



List of Value-Added Courses (VAC) conducted during the AY 2020-2021

S.No.	Name of the value-added courses	Year of offering	No. of times offered during the same year	Duration of course	No. of students enrolled in the year	No. of Students completing the course in the year
1	A one-week value added course on "JAVA"	2021	1	23-08-2021 to 30-08-2021	211	211
2	A one-week value added course on "Data Base Management Systems"	2021	1	14-08-2021 to 21-08-2021	211	211
3	A two-week value-added course on "Product Design and Drafting by CATIA"	2021	1	17-05-2021 to 29-05-2021	195	195
4	A two-week value-added course on "FPGA based system design using VHDL"	2021	1	19-04-2021 to 30-04-2021	209	209
5	A two-week value-added course on "IoT Basics and Raspberry pi based system design"	2021	1	19-04-2021 to 30-04-2021	196	196
6	A one-week value added course on "Application of Excel to solve engineering problems"	2021	1	19-04-2021 to 24-04-2021	57	57
7	A one-week value added course on "PSpice of Electrical Circuits"	2021	1	05-04-2021 to 09-04-2021	178	178
8	A one-week value added course on "MATLAB essential tools for research applications"	2021	1	09-03-2021 to 13-03-2021	179	179
9	A one-week value added course on "Revit Architecture"	2021	1	08-03-2021 to 12-03-2021	51	51

S.No.	Name of the value-added courses	Year of offering	No. of times offered during the same year	Duration of course	No. of students enrolled in the year	No. of Students completing the course in the year
10	A one-week value added course on "Design of Electrical Machines"	2021	1	07-03-2021 to 12-03-2021	178	178
11	A one-week value added course on "MATLAB tools"	2021	1	01-03-2021 to 06-03-2021	56	56
12	A two-week value-added course on "Building Information Modeling (BIM)"	2021	1	8-02-2021 to 20-02-2021	60	60
13	A five-week value added course on "Fundamentals of Programming Languages - A Hands on Training sessions"	2021	1	18-01-2021 to 20-02-2021	257	256
14	A two-week value-added course on "Microcontroller programming using Keil"	2020	1	19-10-2020 to 31-10-2020	199	199
15	A two-week value-added course on "Basics of Analog IC Design"	2020	1	19-10-2020 to 31-10-2020	194	194
16	A two-week value-added course on "Design of pre-engineered buildings"	2020	1	16-10-2020 to 30-10-2020	156	156
17	A seven-week value added course on "Fundamentals of Programming Languages"	2020, 2021	2	05-10-2020 to 20-11-2020 & 26-04-2021 to 11-06-2021	538	538
18	A two-value added course on "Advanced surface Design by CATIA"	2020, 2021	2	13-07-2020 to 25-07-2020 & 31-05-2021 to 12-06-2021	266	266
19	A two-week value-added course on "Software Industry-Tools and Methodologies"	2020, 2021	1	30-06-2020 to 10-07-2020	171	171

S.No.	Name of the value-added courses	Year of offering	No. of times offered during the same year	Duration of course	No. of students enrolled in the year	No. of Students completing the course in the year
20	A two-week value-added course on "CATIA"	2020	1	15-06-2020 to 27-06-2020	74	74
21	A three-week value-added course on "Coding classes on Data Structures and Algorithms"	2020	1	30-06-2020 to 10-07-2020	171	171
22	A four-week value added course on "Full Stack Development using - JS"	2020	1	15-06-2020 to 27-06-2020	74	74
23	A four-week value added course on "Cloud Computing"	2020	1	21-05-2020 to 19-06-2020	113	113
Total number of students completed VAC during the AY 2020-21						3968

R. Seikanth.
 Convener, IQAC
 Anil Neerukonda Institute of
 Technology & Sciences
 Sangivalasa-531 162
 Visakhapatnam Dist.

QW
 Principal
 Anil Neerukonda Institute
 Technology & Sciences
 Sangivalasa-531 162
 Visakhapatnam Dist.

VALUE ADDED COURSES
2020-2021



Anil Neerukonda Institute of Technology & Sciences (Autonomous)

(Permanent Affiliation by Andhra University & Approved by AICTE
Accredited by NBA (ECE, EEE, CSE, IT, Mech. Civil & Chemical) & NAAC)

Sangivalasa-531 162, Bheemunipatnam Mandal, Visakhapatnam District

Phone: 08933-225083/84/87

Fax: 226395

Website: www.anits.edu.in

email: principal@anits.edu.in

Date: 19-08--2021

CIRCULAR

Sub: value added course –JAVA

This is to inform all the B.Tech IT III/IV students to register for value added course on ^{JAVA} ~~OBMS~~. The course we held from 23-08-2021 TO 30-08-2021.

- Mode of teaching: online
- Timings: Morning Session : 9:30 AM to 12:00 PM
Afternoon Session: 12:50 PM to 2.30 PM

- Faculty coordinator: K Swathi Lakshmi Durga


Faculty Signature:


HOD

Prof. P. PADMAJA
Head of the Department
Department of IT
ANITS



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Sangivalasa-531 162, Bheemunipatnam Mandal, Visakhapatnam District
Phone: 08933-225083/84/87 Fax: 226395
Website: www.anits.edu.in email: principal@anits.edu.in

JAVA-Schedule

- Day 1: Introduction to Oop's Concepts
- Day 2 : Classes And Interfaces, Inheriatnce
- Day 3:. Access Specifiers and Getter Setter Methods
- Day 4: Multi-Threading, Synhronization
- Day 5: , Generics
- Day 6: Collection
- Day 7: JUNIT .

Course Objectives:

- To acquire the knowledge on fundamental concepts of JAVA
- To enable the students to know Object Oriented Methods to support real-time applications.

SLNO	DATE	TOPICS
1	23-08-2021	Introduction To Oop's Concepts
2	24-08-2021	Classes And Interfaces, Inheriatnce
3	25-08-2021	Access Specifiers And Getter Setter Methods
4	26-08-2021	Multi-Threading, Synhronization
5	27-08-2021	Generics
6	28-08-2021	Collection
7	30-08-2021	JUNIT

Anil Nerukonda Institute of Technology & Science(A)		
Department of Information Technology		
JAVA Programming-Value Added Course		
III/IV B.TECH SEM-1		
S. No	Roll.No	Student Name
1	319126511001	ADHYA AYUSHMAN
2	319126511002	AKKINAPALLI VENKATA NAGA SATYA SWAROOP
3	319126511003	B S KIRAN MANOJ
4	319126511004	BALLA JHANSI
5	319126511005	BANDLAMUDI PRASANTHI
6	319126511006	BATTANA HARISH KUMAR
7	319126511007	BEHARA JAYA KUMAR
8	319126511008	BELAMANA KRISHNA CHAITANYA
9	319126511009	BODA SURYA VAMSI
10	319126511010	BURADA YOGESHWARA RAO
11	319126511011	CHEEKATLA TEJA SATYA VENKATA DWARAKA SAI
12	319126511012	CHITLURI SAI BHARATH
13	319126511013	DACHEPALLI SUNANDA KRISHNA
14	319126511014	FAZLEEN ANEESA
15	319126511015	GADIPUDI SWATHI
16	319126511016	GANTI VENKATA SANTOSH ABHINAI
17	319126511017	GUNTURU SAKETH
18	319126511018	KAKARA PRIYANKA
19	319126511019	KANDRU SRI RAM CHOWDARY
20	319126511020	KANNEPALLI SRIKAR RAHUL
21	319126511021	KARUTURI VAMSI SAI
22	319126511022	KATURI VINAY CHOWDARY
23	319126511023	KESARI VYSHNAVI
24	319126511024	KHUSHI PODDAR
25	319126511025	KILAPARTHI VISHNU TEJA
26	319126511026	KILARI SREYA
27	319126511027	KOLLI KUSHWANTH SAI
28	319126511028	KOMARA HARSHA VARDHAN
29	319126511029	KONATHALA GUNVANTH
30	319126511030	KONDAPALLI ANIL KUMAR
31	319126511031	KOVVALI NAGA SAI KRISHNA
32	319126511032	MANGENA SUBBA RAO
33	319126511033	MANNE JYOSTNA
34	319126511034	MAVURI SAI BHARGAVI
35	319126511035	MEENAVALLI PAVAN VENKAT MANI SAIRAM KUMAR
	319126511036	MONANGI SOWMYA
37	319126511037	MUDUNURU SAI VARDHAN
38	319126511038	NALLAJERLA GOPALA NARASIMHA ANIL
39	319126511039	NALLI SHEKINA
40	319126511040	NALLURI SHANMUKHA SAI SREE TEJA

41	319126511041	NEELAPU SANTHU REDDY
42	319126511042	PANDRUVADA SRIRAMA TEJASWI
43	319126511043	PENUMAJJI MANIKANTA
44	319126511044	PAREPALLI RAJESH
45	319126511045	PINISETTI HARI KRISHNA
46	319126511046	POTNURU SAI VIVEK
47	319126511047	RAJABHAKTULA TARUN VISHAL
48	319126511048	REKHAPALLI AKHIL
49	319126511049	SAKUNALA PRASANTH
50	319126511050	SAMPATH HARIKA PREETHI
51	319126511051	SHAIK FARHEEN
52	319126511052	SHAIK ILIYAZ
53	319126511053	SHAIK RAHAMAN
54	319126511054	SHEIK HUSSIAN BASHA
55	319126511055	SIMMA BHAVYASREE
56	319126511056	SRUNGAVARAPU SUMANTH
57	319126511057	SUJATA KUMARI
58	319126511058	THATIKONDA SATYA MEGHANA
59	319126511059	VARAGANI SWATHI SRI
60	319126511060	VASIREDDY JANANI
61	319126511061	VATTIKUNTA VISHNU PRIYA
62	319126511062	YERUKOLA PRATYUSHA
63	318126511066	DANDU SRAVAN KUMAR VARMA
64	320126511L01	Ch.Sandeep
65	320126511L02	A.Umamahesh
66	320126511L03	Nadipalli Duraga prasad
67	320126511L04	UNDAVALLI SAHITH
68	320126511L05	Vudatta Dhilp
69	320126511L06	Palli Gopi
70	319126511063	ADDURI R N V S VINEESHA
71	319126511064	ADITI SANYAL
72	319126511065	ALLAMSETTI CHAITANYA
73	319126511066	ALLARAPU SIRISHA
74	319126511067	AMARAKOTA PRATIBHA MEGHANA
75	319126511068	AMULOJU VAMSI
76	319126511069	ANSHUL RANA
77	319126511070	BAMBOTHULA PRANAY
78	319126511071	BATCHU TANUJA REDDY
79	319126511072	BATHI KASI VISWANADH DURGA PAVAN KUMAR
80	319126511073	BOTTA MADHURI
81	319126511074	BRUNDAVANAM PADMAVATHI
82	319126511075	BRUNDAVANAM SRI SAI TEJA
83	319126511076	BUSIREDDY SAI DEEPAK
84	319126511077	BYREDDY YOGANANDA REDDY
85	319126511078	CHALAVADI PRAVEEN KUMAR

86	319126511079	CHENCHALA YUVATEJA
87	319126511080	CHODAVARAPU LAKSHMI
88	319126511081	DEVARAPALLI TEJA SREE
89	319126511082	DHARMAVARAPU KAUSALYA SAI
90	319126511083	DUGGIRALA KALYAN KUMAR
91	319126511084	GAJULAPALLI GOWTHAMA SARMA
92	319126511085	GHOUSIA BEGUM
93	319126511086	KANDULA DEVAKI JYOTHIRMAYEE
94	319126511087	KAPPAGANTHULA SAI TRIPURA MAHESWARI
95	319126511088	KATRAGADDA KAUSHIK
96	319126511089	KELLAKA DILIP KUMAR
97	319126511090	KILLAMSETTY NYMISHA
98	319126511091	KOLLA VINEETH
99	319126511092	KONDUMPUDI MOHITHA MAHALAKSHMI
100	319126511093	KORNANA BHASKAR RAO
101	319126511094	KUDIPUDI SUSHMITHA
102	319126511095	KUKUNURI ABHIRAM
103	319126511096	KURIMINELLI LIKHITHA
104	319126511097	LIKHITA KOLA GANI
105	319126511098	MADDALA EESHVAR GOPAL
106	319126511099	MADDUKURI POOJITHA SAI
107	319126511100	MADDURI NAGA VENKATA SAI CHARAN
108	319126511101	MAHESH MAHADEV BHAGAT
109	319126511102	MANADA SURYA LAHARI
110	319126511103	MANDAVA KOVID
111	319126511104	MAYAPALLI GURUKRUPA VENKATA SAI SREEJA
112	319126511105	MEDICHERLA LEELA
113	319126511106	MUVVALA SAI TULASI
114	319126511107	NOOLU PREM SAI
115	319126511108	P BHAWANI
116	319126511109	PEETHALA ABHINAY
117	319126511110	POTNURU ALEKHYA
118	319126511111	POTTA HANISHA
119	319126511112	PULUSU SIVA TEJA REDDY
120	319126511113	REDDIPALLI GANESH KUMAR
121	319126511114	RONANKI SAIVINEELA
122	319126511115	SARIKA LOHIT
123	319126511116	SREE RAJ RAVURI
124	319126511117	TALAMALA KAVYA PERSIS
125	319126511118	TANGUDU AMITH KUMAR
126	319126511119	UPPALA KRISHNA KOUSIK
127	319126511120	VAKALAPUDI YUGA NIVAS
128	319126511121	VANDRASI SAI DINESH
129	319126511122	VARTHA HIMA SANDEEP
130	319126511123	VARUDU SURYA KIRAN

131	319126511124	VEERAMALLU VINAY KUMAR
132	319126511125	VELLANKI TEJA MARY NAMRATHA
133	319126511126	YENUGUTHALA TARUN KUMAR
134	320126511107	CHUKKA SAI JAYANTH NARAYANA
135	320126511108	VUNNA MANJU
136	320126511109	PENKI ROHIT KANTH
137	320126511110	JALDU LIKITH ABHIRAM
138	320126511111	BEHARA VENKATA SANDEEP KUMAR
139	320126511112	P SWATHI
140	319126511127	ADARI PRATHYUSHA RAGAV
141	319126511128	ANIMILLA VENU GOPAL
142	319126511129	APPASANI CHANUKYA SANDEEP KUMAR
143	319126511130	ARIGELA SHARON RANJITHA
144	319126511131	ARZA SOWMYA SHARON
145	319126511132	ATTIVILLI VENKATA ADARSHVARDHAN
146	319126511133	AVULA DURGA BHASKAR REDDY
147	319126511134	BELAMARA GANESH
148	319126511135	BHALLAMUDI PRANEETH KUMAR
149	319126511136	BHIMARASETTY SAI AMRUTHA
150	319126511137	BIDUDURI DRUVA KUMAR REDDY
151	319126511138	CHEPENA SIVA DATTA SAI
152	319126511139	CHINNALA CHANDRAMOULI
153	319126511140	CHODAVARAPU RAMA
154	319126511142	DATTI NITISH
155	319126511143	DEVARASETTI TARUN SAI
156	319126511144	GANTA NANI PRASAD
157	319126511145	GEDELA HARSHA VARDHAN
158	319126511146	GOLI HARIKA SRIMAYI
159	319126511147	GORLE SAI KEERTHI
160	319126511148	HARIKA KOTTAKOTA
161	319126511149	INAPARTHI SURYA
162	319126511150	INjeti Nikhil
163	319126511151	KALURI VENKATA SURYA TEJA
164	319126511152	KARAPA SRI VIDHYA
165	319126511153	KARUKOLA VYSHNAVI
166	319126511154	KAVALA DIVYA BHARATHI
167	319126511155	KOPPAKA VENKATA ADARSH
168	319126511156	KORUKONDA GEETHA ANIL KUMAR
169	319126511157	MADABATTULA BALU
170	319126511158	MADDI KEERTHANA
171	319126511159	MARRAPU LAVANYA
172	319126511160	MEDAPATI JOHNSON KUMAR
173	319126511161	MERUPULA SREYA
174	319126511162	MOHAMMAD ASHRAF
175	319126511163	OBILLANENI CHANDHRA SHEKAR AZAD

176	319126511164	P ALEKYA
177	319126511165	PALASI MOHAN BABU
178	319126511166	PALLA BABJI
179	319126511167	PASUPUREDDY BHANU PRAKASH
180	319126511168	PENTAKOTA ABHINAV
181	319126511169	POTHULA SRAVANI
182	319126511170	POTNURU RESHMA
183	319126511171	RAVULA CHANTI LALITHA PRAGNYA
184	319126511172	RISHIKA KARRI
185	319126511173	RUTTALA ROSHITHA AKHILESWARI
186	319126511174	SADI SAI CHETAN KUMAR REDDY
187	319126511175	SANGITA MANINDRA KUMAR
188	319126511176	SATHULURI VAMSI
189	319126511177	SHAIK FIROZ
190	319126511178	SHAIK KHASIM
191	319126511179	SHAIK TAJ MOHAMMAD MAHABOOB SUBHANI
192	319126511180	SIGALAPALLI HEMALATHA
193	319126511181	SIYADRI VYSHNAVI
194	319126511182	SRINIVASULA SRI VISHNU SATHKEERTH
195	319126511183	SUKAVASI BHUVANA SAI SRI
196	319126511184	SUNKARA MAHESH BABU
197	319126511185	UNDABATLA PARAMESH
198	319126511186	V KRISHNA BHARGAVI HIRALA
199	319126511187	VALLAPUNENI PAVAN DURGA KUMAR
200	319126511188	VANGAPANDU HARIKA
201	319126511189	VENKATA GOWRI HARESH BHOGI
202	319126511190	VUPPALA SRAVANI
203	319126511191	VUPPALAPATI KRISHNA TEJA
204	319126511192	KOPPISETTI SHRUTI
205	318126511146	PASILA DILEEP KUMAR
206	320126511L13	RANGISETT PRASAD KUMAR
207	320126511L14	D SAI SANTOSH KUMAR
208	320126511L15	PETER HRUDAY RAJ
209	320126511L16	SAI SAMEERA VARADA
210	320126511L17	M.MANIKANTA VARMA
211	320126511L18	KAPU SRINIVAS

Department of Information Technology

Class:III/IV B-Tech, SEM-I, IT-A,B & C

SUB: JAVA programming

S. No	Roll.No	Student Name	24/8	25/8	26/8	27/8	28/8	30/8
1	319126511001	ADHYA AYUSHMAN						
2	319126511002	AKKINAPALLI VENKATA NAGA SATYA SWAROOP						
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7	319126511007	BEHARA JAYA KUMAR						
8	319126511008	BELAMANA KRISHNA CHAITANYA						
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15	319126511015	GADIPUDI SWATHI						
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19	319126511019	KANDRU SRI RAM CHOWDARY						
20	319126511020	KANNAPALLI SRIKAR RAHUL						
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22	319126511022	KATURI VINAY CHOWDARY						
23	319126511023	KESARI VYSHNAVI						
24	319126511024	KHUSHI PODDAR						
25	319126511025	KILAPARTHI VISHNU TEJA						
26	319126511026	KILARI SREYA						
27	319126511027	KOLLI KUSHWANTH SAI						



ANILNEERUKONDA INSTITUTE OF TECHNOLOGY & SCIENCES 'UG AUTONOMOUS'

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Sangivalasa-531162, Bheemunipatnam Mandal, Visakhapatnam Dt.

Value added course Summary Report

Day 1

Date: 23-08-2022 Subject: JAVA Programming	Number of Students: Topic: OOPs concepts
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In this session OOPs concepts are explained as a brief with practical approach and the students understand the concepts and they clear how the concepts can be analyzed in problem statements.

The following concepts covered as part of OOPs concepts:

- OOPs concepts
- Classes and objects
- Method Overloading
- Inheritance
- Method Overriding
- Practical session



Faculty
K. Swathi Lakshmi durga
Assistant Professor
Department of IT



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Value added course Summary Report

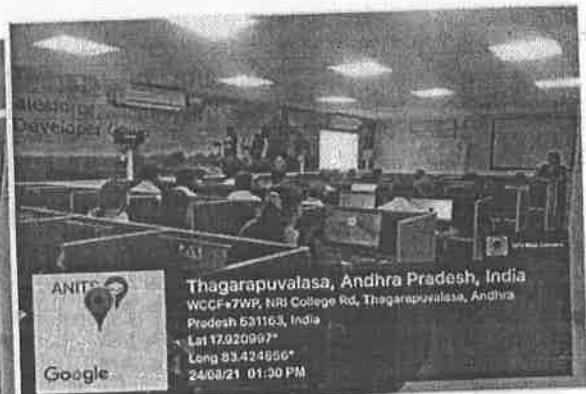
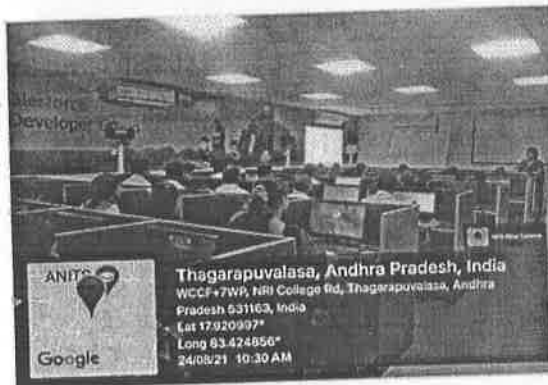
Day 2

Date: 24-08-2022	Number of Students:
Subject: JAVA Programming	Topic: Keywords

In this session Keywords concepts are explained as a brief and practical approach the students understand the concepts and analyzed the concepts in problem statement.

