANESH K V	Ganesh	Ganesh
54.	4AI16CV032	GOWTHAM D N	Gow	Gow
55.	4AI16CV033	HEMANTHA C R	Hem	Hem
56.	4AI16CV035	KARAN SINGH RAJPUROHIT	Kar	Kar
57.	4AI16CV036	KARTHIKA H T	Karthika	Karthika
58.	4AI16CV037	KARTHIKESWARA B O	Karthika	Karthika
59.	4AI16CV038	KAVYA D R	Kav	Kav
60.	4AI16CV039	KISHOR CHANDRA R		
61.	4AI16CV040	KRUPA A N	Krupa A.N	Krupa A.N
62.	4AI16CV041	LIKHITH ANAVERI A R	Likhith	Likhith
63.	4AI16CV042	MADHUSREE M K	Madhu	Madhu
64.	4AI16CV043	MALLIKARJUNA B V	Malli	Malli
65.	4AI16CV044	MANJUNATH	Manj	Manj
66.	4AI16CV045	MANJUNATHA A S	Manj	Manj
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70.	4AI17CV400	ANIL MENEZES	Anil	Anil
71.	4AI17CV401	BHIMAREDDY S	Bhime	Bhime
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73.	4AI17CV403	CHANDAN KUMAR H V	Chandan	Chandan
74.	4AI17CV405	DEEPA C B	Dee	Dee
75.	4AI17CV406	DILEEP C	Dileep	Dileep
76.	4AI17CV407	HAREESH	Haree	Haree
77.	4AI17CV408	KAVANA A N	Kava	Kava
78.	4AI17CV410	MADHU B C	Madhu B.C	Madhu B
79.	4AI17CV411	MANU R	Manu R	Manu R
80.	4AI17CV412	MEGHA C P	Megha	Megha
81.	4AI17CV413	MEGHANA H N	Megha	Megha

	4AI17CV415	NIKITHA N N	<i>N</i>	<i>N</i>
83.	4AI17CV416	POORNA CHANDRA D S	<i>Poorna</i>	<i>Pea</i>
84.	4AI17CV418	PRIYANKA S	<i>Priyanka</i>	<i>Priyanka</i>
85.	4AI17CV419	RAKSHITHA P S	<i>Rak</i>	<i>Rak</i>

Kanitha K.M

Signature of coordinator

Dr. G. R. Veerendra, M.E., Ph.D
Prof. and Head
Dept. of Electrical & Electronics Engg
A.I.T., Chikkamagaturu-577102
Karnataka - INDIA

Signature of H O D

|| Jai Sri Gurudev ||

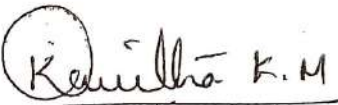
Sri Adichunchanagiri Shikshana Trust (R)

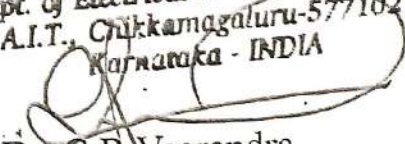
ADICHUNCHANAGIRI INSTITUTE OF TECHNOLOGY
CHIKKAMAGALURU-577 102

Department of Electrical & Electronics Engineering

Certificate of Participation

This is to certify that ANUSHA K.R. has successfully completed the add on course on "Energy Analysis and Green Buildings using Autodesk" from 8th to 13th January 2018, organized by Department of Electrical and Electronics Engineering.


Prof. Kavitha K M
Staff co-ordinator

Dr. G. R. Veerendra, M.E., Ph.D
Prof. and Head
Dept. of Electrical & Electronics Engg
A.I.T., Chikkamagaluru-577102
Karnataka - INDIA

Dr. G.R. Veerendra
H.O.D

|| Sri Sri Gurudev ||

Sri Adichunchanagiri Shikshana Trust (R)

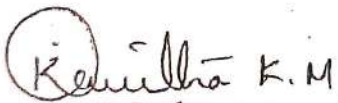
ADICHUNCHANAGIRI INSTITUTE OF TECHNOLOGY

CHIKKAMAGALURU-577 102

Department of Electrical & Electronics Engineering

Certificate of Participation

This is to certify that AGNI H.A has successfully completed the add on course on "Energy Analysis and Green Buildings using Autodesk" from 8th to 13^h January 2018, organized by Department of Electrical and Electronics Engineering.


Prof. Kavitha K M

Prof. Kavitha K M

Staff co-ordinator

Dr. G. R. Veerendra, M.E., Ph.D
Prof. and Head
Dept. of Electrical & Electronics Engg.
A.I.T., Chikkamagaluru-577102
Karnataka - INDIA


Dr. G.R. Veerendra
H.O.D

|| Sri Sri Gurudev ||

Sri Adichunchanagiri Shikshana Trust (R)

ADICHUNCHANAGIRI INSTITUTE OF TECHNOLOGY

CHIKKAMAGALURU-577 102

Department of Electrical & Electronics Engineering

Certificate of Participation

This is to certify that PAVAN C. S. has successfully completed the add on course on "Energy Analysis and Green Buildings using Autodesk" from 8th to 13^h January 2018, organized by Department of Electrical and Electronics Engineering.