The following concepts covered as part of Keywords:

- This Keyword
- Super Keyword
- Final Keyword
- Static Keyword
- Practical Session



Faculty
K. Swathi Lakshmi Durga
Assistant Professor
Department of IT

Value added course Summary Report

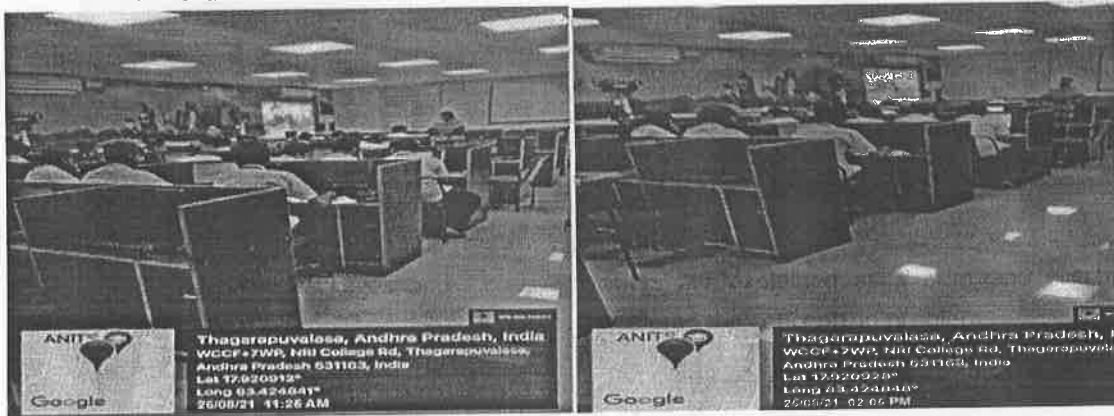
Day 3

Date: 25-08-2022 Subject: JAVA Programming	Number of Students: Topic: Packages and Access specifiers
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In this session Packages and Access Specifiers are explained as a brief and practical approach the students understand the concepts and analyzed the concepts in problem

The following concepts covered as part of Packages and Access specifiers:

- Packages
- User-defined packages and importing
- Access specifiers
- Accessibility
- Practical session



Faculty
Mrs K. Swathi Lakshmi Durga
Assistant Professor
Department of IT



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Value added course Summary Report

Day 4

Date: 25-08-2022

Subject: JAVA Programming

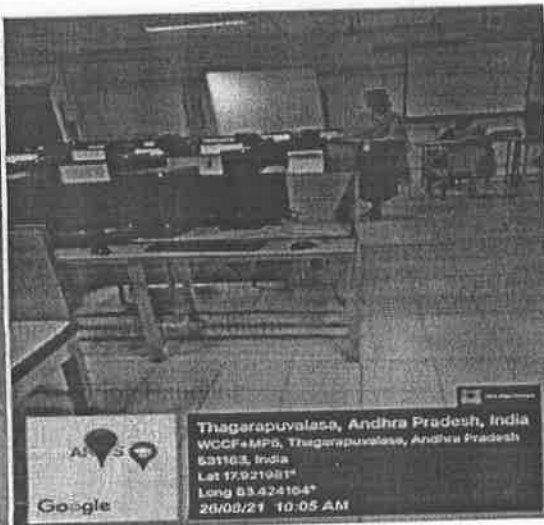
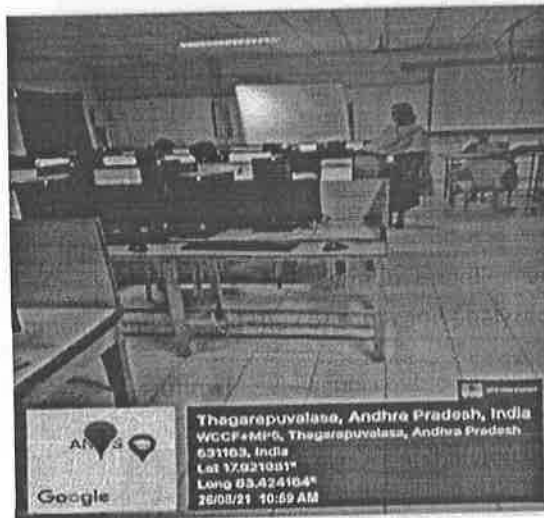
Number of Students:

Topic: Exception Handling

In this session Exception Handling are explained as a brief and practical approach the students understand the concepts and analyzed the concepts in problem

The following concepts covered as part of Exception Handling:

- Difference between Error and Exception
- Exception classes and hierarchy
- Exception handling
- Throw and Throws keywords
- Practical session



Faculty
Mrs. K. Swathi Lakshmi Durga
Assistant Professor
Department of IT



ANILNEERUKONDA INSTITUTE OF TECHNOLOGY & SCIENCES 'UGCAUTONOMOUS'

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Sangivalasa-531162, Bheemunipatnam Mandal, Visakhapatnam Dt.

Value added course Summary Report

Day 5-

Date: 27-08-2022	Number of Students:
Subject: JAVA Programming	Topic: Multithreading

In this session Multithreading are explained as a brief and practical approach the students understand the concepts and analyzed the concepts in problem

The following concepts covered as part of Multithreading:

- Threads
- Thread life cycle
- Multithreading
- synchronization
- Practical session



Faculty
Mrs K.Swathi Lakshmi Durga
Assistant Professor
Department of IT



Value added course Summary Report

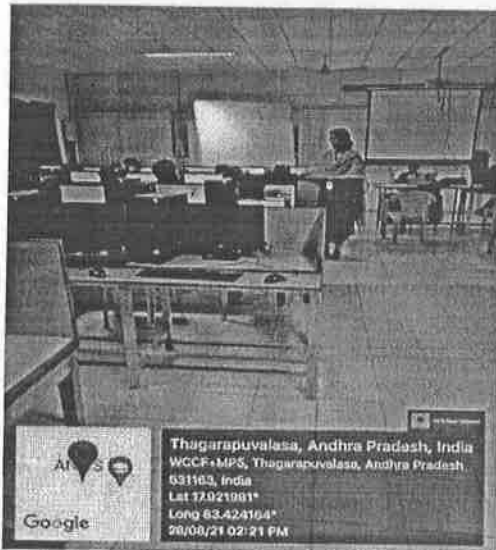
Day 6

Date: 28-08-2022	Number of Students:
Subject: JAVA Programming	Topic: Collections and Generics

In this session Collections are explained as a brief and practical approach the students understand the concepts and analyzed the concepts in problem

The following concepts covered as part of Collections:

- Collection Framework
- List-Array List ,Linked List, stack and vector
- Queue-Priority Queue
- Set-Hash Set and Tree set
- Generics
- Practical session




Faculty

Mrs K.Swathi Lakshmi Durga
Assistant Professor
Department of IT



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Value added course Summary Report

Day 7

Date: 30-08-2022

Subject: JAVA Programming

Number of Students:

Topic: JUNIT

In this session JUNIT are explained as a brief and practical approach the students understand the concepts and analyzed the concepts in problem

The following concepts covered as part of JUNIT

- JUNIT Framework
- Unit Testing
- JUNIT Features
- JUNIT Annotation
- Practical session



Faculty
Mrs K.Swathi Lakshmi Durga
Assistant Professor
Department of I



Anil Neerukonda Institute of Technology & Sciences (Autonomous)

(Permanent Affiliation by Andhra University & Approved by AICTE
Accredited by NBA (ECE, EEE, CSE, IT, Mech. Civil & Chemical) & NAAC)
Sangivalasa-531 162, Bheemunipatnam Mandal, Visakhapatnam District
Phone: 08933-225083/84/87 Fax: 226395

Website: www.anits.edu.in

email: principal@anits.edu.in

Infyfq Training program on JAVA Programming

Name of the Course	JAVA programming
Name of the Faculty	Mrs.K.Swathi Lakshmi Durga
Total number of Students registred	211
Total number of students completed the course	211
Duration of the Course	1 Week(23/08/2021 to 30/08/2021)

Course Outcomes:

- To understand the basic concepts and fundamentals of platform independent object oriented language.
- To demonstrate skills in writing programs using exception handling techniques and multithreading.
- To understand streams and efficient user interface design technique
- To demonstrate skills in writing program using JUnit, this is used for writing and running tests.

Conclusion:

Value added course was conducted by Mrs.K.Swathi Lakshmi Durga, Asst Prof, Dept of IT at ANITS. The topic which was named as "JAVA Programming" which is a training Programme conducted from 23/08/2021 to 30/08/2021. All the students showed interest while delivering the lectures and practical sessions on OOPs concept, Exceptions, Multithreading and JUNIT.

Faculty Signature:

HOD

Prof. P.PADMA
Head of the Department
Department of IT



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Sangivalasa-531 162, Bheemunipatnam Mandal, Visakhapatnam Dt.
Phone : 08933-225083, 225084
Email : principal.anits.edu.in

CERTIFICATE

—of completion—

This is to certify that Mr/Miss

VANGAPANDU HARIKA

and successfully completed course on **JAVA Programming** from 23-08-2021 to
20-09-2021 organised by Department of Information Technology , Anil Neerukonda Institute of
Technology & Sciences, Visakhapatnam fro

K Swathi

K Swathi Lakshmi Durga

Faculty Coordinator

Prof P Padmaja

HOD,IT



ANIL NEERUKONDA INSTITUTE OF TECHNOLOGY & SCIENCES (AUTONOMOUS)
Affiliated to Andhra University, Approved by AICTE & Accredited by NBA)
Sangivalasa-531 162, Bheemunipatnam Mandal, Visakhapatnam Dt.
Phone : 08933-225083 ,225084
Email :principal.anits.edu.in

CERTIFICATE

—of completion—

This is to certify that Mr/Miss

MADABATTULA BALU

has prepared and successfully completed course on JAVA Programming from 23-08-2021 to 23-08-2021 organised by Department of Information Technology , Anil Neerukonda Institute of Technology & Sciences, Visakhapatnam fro

F. K. Sathya

F. K. Sathya Lakshmi Durga
Faculty Coordinator

Prof P Padmaja
HOD,IT



NEERUKONDA INSTITUTE OF TECHNOLOGY & SCIENCES (AUTONOMOUS)
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Phone : 08933-225083 , 225084
Email : principal.anits.edu.in

CERTIFICATE

—of completion—

This is to certify that Mr/Miss

ADHYA AYUSHMAN

has completed and successfully completed course on **JAVA Programming** from **23-08-2021** to **23-08-2021** organised by Department of Information Technology , Anil Neerukonda Institute of Technology & Sciences, Visakhapatnam

K. Swathi

K. Swathi Lakshmi Durga

Faculty Coordinator

Prof P Padmaja
HOD, IT



Date: 10-08--2021

CIRCULAR

Sub: value added course –DBMS

This is to inform all the B.Tech IT III/IV students to register for value added course on DBMS. The course we held from 14-08-2021 to 21-08-2021.

- Mode of teaching: online
- Timings: 8.40 AM to 11.10 AM & 12.50PM TO 2.30PM
- Faculty coordinator: G. Vijaya Lakshmi

FACULTY

HOD

Prof. P. PADMAJA
head of the Department
Department of IT
ANITS Visakhapatnam



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Sangivalasa-531 162, Bheemuniapatnam Mandal, Visakhapatnam District
Phone: 08933-225083/84/87 Fax: 226395
Website: www.anits.edu.in email: principal@anits.edu.in

DBMS–Schedule

DAY 1: INTRODUCTION TO DBMS.

DAY 2 : DDL AND DML STATEMENTS.

DAY 3:. SORTING AND GROUPING DATA

DAY 4: JOINS.

DAY 5: SUBQUERY

DAY 6: TRANASACTIONS.


DAY 7: NORMALIZATION .

Course Objectives:

- To acquire the knowledge on fundamental concepts of DBMS
- To enable the students to know DBMS techniques to support real-time applications.

SLNO	DATE	TOPICS
1	14-08-2021	INTRODUCTION TO DBMS.
2	16-08-2021	DDL AND DML STATEMENTS
3	17-08-2021	SORTING AND GROUPING DATA
4	18-08-2021	JOINS.
5	19-08-2021	SUBQUERY
6	20-08-2021	TRANASACTIONS
7	21-08-2021	NORMALIZATION


FACULTY


HOD
Prof. P.PADMA
head of the Department
Department of IT
ANITS Visakhapatnam

HOD

Faculty Signature

Value added course was conducted by Mrs. G. Vijaya Lakshmi, Asst. prof, Dept of IT at ANITS. The topic which was named as "Data Base Management Systems" which is a training Programme conducted by department of IT for 7 days from 14/08/2021 to 21/08/2021. All the students showed interest while delivering the lectures and practical sessions.

Conclusion:


- Understand the basic principles of database management systems.
- Draw Entity-Relationship diagrams to represent simple database application scenarios
- Write SQL queries for a given context in relational database.
- Discuss normalization techniques with simple examples.
- Describe transaction processing and concurrency control concepts.

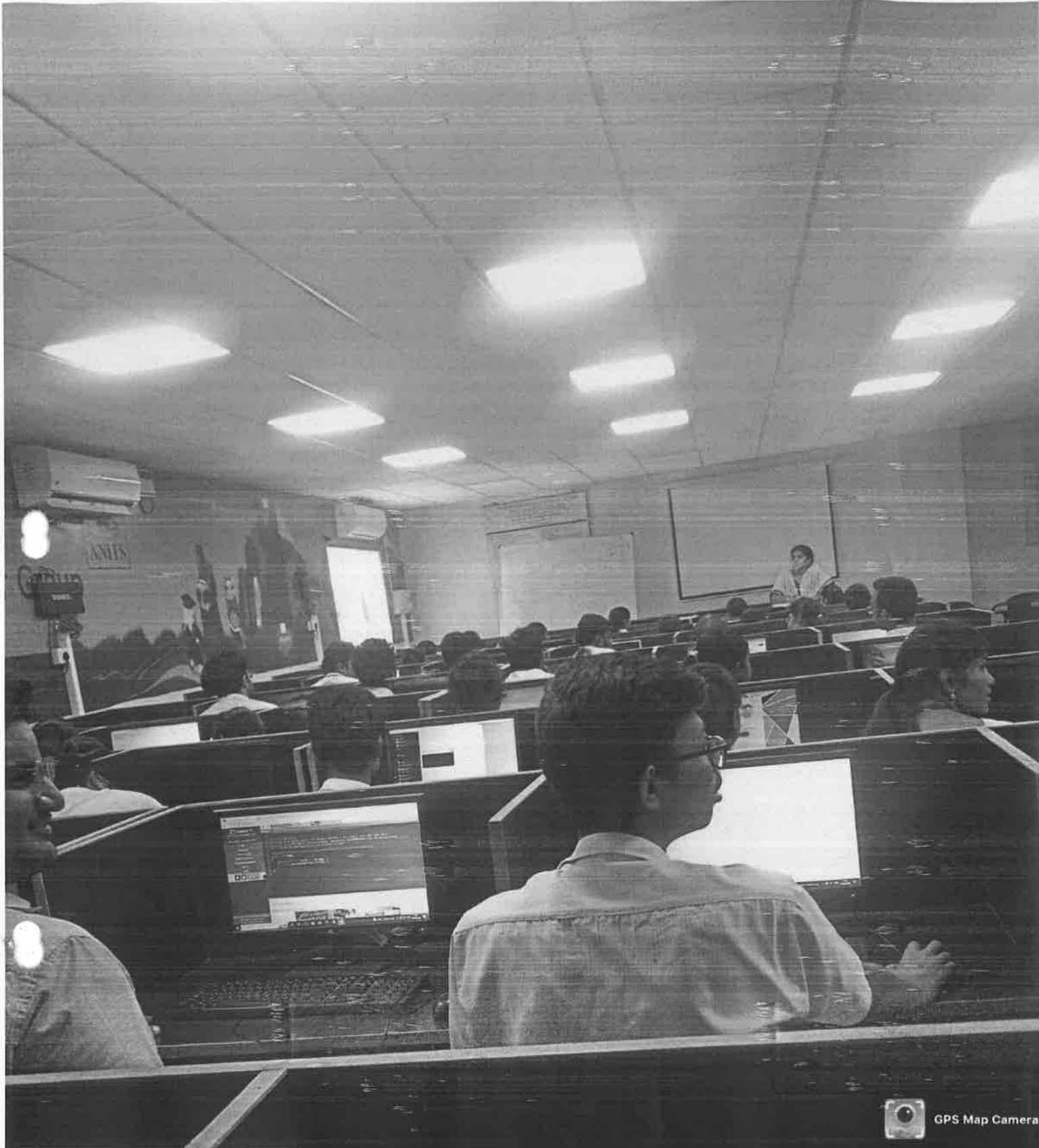
Course Outcomes:

Name of the Course	Data Base Management Systems
Name of the Faculty	Mrs. G. Vijaya Lakshmi, Asst prof, Dept of IT
Total number of students registered	211
Total number of students completed the course	211
Duration of the course	7 Days [14/08/2021 to 21/08/2021]

Summary Report:

Value Added Course on Data Base Management Systems

	<p>Anil Neerukonda Institute of Technology & Sciences (Autonomous) (Permanent Affiliation by Andhra University & Approved by AICTE Accredited by NBA (ECE, FEE, CSE, IT, Mech, Civil & Chemical) & NAAC) Sangivalasa-531162, Bheemunipatnam Mandal, Visakhapatnam District Phone: 08933-225083/84/87 Fax: 226395 Website: www.anits.edu.in email: principal@anits.edu.in</p>
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 GPS Map Camera



Thagarapuvalasa, Andhra Pradesh, India

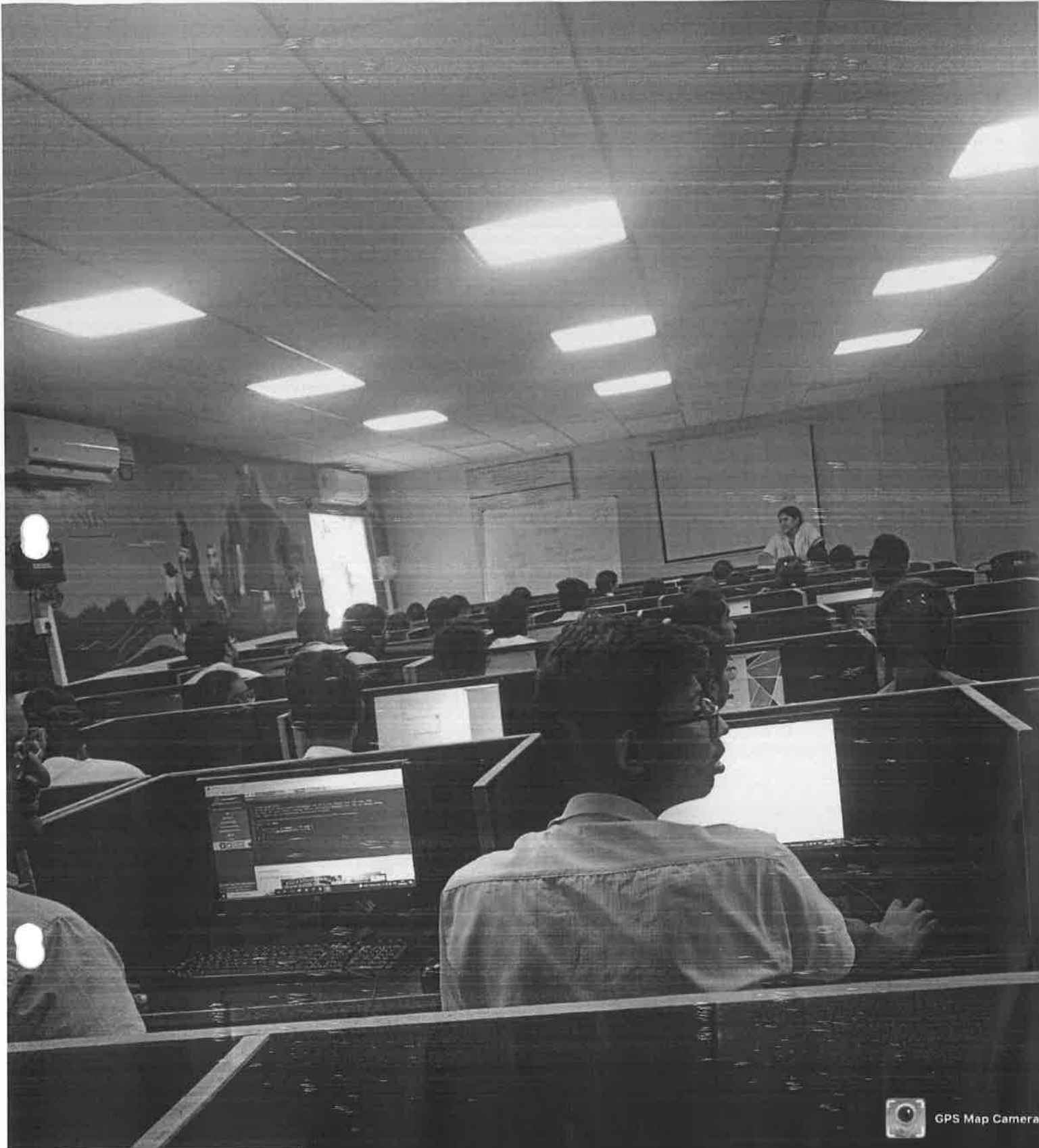
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531163, India