Kavitha K.M

Prof. Kavitha K M

Staff co-ordinator

Dr. G. R. Veerendra, M.E., Ph.D
Prof. and Head
Dept. of Electrical & Electronics Engg.
A.I.T., Chikkamagaluru-577102
Karnataka - INDIA

Dr. G.R. Veerendra
H.O.D

AUTO-DESK
PARTICIPANTS FEEDBACK

DESCRIPTION	EXCELLENT	GOOD	POOR
How would you rate the presenter's knowledge on the concept?		✓	
How would you rate the concepts and Information provided by the Presenter?	✓		
What was your overall impression of the Course?	✓		

Remarks

Good

Date: 08-01-2018 to 13-01-2018

**ADICHUNCHANAGIRI INSTITUTE OF TECHNOLOGY,
CHIKKAMAGALURU-577102.**

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING
Add-On Course on Energy Analysis and Green Buildings using
AUTO-DESK

PARTICIPANTS FEEDBACK

Sl.No	DESCRIPTION	EXCELLENT	GOOD	POOR
1	How would you rate the presenter's knowledge on the concept?	✓		
2	How would you rate the concepts and Information provided by the Presenter?		✓	
3	What was your overall impression of the Course?	✓		
4	Remarks	Very nice		

Sol

Signature of the Participants

Date: 08-01-2018 to 13-01-2018

**ADICHUNCHANAGIRI INSTITUTE OF TECHNOLOGY,
CHIKKAMAGALURU-577102.**

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING
Add-On Course on Energy Analysis and Green Buildings using
AUTO-DESK

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Sl.No	DESCRIPTION	EXCELLENT	GOOD	POOR
1	How would you rate the presenter's knowledge on the concept?	✓		
2	How would you rate the concepts and Information provided by the Presenter?		✓	
3	What was your overall impression of the Course?	✓		
4	Remarks	Very Good		

Nalap
Signature of the Participants


Date: 08-01-2018 to 13-01-2018

**ADICHUNCHANAGIRI INSTITUTE OF TECHNOLOGY,
CHIKKAMAGALURU-577102.**

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING
Add-On Course on Energy Analysis and Green Buildings using
AUTO-DESK

PARTICIPANTS FEEDBACK

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1	How would you rate the presenter's knowledge on the concept?	✓		
2	How would you rate the concepts and Information provided by the Presenter?	✓		
3	What was your overall impression of the Course?	✓		
4	Remarks	Very Good		


Signature of the Particip

Date: 08-01-2018 to 13-01-2018

ADICHUNCHANAGIRI INSTITUTE OF TECHNOLOGY,

CHIKKAMAGALURU-577102.

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

Add-On Course on Energy Analysis and Green Buildings using
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1	How would you rate the presenter's knowledge on the concept?		✓	
2	How would you rate the concepts and Information provided by the Presenter?		✓	
3	What was your overall impression of the Course?		✓	
4	Remarks	Nice		

Abh

Signature of the Participants

Date: 08-01-2018 to 13-01-2018

**ADICHUNCHANAGIRI INSTITUTE OF TECHNOLOGY,
CHIKKAMAGALURU-577102.**

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING
Add-On Course on Energy Analysis and Green Buildings using
AUTO-DESK

PARTICIPANTS FEEDBACK

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1	How would you rate the presenter's knowledge on the concept?	✓		
2	How would you rate the concepts and Information provided by the Presenter?	✓		
3	What was your overall impression of the Course?	✓		
4	Remarks	Nice		



Signature of the Participants

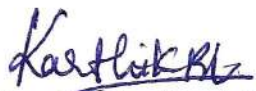
Date: 08-01-2018 to 13-01-2018

**ADICHUNCHANAGIRI INSTITUTE OF TECHNOLOGY,
CHIKKAMAGALURU-577102.**

**DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING
Add-On Course on Energy Analysis and Green Buildings using
AUTO-DESK**

PARTICIPANTS FEEDBACK

Sl.No	DESCRIPTION	EXCELLENT	GOOD	POOR
1	How would you rate the presenter's knowledge on the concept?		✓	
2	How would you rate the concepts and Information provided by the Presenter?		✓	
3	What was your overall impression of the Course?		✓	
4	Remarks	Very nice		


Signature of the Participants

Date: 08-01-2018 to 13-01-2018

**ADICHUNCHANAGIRI INSTITUTE OF TECHNOLOGY,
CHIKKAMAGALURU-577102.**

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING
Add-On Course on Energy Analysis and Green Buildings using
AUTO-DESK

PARTICIPANTS FEEDBACK

Sl.No	DESCRIPTION	EXCELLENT	GOOD	POOR
1	How would you rate the presenter's knowledge on the concept?	✓		
2	How would you rate the concepts and Information provided by the Presenter?	✓		
3	What was your overall impression of the Course?	✓		
4	Remarks	Nice		

Faraz

Signature of the Participants

Date: 08-01-2018 to 13-01-2018

**ADICHUNCHANAGIRI INSTITUTE OF TECHNOLOGY,
CHIKKAMAGALURU-577102.**

**DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING
Add-On Course on Energy Analysis and Green Buildings using
AUTO-DESK**