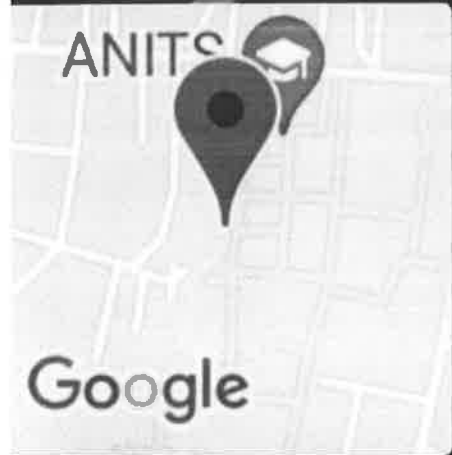
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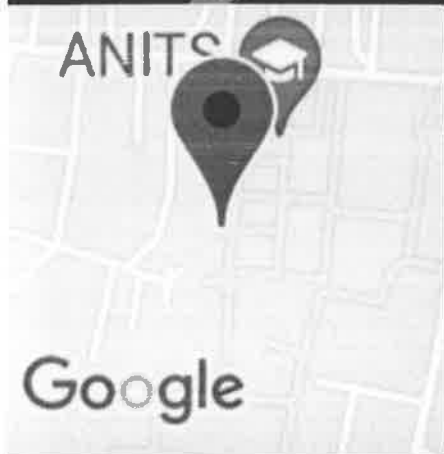
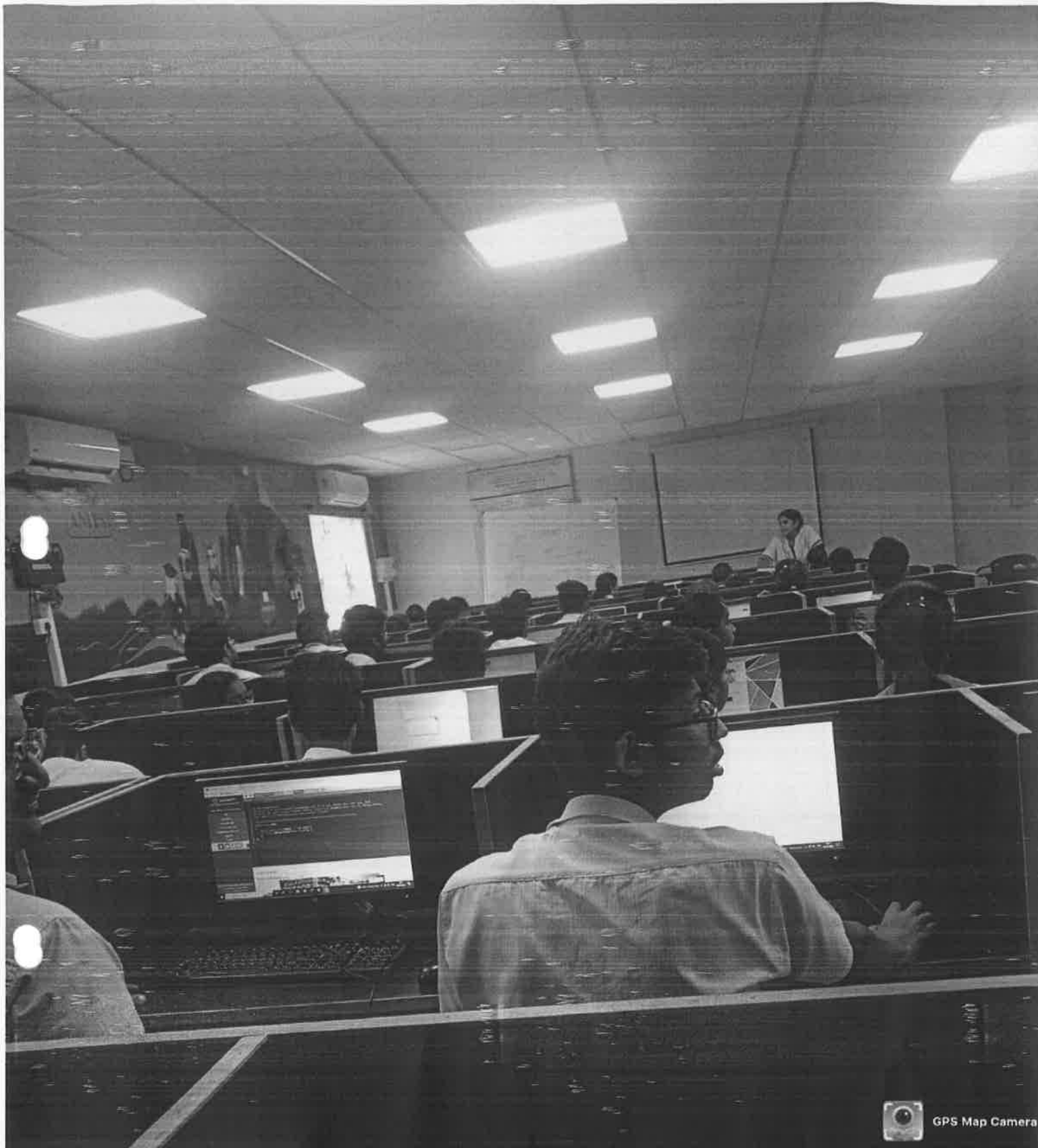
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 GPS Map Camera



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Andhra Pradesh 531163, India
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Long 83.42488°
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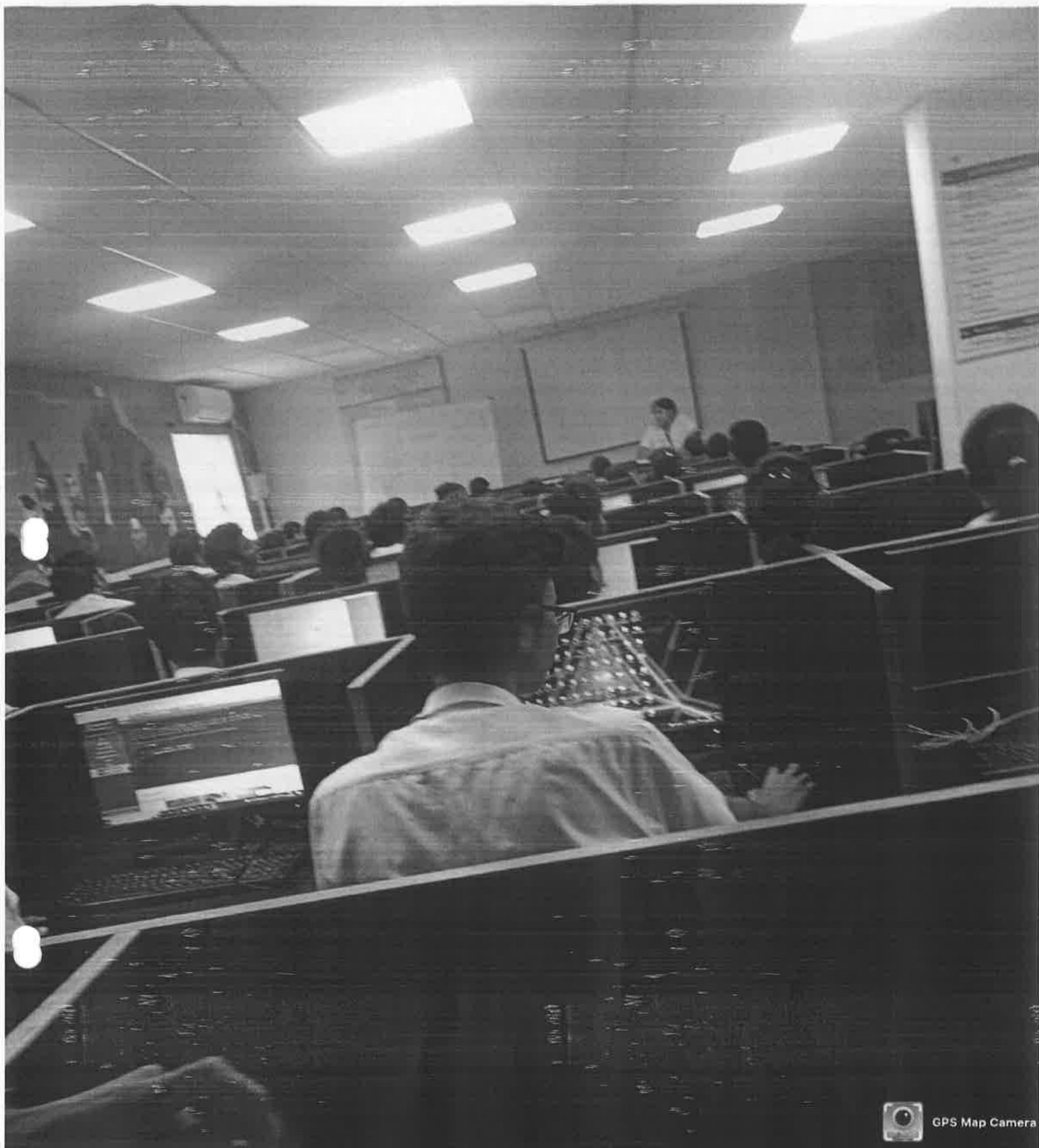
Thagarapuvalasa, Andhra Pradesh, India

**WCCF+7WP, NRI College Rd, Thagarapuvalasa,
Andhra Pradesh 531163, India**

Lat 17.920953°

Long 83.42488°

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 GPS Map Camera



Thagarapuvalasa, Andhra Pradesh, India

WCCF+7WP, NRI College Rd, Thagarapuvalasa,

Andhra Pradesh 531163, India

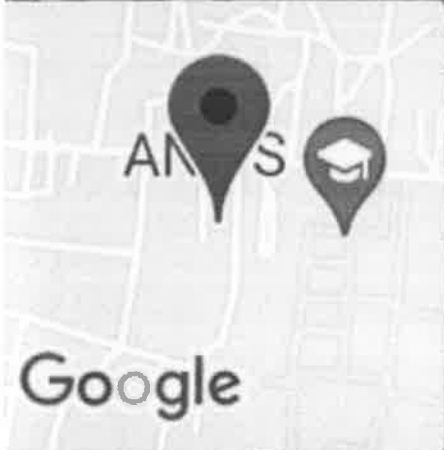
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Long 83.42488°

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GPS Map Camera



Thagarapuvalasa, Andhra Pradesh, India

WCCF+MP5, Thagarapuvalasa, Andhra Pradesh

531163, India

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Long 83.424164°

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GPS Map Camera



Thagarapuvalasa, Andhra Pradesh, India

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531163, India

Lat 17.921981°

Long 83.424164°

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GPS Map Camera



Thagarapuvalasa, Andhra Pradesh, India

WCCF+MP5, Thagarapuvalasa, Andhra Pradesh

531163, India

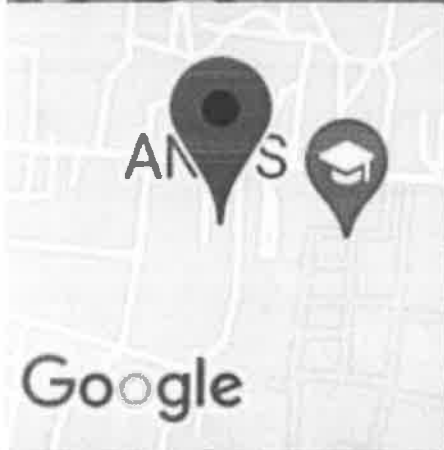
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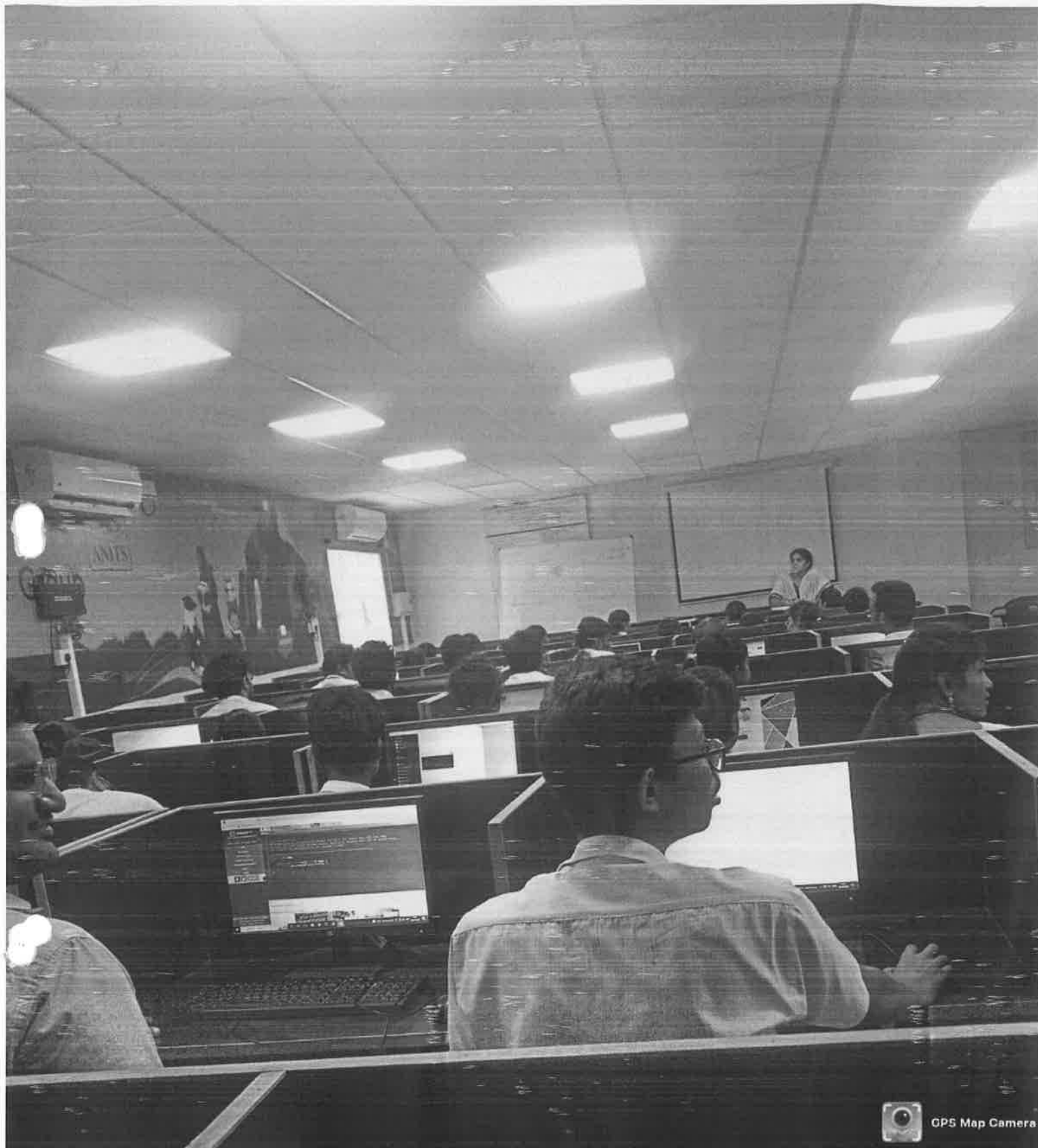
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GPS Map Camera



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531163, India
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Long 83.424164°
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 GPS Map Camera



Thagarapuvalasa, Andhra Pradesh, India

WCCF+7WP, Thagarapuvalasa, Andhra Pradesh

531163, India

Lat 17.920833°

Long 83.424834°

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Certificate of Participation

This is to certify that

Grade | >=80 : A+ | >=60 : A | <60 : B

G.Vijaya Lakshmi of

ANIL NEERUKONDA INSTITUTE OF TECHNOLOGY & SCIENCES

has participated in the **Faculty Enablement Program** on

“Database Management System through INFYTQ Platform”

conducted in online mode using WebEx platform from **3rd August to 7th August 2020** by

Infosys Limited and has been awarded with **“A+”** Grade.

Thirumala Arohi

Vice President & Head - Education, Training & Assessment,
Infosys Limited

Sundar KS

Associate Vice President, & Head – Campus Conne
Education, Training & Assessment, Infosys Limited



ANIL NEERUKONDA INSTITUTE OF TECHNOLOGY & SCIENCES (A)

DEPARTMENT OF MECHANICAL ENGINEERING

(Permanently Affiliated to Andhra University, AICTE, Accredited by NBA NAAC with 'A' Grade)
Sangivalasa-531162, Bheemunipatnam Mandal, Visakhapatnam Dt.
Phone 08933-225084, 226395

Date: 10.05.2021

To
The Principal,
ANITS.

Sir,

Sub: Request for conducting a two-week on-line program on "Value added course on Product Design & Drafting by CATIA"-reg.

We are planning to organize a two-week online program on "value added course on Product Design & Drafting by CATIA" to improve the academic and professional skills of our students. The program is planned to organize in collaboration with APSSDC from 17th to 29th May, 2021. This program will immensely benefit the students during their placements and improve their career opportunities.

Kindly grant the permission for organizing the program.

Appd

10.5.21
Head of the Department
PROFESSOR & HEAD
Department of Mechanical Engineering
ANIL NEERUKONDA INSTITUTE OF TECHNOLOGY & SCIENCES
Sangivalasa-531162 VISAKHAPATNAM Dist AP



ANIL NEERUKONDA INSTITUTE OF TECHNOLOGY & SCIENCES (A)

DEPARTMENT OF MECHANICAL ENGINEERING

(Permanently Affiliated to Andhra University, AICTE, Accredited by NBA NAAC with 'A' Grade)

Sangivalasa-531162, Bheemunipatnam Mandal, Visakhapatnam Dt.
Phone 08933-225084, 226395

Date: 12.05.2021

CIRCULAR

All the interested third and final year Mechanical Engineering students are hereby informed to register your names with the under signed to attend a two-week online program on "value added course on Product Design & Drafting by CATIA" scheduled from 17th to 29th May, 2021. This program will be organized in collaboration with APSSDC. It will immensely benefit the students in obtaining placements and improve your career opportunities.

12.5.21
Head of the Department

PROFESSOR & HEAD
Department of Mechanical Engineering
ANIL NEERUKONDA INSTITUTE OF TECHNOLOGY & SCIENCES
Sangivalasa-531 162 VISAKHAPATNAM Dist. A.P.



Brochure: Value added course on "Product Design and Drafting by CATIA"

Course Contents to be covered

- ❖ *Sketcher*
- ❖ *Part Design*
- ❖ *Assembly*
- ❖ *Drafting*

Duration: 48 Hrs.

DAY	CONCEPT	CONTENT HIGHLIGHTS & TOPICS TO BE DELIVERED
WEEK-I		
Day- 1&2	Introduction to CATIA software & Interface of the software	<ul style="list-style-type: none"> ● Basic engineering drawings ● Introduction to software and application criteria in industries ● Introduction to various domains in Catia Software ● Software interface and drawing considerations ● Steps to be considered for designing a product
Day- 3&4	Introduction to sketcher workbench, sketch creation, modifications, constraining	<ul style="list-style-type: none"> ● Creating a normal sketch by considering the given dimensions ● Creating axis systems and sorting out the required toolbars for sketching ● Options to be set before drawing a sketch i.e for increasing the performance ● Settings up Views and cube operations for views ● Creating profiles by using lines, Circles, Rectangles, Splines, and arcs. ● Modifying profiles by using Trims, Extend, Mirror, Move, Copy, Rotate ● Simplifying sketch by using pattern operations ● About Sketch Constraints and making a sketch fully constrained closed sketch ● Dimensional Constraints & Geometrical Constraints ● Sketch grids & snap grid along with Sketch tools & Visualization tools ● Sketch visibility colors, Sketch analysis
Day- 5&6	Introduction to part design, creating 3d models from 2d sketches	<ul style="list-style-type: none"> ● Importance of 3d modeling and views associated with 3d models ● Conversion of Sketches to 3d models by Material Add and Remove. ● Associating views and drawing sketch to obtain the final 3d models ● Make use of reference elements like point, Line, Plane ● Sketch-based features like Extrude, Revolve, Sweep, Multi-section solids ● Dress-up features like Fillets, Chamfers, Patterns ● Transformation features like Move, Copy, Rotate, Mirror, Symmetry e.t.c

WEEK-II

Day- 1&2	Creating 3d models by following correct tree structure, boolean operations, Applying the draft analysis to created models	<ul style="list-style-type: none">● Adding materials properties for 3d models● Using dynamic sectioning features and output features● Draft analysis for created models and measure the inertia and weight● Following proper tree structure for creating the products● Boolean operations
Day- 3&4	Introduction to assembly, Creating assembly for the 3d models	<ul style="list-style-type: none">● Introduction to assembly interface● Explanation of basic assembly constraints● Applying modification to the assembly constraint by using a manipulation tool● Explanation of Bottom-Up and Top-Down Assembly● Creating complete Bottom-Up Assembly● Creating complete Top Assembly● Benefits Bottom Up and Top Down assemblies● Exploded view for the created assembly
Day- 5&6	Introduction to drafting, creating drafting to the 3d models	<ul style="list-style-type: none">● Creating views of the final assembly on drafting sheet● Creating front view side view and top view & Isometric view of Assembly● Creating dimensions, part numbers, Bill of materials● Title block creation and Broken, auxiliary views creation● Review of all previous sessions followed by a test.

HOD
Mech. Engg.