PARTICIPANTS FEEDBACK

Sl.No	DESCRIPTION	EXCELLENT	GOOD	POOR
1	How would you rate the presenter's knowledge on the concept?		✓	
2	How would you rate the concepts and Information provided by the Presenter?	✓		
3	What was your overall impression of the Course?	✓		
4	Remarks	Good		

Soumya
Signature of the Participants

Assessment questions

1. Energy is released from fossil fuels when they are
 - a) Pumped
 - b) Cooled
 - c) Burned
 - d) Pressurised

2. Oil release sulphur dioxide gas when they burn
 - a) True
 - b) False

3. The most Nuclear fuel used in the world is
 - a) Thorium-232
 - b) Uranium-238
 - c) Uranium-235
 - d) plutonium-239

4. The blades in wind turbines are connected to
 - a) Nacelle
 - b) Tower
 - c) Foundations
 - d) String

5. In the production of wave energy which form of energy is used?
 - a) Potential energy
 - b) Kinetic energy
 - c) Solar energy
 - d) Wind energy

6. Sustainable building means that

- a) Green Building
- b) Environmental Building
- c) Both a) & b)
- d) None of the above

7. Which of the following is not the purpose of a Green Building?

- a) To reduce use of water
- b) To minimize damage of the environment
- c) Re use of waste materials
- d) None of the above

8. Where is India's first green building located

- a) ITC Green centre, Gurgaon
- b) Suzlon earth, Pune
- c) Wipro Technologies, Gurgaon
- d) CII-Sojrabji Green Business Centre Hyderabad



Rank

(KAVITHA K.M.)

Coordinator

Assessment questions

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7/8

Book

(KAVITHA K.M.)

Coordinator

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- d) CII-Sojrabji Green Business Centre Hyderabad

7/8

Kavitha

(KAVITHA K.M)
Coordinator

**ADICHUNCHANAGIRI INSTITUTE OF
TECHNOLOGY**

**Department of Electrical
& Electronics Engineering**



**Add on
course on
"PCB Design"**

From 15-01-2018 to 20-01-2018



|| Jai Sri Gurudev ||



**SRI ADICHUNCHANAGIRI SHIKSHANA TRUST @
ADICHUNCHANAGIRI INSTITUTE OF TECHNOLOGY,
CHIKKAMAGALURU**

P.B No.91, Adichunchanagiri Extension, Chikkamagaluru-577 102, Karnataka, India.

Ref: AIT/IQAC/E&E/ /2017-18

Date: 05/01/2018

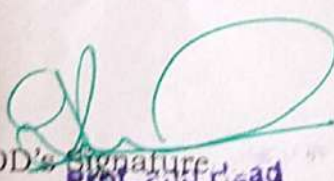
Circular

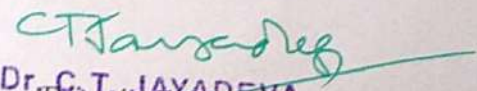
Department of Electrical and Electronics Engineering are conducting a Certificate Program (Add-on Program) on "PCB Design" from **15/01/2018** to **20/01/2018**. All other HOD's instruct the concern department students to attend the program. Following faculty members (Course instructor) are conducting a certificate program at E&E Department.

Course Instructors:

Mr. JOYSUN D' SOUZA
Assistant Professor
Dept. of E & E Engineering
AIT Chikkmagaluru.

Mr. VINAYA KUMARA M B
Assistant Professor
Dept. of E&E Engineering
AIT Chikkmagaluru.


HOD's Signature
Prof. and Head
Dept. of Electrical & Electronics Engg.
A.I.T., Chikmagalur-577102


Dr. C. T. JAYADEVA
Principal Signature
Principal
B.E., M.Tech., Ph.D
Adichunchanagiri Institute of Technology
CHIKKAMAGALURU-577102

Add on Course for IV Semester
B.E Electronics & Communication Engineering

Syllabus for Add on course on "PCB Design"

Duration: 36 Hours

- Electronic Fundamentals
- Fundamentals of Circuit Design
- Power Supply Design
- Classification of PCB
- Semiconductor Packages
- Introduction to High-Speed PCB Design
- Multilayer PCB Design


Prof. and Head
Dept. of Electrical & Electronics Engg.
A.I.T., Chikmagalur-577102

ADICHUNCHANAGIRI INSTITUTE OF TECHNOLOGY

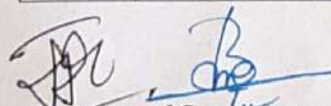
CHIKKAMAGALURU-577102.

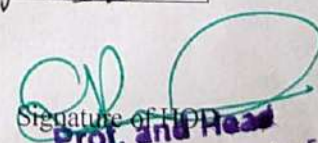
DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

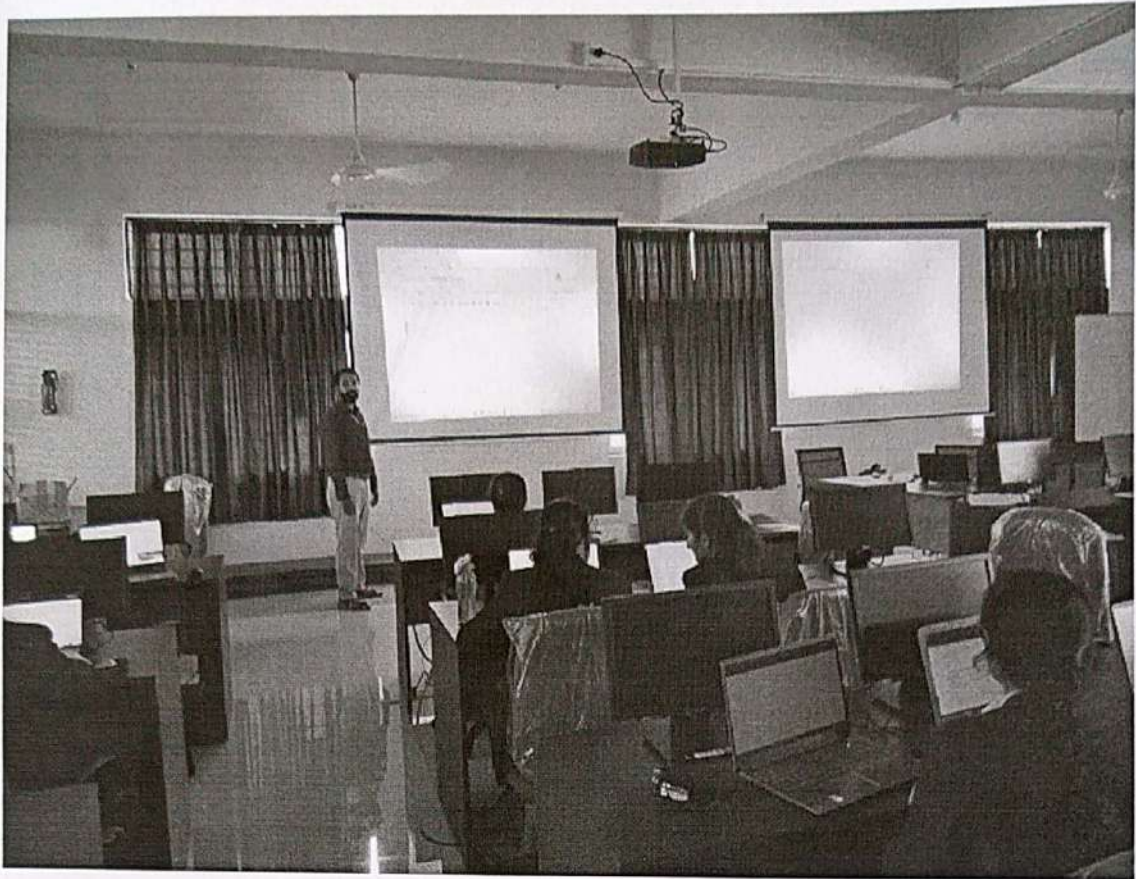
The following students are registered for the Add-On Course on "PCB Design" from Electronics & Communication Engineering

Sl. NO	USN	Participant Name	Signature
1.	4AI16EC001	ABHISHEK K L	Abhishek K.L
2.	4AI16EC002	ACHYUT SHAMBHU BHAT	Achyut Shambhu
3.	4AI16EC003	AFIFA TAJ M N	Ajifa Taj m.n
4.	4AI16EC004	AISHWARYA S J	Aishwarya S.J
5.	4AI16EC005	AKSHATHA B S	Akshatha B.S
6.	4AI16EC016	BHOOMIKA A S	Bhoomika A.S
7.	4AI16EC017	BHOOMIKA J	Bhoomika J
8.	4AI16EC018	BHOOMIKA N S	Bhoomika N.S
9.	4AI16EC019	BHOOMIKA S P	Bhoomika S.P
10.	4AI16EC020	BHUVAN H G	Bhuvan H.G
11.	4AI16EC021	BINDU R	Bindu R.
12.	4AI16EC022	BIRJEES AAMIRA	Birjees Aamira
13.	4AI16EC023	CHAITHANYA KUMAR C B	Chithanya K.B
14.	4AI16EC024	CHANDANA C R	Chandana C.R
15.	4AI16EC025	CHARANRAJ	Charanraj
16.	4AI16EC026	CHEZHAN H	Chethan H
17.	4AI16EC027	DAVIK K	Davik K
18.	4AI16EC028	DANIYA SHAWAR C Y	Daniya Shawar C.Y
19.	4AI16EC029	DEEPIKA R V	Deepika R.V
20.	4AI16EC030	DHANUSHREE B L	Dhanushree B.L
21.	4AI16EC045	JAMUNA N H	Jamuna N.H
22.	4AI16EC046	JAYASHREE URS C N	Jayashree Urs C.N
23.	4AI16EC047	KALAKSHI SHIVANAND SHIRASANGI	Kalakshi Shirasangi
24.	4AI16EC048	KARTHIK N M	Karthik N.M
25.	4AI16EC049	KAVANA B S	Kavana B.S
26.	4AI16EC050	KAVYA B S	Kavya B.S
27.	4AI16EC051	KAVYA N M	Kavya N.M
28.	4AI16EC052	KIRAN KUMAR B G	Kiran Kumar B.G
29.	4AI16EC053	LATHA K L	Latha K.L
30.	4AI16EC054	MADHURA M D	Madhura M.D
31.	4AI16EC055	MADHUSHREE H C	Madhushree H.C
32.	4AI16EC056	MAHESH SHIVANAND KHED	Mahesh Shivanand Khed
33.	4AI16EC057	MANDIRA V PRIYADARSHINI	Mandira V Priyadarshini
34.	4AI16EC058	MANOJ G	Manoj G
35.	4AI16EC059	MEGHA S	Megha S