PROFESSOR & HEAD
Department of Mechanical Engineering
SNIL NEERUKONDA INSTITUTE OF TECHNOLOGY & SCIENCE
Sangivalasa-531 162 VISAKHAPATNAM Dist. A.P



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Fax: 226395

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email: principal@anits.edu.in

An online training program

Product Design & Drafting by Catia-2020-2021 (Online)

Organisation :Andhra Pradesh State Skill Development Corporation(APSSDC)

List of Students trained

S.No.	Registration Id	Name
1	317126520072	K. Deva Swarup
2	317126520132	Gedela Aravind
3	317126520140	Uday Kiran Katta
4	317126520150	Mallavarapu Teja
5	317126520157	Penki Vineeth
6	317126520160	Pilla Jaswanth Sai Pavan
7	317126520162	P.Santosh Kumar
8	317126520198	Kakinada Sai Dheeraj
9	317126520231	Yandra Chandrasekhar
10	318126520001	Naveen Agatha
11	318126520002	Akkabattula Sashank
12	318126520003	Anirudh Susarla
13	318126520005	Aripaka Raviteja
14	318126520007	Baggam Modha Sai Asritha
15	318126520009	Praneethbabu Boddeda
16	318126520011	Chilla Tarun Kumar Reddy
17	318126520012	Chodipalli Mahesh
18	318126520014	Tejasree Dukka
19	318126520015	Gorle Sai Neeraj
20	318126520016	Juttuga Githika Shivani
21	318126520017	Kallepalli Lokesh
22	318126520019	Kandregula Naveen Manikanta Varaprasad
23	318126520024	Korra Tarun
24	318126520025	Kothakota.Narendrakumar
25	318126520026	Koyya Madava Krishna Reddy
26	318126520028	Madasu Srivarshini
27	318126520029	Madeti Raghavendra Sai Rohit
28	318126520030	Madugula Sumant
29	318126520031	Mallidi Rakesh
30	318126520032	Muthu Bhaskar
31	318126520034	Munagala Sarath Chandra
32	318126520035	Mungi Sai Meghavardhan



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Phone: 08933-225083/84/87

Fax: 226395

Website: www.anits.edu.in

email: principal@anits.edu.in

An online training program

Advanced Surface Design by CATIA-2020-2021 (Online)

Details: 13-7-2020 to 25-07-2020

Organisation :Andhra Pradesh State Skill Development Corporation(APSSDC)

List of Students trained

S.No.	Registration Id	Name
1	317126520072	K. Deva Swarup
2	317126520132	Gedela Aravind
3	317126520140	Uday Kiran Katta
4	317126520150	Mallavarapu Teja
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7	317126520162	P.Santosh Kumar
8	317126520198	Kakinada Sai Dheeraj
9	317126520231	Yandra Chandrasekhar
10	318126520001	Naveen Agatha
11	318126520002	Akkabattula Sashank
12	318126520003	Anirudh Susarla
13	318126520005	Aripaka Raviteja
14	318126520007	Baggam Modha Sai Asritha
15	318126520009	Praneethbabu Boddeda
16	318126520011	Chilla Tarun Kumar Reddy
17	318126520012	Chodipalli Mahesh
18	318126520014	Tejasree Dukka
19	318126520015	Gorle Sai Neeraj
20	318126520016	Juttuga Githika Shivani
21	318126520017	Kallepalli Lokesh
22	318126520019	Kandregula Naveen Manikanta Varaprasad
23	318126520024	Korra Tarun
24	318126520025	Kothakota.Narendrakumar
25	318126520026	Koyya Madava Krishna Reddy
26	318126520028	Madasu Srivarshini
27	318126520029	Madeti Raghavendra Sai Rohit
28	318126520030	Madugula Sumant
29	318126520031	Mallidi Rakesh
30	318126520032	Muthu Bhaskar
31	318126520034	Munagala Sarath Chandra
32	318126520035	Mungi Sai Meghavardhan

33	318126520037	Nirujogi Bharath
34	318126520038	Padala Sampath Mani Srikar
35	318126520039	Pakki Venkata Naga Lohith
36	318126520040	Pattisapu Varaha Sandeep
37	318126520041	Pinninti Sampath Kumar
38	318126520042	P Charlie Swaraj
39	318126520043	Pulibanti Sai Kiran
40	318126520044	Puvvala Dinesh Kumar
41	318126520045	Rohit Yadav
42	318126520046	Seera.Naveenkumar
43	318126520047	Seera Vivek
44	318126520048	Shaik Faiz
45	318126520049	Singampalli Gowtham
46	318126520050	Souripalli Divya
47	318126520051	Sravankumar Yalla
48	318126520052	Sunkari Anil Kumar
49	318126520053	Thatavarthi Krishna Vamsi
50	318126520055	Vamsi Krishna Ambati
51	318126520056	Vangapandu Harish Naidu
52	318126520057	Velamala Jaya Krishna
53	318126520058	Vishnu Vardhan Reddy Kandula
54	318126520064	Barukula Srihari
55	318126520065	Bavirisetti Sujeeth
56	318126520066	Bheesetti Mohan Srinivas
57	318126520067	B Nitish Bharadwaj
58	318126520069	Chilla Vishnu Vardhan Reddy
59	318126520070	Challapalli Dinesh Raja
60	318126520071	Kolli Chandu Reddy
61	318126520075	Dannana Dhruva Teja
62	318126520078	G. Sai Sumanth
63	318126520079	Gangunayuni Prakash
64	318126520080	Dilip Kumar
65	318126520081	Gude Raghu
66	318126520082	Harshavardhan Dora Inapakurthi
67	318126520083	Indukuri Purna Adhitya Varma
68	318126520084	Kakara Karthik
69	318126520086	Suryaprakash Kandukuri
70	318126520087	Karaggi Nikhil Chandra
71	318126520088	Karrothu Lokesh Kumar
72	318126520093	Lakkoju Deepak
73	318126520095	Madaka Rakesh Kumar
74	318126520097	Maredi Praveen
75	318126520098	Moturu Sailesh
76	318126520102	Nunna Sai Pavan
77	318126520104	Pandiri Nagendra Veera Prasad
78	318126520105	Patoju Sai Sankar
79	318126520106	Polla Srihari
80	318126520107	Ranjith Kumar
81	318126520108	Ravada Upendra
82	318126520111	Senpathi Venkata Siva Sai Anil Kumar
83	318126520112	Shaik Shadiq
84	318126520114	Varanasi Pavan
85	318126520117	Akula Lokeshwar
86	318126520120	Boddepalli Chandrasekhar Sai Srinivas
87	318126520121	Bokam Chandra Mouli
88	318126520123	Boora Deekshitha Kumari
89	318126520124	Borra Venkata Sai Praneeth

90	318126520125	Botcha Bharadwaj Srinivas
91	318126520126	Budida Pavan Kumar
92	318126520127	Chalumuru Kumar Satya Sai Prasad
93	318126520129	Ch Sai Surya
94	318126520130	Ch.Vishnu Koushik
95	318126520132	Ch.Venkatesh Sai Teja
96	318126520133	Satish Chittella
97	318126520134	Dhavalwarapu Laxman
98	318126520135	Doddi Revanth
99	318126520136	Dwara Srimanth
100	318126520138	Golla Nikhil Durga Sai
101	318126520139	G.Devaki
102	318126520140	Gudla Avinash Reddy
103	318126520143	Jami Rishi
104	318126520144	Kadavala Sai Karthikroy
105	318126520148	K Karthik Preetham Naidu
106	318126520150	Nadiminti Ganesh
107	318126520152	Pedada Venkata Saikiran
108	318126520153	Pilla Manikanta
109	318126520155	Pinisetty Srinivas Kalyan
110	318126520156	Poorna Chandra Vijay Kilani
111	318126520159	Robbi Chandra Sekhar
112	318126520162	Shaik P Shehzad
113	318126520163	Shaik Saleel
114	318126520164	Simeon Sahasramsa Gajula
115	318126520165	Sopeti Madhu Sudhana Rao
116	318126520167	Talada Kusuma Kumar
117	318126520168	Vaylletichandramouli
118	318126520170	Velagada Chanti Naidu
119	318126520172	B. Sai Dhanunjay
120	318126520173	Bandi Chandra Mouli
121	318126520174	Barla Mohan
122	318126520175	Chakravarthi
123	318126520177	Cheekati Vamsi
124	318126520178	Gorle Balu
125	318126520179	Gudimetla Naga Rama Bruhathi
126	318126520182	Jagannadham Surya Durga Prasad
127	318126520184	Kantreddy Hakila Satya Priyanka
128	318126520185	KODI MANI KUMAR
129	318126520186	Kokkiri .Balakrishna
130	318126520189	Mandeti Sampath Kumar
131	318126520191	M.Chandu
132	318126520192	Mavuru Vasu
133	318126520193	Nadiminti. Narasinga Rao
134	318126520194	Malli Prasanth Sai
135	318126520195	N. Sudhin Raj
136	318126520197	Pasapu.Srinivas
137	318126520198	R.Venkat Abhishek
138	318126520199	Sankrana Bhanu Teja
139	318126520200	Shaik Mohammad Shoaib
140	318126520201	Shaik Naziya Khatun
141	318126520202	Sunkara Saikiran
142	318126520203	U. Ranjith Kumar
143	318126520204	Vaddadi Sai Tejaswini
144	318126520205	Vetcha Sai Rohit
145	318126520207	Yeluri Sessa Sai
146	318126520208	Yenda Yuva Kiran

147	318126520L25	Pitani Lakshmi Narasimha Murthy
148	318126520L32	Vempadapu Raghuram
149	318126520L52	Gokada Mahendra
150	318126520L53	Akkireddy Tirumulu
151	319126520L01	Naba Madhavi Priyanka
152	319126520L02	Chinnari Natraj
153	319126520L03	Bantu Sandhya
154	319126520L04	Kanuri Roopesh
155	319126520L05	Geddavalasa Ravi Kumar
156	319126520L06	John Daniel
157	319126520L07	Yasoda. Dammu
158	319126520L08	Dokka Jayasree
159	319126520L09	Kolli Syam Deekshit Manikanta
160	319126520L11	Kagithala Kavya
161	319126520L12	Baratam Vlineeth
162	319126520L13	Gudla Shanmukha Srinivasrao
163	319126520L14	Adari Rohith
164	319126520L15	Pudi.Balakrishna
165	319126520L17	Pedapati Mvsk Sai Satya Ganesh
166	319126520L18	Dinesh Gudipati
167	319126520L19	Pudi Teja Kumar
168	319126520L20	B. Hema Saranya
169	319126520L23	Tutika Ganesh
170	319126520L24	Thadi Varaprasad
171	319126520L25	Rongali Yernaaidu
172	319126520L26	Vamshi Pavan Vadapalli
173	319126520L27	Mandapati Ugendra Varma
174	319126520L29	Balla Chakradhar
175	319126520L30	Majji Ramakanth
176	319126520L31	Karri.Kethan
177	319126520L32	Kamada Hemanth
178	319126520L33	Kalla Kanaka Sai Jayanth
179	319126520L36	Nekkala Lokesh
180	319126520L38	Yenugula Murali Krishna
181	319126520L40	Thotada Kiran
182	319126520L41	Guntuku Yeswanth Kumar
183	319126520L42	Kadari Tarun Kumar
184	319126520L44	Gallongi Mohan Kumar
185	319126520L45	Inturi Tanmayasai Krishnachowdary
186	319126520L46	Mamidi Jaswanth
187	319126520L47	Marri Nikhil Sai
188	319126520L48	B.Trived
189	319126520L49	Pasupureddi Rajesh
190	319126520L50	Mudunuru Akhil Varma
191	319126520L51	Vankara Madhusudhan Rao
192	319126520L52	P. Vamsi Varma
193	319126520L53	Ponnada Karthik
194	319126520L55	Md Nawazuddin
195	319126520L57	Sativada Lakshmikanth

HOD
Mech. Engg.

PROFESSOR & HEAD
Department of Mechanical Engineering
ANDHRA JEEVAJI INSTITUTE OF TECHNOLOGY & SCIENCE
Geddavalasa-531 162 VISAKHAPATNAM Dist. A.P.



Andhra Pradesh State Skill Development Corporation (APSSDC)

(Department of Skill Development & Trainings, Govt. of Andhra Pradesh)



Skill AP
APSSDC



Certificate of Participation



Cert.No. PDDC/05/2021-22/361

Regd Id : 319126520L38

This is to certify that Mr./Ms./Mrs.
Yenugula Murali Krishna
of Anil Neerukonda Institute of Technology & Sciences has successfully
participated in Online Training Program on Product Design and Drafting by CATIA

held from 17-05-2021 to 29-05-2021

Dr. D.V. Rama Koti Reddy
Executive Director
APSSDC

Sri N. Bangaru Raju
MD, APSSDC



ANIL NEERUKONDA INSTITUTE OF TECHNOLOGY & SCIENCES (A)

DEPARTMENT OF MECHANICAL ENGINEERING

(Permanently Affiliated to Andhra University, AICTE, Accredited by NBA NAAC with 'A' Grade)
Sangivalasa-531162, Bheemunipatnam Mandal, Visakhapatnam Dt.
Phone 08933-225084, 226395

REPORT

Date: 29.05.2021

The Department has encouraged its students to register for value added courses which will have a bearing on their academic and professional skills. In this respect, a value-added course on "Product Design & Drafting by CATA" has been organised by the Department in on-line mode in association with Andhra Pradesh State Skill Development Corporation (APSSDC) during 17.05.2021 to 29.05.2021 (48 contact hours). A total of 195 Mechanical Engineering students have registered and successfully completed the course.

The program dealt with the nuances of CATIA software and its applications. The students were taught the basics of CATIA and introduction to part design in the first few sessions followed by creating 3D models, Boolean operations, creating assembly models and drafting in the next sessions (The details are provided in the brochure). They were also simultaneously exposed to the use of software for simple applications.

The department has planned to arrange such programs in the future as well as it would improve the confidence of the students and also enhance their job opportunities.


Head of the Department

PROFESSOR & HEAD
Department of Mechanical Engineering
ANIL NEERUKONDA INSTITUTE OF TECHNOLOGY & SCIENCES
Sangivalasa-531 162 VISAKHAPATNAM Dist. A.P.



Anil Neerukonda Institute of Technology & Sciences (Autonomous)

(Affiliated to AU, Approved by AICTE & Accredited by NBA (ECE,EEE,CSE,IT & Mech.) & NAAC)

Sangivalasa-531 162, Bheemunipatnam Mandal, Visakhapatnam District

Phone: 08933-225083/84/87

Fax: 226395

Website: www.anits.edu.in

email: principal@anits.edu.in

DEPARTMENT OF ELECTRONICS AND COMMUNICATION

CIRCULAR

Dt. 5/04/2021

This is to inform all the current IV/IV B. Tech, ECE students that a short term course on “**FPGA based system design using VHDL**” is planned as below. All the students of IV/IV ECE are requested to avail this. This course can be considered as Value Added Course further.

Course details are furnished along with.

HoD, ECE.

**Head of the Department
Department of E C E
Anil Neerukonda Institute of Technology & Sciences
Sangivalasa - 531 162**

SYLLABUS

UNIT 1

Introduction to Reconfigurable Computing Systems: Objectives, Expectations, Logistics, characterization of Reconfigurable Computing & Reconfigurable Hardware, Reconfigurable Software

UNIT 2

Basic concepts of hardware description languages (VHDL , Verilog HDL). logic and delay modeling, Structural, Data-flow and Behavioral styles of hardware description, Architecture of event driven simulators, Syntax and Semantics of VHDL, Variable and signal types, arrays and attributes,

UNIT 3

Operators, expressions and signal assignments, Entities, architecture specification and configurations, Component instantiation, Concurrent and sequential constructs, Use of Procedures and functions, Synthesis of logic from hardware description.

UNIT 4

Types of Reconfiguration, Details study of FPGA, Design tradeoffs, Bidirectional wires and switches, FPGA Placement: Placement Algorithms, FPGA Routing, Timing Analysis, Network Virtualization with FPGAs, On-chip Monitoring Infrastructures, Multi-FPGA System Software, Logic Emulation, Applications,

UNIT 5

High Level Compilation VLSI/FPGA Design for Wireless Communication Systems, Reconfigurable Coprocessors, Power Reduction techniques, A brief idea on SOC, SOPC, PSOC and FPAAs.

TEXT BOOKS

1. C. H. Roth, *Digital Systems Design Using VHDL*, Thomson Publications , 2002
2. Scott Hauck and Andre DeHon, *Reconfigurable Computing*, Morgan Kaufmann , 2008

REFERENCE BOOKS

1. R. C. Cofer and B. F. Harding, *Rapid System Prototyping with FPGAs: Accelerating the Design Process*, Elsevier/Newnes , 2005
2. J Bhasker, *A Verilog Primer*, Star Galaxy Publishing



Course Coordinator



HoD, ECE.



Anil Neerukonda Institute of Technology & Sciences (Autonomous)

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Sangivalasa-531 162, Bheemunipatnam Mandal, Visakhapatnam District

Phone: 08933-225083/84/87

Fax: 226395

Website: www.anits.edu.in

email: principal@anits.edu.in

DEPARTMENT OF ELECTRONICS AND COMMUNICATION

Following is the list of students Registered for the two week Value Added course titled “ FPGA based system design using VHDL”, conducted during 19-04-2021 to 30-04-2021.

Section A:

S.no	Adm.No	Name of the student
1	317126512001	ADDURI PRATYUSHA
2	317126512002	ALTI YESWANTH SAI
3	317126512003	BALLA NAGA BHARATHCHANDRA
4	317126512004	BANDARU SATYA PAVAN SUMANTH
5	317126512005	BHAVIRISETTY CHANDRA MANIKANTA
6	317126512006	BHOAVALLI KASI VINAY CHOWDARY
7	317126512007	BOINA BAVITHA
8	317126512008	BOLLA CHAITANYA
9	317126512009	BONGU ATCHYUTHA VENKATESWARA RAO
10	317126512010	BONU YOGANAND
11	317126512011	BURUGU LAKSHMI PRASANNAKUMAR
12	317126512012	CHINTA NAGA SAI KIRAN
13	317126512013	CHIRRA BABA SAI KUMAR
14	317126512014	D RAMYA
15	317126512015	DAMODARA VENKATA SAI KEERTHI
16	317126512016	DASARI NIHARIKA
17	317126512017	DODDI SRI LAKSHMANA HARIKA
18	317126512018	EADARADA YASWANTH RAJ
19	317126512019	GADE CHAITNAYA PRASAD
20	317126512020	GORREMUCHU DAVID ELIEZER
21	317126512021	GUDLA SAI GANESH
22	317126512022	JAYANTHI SAI PRAVEEN
23	317126512023	KADALI ABHIRAM
24	317126512024	KAKADA NAVEEN KUMAR
25	317126512025	KALLUBANTI HEPHZIBAH GRACE
26	317126512026	KEERTHI PRATHYUSHA KARRI
27	317126512027	KOLLI HULDAH MERLIN
28	317126512028	KONISI SAI VIKAS
29	317126512029	KORIBILLI PAVANI
30	317126512030	KORLAPATI SOWMYA SREE
31	317126512032	KURIMINELLI RAVI CHANDRA
32	317126512033	KURMANA ANISHA KEERTHI
33	317126512034	MADHURI DASARI
34	317126512035	MANDELA JAYA NAGENDRA SANDEEP

35	317126512036	MANTRI BALAJI
36	317126512037	MAVURU SUPREETHI
37	317126512038	S MEGHNA
38	317126512039	MUNAGALA SANKAR PAVAN KUMAR
39	317126512040	NADIPALLI CHANDRA SEKHAR
40	317126512041	NAGOTHI SUMITRANJALI
41	317126512042	NAKKA ARUNTEJA
42	317126512043	NALLA ADITYA SRI ARSHITH
43	317126512044	NIKKULA HEMANJALI
44	317126512045	OTTI SRILEKHA
45	317126512046	PATNALA VENKATA NAGA SRI HYMA
46	317126512047	POLAMARASETTY PRUDHVIRAJU
47	317126512048	REDDY NAVYA SAI
48	317126512049	RELANGI BALAJI KANAKA SAI KUMAR
49	317126512050	SAMUDRALA SATYANARAYANA MANOJ
50	317126512051	SAVIRIGANA LAKSHMANA RAO
51	317126512052	TALAGADADEEVI POOJA
52	317126512053	TALLAPUDI RAMYA
53	317126512054	UMMIREDDI BHARGAV
54	317126512055	VADDI VENKATA SAI SUMANTH
55	317126512056	VEERNI SUHRUTH
56	317126512057	VINUKONDA SARVARI
57	317126512058	VUDDAVOLU VARSHITH
58	317126512060	YARRARAPU MALATHI
59	318126512L01	KROVVIDI SIVARAMA PRAVEEN
60	318126512L03	PYLA SUDHAKAR
61	318126512L04	KARANAM PRAVALLIKA
62	318126512L05	CHILAKAMARRI S V S S UPENDRA
63	318126512L06	KUPPA NAGARI SAI DURGA CHARISMA PATNAIK
64	318126512L07	MOTURU HARITHA
65	318126512L08	RAAVI ABHISHEK
66	318126512L09	ANISETTY J V SAI TEJA
67	318126512L10	KAREDLA BINDU PRIYA
68	318126512L11	RAGHUPATRUNI SAROJA SNEHA
69	318126512L12	GODI VENKATA KASI VISWANATH

Section B:

S.NO	AdmnNo	StudentName
1	317126512061	ABOTHU PASYANTHI PADMA MALINI
2	317126512062	ALAMURU SURYA VENKATA RAMYA RAGHUVU
3	317126512063	ALLA DINESH
4	317126512064	ARNEPALLI SAI GOWTHAM
5	317126512066	BUSI VINAY KUMAR
6	317126512067	BENHAR KUMAR GORJI
7	317126512068	BONDA GIRIPRASAD
8	317126512069	BUDDA SRI HARSHA
9	317126512070	CHAPPA TIRUPATHI NAIDU
10	317126512071	CHELLINGI SATHYA VENKATA SAI
11	317126512072	CHOKKAKULA HEMASUNDAR
12	317126512073	DANNANA NARASIMHA RAIDU BABU
13	317126512074	DESALANKA SRI SATYA DHARMA TEJA paid 13,500
14	317126512075	GANGISETTI SHANMUKHA NAGA HARI PRIYA
15	317126512076	GODI ANUSHA
16	317126512077	GOLTHI BAPANAYYA HARISH
17	317126512078	GRANDHI RAMESH
18	317126512079	GULLIPALLI SANJAY BHARGAV
19	317126512080	INAPAGURTHI VENKATA SAI RAJ
20	317126512081	K SNEHA
21	317126512082	KAMAPANTULA GAYATRI SIRISHA
22	317126512083	KOLLA SAHITHI
23	317126512085	KONDADADI KAUSAL
24	317126512086	KORLA SAI KIRAN
25	317126512087	MADINA LAXMIPRIYA
26	317126512088	MUMMIDIVARAPU NAGA PUJITHA
27	317126512089	MARUVADA HIMAJA
28	317126512090	MEGHANA PUSAPATI
29	317126512091	MOLLETTI SATYA SAI DURGA PRASAD
30	317126512092	MORTHA ASHASUMITRA
31	317126512093	MOYYI ANUSHA
32	317126512094	NANNETI ROSHINI
33	317126512095	PANGI SWARNA LATHA
34	317126512096	PANTHO BANDYOPADHYAY
35	317126512097	PARUPUDI SRINIVAS TEJA
36	317126512098	PASALAPUDI SATYA LAKSHMI KRISHNA KANTH
37	317126512099	PATTAN ABDULLA KHAN
38	317126512100	PEELA PAVAN KUMAR
39	317126512101	PENTAKOTA MANJUSHA
40	317126512102	PERUGU SUHASINI