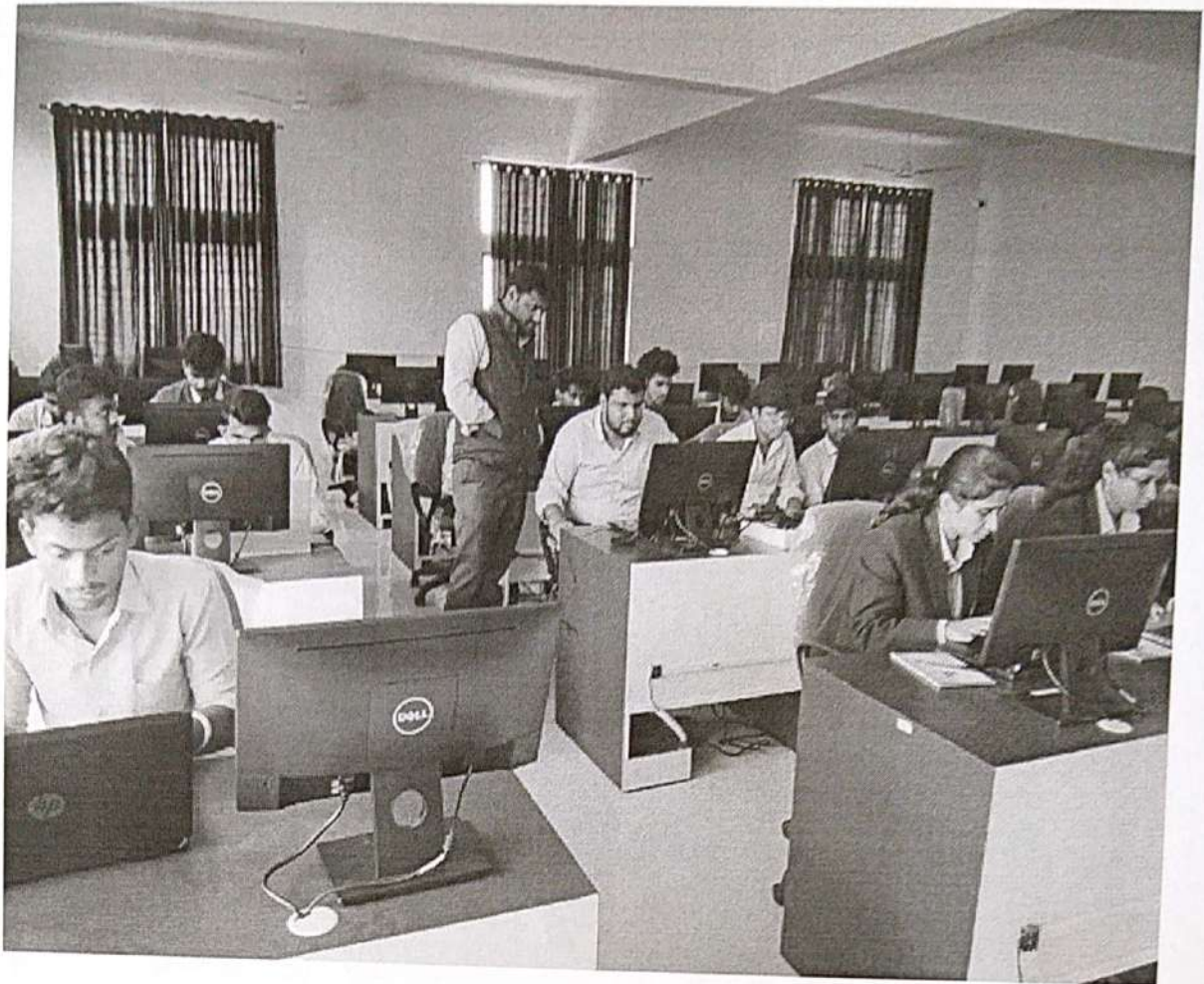
36.	4AI16EC060	MEGHARAJ M	Megharaj M
37.	4AI16EC061	MUJTABA FAYEZ	MJS
38.	4AI16EC062	MUNAZZA MATEEN	Munazza Mateen
39.	4AI16EC063	NAGARJUN B P	Nagarjun B.P.
40.	4AI16EC064	NAMRATHA B G	Namratha B.G.
41.	4AI16EC065	NAVYA P K	Navya P.K.
42.	4AI16EC066	NAYANA S B	Nayana S.B.
43.	4AI16EC067	NISARGA G S	Nisarga
44.	4AI16EC068	NISHANTH N	Nishe
45.	4AI16EC069	NISHUL CHRISTEN DSOUZA	N. Nishul
46.	4AI16EC070	NEHA PRIYADARSHINI P	N. Priya
47.	4AI16EC071	PALLAVI H G	Pallavi H.G.
48.	4AI16EC072	PARIKSHITH GOWDA C D	(Pari)
49.	4AI16EC073	POOJA B M	Pooja B.M.
50.	4AI16EC074	POOJA D	Pooja D.
51.	4AI16EC075	POOJA D M	Pooja D.M.
52.	4AI16EC076	PRIYANKA N	
53.	4AI16EC077	PRUTHVI D	P.D.
54.	4AI16EC078	PUNITHKUMAR S O	Punith K.
55.	4AI16EC079	RACHANA K	Rachana K.
56.	4AI16EC080	RACHANA R	Rachana R.
57.	4AI16EC081	RAJATH M BANGRE	Rajath M.
58.	4AI16EC082	RASHMIKA H S	Rashmi H.S.
59.	4AI16EC083	REETHU B R	Reethu B.R.
60.	4AI16EC084	RIYANA AKSHATHA CARLO	Riyana A.K.
61.	4AI16EC085	ROHAN GANESH	Rohan G.
62.	4AI16EC086	ROHITH S M	Rohith S.M.
63.	4AI16EC087	ROOPESH K E	Roopesh K.E.
64.	4AI16EC088	SACHIN K	Sachin K.
65.	4AI16EC089	SAGAR N	Sagar N.
66.	4AI16EC090	SAHANA B V	Sahana B.V.
67.	4AI16EC091	SAKSHI SAMRAT A A	Sakshi S.A.
68.	4AI16EC092	SANDEEP URS K P	Sandeep U.K.P.
69.	4AI16EC093	SANNIDHI K M	Sannidhi K.M.
70.	4AI16EC094	SANTHOSHA K L	S.L. Santosh
71.	4AI16EC095	SHARATH BABU J P	Sharath B.J.P.
72.	4AI16EC096	SHARAVAN KUMAR R	Sharavan K.R.
73.	4AI16EC097	SHASHANK N S	Shashank N.S.
74.	4AI16EC098	SHILPA N	Shilpa N.
75.	4AI16EC099	SHOBHITHA	Shobhitha
76.	4AI16EC100	SHRAVYA A P	Shravya A.P.
77.	4AI16EC101	SHWETHA	Shwetha
78.	4AI16EC102	SINORA TERESA PEREIRA	Sinora T.P.
79.	4AI16EC103	SOUNDARYA B R	Soundarya B.R.
80.	4AI16EC104	SREE GOWRI H K	Shree Gowri H.K.


Signature of Coordinators


Signature of HOD
Prof. and Head
Dept. of Electrical & Electronics Engg.
A.I.T., Chikmagalur-577402



Session Delivered by Joysun D'souza



ADICHUNCHANAGIRI INSTITUTE OF TECHNOLOGY
CHIKKAMAGALURU-577102
DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGINEERING

ADD-ON Course – PCB Design for students of E&C Engineering

Attendance Report

Note: Session 1:10-12.30PM Session 2: 2.30-5PM

S.NO	USN	Student Name	15/01/2018		16/01/2018		17/01/2018		18/01/2018		19/01/2018		20/01/2018		Signature
			Session-1	Session-2	Session-1	Session-2	Session-1	Session-2	Session-1	Session-2	Session-1	Session-2	Session-1	Session-2	
1.	4AI16EC001	ABHISHEK K L	P	P	P	P	P	P	P	P	P	P	P	P	Abhishek
2.	4AI16EC002	ACHYUT SHAMBHU BHAT	P	P	P	P	P	P	P	P	P	P	P	P	Achyut shambhu
3.	4AI16EC003	AFIFA TAJ M N	P	P	P	P	P	P	P	P	P	P	P	P	Affatogay
4.	4AI16EC004	AISHWARYA S J	P	P	P	P	P	P	P	P	P	P	P	P	Aishwarya S.J
5.	4AI16EC005	AKSHATHA B S	P	P	P	P	P	P	P	P	P	P	P	P	Akshatha
6.	4AI16EC016	BHOOMIKA A S	P	P	P	P	P	P	P	P	P	P	P	P	Bhoomika A.S
7.	4AI16EC017	BHOOMIKA J	P	P	P	P	P	P	P	P	P	P	P	P	Bhoomika J
8.	4AI16EC018	BHOOMIKA N S	P	P	P	P	P	P	P	P	P	P	P	P	Bhoomika N.S