41	317126512103	PILLA KUSUMA KUMARI
42	317126512104	RAJAPU VINAY SAI
43	317126512106	RAVIPATI NAVYA
44	317126512107	SADANALA TANISHQ VENKATA SATYA SRI PAVAN
45	317126512108	SANAKA LOKESH
46	317126512109	SARAGADAM GANA VENKATESH
47	317126512110	SARIPALLI HRUTHIKA
48	317126512112	SOMANATHI SRINIVASA RAVI TEJA
49	317126512113	SUNKARA LAKSHMI NAGA SAMEERA
50	317126512114	SUNKARA SAI UJWALA
51	317126512115	THAMMINANA DHEERAJ KUMAR
52	317126512116	THOTA ABHIGNA
53	317126512117	UPPALAPATI SAI SRIKANTH
54	317126512118	VANJARAPU BHARATHI
55	317126512119	VENDRAPU SAI NIKHIL
56	317126512120	VISWANADHAPALLI LEELA SIVA JAGANNADHA RAJA
57	318126512L13	KEDARISSETTY AMRUTHA
58	318126512L14	CHITRADA SRUJANA
59	318126512L15	MADAKA BHARGAV SAI
60	318126512L16	CHUNCHU MOUNIKA
61	318126512L17	YALAMANCHILI V V SATYA AVINASH KUMAR
62	318126512L18	YALLA RENUKA
63	318126512L19	CHIKKALA VENKATA LAKSHMI
64	318126512L20	SHAIK SIRAJUDDIN
65	318126512L21	PAVULURU JASWANTH
66	318126512L22	GUBBALA LAVANYA
67	318126512L23	PEDIREDLA KAVYA
68	318126512L24	KOLLEPARA VIJAYA TEJ

Section C:

S.No	Reg.NO	Student Name
1	316126512168	S.SURYA SAI KIRAN
2	316126512081	KANDIVALASA ANURAG PRITHVI
3	316126512101	ONJE CHANDRA SEKHAR RAJU
4	316126512160	POLAMARASETTY MOSES DIVYA ROHIT
5	316126512199	GANDEM SRAVYA
6	317126512121	ANDRA SATYA SAI PRAVEEN
7	317126512122	BADIYA PAVAN KHAGESH
8	317126512123	BALABOLU SAI AKHILESH
9	317126512124	BARLA NIKHIL
10	317126512125	BEVARA GOVARDHAN
11	317126512126	BODA LAKSHMIKANTH
12	317126512127	BOOSA JNANA CHANDRA MEGHANA
13	317126512128	BORRA AAKASH
14	317126512129	BURAGA MADHU BABU
15	317126512130	CHOWDARI SANDEEPTHI
16	317126512131	DODDI VENUSREE
17	317126512132	GEDELA RAKESH
18	317126512133	GEMBALI SARVANI
19	317126512134	GOLLAPUDI MANOJ
20	317126512135	GUNUPURU VAMSI KRISHNA
21	317126512136	JAMPANA VENKATA LALITHADEVI
22	317126512137	JASTI MEHER PRANAV
23	317126512138	JUTTADA JAHNAVI SRAVYA
24	317126512139	KARANAM CHANDRA SUMANTH
25	317126512140	KONA VENKATA SAI HARISH KUMAR
26	317126512141	KOTA TARUN VENKAT SAI KUMAR
27	317126512142	KUNCHAM SURYA PAVAN
28	317126512143	LAKKIMSETTI SUMANTH
29	317126512144	MAJJI JAYAPRAKASH
30	317126512145	MALLUVALASA JOHN KUMAR
31	317126512146	MANGA SRIMANNARAYANASHIVA GANESHKARTHIKEYA
32	317126512147	MANYAM JAYASREEE
33	317126512148	MD TAJ NAWAZ
34	317126512149	MEDAPUREDDY KALYAN RAM
35	317126512150	MOHAMMAD ANSAR
36	317126512151	NAMMI SANTHOSHI SUNANDHA
37	317126512152	NARAMSETTY SANTHOSH KUMAR
38	317126512154	PALEPU ACHYUTH VARMA

39	317126512155	PASUMARTHI SREEPADA SHANMUK HRITHIK
40	317126512156	PILLA VENKATA SANDEEP MANIDHAR
41	317126512157	PITTA SONIA
42	317126512158	PODA SAI VAMSI DHEERAJ
43	317126512159	POTNURU PRAMOD
44	317126512160	POTNURU SANDHYA
45	317126512161	PIRIYA VAMSI
46	317126512162	PUKKALA PRAVEEN
47	317126512163	PULLA JYOTHI UMA PRAKASH
48	317126512164	R DEEPESH
49	317126512165	RUQAIYYA
50	317126512166	SAMIREDDY VENKATA VARAHA SAI PRADEEP
51	317126512167	SHAIK MAHABOOB SUBHANI
52	317126512168	SINGAMPALLI JITENDRA RAMANA MURTHY
53	317126512169	SIRAGAM YUVA RAJU
54	317126512170	SODADASI MANI SWAROOP
55	317126512171	SUNDRU SINDHURA
56	317126512172	SURA DIVYA
57	317126512173	VAJJA PAVANKALYAN
58	317126512174	VASUPALLI ROHIT
59	317126512175	VAVILAPALLI SAI ROSHINI
60	317126512176	VENKUMAHANATHI SIVA SAI PUNEETH
61	317126512177	VENNA PANKAJA PHANI
62	317126512178	VIPPILI CHARISHMA DEVI
63	317126512179	YESALAPU ARJUNA RAO
64	317126512180	YASHWANTH SURYA KANDREGULA
65	318126512L25	BOMMU LAKSHMANA SAI
66	318126512L26	CHALLA NARAYANA SWAMY
67	318126512L27	KANDREGULA ASHA SURYA SIRISHA
68	318126512L28	TEEDA INDU PRIYA
69	318126512L29	ALLADI NAGENDRA PRASAD
70	318126512L30	NARAYANA DHEERAJ
71	318126512L31	BONTHU MANI SHANKAR
72	318126512L32	KONDAPALLI LOKESH
73	318126512L33	PATHI MAHENDRA
74	318126512L34	TAMARAPALLI MEGHANA
75	318126512L35	YERRA BINDU SRILEKHA
76	318126512L36	I.SUSHMA


Coordinator:


HoD



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(Affiliated to AU, Approved by AICTE & Accredited by NBA (ECE,EEE,CSE,IT & Mech.) & NAAC)

Sangivalasa-531 162, Bheemunipatnam Mandal, Visakhapatnam District

Phone: 08933-225083/84/87

Fax: 226395

Website: www.anits.edu.in

email: principal@anits.edu.in

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

A REPORT

ON

A two week value added course

Name of the course : “FPGA based system design using VHDL”

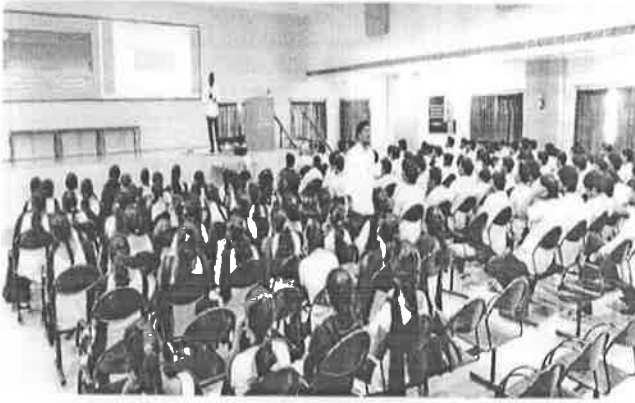
Duration : 19-04-2021 to 30-04-2021(30 hrs)

Name of the course coordinator : Dr. S. Srinivas, Associate Professor, Dept. of. ECE, ANITS

Participants : IV/IV B.Tech ECE students

Topics covered and Outcomes:

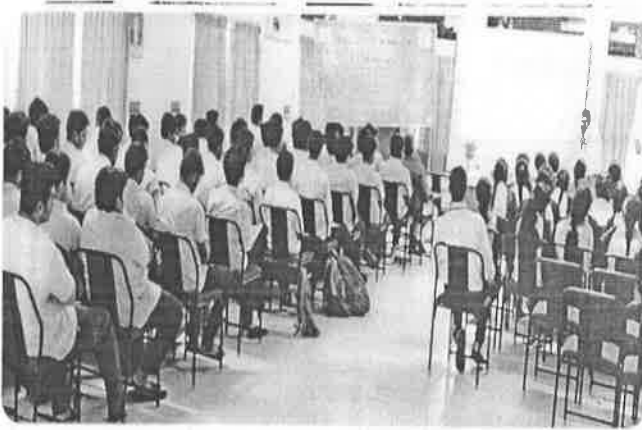
S.No	Date	Topics covered	No of students participated
1.	19/04/21	Introduction to Reconfigurable Computing Systems: Objectives, Expectations, Logistics.	209
2.	20/04/21	Characterization of Reconfigurable Computing & Reconfigurable Hardware, Reconfigurable Software	209
3.	21/04/21	Basic concepts of hardware description languages (VHDL, Verilog HDL), entity, architecture, configuration, package, package body.	209
4.	22/04/21	Logic and delay modeling, Structural, Data-flow and Behavioral styles of hardware description	209
5.	23/04/21	Arrays and attributes, Operators, expressions and signal assignments,	209
6.	24/04/21	Entities, architecture specification and configurations, Component instantiation, Concurrent and sequential constructs,	209
7.	25/04/21	Use of Procedures and functions, Synthesis of logic from hardware description.	209
8.	26/04/21	Types of Reconfiguration, Details study of FPGA, Design tradeoffs, Bidirectional wires and switches,	209
9.	27/04/21	FPGA Placement: Placement Algorithms, FPGA Routing, Timing Analysis,	209
10	28/04/21	Network Virtualization with FPGAs, On-chip Monitoring Infrastructures, Multi-FPGA System Software, Logic Emulation, Applications	209
11	29/04/22	High Level Compilation VLSI/FPGA Design for Wireless Communication Systems,	209
12	30/04/22	Reconfigurable Coprocessors, Power Reduction techniques A brief idea on SOC, SOPC, PSOC and FPGA.	209



Day 1: Introduction to Reconfigurable Computing Systems: Objectives, Expectations, Logistics.



Day 2: Characterization of Reconfigurable Computing & Reconfigurable Hardware, Reconfigurable Software.



Day 3: Basic concepts of hardware description languages (VHDL , Verilog HDL), entity, architecture, configuration, package, package body.



Day 4: Logic and delay modeling, Structural, Data-flow and Behavioral styles of hardware



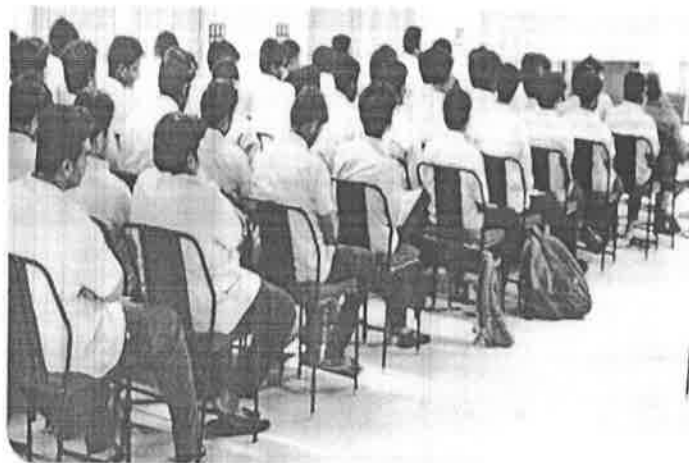
Day 5: Arrays and attributes, Operators, expressions and signal assignments,



Day 6: Entities, architecture specification and configurations, Component instantiation, Concurrent and sequential constructs,



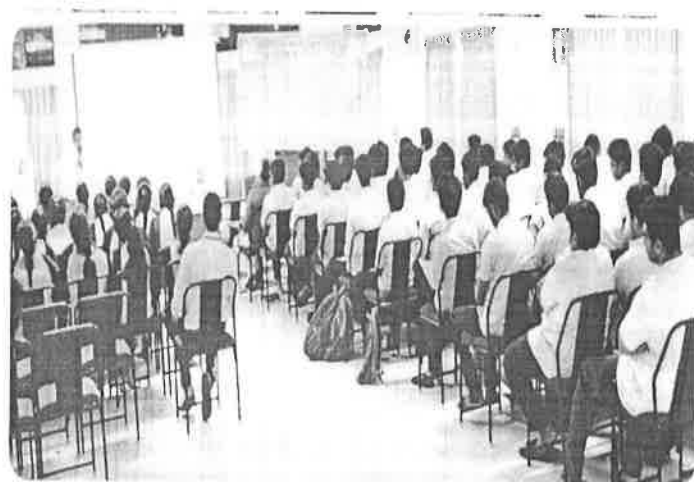
Day 7: Use of Procedures and functions, Synthesis of logic from hardware description.



Day 8: Types of Reconfiguration, Details study of FPGA, Design tradeoffs, Bidirectional wires and switches.



Day 9: FPGA Placement: Placement Algorithms, FPGA Routing, Timing Analysis,



Day 10: Network Virtualization with FPGAs, On-chip Monitoring Infrastructures, Multi-FPGA System Software. Logic Emulation. Applications



Day 11: High Level Compilation VLSI/FPGA Design for Wireless Communication Systems,



Day 11: Reconfigurable Coprocessors, Power Reduction techniques A brief idea on SOC, SOPC, PSOC and FPGA.,

Outcomes:

- **Gain comprehensive** knowledge of Reconfigurable Computing Systems
- **Familiarize** with the Basic concepts of hardware description languages
- **Acquire** knowledge of different VHDL programming constraints
- **Apply** the knowledge of Reconfigurable architectures like FPGAs in designing and implementing digital ICs
- **Perform** High Level Compilation VLSI/FPGA Design for different applications


Coordinator


HoD, ECE.



Anil Neerukonda Institute of Technology & Sciences (Autonomous)

(Affiliated to AU, Approved by AICTE & Accredited by NBA (ECE, EEE, CSE, IT & Mech.) & NAAC)

Sangivalasa-531 162, Bheemunipatnam Mandal, Visakhapatnam District

Phone: 08933-225083/84/87

Website: www.anits.edu.in

Fax: 226395

email: principal@anits.edu.in

Certificate of Course Completion

This to Certify that Ms


Roshini Menneti

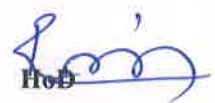
Has completed a two week value added course titled " FPGA based System Design Using V organized by the Department of Electronics and Communication Engineering, Anil Neer Institute of Technology and Sciences (ANITS), (Autonomous), Visakhapatnam, during 19th - 30th 2021

Coordinator, Dept of ECE

HOD, Dept of ECE

177	317126512156	A	A	A	A	A	A	A	A	A	A	A	A
178	317126512157	lonia	lonia	lonia	lonia	lonia	lonia	lonia	lonia	lonia	lonia	lonia	lonia
179	317126512158	A	A	A	A	A	A	A	A	A	A	A	A
180	317126512159	Pramp	Pramp	Pramp	Pramp	Pramp	Pramp	Pramp	Pramp	Pramp	Pramp	Pramp	Pramp
181	317126512160	Qau	Qau	Qau	Qau	Qau	Qau	Qau	Qau	Qau	Qau	Qau	Qau
182	317126512161	Vauit	Vauit	Vauit	Vauit	Vauit	Vauit	Vauit	Vauit	Vauit	Vauit	Vauit	Vauit
183	317126512162	PR	PR	PR	PR	PR	PR	PR	PR	PR	PR	PR	PR
184	317126512163	Uma	Uma	Uma	Uma	Uma	Uma	Uma	Uma	Uma	Uma	Uma	Uma
185	317126512164	R'Dep	R'Dep	R'Dep	R'Dep	R'Dep	R'Dep	R'Dep	R'Dep	R'Dep	R'Dep	R'Dep	R'Dep
186	317126512165	R'v	R'v	R'v	R'v	R'v	R'v	R'v	R'v	R'v	R'v	R'v	R'v
187	317126512166	Prade	Prade	Prade	Prade	Prade	Prade	Prade	Prade	Prade	Prade	Prade	Prade
188	317126512167	S'mst	S'mst	S'mst	S'mst	S'mst	S'mst	S'mst	S'mst	S'mst	S'mst	S'mst	S'mst
189	317126512168	Rama	Rama	Rama	Rama	Rama	Rama	Rama	Rama	Rama	Rama	Rama	Rama
190	317126512169	S'YR	S'YR	S'YR	S'YR	S'YR	S'YR	S'YR	S'YR	S'YR	S'YR	S'YR	S'YR
191	317126512170	S'uang	S'uang	S'uang	S'uang	S'uang	S'uang	S'uang	S'uang	S'uang	S'uang	S'uang	S'uang
192	317126512171	S'g	S'g	S'g	S'g	S'g	S'g	S'g	S'g	S'g	S'g	S'g	S'g
193	317126512172	S'Dip	S'Dip	S'Dip	S'Dip	S'Dip	S'Dip	S'Dip	S'Dip	S'Dip	S'Dip	S'Dip	S'Dip
194	317126512173	Raua	Raua	Raua	Raua	Raua	Raua	Raua	Raua	Raua	Raua	Raua	Raua
195	317126512174	Rohit	Rohit	Rohit	Rohit	Rohit	Rohit	Rohit	Rohit	Rohit	Rohit	Rohit	Rohit
196	317126512175	V'sR	V'sR	V'sR	V'sR	V'sR	V'sR	V'sR	V'sR	V'sR	V'sR	V'sR	V'sR
197	317126512176	Saip	Saip	Saip	Saip	Saip	Saip	Saip	Saip	Saip	Saip	Saip	Saip
198	317126512177	V'PH	V'PH	V'PH	V'PH	V'PH	V'PH	V'PH	V'PH	V'PH	V'PH	V'PH	V'PH
199	317126512178	Chait	Chait	Chait	Chait	Chait	Chait	Chait	Chait	Chait	Chait	Chait	Chait
200	317126512179	Kao	Kao	Kao	Kao	Kao	Kao	Kao	Kao	Kao	Kao	Kao	Kao
201	317126512180	Y'sun	Y'sun	Y'sun	Y'sun	Y'sun	Y'sun	Y'sun	Y'sun	Y'sun	Y'sun	Y'sun	Y'sun
202	318126512125	C'N	C'N	C'N	C'N	C'N	C'N	C'N	C'N	C'N	C'N	C'N	C'N
203	318126512126	Sai	Sai	Sai	Sai	Sai	Sai	Sai	Sai	Sai	Sai	Sai	Sai
204	318126512127	S'v	S'v	S'v	S'v	S'v	S'v	S'v	S'v	S'v	S'v	S'v	S'v
205	318126512128	T'FR	T'FR	T'FR	T'FR	T'FR	T'FR	T'FR	T'FR	T'FR	T'FR	T'FR	T'FR
206	318126512129	Hog	Hog	Hog	Hog	Hog	Hog	Hog	Hog	Hog	Hog	Hog	Hog
207	318126512130	Dhan	Dhan	Dhan	Dhan	Dhan	Dhan	Dhan	Dhan	Dhan	Dhan	Dhan	Dhan
208	318126512131	Mau	Mau	Mau	Mau	Mau	Mau	Mau	Mau	Mau	Mau	Mau	Mau
209	318126512132	K'lo	K'lo	K'lo	K'lo	K'lo	K'lo	K'lo	K'lo	K'lo	K'lo	K'lo	K'lo
210	318126512133	Qau	Qau	Qau	Qau	Qau	Qau	Qau	Qau	Qau	Qau	Qau	Qau
211	318126512134	Men	Men	Men	Men	Men	Men	Men	Men	Men	Men	Men	Men
212	318126512135	S'v	S'v	S'v	S'v	S'v	S'v	S'v	S'v	S'v	S'v	S'v	S'v
213	318126512136	I'sub	I'sub	I'sub	I'sub	I'sub	I'sub	I'sub	I'sub	I'sub	I'sub	I'sub	I'sub


Course Co-ordinator:


HOD



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Phone: 08933-225083/84/87

Fax: 226395

Website: www.anits.edu.in

email: principal@anits.edu.in

DEPARTMENT OF ELECTRONICS AND COMMUNICATION

CIRCULAR

Dt. 5/04/2021

This is to inform all the current III/IV B. Tech, ECE students that a short term course on “**IoT basics and Raspberry pi based system design**” is planned as below. All the students of III/IV ECE are requested to avail this. This course can be considered as Value Added Course further.

Course details are furnished along with.


HOD, ECE.

Head of the Department
Department of E C E
Anil Neerukonda Institute of Technology & Sciences
Sangivalasa - 531 162



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DEPARTMENT OF ELECTRONICS AND COMMUNICATION

A two week value added course

on

“IoT Basics and Raspberry pi based system design”
(19-04-2021 to 30-04-2021)

Course Coordinator : Dr. S. Srinivas, Associate Professor, Dept. of. ECE, ANITS

Course Instructor : Dr. S. Srinivas, Associate Professor, Dept. of. ECE, ANITS

Name of the course : Exploring Internet of Things

Prerequisites : Digital logic design, Microprocessors

Duration : 30 hrs

Course Objectives :

- Introduce how IoT has become a game changer in the new economy where the customers are looking for integrated value.
- Bring the IoT perspective in thinking and building solutions.
- Introduce the tools and techniques that enable IoT solution and Security aspects.

Course Outcomes :

By the end of the course student will be able to:

1	Describe internet of Things and its hardware and software components
2	Interpret Design Principles for connected devices
3	Interface I/O devices, sensors & communication modules
4	Remotely monitor data and control devices
5	Develop real life IoT based projects

Mapping of Course Outcomes with Program Outcomes & Program Specific Outcomes:

Course Outcome	PO												PSO			
	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	
CO	1	1	1	1												1
	2	1	1	1												1
	3	1	1	1												1
	4	1	1	1												1
	5	1	1	1												1

SYLLABUS

UNIT I	6 Periods
Overview of Internet of Things: Internet of Things, IoT Conceptual Framework, IoT Architectural view, Technology Behind IoT, Source of IoT, M2M communication, Examples of IoT	
UNIT II	6 Periods
Design Principles for connected devices Introduction, IoT/M2M systems layers and Design standardization, Communication technologies, Data enhancement, Data consolidation and Device management at Gateway, Ease of designing and affordability.	
UNIT III	6 Periods
Sensors, Participatory Sensing, RFIDs and Wireless Sensor Networks Introduction, Sensor technology, Participatory Sensing, Industrial IoT and Automotive IoT, Actuators, Sensor Data Communication Protocols, RFID technology, WSN Technology.	
UNIT IV	6 Periods
Introduction to the Raspberry Pi's Architecture and Setup : History and background of the Raspberry Pi, Basic hardware needed, The microSD card – the main storage and boot device of the Raspberry Pi 2, Installing Screen and Vim, Running tests on the OS and configuration changes	
UNIT V	6 periods
Programming and Prototyping the Raspberry pi for different applications.	

TEXT BOOKS

1. C. H. Roth, *Digital Systems Design Using VHDL*, Thomson Publications , 2002
2. Scott Hauck and Andre DeHon, *Reconfigurable Computing*, Morgan Kaufmann , 2008

REFERENCE BOOKS

1. R. C. Cofer and B. F. Harding, *Rapid System Prototyping with FPGAs: Accelerating the Design Process*, Elsevier/Newnes , 2005
2. J Bhasker, *A Verilog Primer*, Star Galaxy Publishing


Course Coordinator


HoD, ECE.



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email: principal@anits.edu.in

DEPARTMENT OF ELECTRONICS AND COMMUNICATION

Following is the list of students Registered for the two week Value Added course titled “IoT Basics and Raspberry pi based system design”, conducted during 19-04-2021 to 30-04-2021.

Section A:

S.NO	AdmnNo	StudentName
1	318126512001	ABDUL MANNAN ZAFEER
2	318126512002	ANKITHA VIDISHA HAMSA
3	318126512003	ANNAMDEVULA HARI SIVA GANESH
4	318126512004	ARASADA SRI RAGAMAYI
5	318126512005	BAGADI SAI SANTOSH
6	318126512006	BARATAM SANTHOSH KUMAR
7	318126512007	BARLA BHANU PRAKASH
8	318126512008	BODA HEMALATHA
9	318126512009	BODDU VENKATA GOWTHAMI PRIYA
10	318126512010	BOLLU BHARATH
11	318126512011	BORRA LOKESH
12	318126512012	BUDUMURU SAI SIVA HARSHA
13	318126512013	BULIPE HEPHZIBAH
14	318126512014	CHINTA SUVARCHALA
15	318126512015	CHINTADA MANI VIVEK SRI HARSHA
16	318126512016	DAMARASINGU VENKATA SAI KALYAN
17	318126512017	DANGETI DURGA SANDEEP
18	318126512018	GANTI MANIKANTA SARMA
19	318126512019	GOKEDA RAVANTH
20	318126512020	HAMSA MAHIMA
21	318126512021	HARI SOMA SUNDARA THUSHAR
22	318126512022	JAGALINKI SARAYU
23	318126512023	KANAMALA RANJITH KUMAR
24	318126512024	KEERTHI PRAMOD SIVA KUMAR BABU
25	318126512025	KOLA TEJESWARA RAO
26	318126512026	KOMMUKURI RAHUL BABU
27	318126512027	KOTAIAH CHOWDARY RAVURI
28	318126512028	KUNDETI TANUJ
29	318126512029	MALLURI GOWTHAM
30	318126512030	MANDARAPU SAI KRISHNA
31	318126512031	MATCHA MADHURI
32	318126512032	MOHOMMED WAHEED

33	318126512033	MURARI NEERAJ DATTATHREYA
34	318126512034	NAMMI TARUN KUMAR YADAV
35	318126512035	NITTA SATYA SAI CHARAN
36	318126512036	NOLLU LEELA VANKAT MADHAV
37	318126512037	PENTA VAISHNAVI
38	318126512038	PENTAKOTA MOHAN MANOJ
39	318126512039	PERELLA YAJNAVEER PHANI ESWAR
40	318126512040	PINNINTI JHANSI
41	318126512041	POLAMREDDY MADHUSUDHAN REDDY
42	318126512042	PRIYANKA GOLIVI
43	318126512043	RACHAGULLA PADMAPRIYA
44	318126512044	RAMISETTY NAGA SAI NIKHIL
45	318126512045	ROOP SAI SAKTHI KUMAR VALLU
46	318126512046	SALADI RAVI KUMAR
47	318126512047	SEEMALA SAI NITISH
48	318126512048	SHAIK HASSIREEN
49	318126512049	SHYAM DEEPAK KAMMILA
50	318126512050	SIRIGINEEDI RAKESH BABU
51	318126512051	SODADASI SAMUEL DAVID
52	318126512052	SOMASEKHAR DASARI
53	318126512053	SUREDDI BHARGAV
54	318126512054	VAISHNAVI LINGALA
55	318126512056	VANKALA TIRUPATHI RAO
56	318126512057	VENIGALLA SURYA BHAVANI
57	318126512058	VIPPALI MOULI SRI SAI
58	318126512059	VOONNA TIRUMALA RAO
59	318126512060	YARAMALA RAGHAVAREDDY
60	319126512L01	KROVVIDI RAJYALAKSHMI PRAVALLIKA
61	319126512L02	RUNKANA SUPRA DEEPIKA
62	319126512L03	TAMARANA DEVI
63	319126512L04	GUDISA PAVAN
64	319126512L05	DASARI ANJALI
65	319126512L06	GOLLAPALLI BHARGAVI

Section B:

S.NO	AdmnNo	StudentName
1	318126512061	ABBURI TRIVEDH SAI PRATAP
2	318126512062	AKSHAYA KILLI
3	318126512063	BADUGU SOWJANYA
4	318126512064	BAKI DHARMA TEJA
5	318126512065	BALIJEPALLI GOUTAMI
6	318126512066	BATTULA TARUN
7	318126512067	BEHARA VENKATA JYOTHI ASHRITHA
8	318126512068	BOGA PRAVALLIKA
9	318126512069	BOMMALI MOTHILAL
10	318126512071	DAMODARA SATYA SUSHMA
11	318126512072	DARA THIRUMALESH
12	318126512073	DEEPIKA MARADANA
13	318126512074	DODDI HARSHA VARDHAN
14	318126512075	DUGGIRALA DURGA HARSHITH CHOWDARY
15	318126512076	DWARAPUREDDY SATYA SAI KUMAR
16	318126512077	GANDEM SIRISHA
17	318126512078	GANTANA NISHKALA
18	318126512079	GODHALA VENKATA NAGARJUNA REDDY
19	318126512080	GOLLAPALLI PRISCILLA
20	318126512081	HARSHINI KANDULA
21	318126512082	KANAPARTHI KIRAN
22	318126512083	KARRI SINDHUJA
23	318126512084	KATAM RUMOSH ANANTH
24	318126512085	KOLLATI PAVANI
25	318126512086	KUDARI VENU
26	318126512087	M PRASANNA MANIKANTA SAI KIRAN
27	318126512088	MAKKA CHANDRA SEKHAR
28	318126512089	MALLAJYOSYOLA N Y S N MURTHY
29	318126512090	MARRI DEEPTHI CHINNI SWAROOPA
30	318126512091	NAGIREDLA SURAJ
31	318126512092	NARAYANA SWAMY MOKA
32	318126512093	P V S TEJA
33	318126512094	PILLA PAVAN KUMAR
34	318126512096	ROUTHU AASHA
35	318126512097	ROUTHU MOUNIKA
36	318126512098	SAI KIRAN PATRO
37	318126512099	SANAKA BALAJI
38	318126512100	SANDULA SRAVAN


39	318126512101	SANKU SAI NIKHIL
40	318126512102	SHAIK SHAHID
41	318126512103	SINGAMPALLI SAI RAHUL
42	318126512104	SREEVALLI SINGISETTI
43	318126512105	SUNKARI SUDHEER
44	318126512106	TAKASI KIRANMAYEE
45	318126512107	TALATHOTI SANNATH KUMAR
46	318126512108	TANGUDU AVINASH
47	318126512109	THOTA RAJESH
48	318126512110	UDARLA MAHESH
49	318126512111	UTKARSWH JAISWAL
50	318126512112	VAISHNAVI DARA
51	318126512113	VANJARAPU MADHURI
52	318126512114	VANKAYERNI KAMESWARI
53	318126512115	VANTAKULA SRAVANI
54	318126512116	VATHSALYA POLA
55	318126512117	VENKAT NAIDU GORLI
56	318126512118	VILLA VIDYA SRI SAI KIRAN
57	318126512119	YENDLURI JAYA CHARITHA
58	318126512120	YERRA PAVAN KUMAR
59	319126512L08	GANESH PAPPALA
60	319126512L09	CHEEKARAMELLI KARTHIK
61	319126512L10	UDIGALA MEGHANA
62	319126512L11	DHARMIREDDI SADHVIKA
63	319126512L12	CHELLABOYINA LALITHA DEVI

Section C:

S.NO	AdmnNo	StudentName
1	316126512093	MARADANA DILEEP KUMAR
2	316126512135	GOLAGANI CHAITANYA SAI
3	317126512031	KOTAPARTHI SRAVANI
4	317126512111	SHAIK KAJA MOHIDDIN
5	318126512122	AKANA SUNIL KUMAR
6	318126512123	AYENALA KAPIL VARDHAN
7	318126512124	BANDARU HARSHAVARDHAN
8	318126512125	BHARAT CHANDRA GARUDAPALLI
9	318126512126	BODEPU VINAY KUMAR
10	318126512127	CHADUVULA ROHIT
11	318126512128	CHAVAKULA SATYA SAI PHANI TRINADH
12	318126512129	CHUKKA SRAVANI
13	318126512130	DOKI SAI VEERENDRA
14	318126512131	DACHEPALLI ASHISH
15	318126512132	DEVARAPALLI ANIL KUMAR
16	318126512133	DODDI VISHNU VARDHAN
17	318126512134	DOOBA DURGA SAI PRASANTH
18	318126512135	DWARAPUDI VIJAY KUMAR
19	318126512136	GANTA AVINASH
20	318126512137	GOTTUMUKKALA JYOTHSNA
21	318126512138	GUDE RESHMA
22	318126512139	IPPILI HEMANTH
23	318126512140	JAMI ASRITHA
24	318126512141	JAMI UMA MAHESH
25	318126512142	JAVVADI BHAVANI
26	318126512143	KAMIREDDI JANANI
27	318126512144	KANCHARANA SAI CHAITANYA
28	318126512145	KARAPA ANIL KUMAR
29	318126512146	KARIMAJJI BHAVANA
30	318126512147	KARRI ROHIT
31	318126512148	KARRI TANOJ NAIDU
32	318126512149	KONA ANJINI ROHINI LAXMI
33	318126512150	LATCHIPATRUNI RAKESH
34	318126512151	LINGAMPALLI GOVARDHAN
35	318126512152	MADDALA DEEPSHIKA
36	318126512153	MADDILA SAI DURGA MANASA
37	318126512154	MALLEMOGGALA VENKATA SAIRAM
38	318126512155	MENTADA SAI PAVITHRA

39	318126512156	MUPPARTHY VIKRAM
40	318126512157	N VENKATA KRISHNA SAI VYAH RUTH
41	318126512158	NAKKA SIVA
42	318126512159	NALLA SAI SRINIVAS
43	318126512160	NARASIMHA NAGA SATYA VENKATA AYYAPPA KOUSH
44	318126512161	NIDADAVOLU PUJITHA VAIDYA
45	318126512162	NUKA GAYATHRI
46	318126512163	P S SREEKAR KARTHIK
47	318126512164	PENTAKOTA HEMANTH KUMAR
48	318126512165	PENUMAKA JOY GRACE
49	318126512166	PERUMALLA SAI CHARAN
50	318126512167	POTHINA YASHWANTH
51	318126512168	PUNUMAJJI VINAY MOULI
52	318126512169	SABBISSETTI GANESH
53	318126512170	SABBISSETTI VENKATESH
54	318126512171	SHAIK MOHAMMAD SALMAN
55	318126512172	SIMMA NARENDRA
56	318126512173	SONTHYANA HARI NADH
57	318126512174	SUGGU PAVAN KUMAR
58	318126512175	SUNKARA SAI VENKATESH
59	318126512176	URLAM HARSHA VARDHAN
60	318126512177	VAMSI GODDU
61	318126512178	VEMPALA PURNA SATYA SRINIVAS
62	318126512179	Y JYOTHI SARVENDRA KUMAR
63	318126512180	YOGESH SAI RAM PENTAKOTA
64	319126512L13	MOHAMMED CHAND
65	319126512L14	DEEPTHI DUNGALA
66	319126512L15	INUMARTHI MANOJ
67	319126512L16	ADIGOPULA DEVAKALYAN
68	319126512L17	MUPPIDI LALITHA


Coordinator:


HoD

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

A REPORT

ON

A two week value added course

Name of the course : “IoT BASICS AND RASPBERRY PI BASED SYSTEM DESIGN ”

Name of the course instructor : Dr. S. Srinivas, Associate Professor, Dept. of. ECE, ANITS

Duration : 19-04-2021 to 30-04-2021(30 hrs)

Participants : III/IV B.Tech ECE students

No. of Participants : 196

Details of topics covered:

Monday 19/04/2021

No. of Participants: 196

The basic idea behind IoT was discussed. The students got familiarized with IoT Conceptual Framework with some realtime examples.

Outcome: The students are expected to illustrate working of an IoT system. This shows clear understanding of the systems and application of their knowledge of science. It helps in doing projects in IoT that boost their **technical skills** and **employment opportunities** in the domain.

Tuesday 20/04/2021

The core Architectural view was discussed taking the examples of CISCO, IBM and ORACLE. It was



also dealt about the technology Behind IoT, different Sources of IoT and M2M communication with some realtime examples.

Outcome: The students are expected to illustrate working of an IoT system. This shows clear understanding of the systems and application of their knowledge of science. It helps in doing projects in IoT that boost their **technical skills** and **employment opportunities** in the domain.

Wednesday 21/04/21

No. of Participants: 196

Design Principles for connected devices was the topic of the day.

IoT/M2M systems layers were discussed. Different Design standardization were being studied in detail,



Outcome:The students are expected to **Apply** Different principles of designing an IoT systems. Students are expected to solve the complex problems. It helps in doing projects in IoT that boost their **technical skills** and **employment opportunities** in the domain.

22/04/21

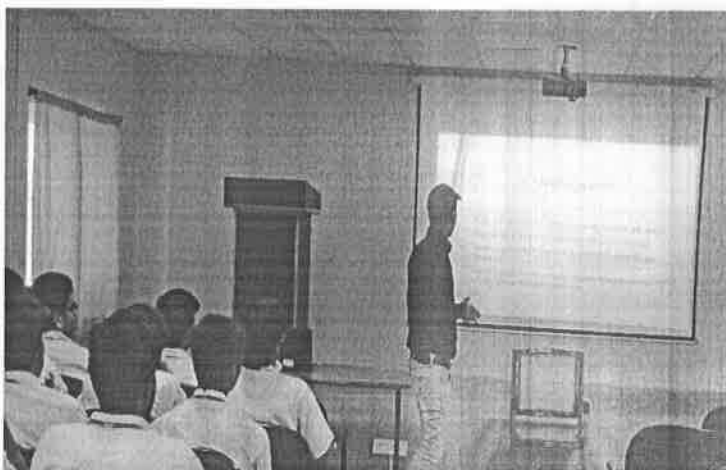
No. of Participants: 196

Communication technologies both wired and wireless were discussed. A wealthy set of technologies like bluetooth, NFC, RFID, Zigbee, Wifi, LPWAN, WAN, LAN etc.. were studied effectively.

Outcome:The students are expected to **Apply** Different principles of designing an IoT systems. Students are expected to solve the complex problems. It helps in doing projects in IoT that boost their **technical skills** and **employment opportunities** in the domain.

23/04/21

No. of Participants: 196



Detailed discussion on Data enhancement, Data consolidation were carried out.

Outcome:The students are expected to **Apply** Different principles of designing an IoT systems. Students are expected to solve the complex problems. It helps in doing projects in IoT that boost their **technical skills** and **employment**

opportunities in the domain.

24/04/21

No. of Participants: 196

The Device management at Gateway was understood by the detailed study of technology behind that. It was further discussed how to Ease the IoT designing at an affordable cost.



Outcome:The students are expected to **Apply** Different principles of designing an IoT systems. Students are expected to solve the complex problems. It helps in doing projects in IoT that boost their **technical skills** and **employment opportunities** in the domain.

25/04/21

No. of Participants: 196

Topics Covered:

Sensors, Participatory Sensing, RFIDs and Wireless Sensor Networks

Introduction, Sensor technology, Participatory Sensing, Industrial IoT and Automotive IoT,

Outcome:



The students are expected to **analyze** different sensors and **Apply** them for different monitoring controlling and alerting systems. It helps in doing projects in IoT that boost their **technical skills** and **employment opportunities** in the domain.

26/04/21

No. of Participants: 196

Topics Covered:

Actuators, Sensor Data Communication Protocols, RFID technology, WSN Technology.

Outcome:

The students are expected to **analyze** different sensors and **Apply** them for different monitoring controlling and alerting systems. It helps in doing projects in IoT that boost their **technical skills** and **employment opportunities** in the domain.

27/04/21

No. of Participants: 196

Topics Covered:



Introduction to the Raspberry Pi's Architecture and Setup :

History and background of the Raspberry Pi, Basic hardware needed, The microSD card – the main storage and boot device of the Raspberry Pi 2,

Outcome:

Students got familiarized with raspberry pi board and able to work with it.

28/04/21

No. of Participants: 196

Topics Covered:



The microSD card – the main storage and boot device of the Raspberry Pi 2, Installing Screen and Vim, Running tests on the OS and configuration changes.

Outcome:

Students got familiarized with raspberry pi board and able to work with it.

29/04/21

No of participants: 196

Topics Covered:

Programming and prototyping with Raspberry pi for realtime applications:

A hands on Session was carried out to make the students to be well equipped with practical IoT system Designing using Raspebrry pi.

Outcome:

Students were able to design the IoT applications using Raspberry pi 3b +

30/04/21

No of participants: 196

Topics Covered:

A hands on Session was carried out to make the students to be well equipped with practical IoT system Designing using Raspebrry pi. In this session, the interfacing and control of different peripherals like

LED, DHT sensors and Relays has been taught to students. The Practical way of dealing the real time problems was the major take away from this session.

Outcome:

Students were able to design the IoT applications using Raspberry pi 3b +

Conclusions:

The two week value added course on “IoT BASICS AND RASPBERRY BASED SYSTEM DESIGN” conducted during 19-04-2021 to 30-04-2021(30 hrs) by the department of ECE. This course created an opportunity for the students to acquire knowledge of hardware and software components related to IoT and apply the knowledge to Interface I/O devices, sensors & communication modules. This course facilitated the students to develop real life IoT based projects. Around 196 students participated in this course.