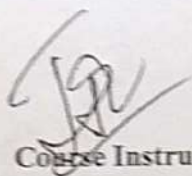

9.	4AI16EC019	BHOOMIKA S P	P	P	P	P	P	P	P	P	P	P	P	P	P	Bhoomika
10.	4AI16EC020	BHUVAN H G	P	P	P	P	P	P	P	P	P	P	P	P	P	Bhuvan H.G
11.	4AI16EC021	BINDU R	P	P	P	P	P	P	P	P	P	P	P	P	P	Bindu R
12.	4AI16EC022	BIRJEES AAMIRA	P	P	P	P	P	P	P	P	P	P	P	P	P	Birjees Aamira
13.	4AI16EC023	CHAITHANYA KUMAR C B	P	P	P	P	P	P	P	P	P	P	P	P	P	Chithanya Kumar C.B.
14.	4AI16EC024	CHANDANA C R	P	P	P	P	P	P	P	P	P	P	P	P	P	Chandana C.R.
15.	4AI16EC025	CHARANRAJ	P	P	P	P	P	P	P	P	P	P	P	P	P	Charanraj
16.	4AI16EC026	CHETHAN H	P	P	P	P	P	P	P	P	P	P	P	P	P	Chethan
17.	4AI16EC027	DAVIK K	P	P	P	P	P	P	P	P	P	P	P	P	P	Davika
18.	4AI16EC028	DANIYA SHAWAR C Y	P	P	P	P	P	P	P	P	P	P	P	P	P	Daniya Shawar C.Y.
19.	4AI16EC029	DEEPIKA R V	P	P	P	P	P	P	P	P	P	P	P	P	P	Deepika R.V.
20.	4AI16EC030	DHANUSHREE B L	P	P	P	P	P	P	P	P	P	P	P	P	P	Dhanushree B.L.
21.	4AI16EC045	JAMUNA N H	P	P	P	P	P	P	P	P	P	P	P	P	P	Jamuna N.H.

22.	4AI16EC046	JAYASHREE URS C N	P	P	P	P	P	P	P	P	P	P	P	P	Jayashree
23.	4AI16EC047	KALAKSHI SHIVANAND SHIRASANGI	P	P	P	P	P	P	P	P	P	P	P	P	Kalakshi
24.	4AI16EC048	KARTHIK N M	P	P	P	P	P	P	P	P	P	P	P	P	Karthik
25.	4AI16EC049	KAVANA B S	P	P	P	P	P	P	P	P	P	P	P	P	Kavan B.S.
26.	4AI16EC050	KAVYA B S	P	P	P	P	P	P	P	P	P	P	P	P	Kavya B.S.
27.	4AI16EC051	KAVYA N M	P	P	P	P	P	P	P	P	P	P	P	P	Kavya
28.	4AI16EC052	KIRAN KUMAR B G	P	P	P	P	P	P	P	P	P	P	P	P	K.K.B.G.
29.	4AI16EC053	LATHA K L	P	P	P	P	P	P	P	P	P	P	P	P	Latha
30.	4AI16EC054	MADHURA M D	P	P	P	P	P	P	P	P	P	P	P	P	Madhura
31.	4AI16E C055	MADHUSH REE H C	P	P	P	P	P	P	P	P	P	P	P	P	Madhushree
32.	4AI16E C056	MAHESH SHIVANAN D KHED	P	P	P	P	P	P	P	P	P	P	P	P	Mahesh
33.	4AI16E C057	MANDIRA V PRIYADAR SHINI	P	P	P	P	P	P	P	P	P	P	P	P	Priyadarshini
34.	4AI16E C058	MANOJ G	P	P	P	P	P	P	P	P	P	P	P	P	Manoj
35.	4AI16E C059	MEGHA S	P	P	P	P	P	P	P	P	P	P	P	P	Megha

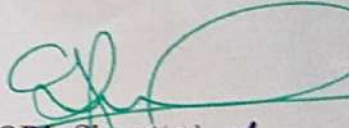
36.	4A116E C060	MEGHARA J M	P	P	P	P	P	P	P	P	P	P	P	P	P	Meghara JM
37.	4A116E C061	MUJTABA FAYEZ	P	P	P	P	P	P	P	P	P	P	P	P	P	Mujtaba Fayez
38.	4A116E C062	MUNAZZA MATEEN	P	P	P	P	P	P	P	P	P	P	P	P	P	Munazza Mateen
39.	4A116E C063	NAGARJU N B P	P	P	P	P	P	P	P	P	P	P	P	P	P	Nagarju NBP
40.	4A116E C064	NAMRATH A B G	P	P	P	P	P	P	P	P	P	P	P	P	P	Namrath ABG
41.	4A116E C065	NAVYA P K	P	P	P	P	P	P	P	P	P	P	P	P	P	Navya P K
42.	4A116E C066	NAYANA S B	P	P	P	P	P	P	P	P	P	P	P	P	P	Nayana S B
43.	4A116E C067	NISARGA G S	P	P	P	P	P	P	P	P	P	P	P	P	P	Nisarga GS
44.	4A116E C068	NISHANTH N	P	P	P	P	P	P	P	P	P	P	P	P	P	Nishanth N
45.	4A116E C069	NISHUL CHRISTEN DSOUZA	P	P	P	P	P	P	P	P	P	P	P	P	P	Nishul Christen D Souza
46.	4A116E C070	NEHA PRIYADAR SHINI P	P	P	P	P	P	P	P	P	P	P	P	P	P	Neha Priyadar Shini P
47.	4A116E C071	PALLAVI H G	P	P	P	P	P	P	P	P	P	P	P	P	P	Pallavi H G
48.	4A116E C072	PAIKSHIT H GOWDA C D	P	P	P	P	P	P	P	P	P	P	P	P	P	Paikshit H Gowda CD
49.	4A116E C073	POOJA B M	P	P	P	P	P	P	P	P	P	P	P	P	P	Pooja B M
50.	4A116E C074	POOJA D	P	P	P	P	P	P	P	P	P	P	P	P	P	Pooja D
51.	4A116E C075	POOJA D M	P	P	P	P	P	P	P	P	P	P	P	P	P	Pooja D M
52.	4A116E C076	PRIYANKA N	P	P	P	P	P	P	P	P	P	P	P	P	P	Priyanka N
53.	4A116E C077	PRUTHVI D	P	P	P	P	P	P	P	P	P	P	P	P	P	Pruthvi D
54.	4A116E C078	PUNITHKU MAR S O	P	P	P	P	P	P	P	P	P	P	P	P	P	Punithku Mar S O
55.	4A116E C079	RACHANA K	P	P	P	P	P	P	P	P	P	P	P	P	P	Rachana K
56.	4A116E C080	RACHANA R	P	P	P	P	P	P	P	P	P	P	P	P	P	Rachana R