Course coordinator:


HOD, ECE



Anil Neerukonda Institute of Technology & Sciences (Autonomous)

(Affiliated to AU, Approved by AICTE & Accredited by NBA (ECE, EHE, CSE, IT & Mech.) & NAAC)

Sangivalasa-531 162, Bheemunipatnam Mandal, Visakhapatnam District

Phone: 08933-225083/84/87

Website: www.anits.edu.in

Fax: 226395
email: principal@anits.edu.in

Certificate of Course Completion

This to Certify that Ms

Harshini Kandula

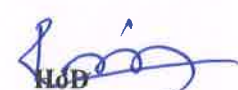
Has completed a two week value added course titled "IoT BASICS AND RASPBERRY PI BASED S DESIGN", organized by the Department of Electronics and Communication Engineering Neerukonda Institute of Technology and Sciences (ANITS), (Autonomous), Visakhapatnam, 19th -30th April 2021

Coordinator, Dept of ECE

HOD, Dept of ECE

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180	318126512169	S.Gau	S.Gau	S.Gau	S.Gau	S.Gau	S.Gau	S.Gau	S.Gau	S.Gau	S.Gau	S.Gau	S.Gau	S.Gau
181	318126512170	St	St	St	St	St	St	St	St	St	St	St	St	St
182	318126512171	Salau	Salau	Salau	Salau	Salau	Salau	Salau	Salau	Salau	Salau	Salau	Salau	Salau
183	318126512172	Saffari	Saffari	Saffari	Saffari	Saffari	Saffari	Saffari	Saffari	Saffari	Saffari	Saffari	Saffari	Saffari
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187	318126512176	Hare	Hare	Hare	Hare	Hare	Hare	Hare	Hare	Hare	Hare	Hare	Hare	Hare
188	318126512177	G.Vani	G.Vani	G.Vani	G.Vani	G.Vani	G.Vani	G.Vani	G.Vani	G.Vani	G.Vani	G.Vani	G.Vani	G.Vani
189	318126512178	V.Sini	V.Sini	V.Sini	V.Sini	V.Sini	V.Sini	V.Sini	V.Sini	V.Sini	V.Sini	V.Sini	V.Sini	V.Sini
190	318126512179	Keema	Keema	Keema	Keema	Keema	Keema	Keema	Keema	Keema	Keema	Keema	Keema	Keema
191	318126512180	P.Yoh	P.Yoh	P.Yoh	P.Yoh	P.Yoh	P.Yoh	P.Yoh	P.Yoh	P.Yoh	P.Yoh	P.Yoh	P.Yoh	P.Yoh
192	319126512113	Mohu	Mohu	Mohu	Mohu	Mohu	Mohu	Mohu	Mohu	Mohu	Mohu	Mohu	Mohu	Mohu
193	319126512114	Deethi	Deethi	Deethi	Deethi	Deethi	Deethi	Deethi	Deethi	Deethi	Deethi	Deethi	Deethi	Deethi
194	319126512115	Jau	Jau	Jau	Jau	Jau	Jau	Jau	Jau	Jau	Jau	Jau	Jau	Jau
195	319126512116	A.Kalya	A.Kalya	A.Kalya	A.Kalya	A.Kalya	A.Kalya	A.Kalya	A.Kalya	A.Kalya	A.Kalya	A.Kalya	A.Kalya	A.Kalya
196	319126512117	Lalitha	Lalitha	Lalitha	Lalitha	Lalitha	Lalitha	Lalitha	Lalitha	Lalitha	Lalitha	Lalitha	Lalitha	Lalitha


Course Co-ordinator:


HOD



ANIL NEERUKONDA INSTITUTE OF TECHNOLOGY & SCIENCES
(UGC AUTONOMOUS)

(Affiliated to AU, Approved by AICTE & Accredited by NBA & NAAC with 'A' Grade)
Sangivalasa 531 162, BhccmunipatnamMandal, Visakhapatnam Dist

DEPARTMENT OF CHEMICAL ENGINEERING

Date: 15-04-2021

DEPARTMENT CIRCULAR

All the II/IV B. Tech. students of Chemical Engineering are hereby informed to attend the Value-added course on "Application of Excel to solve engineering problems" during 19-04-2021 to 24-04-2021 conducted by Dr. K. China Malakondaiah, Assistant Professor of our Department at Computer laboratory, Chemical Engineering department. The schedule for the value added course is as follows:

Date & Day	Topic
19-04-2021 (Monday)	Introduction to excel, working with cells, data formatting
20-04-2021 (Tuesday)	Basic formulas and functions
21-04-2021 (Wednesday)	Charts and plots
22-04-2021 (Thursday)	Data analyzing - part - 1
23-04-2021 (Friday)	Data analyzing - part - 2
24-04-2021 (Saturday)	Excel dashboard

Ch Anil 15/4/21
Dr. Ch. Anil

HoD

Chemical Engineering

HEAD,
DEPARTMENT OF CHEMICAL
ENGINEERING

VALUE ADDED COURSE

on

Application of Excel to
solve engineering problems

19th - 24th April, 2021

Organized by



Department of Chemical Engineering
&
ANITS - IICHE Student Chapter of
Indian Institute of Chemical Engineers
Waltair Regional Centre

Anil Neerukonda Institute of Technology and
Sciences (A)
Sangivalasa - 531162
Visakhapatnam Dist, A.P.

ABOUT THE VALUE ADDED COURSE:

Excel is a spreadsheet that works like a database. It consists of individual cells that can be used to build functions, formulas, tables, and graphs that easily organize and analyze large amounts of information and data. Excel is organized into rows (represented by numbers) and columns (represented by letters) that contain your information. This format allows you to present large amounts of information and data in a concise and easy to follow format.

This course on Excel will make you learn how to use sorting and filtering tools to reorganize your data and access specific information about your data. Finally, you will learn how to create PivotTables to summarize and look at comparisons within your data. These skills will help you efficiently perform data analysis on many different types of data and give you the foundation to expand your toolbox as you explore other strategies for data analysis.

Course outcomes:

- The student will be able to
- 1) Create simple formulas in an Excel spreadsheet to analyze data.
 - 2) Solve Chemical Engineering problems

Course Modules: (09:00 AM to 04:30 PM)

- Day 1: Introduction to excel, working with cells, data formatting
- Day 2: Basic formulas and functions
- Day 3: Charts and plots
- Day 4: Data analyzing - part - 1
- Day 5: Data analyzing - part - 2
- Day 6: Excel dashboard

Schedule:

- Session 1: 09:00 AM to 10:30 AM
- Session 2: 10:45 AM to 12:15 PM
- Session 3: 01:00 PM to 02:30 PM
- Session 4: 02:45 PM to 04:15 PM

Resource Persons:

Dr. K. China Malakondaiah
Prof. R. Srikanth
Dr. Ch. Anil
Dept. of Chemical Engineering, ANITS

Coordinator:

Dr. K. China Malakondaiah
Dept. of Chemical Engineering, ANITS
Mobile No.: 9440437431
Email: kaniganti.che@anits.edu.in

Convenor:

Dr. Ch. Anil, HoD, ChE, ANITS

ANIL NEERUKONDA INSTITUTE OF TECHNOLOGY & SCIENCES



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Sangivalasa 531 162, Bheemunipatnam Mandal, Visakhapatnam Dist

DEPARTMENT OF CHEMICAL ENGINEERING

**Report on
Value added course on**

“Application of Excel to solve engineering problems”

The Department of Chemical Engineering, ANITS, Visakhapatnam, in association with ANITS IICHe Students chapter under Waltair Regional Centre organized a Value-added course on, “Application of Excel to solve engineering problems”, during 19-04-2021 to 24-04-2021. The resource persons were Dr. K. China Malakondaiah, Prof. R. Srikanth and Dr. Ch. Anil of Department of Chemical Engineering, ANITS. They have explained the basics of excel, using formulas and functions in excel, charting and plotting and data analysis. A total of 46 students attended and benefited from the course.

Ch. Anil 26/4/21
Dr.Ch. Anil

(HOD)

DEPARTMENT OF CHEMICAL
ENGINEERING

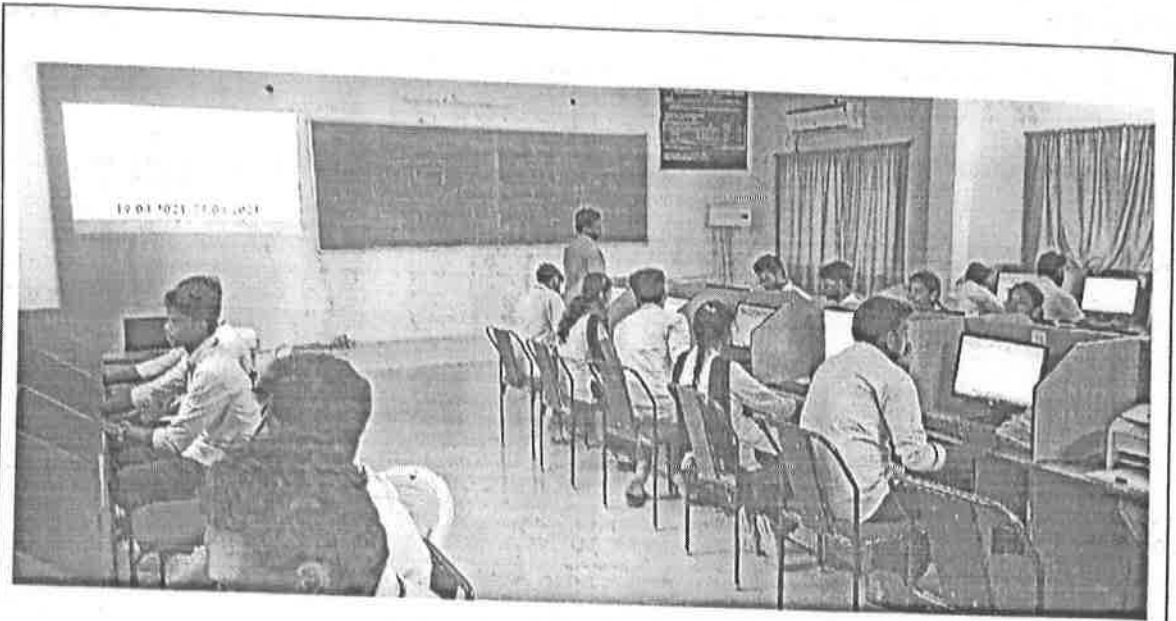


Figure 1: 2 week value added course on excel

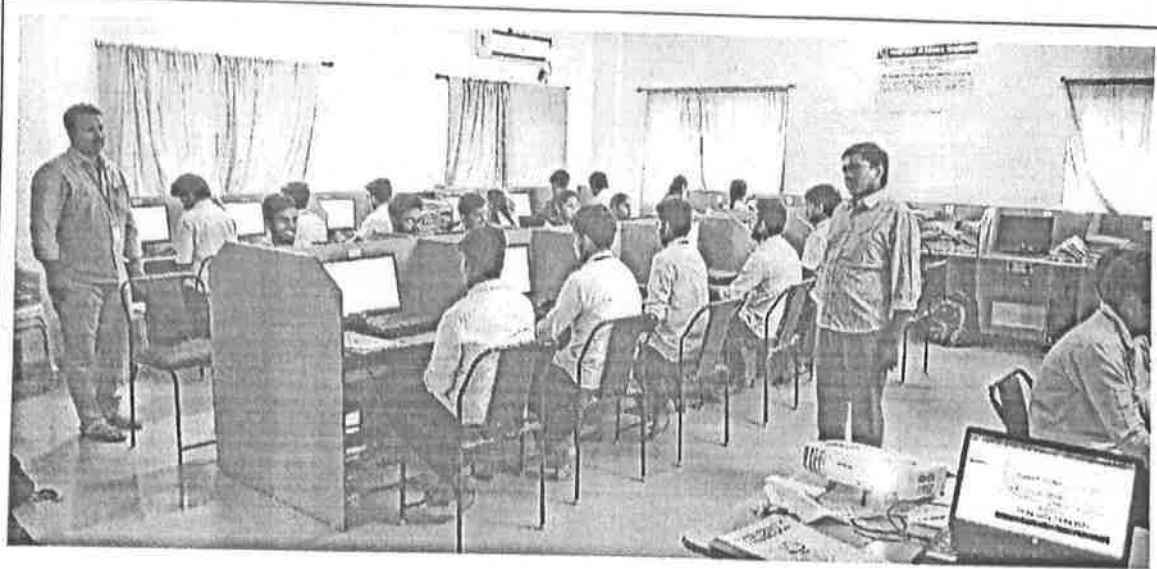


Figure 2: Students exercising on excel

Dr. Ch. Anil 26/4/21

Dr.Ch. Anil

(HOD)

HEAD,
DEPARTMENT OF CHEMICAL
ENGINEERING

33	320126502L12	M. Sai Roshith	M. Sai Roshith	M. Sai Roshith	M. Sai Roshith	M. Sai Roshith	M. Sai Roshith
34	320126502L13	D. Shalesh		D. Shalesh	D. Shalesh	D. Shalesh	
35	320126502L14	B. Navane	B. Navane	B. Navane	B. Navane	B. Navane	B. Navane
36	320126502L15	P. Chanduika	P. Chanduika	P. Chanduika	P. Chanduika	P. Chanduika	P. Chanduika
37	320126502L16						
38	320126502L17	T. Ajay Kumar	T. Ajay Kumar	T. Ajay Kumar	T. Ajay Kumar	T. Ajay Kumar	T. Ajay Kumar
39	320126502L18	R. S. S.	R. S. S.		R. S. S.	R. S. S.	R. S. S.
40	320126502L19	M. Ashwin R.	M. Ashwin R.	M. Ashwin R.	M. Ashwin R.	M. Ashwin R.	M. Ashwin R.
41	320126502L20	V. Sravani	V. Sravani	V. Sravani	V. Sravani	V. Sravani	V. Sravani
42	320126502L21	K. Lovaraja	K. Lovaraja	K. Lovaraja	K. Lovaraja	K. Lovaraja	K. Lovaraja
43	320126502L22	K. Praneetha	K. Praneetha	K. Praneetha	K. Praneetha	K. Praneetha	K. Praneetha
44	320126502L23	S. M. S.	S. M. S.	S. M. S.	S. M. S.	S. M. S.	S. M. S.
45	320126502L24	S. M. S.	S. M. S.	S. M. S.	S. M. S.	S. M. S.	S. M. S.
46	320126502L25	Y. Ramkrishna	Y. Ramkrishna	Y. Ramkrishna	Y. Ramkrishna	Y. Ramkrishna	Y. Ramkrishna
47	320126502L26	S. S.	S. S.	S. S.	S. S.		
48	320126502L27	G. S. S.	G. S. S.	G. S. S.	G. S. S.	G. S. S.	G. S. S.
49	320126502L28	Y. V. K. Akhila	Y. V. K. Akhila	Y. V. K. Akhila	Y. V. K. Akhila	Y. V. K. Akhila	Y. V. K. Akhila
50	320126502L29						
51	320126502L30						
52	320126502L31						
53	320126502L32						
54	320126502L33	B. S. S.	B. S. S.	B. S. S.	B. S. S.	B. S. S.	B. S. S.
55	320126502L34	A. Vani	A. Vani	A. Vani	A. Vani	A. Vani	A. Vani
56	320126502L35	B. S. S.	B. S. S.	B. S. S.	B. S. S.	B. S. S.	B. S. S.
57	320126502L36						

K. Ch. Madhava
Faculty Coordinators

Ch. Anil
HoD
HEAD,
DEPARTMENT OF CHEMICAL
ENGINEERING



ANIL NEERUKONDA INSTITUTE OF TECHNOLOGY & SCIENCES
(AUTONOMOUS)
Sangivalasa - 531162, Bheemunipatnam Mandal, Visakhapatnam Dist.
DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGINEERING

Date: 03-04-2021

5

Circular

Dear students this is to inform you that for all 2/4 EEE students there will be a value-added course conducting on "Pspice Of Electrical Circuits" from April 5th to April 9th at simulation lab, E.E.E Dept. In this regard, class work is cancelled during these days. So, all the 2/4 EEE students are requested to attend without fail. Attendance is mandatory.

Copy to

- The principal
- Heads of all the departments

HOD, EEE

Overview

This One-Week Value-Added Course able to Develop a program for an electrical circuit and Analyse the response of DC circuits.

Course Description

PSPICE – Personal Simulation Program with Integrated Circuit Emphasis. Electric circuit analysis is essential for designing all these systems. Electric circuit analysis is a foundation for all hardware courses taken by students in electrical engineering

Course objectives:

- Familiarize yourself with PSPICE simulation software environment.
- Obtain confidence in performing DC and AC circuit simulation.

Course Content

- Day1: Getting started with PSpice
- Day 2: Introduction to PSPICE
- Day 3: Syntax for electrical elements
- Day 4: Develop a program for an electrical circuit
- Day 5: Analyse the response of DC circuits
- Day 6: Perform network theorems

Organizing Committee

Chief patron

J. Bharath Reddy CEO, ANES

Patron

Prof. T. V. Hanumantha Rao, Principal

Convener

Dr. G. Raja Rao
Professor & Head-Electrical and Electronics Engineering

Faculty Coordinator

Mr. M. Sudheerkumar, Assistant Professor

Faculty Members:

1. Mr. L. Vijay, Assistant Professor
2. Mr. S. J. V. Prakash, Assistant Professor
3. Mrs. K. Lavanya, Assistant Professor
4. Dr. Ch. V. N. Raja, Assistant Professor



DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

(Accredited by NBA and NAAC)

Anil Neerukonda Institute of Technology and Sciences (Autonomous)

Sangivalasa-531162

, Bheemunipatnam Mandal Visakhapatnam District,
Andhra Pradesh

A ONE-WEEK VALUE ADDED COURSE

On

PSPICE OF CIRCUIT ANALYSIS

April 5th - April 9th 2021

Convener

Dr. G. Raja Rao

Professor & Head- Electrical and Electronics Engineering

Expert Speaker

Mr. N. KIRAN

Assistant Professor

Department of Electrical And Electronics Engineering ANITS

Visakhapatnam

ANIL NEERUKONDA INSTITUTE OF TECHNOLOGY & SCIENCES

Class/Section: BTECH-EEE [IV/IV-A]

S.No.	Roll No.	Name of the Student	Signature
1	319126514001	AKUNURI DINESH	A. Dinegh
2	319126514002	ANAND KOMBATHULA	K. Anand
3	319126514003	ANDAVARAPU SUKANTH	Sukanth
4	319126514004	ANNAM NAVYA SREE	A. Navya Sree
5	319126514005	APPALABATHULA GNANESWARI	
6	319126514006	BALIVADA JASWANTH	B. Jaswanth
7	319126514007	BALLI JEEVAN KUMAR	B. Jeevan Kumar
8	319126514008	BARLA HIMABHARATHI	B. Hima Bharathi
9	319126514009	BETHAPUDI JACKS PAUL	B. Jacks Paul
10	319126514010	BODDURU SAI KUMAR	B. Sai Kumar
11	319126514011	BOPPADAPU DIVYA	B. Divya
12	319126514012	CHINTA SASI	C. Sasi
13	319126514014	DUBBA SAI JAGADEESWARA RAO	D. Sai
14	319126514015	DUDHIPALLI HARSHAVARDHAN	
15	319126514016	DUMPA HOMALI	D. Homali
16	319126514017	DWARAPUREDDY REVATHI	D. Revathi
17	319126514018	GANDAVARAPU SIVA	G. Siva
18	319126514019	JAGILINKI NYLU	J. Nyli
19	319126514020	KANDI UMA MAHESWARA RAO	K. Uma
20	319126514021	KARRI HEMA SAI	K. Hema Sai
21	319126514022	KARRI ROHIT VARMA	K. Rohit Varma
22	319126514023	KATYAYANI BALLA	B. Katyayani
23	319126514024	KORADA VENKATA SAI	Korada. V. Sai
24	319126514025	LANKALAPALLI RAVI KUMAR	Ravi Kumar
25	319126514026	LANKAVALASA JAYARAM KASINADH	L. Jayaram Kasinadh
26	319126514027	LOKESH GOTTAPU	G. Lokesh
27	319126514028	MAJJI JAYASRI	M. Jayasri
28	319126514029	MALLEBOYINA VENKATA BALAJI	M. Venkata Balaji
29	319126514030	MARICLARLA LAHARI	M. Lahari
30	319126514031	RAJU	M. Varun Kumar
31	319126514032	MOKKA PRAVALLIKA SRIJA	M. Saija
32	319126514033	NAGA DURGA BHAVANI	N. Durga
33	319126514034	NAYUDU RITHIKA	N. Rithika
34	319126514035	NOOKA RAJASEKHAR	
35	319126514036	PAIDI SHIVAJEE	P. Shivajee
36	319126514037	PENKI RAHUL KUMAR	P. Rahul Kumar
37	319126514038	PHANIKUMAR UMMIDI	U. Phani
38	319126514039	POLA VENKATESH	P. Venkatesh
39	319126514040	POLAKI RAVI KUMAR	P. Ravi Kumar
40	319126514041	PONNAGANTI SIVA RAMESH KUMAR	P. S. Ramesh Kumar
41	319126514042	RONGALI HARI KISHORE	R. Hari Kishore
42	319126514043	SAMALA AVINASH	S. Avinash
43	319126514044	SARIPALLI AKHIL	S. Akhil
44	319126514045	SAVU ARUN	S. Arun
45	319126514046	TIRRI GUNA PRASANTH	
46	319126514047	TURPATI NISHANTH	T. Nishanth

47	319126514048	VELAGA SRINIVASA RAO	V. Srinivas
48	319126514049	VEMURU SWATHI	V. Swathi
49	319126514050	VUYYURU PRIYANKA REDDY	V. Priyanka Reddy.
50	319126514051	YAVVARI PRANEET	Praneet
51	319126514052	YEDDULA NAVEEN KUMAR REDDY	Naveen
52	320126514L01	NETTIMI PRAVALLIKA	N. Pravallika
53	320126514L02	CHINTAPALLI YOHITHA	Ch. Yohitha
54	320126514L03	SHAIK IRFAN	SK. Irfan
55	320126514L04	MANEPALLI TARUN SIVA PRASAD	M. Tarun Prasad
56	320126514L05	GODI SUMANTH	G. Sumanth
57	320126514L06	KADARI ESHITHA	K. Eshitha
58	320126514L07	PEDAMATLA GEETHA	P. Geetha
59	320126514L08	BALIVADA TIRUMALA SAI	B. Tirumalasa;
60	320126514L09	ALLU PRIYANKA	A. Priyanka
61	320126514L10	VOOTADA PRAGYNA	

Class/Section: BTECH-EEE [IV/IV-B]