57.	4AI16E C081	RAJATH M BANGRE	P	P	P	P	P	P	P	P	P	P	P	P	Rajath
58.	4AI16E C082	RASHMIKA H S	P	P	P	P	P	P	P	P	P	P	P	P	Rashmika
59.	4AI16E C083	REETHU B R	P	P	P	P	P	P	P	P	P	P	P	P	Rto
60.	4AI16E C084	RIYANA AKSHATH A CARLO	P	P	P	P	P	P	P	P	P	P	P	P	Riyana
61.	4AI16E C085	ROHAN GANESH	P	P	P	P	P	P	P	P	P	P	P	P	R. Ganesh
62.	4AI16E C086	ROHITH S M	P	P	P	P	P	P	P	P	P	P	P	P	Rohith
63.	4AI16E C087	ROOPESH K E	P	P	P	P	P	P	P	P	P	P	P	P	R. K. E.
64.	4AI16E C088	SACHIN K	P	P	P	P	P	P	P	P	P	P	P	P	Sachin K.
65.	4AI16E C089	SAGAR N	P	P	P	P	P	P	P	P	P	P	P	P	Sagar N
66.	4AI16E C090	SAHANA B V	P	P	P	P	P	P	P	P	P	P	P	P	Sahana B. V
67.	4AI16E C091	SAKSHI SAMRAT A A	P	P	P	P	P	P	P	P	P	P	P	P	Sa
68.	4AI16E C092	SANDEEP URS K P	P	P	P	P	P	P	P	P	P	P	P	P	Sandeep
69.	4AI16E C093	SANNIDHI K M	P	P	P	P	P	P	P	P	P	P	P	P	Sannidhi k.m
70.	4AI16E C094	SANTHOS HA K L	P	P	P	P	P	P	P	P	P	P	P	P	K. L. Santthos
71.	4AI16E C095	SHARATH BABU J P	P	P	P	P	P	P	P	P	P	P	P	P	Babu
72.	4AI16E C096	SHARAVA N KUMAR R	P	P	P	P	P	P	P	P	P	P	P	P	Sh
73.	4AI16E C097	SHASHAN K N S	P	P	P	P	P	P	P	P	P	P	P	P	Shashank n.s
74.	4AI16E C098	SHILPA N	P	P	P	P	P	P	P	P	P	P	P	P	Shilpa
75.	4AI16E C099	SHOBHITH A	P	P	P	P	P	P	P	P	P	P	P	P	Shobhitha
76.	4AI16E C100	SHRAVYA A P	P	P	P	P	P	P	P	P	P	P	P	P	AP
77.	4AI16E C101	SHWETHA	P	P	P	P	P	P	P	P	P	P	P	P	Shwetha

78.	4AI16E C102	SINORA TERESA PEREIRA	P	P	P	P	P	P	P	P	P	P	P	P	Stp
79.	4AI16E C103	SOUNDAR YA B R	P	P	P	P	P	P	P	P	P	P	P	P	Saad
80.	4AI16E C104	SREE GOWRI H K	P	P	P	P	P	P	P	P	P	P	P	P	shree. gowri H.K

Course Instructor's Signature



HOD's Signature
 Dept. of Electrical & Electronics Engg.
 A.I.T., Chikmagalur-577102

ADICHUNCHANAGIRI INSTITUTE OF TECHNOLOGY
CHIKKAMAGALURU-577102.

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING
Add-On Course on "**PCB Design**" for Electronics & Communication
Engineering
OVER ALL Add-On Course PARTICIPANTS FEEDBACK

Sl.No	DESCRIPTION	EXCELLENT	GOOD	POOR
1	How would you rate the presenter's knowledge on the concept?	✓		
2	How would you rate the concepts and Information provided by the Presenter?		✓	
3	What was your overall impression of the session?	✓		
4	Remarks			

Sohana .D
Signature of the Participant

ADICHUNCHANAGIRI INSTITUTE OF TECHNOLOGY

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1	How would you rate the presenter's knowledge on the concept?	✓		
2	How would you rate the concepts and Information provided by the Presenter?	✓		
3	What was your overall impression of the session?	✓		
4	Remarks			

Ajitha Jayamma
Signature of the Participant



Certificate of Participation

This is to certify that AFIFA TAJ. M.N. has successfully completed the add on course on "PCB Design" from 15th to 20th January 2018, organized by Department of Electrical and Electronics Engineering.

Prof. Joysun D' Souza
Staff co-ordinator

Prof. Vinaya Kumara M B
Staff co-ordinator

Dr. G.R. Veerandra
H.O.D