S.No.	Roll No.	Name of the Student	Signature
1	319126514053	ANNAPAREDDY HARI VIGNESH	A. Hari
2	319126514055	BANTUBILLI VIJAY KUMAR	B. Vijay Kumar
3	319126514056	BOGANA BALA RAMA	Balabama
4	319126514057	CHALLA TEJA VENKATA SAI DURGA PRASAD	
5	319126514058	CHINTAGUNTI HARSHA VARDHAN	Ch. Harsha
6	319126514059	CHITRADA LAHARI SRIYA	Ch. Lahari Sriya
7	319126514060	GANDRATI CHARISHMA	Charishma
8	319126514061	GANJI PRAVEEN	Praveen
9	319126514062	HAMANDU DIVYA SAHITHI	H. Divya Sahithi
10	319126514063	JEEVAN SAI BADANA	
11	319126514064	JONNAPALLI SAI BHASKAR	
12	319126514065	KALAGA SAI	K. Sai
13	319126514066	KALLA SAI KUMAR	K. Sai Kumar
14	319126514067	KARATAM MOUNIKA	Mounika
15	319126514069	KOTLA BHASKAR PAVAN KUMAR	P. Bhaskar Pavan Kumar
16	319126514070	KOTTAPALLI CHITTIRAJA ACHARI	K. Chittiraja Achari
17	319126514071	KUDETI GIRIDHAR	K. Giridhar
18	319126514072	KUNDRAPU CHANDU	Chandu
19	319126514073	LENKA BHARATHI	Bharathi
20	319126514074	MAHANTHI DHARMA SASTRA NAIDU	
21	319126514075	MANOHAR SURAGALA	M. Suragala
22	319126514076	NADITHOKA KAMESWARA RAO	N. Kameswara Rao
23	319126514077	NALAMATI OM SAI VIJAYESH	N. O. S. Vijayesh
24	319126514078	NALLANA SASIKANTH CHOWDHARY	N. Sasi Kanth
25	319126514079	PADALA DIVYA PRAVALIKA	Divya
26	319126514080	PADDA HEMANTH	P. Hemanth
27	319126514081	PALATERU RENEETH	Reneth
28	319126514082	PAMU YASWANTH	Yaswanth
29	319126514083	PENTA YUVA KISHORE	P. Yuva Kishore
30	319126514084	PONNADA MOHAN	P. Mohan
31	319126514085	REGIDI PREM KUMAR	R. Prem Kumar
32	319126514086	SANAPALA HARSHA VARDHAN	
33	319126514087	SANKILI SARA EVANGELNI	S. Sara Evangelni
34	319126514089	SIRIGIRISETTY SURYA TEJA	S. Suryateja
35	319126514090	SUNKARA MANOHAR	M. Manohar
36	319126514091	SAMHITHA	S. Samhitha
37	319126514092	THOGUROTHU SIVA	T. Siva
38	319126514093	VASAMSETTI LOKESH SAI RAM	V. Lokesh Sai Ram
39	319126514094	VELPURI JOSHITH VENKATA SAI MANOJ	V. Manoj

40	319126514095	VEMPATAPU UMA MAHESHWARA RAO	V. Maheshwara Rao
41	320126514L11	PRASADA SUNIL KUMAR	P. Sunil
42	320126514L12	DARLA V S S N PRASANTH	P. Prasant
43	320126514L13	BANKA BHARATH KUMAR	Bharath Kumar
44	320126514L14	THOTA VENKATESH	T. Venkatesh
45	320126514L15	L SUSHMA	L. Sushma
46	320126514L16	POLAMARASETTY LOKESH KUMAR	
47	320126514L17	DODDI LOKESH	D. Lokesh
48	320126514L18	PANGI SAI KRISHNA	P. Sai Krishna
49	320126514L19	MADABATTULA JEEVAN PRAKASH	M. Jeevan
50	320126514L20	SEERAPU VISWESWARARAO	
51	320126514L21	GUJJU AKHIL REDDY	Akhil Reddy
52	320126514L22	TIRLANGI ESWAR KUMAR	
53	320126514L23	SALAPU MANIKANTA KAMALAKAR	K. Kamalakar
54	320126514L24	GONNA NOOKESH	G. Nookesh
55	320126514L25	VAKADA MANIKANTA	V. Manikanta
56	320126514L26	DHUBA RAJASEKHAR	D. Raja Sekhar
57	320126514L27	KONDALA NEELIMA	Neelima
58	320126514L28	SURI SAI HYNDHAVI	S. Sai Hyndhavi
59	320126514L29	L NAYADAMMA	L. Nayadamma
60	320126514L30	KANURI BINDU SAGAR	K. Bindu Sagar

ANIL NEERUKONDA INSTITUTE OF TECHNOLOGY & SCIENCES
Class/Section: BTECH-EEE (II/IV-A)

S.No.	Roll No.	Name of the Student	5/4/2021 9 AM - 3 PM	6/4/2021 9 AM - 3 PM	7/4/2021 9 AM - 3 PM	8/4/2021 9 AM - 3 PM	9/4/2021 9 AM - 3 PM
1	319126514001	AKUNURI DINESH					
2	319126514002	ANAND KOMBATHULA					
3	319126514003	ANDAVARAPU SUKANTH					
4	319126514004	ANNAM NAVYA SREE					
5	319126514005	APPALABATHULA GNANESWARI					
6	319126514006	BALIVADA JASWANTH					
7	319126514007	BALLI JEEVAN KUMAR					
8	319126514008	BARLA HIMABHARATHI					
9	319126514009	BETHAPUDI JACKS PAUL					
10	319126514010	BODDURU SAI KUMAR					
11	319126514011	BOPPADAPU DIVYA					
12	319126514012	CHINTA SASI					
14	319126514014	DUBBA SAI JAGADEESWARA RAO					
15	319126514015	DUDHIPALLI HARSHAVARDHAN					
16	319126514016	DUMPA HOMALI					
17	319126514017	DWARAPUREDDY REVATHI					
18	319126514018	GANDAVARAPU SIVA					
19	319126514019	JAGILINKI NYLU					
20	319126514020	KANDI UMA MAHESWARA RAO					
21	319126514021	KARRI HEMA SAI					
22	319126514022	KARRI ROHIT VARMA					
23	319126514023	KATYAYANI BALLA					
24	319126514024	KORADA VENKATA SAI					
25	319126514025	LANKALAPALLI RAVI KUMAR					
26	319126514026	LANKAVALASA JAYARAM KASINADH					
27	319126514027	LOKESH GOTTAPU					
28	319126514028	MAJJI JAYASRI					
29	319126514029	MALLEBOYINA VENKATA BALAJI					
30	319126514030	MARICHARLA LAHARI					
31	319126514031	MIRIYALA VARUN KUMAR GANGA RAJU					
32	319126514032	MOKKA PRAVALLIKA SRJA					
33	319126514033	NAGA DURGA BHAVANI					
34	319126514034	NAYUDU RITHIKA					
35	319126514035	NOOKA RAJASEKHAR					
36	319126514036	PAIDI SHIVAJEE					
37	319126514037	PENKI RAHUL KUMAR					
38	319126514038	PHANIKUMAR UMMIDI					
39	319126514039	POLA VENKATESH					
40	319126514040	POLAKI RAVI KUMAR					
41	319126514041	PONNAGANTI SIVA RAMESH KUMAR					
42	319126514042	RONGALI HARI KISHORE					
43	319126514043	SAMALA AVINASH					
44	319126514044	SARIPALLI AKHIL					
45	319126514045	SAVU ARUN					
46	319126514046	TIRRI GUNA PRASANTH					
47	319126514047	TURPATI NISHANTH					
48	319126514048	VELAGA SRINIVASA RAO					
49	319126514049	VEMURU SWATHI					
50	319126514050	VUYYURU PRIYANKA REDDY					
51	319126514051	YAVVARI PRANEET					
52	319126514052	YEDDULA NAVEEN KUMAR REDDY					
53	320126514L01	NETTIMI PRAVALLIKA					
54	320126514L02	CHINTAPALLI YOHITHA					
55	320126514L03	SHAIK IRFAN					
56	320126514L04	MANEPALLI TARUN SIVA PRASAD					
57	320126514L05	GODI SUMANTH					
58	320126514L06	KADARI ESHITHA					
59	320126514L07	PEDAMATLA GEETHA					
60	320126514L08	BALIVADA TIRUMALA SAI					
61	320126514L09	ALLU PRIYANKA					
62	320126514L10	VOOTADA PRAGYNA					

Signature of the Faculty

HOD of EEE

Class/Section: BTECH-EEE [II/IV-B]

S.No.	Roll No.	Name of the Student	5/4/2021	6/4/2021	7/4/2021	8/4/2021	9/4/2021
			9 AM - 3 PM	9 AM - 3 PM	9 AM - 3 PM	9 AM - 3 PM	9 AM - 3 PM
1	319126514053	ANNAPAREDDY HARI VIGNESH					
3	319126514055	BANTUBILLI VIJAY KUMAR					
4	319126514056	BOGANA BALA RAMA					
5	319126514057	CHALLA TEJA VENKATA SAI DURGA PRASAD					
6	319126514058	CHINTAGUNTI HARSHA VARDHAN					
7	319126514059	CHITRADA LAHARI SRIYA					
8	319126514060	GANDRATI CHARISHMA					
9	319126514061	GANJI PRAVEEN					
10	319126514062	HAMANDU DIVYA SAHITHI					
11	319126514063	JEEVAN SAI BADANA					
12	319126514064	JONNAPALLI SAI BHASKAR					
13	319126514065	KALAGA SAI					
14	319126514066	KALLA SAI KUMAR					
15	319126514067	KARATAM MOUNIKA					
16	319126514069	KOTLA BHASKAR PAVAN KUMAR					
17	319126514070	KOTTAPALLI CHITTIRAJA ACHARI					
18	319126514071	KUDETI GIRIDHAR					
19	319126514072	KUNDRAPU CHANDU					
20	319126514073	LENKA BHARATHI					
21	319126514074	MAHANTHI DHARMA SASTRA NAIDU					
22	319126514075	MANOHAR SURAGALA					
23	319126514076	NADITHOKA KAMESWARA RAO					
24	319126514077	NALAMATI OM SAI VIJAYESH					
25	319126514078	NALLANA SASISANTH CHOWDHARY					
26	319126514079	PADALA DIVYA PRAVALIKA					
27	319126514080	PADDA HEMANTH					
28	319126514081	PALATERU RENEETH					
29	319126514082	PAMU YASWANTH					
30	319126514083	PENTA YUVA KISHORE					
31	319126514084	PONNADA MOHAN					
32	319126514085	REGIDI PREM KUMAR					
33	319126514086	SANAPALA HARSHA VARDHAN					
34	319126514087	SANKILI SARA EVANGELNI					
36	319126514089	SIRIGIRISETTY SURYA TEJA					
37	319126514090	SUNKARA MANOHAR					
38	319126514091	TATA VENKATA KAMESHWARI SAMHITHA					
39	319126514092	THOGUROTHU SIVA					
40	319126514093	VASAMSETTI LOKESH SAI RAM					
41	319126514094	VELPURI JOSHITH VENKATA SAI MANOJ					
42	319126514095	VEMPATAPU UMA MAHESHWARA RAO					
43	320126514L11	PRASADA SUNIL KUMAR					
44	320126514L12	DARLA V S S N PRASANATH					
45	320126514L13	BANKA BHARATH KUMAR					
46	320126514L14	THOTA VENKATESH					
47	320126514L15	L SUSHMA					
48	320126514L16	POLAMARASETTY LOKESH KUMAR					
49	320126514L17	DODDI LOKESH					
50	320126514L18	PANGI SAI KRISHNA					
51	320126514L19	MADABATTULA JEEVAN PRAKASH					
52	320126514L20	SEERAPU VISWESWARARAO					
53	320126514L21	GUJU AKHIL REDDY					
54	320126514L22	TIRLANGI ESWAR KUMAR					
55	320126514L23	SALAPU MANIKANTA KAMALAKAR					
56	320126514L24	GONNA NOOKESH					
57	320126514L25	VAKADA MANIKANTA					
58	320126514L26	DHUBA RAJASEKHAR					
59	320126514L27	KONDALA NEELIMA					
60	320126514L28	SURI SAI HYNDHAVI					
61	320126514L29	L NAYADAMMA					
62	320126514L30	KANURI BINDU SAGAR					

Signature of the Faculty

HOD of EEE

Class/Section: BTECH-EEE (II/IV-C)

S.No.	Roll No.	Name of the Student	5/4/2021 9 AM - 3 PM	6/4/2021 9 AM - 3 PM	7/4/2021 9 AM - 3 PM	8/4/2021 9 AM - 3 PM	9/4/2021 9 AM - 3 PM
1	319126514096	ADDUGARLA KAMYA MADHURI					
2	319126514097	ALLANKA SURYA					
3	319126514098	AMBATI MOHAN					
4	319126514099	ARAVIND REDDI					
5	319126514100	BEVARA KOKILA					
6	319126514101	BODDEDA VARAHA LAKSHMI NARAYANA					
7	319126514102	BOTTA AKHIL					
8	319126514103	CHALUMURI V S S R ADITHYA					
9	319126514104	CHIRIKI PAVAN KALYAN					
10	319126514106	DAMMU SAI KUMAR					
11	319126514107	DUGGIRALA NAVYA SREE					
12	319126514108	GANDI JAGAN MOHAN RAO					
13	319126514109	GORLE CHAKRI					
14	319126514110	JADA SUMANTH					
15	319126514111	KARUKOLU SYAMSUNDAR					
16	319126514112	KODE BALA TRINAGA SURENDRA					
17	319126514113	KONDAPALLI AJAY					
18	319126514114	KONDRI VAMSI					
19	319126514115	KOTLA VEERA VENKATA SAI DURGA VINAY					
20	319126514116	KOTTAKOTA LOKESH					
21	319126514117	MACHARLA JYOTHI					
22	319126514118	MAILAPALLI HARINARAYANA					
23	319126514119	MARISARLA BHUVANESWARI					
24	319126514120	MARUPILLI RAJESH					
25	319126514121	NAIDU PRASANNA KUMAR					
26	319126514122	PANCHANDI HEMALATHA					
27	319126514123	PANDIRI VARA PRASAD					
28	319126514124	PINNINTI SUSHMA					
29	319126514125	SARIPALLI SATYA VIVEK KUMAR					
30	319126514126	SAVARA REECHA					
31	319126514127	TEKI BHUVANA CHAND					
32	319126514128	THUTTA YASHWANTH					
33	319126514129	UPPALA LOHITH					
35	319126514131	VITYAPU LAXMI GANESH					
36	320126514L31	THIDA JAGADISH					
37	320126514L32	RAYUDU SAI VENKATA SIVAKUMAR					
38	320126514L33	KETHINA LAKSHMI NAGASIRISHA					
39	320126514L34	PRATHIPATI SYAM SIVAKOUSHIK					
40	320126514L35	BAGGAM SIVA KARTHIK					
41	320126514L36	CHUKKALA RAVI CHANDRIKA					
42	320126514L37	BIDDIKA JINEETH					
43	320126514L38	SEERAMSETTI HARSHA VARDHAN					
44	320126514L39	DUVVADA SRI SATYA					
45	320126514L40	BANDARU SUDHEER					
46	320126514L41	SHAIK KHAJA MOHIDDIN					
47	320126514L42	BONDILI MOHITHA					
48	320126514L43	ALLURI SAI DURGA SUBRAHMANYAM					
49	320126514L44	PODUGU CHAITANYA					
50	320126514L45	NEMALA AJAY JASWANTH					
51	320126514L46	LAKKINENI NAGA SAI DURGA SURYA					
52	320126514L47	PONNADA GANESH BABU					
53	320126514L48	PARIMI ASHOK					
54	320126514L49	A. SURESH					
55	320126514L50	A. LOHITH RAM					
56	320126514L51	P. MANOHAR JAGAN					
57	318126514024	JANJANAM CHANDRA SEKHAR					
58	318126514070	KOLA SATISH					
59	318126514095	SARIPALLI SAI GANESH DEVA					

Signature of the Faculty

HOD of EEE



ANIL NEERUKONDA INSTITUTE OF TECHNOLOGY & SCIENCES
(AUTONOMOUS)

Sangivalasa - 531162, Bheemunipatnam Mandal, Visakhapatnam Dist.
DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGINEERING

Academic Year 2020-2021

Name of the course	P-SPICE OF ELECTRICAL CIRCUITS
Name of the faculty	Mr .N. Kiran
Total no .Of students registered	178
Total no.Of students completed the course	178
Duration of course	30 hrs


COURSE OUTCOMES:

- Able to understand P-Spice based on electrical circuits.
- Analyze the current, voltage and power for electrical circuits
- Identify the transient and steady state responses.
- Apply different methods to get main dimensions of electrical machines.

Conclusion:

A one week value-added course on “PSPICE OF ELECTRICAL CIRCUITS” for all 2 year students of EEE, ANITS was organized at the Institute by Department of Electrical and Electronics Engineering. All the 2nd year students of EEE Dept have participated in this program. Prof.G.Raja Rao, HOD of EEE department had presided over the program Mrs.M.JAYASREE, II/IV-EEE Section B, welcomed the participants and Resource Person Mr.N.KIRAN. They shared the information about P-SPICE OF ELECTRICAL CIRCUITS. In the valedictory program held at the end, students gave their feedback explaining how the program helped them to improve knowledge on machines in a better way Mrs.M.JAYASREE, II/IV-EEE Section B Presented the Vote of thanks.

Signature of the faculty


Head of the Department
ELECTRICAL & ELECTRONICS ENGG
ANITS, Sangivalasa,
Visakhapatnam-531 162



ANIL NEERUKONDA INSTITUTE OF TECHNOLOGY & SCIENCES

Autonomous status accorded by UGC and Andhra University

Approved by AICTE, Permanently Affiliated to Andhra University

Accredited by NBA (IT,CSE,EEE,ECE, and Mech) & accredited by NAAC with "A" Grade

Sangivalasa - 531162, Bheemunipatnam (Mandal), Visakhapatnam (Dist.)

Phons: 08933-225083, 225084, 226131, Fax: 08933-226395

Email: principal@anits.edu.in

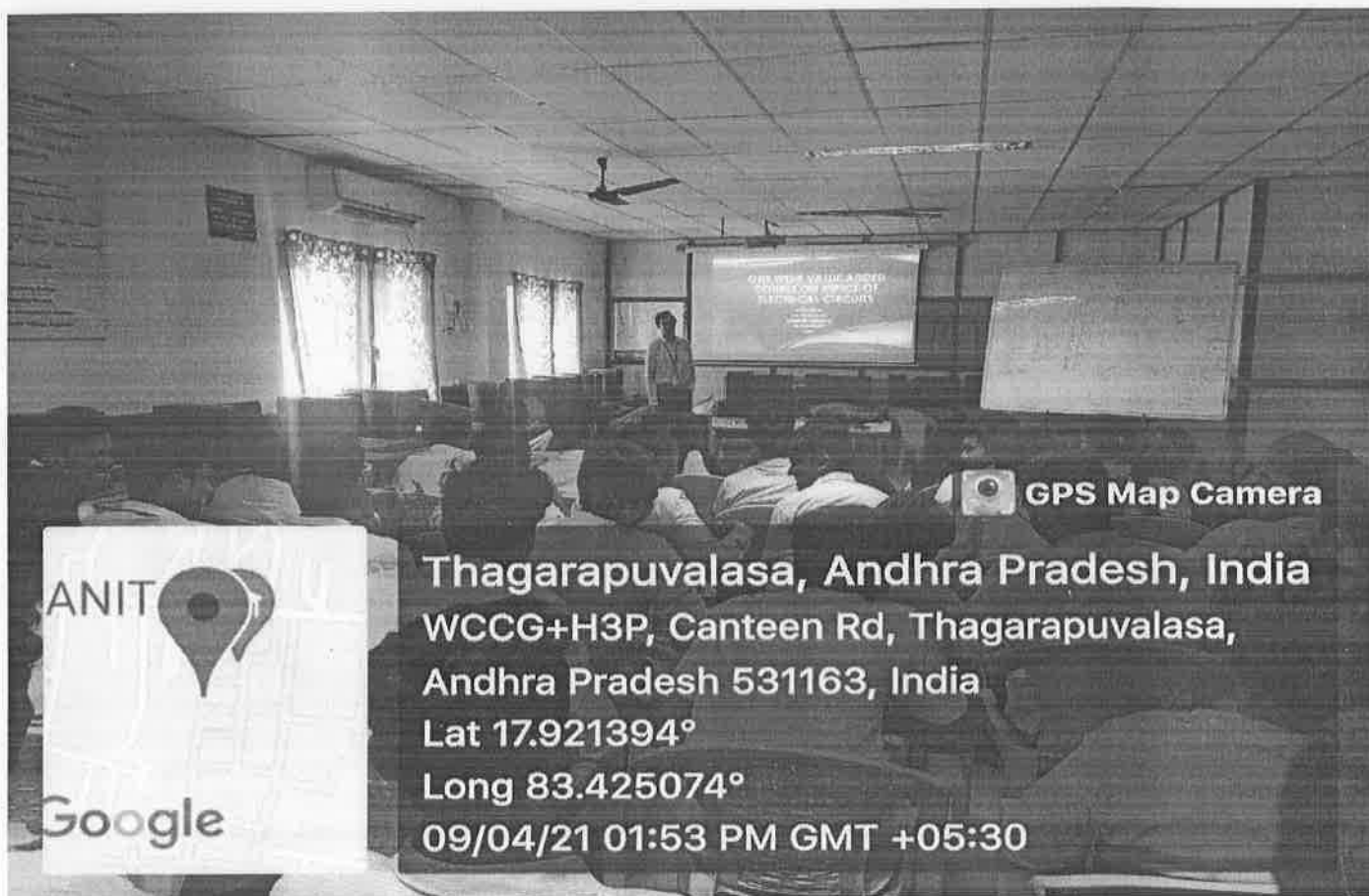
COLLEGE CODE - ANIL



Academic Year 2020-2021

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

**Report of One week Value-added course on "P-SPICE On
Electrical Circuits" on 09/04/2021**



GPS Map Camera

ANIT

Google

Thagarapuvalasa, Andhra Pradesh, India

WCCG+H3P, Canteen Rd, Thagarapuvalasa,

Andhra Pradesh 531163, India

Lat 17.921394°

Long 83.425074°

09/04/21 01:53 PM GMT +05:30

A value-added course on "P SPICE On Electrical Circuits" for all 2nd year students of EEE, ANITS was organized at the Institute by Department of Electrical

and Electronics Engineering. All the 2nd year students of EEE Dept have participated in this program. Prof. G.RAJA RAO , HOD of EEE department had presided over the program. Mr. B. Vara Prasad, II/IV-EEE Section C, welcomed the participants and Resource Person Mr. N.Kiran . They shared the information regarding P SPICE On Electrical Circuits. In the valedictory program held at the end, students gave their feedback explaining how the program helped them to improve knowledge on P-Spice in a better way. Mr. B. Vara Prasad, II/IV-EEE Section C Presented the Vote of thanks.


Dr. G. Raja Rao
Head of the Department
Professor & Head, EEE
ELECTRICAL & ELECTRONICS ENGG
ANITS, Sanghvalasa,
Visakhapatnam-531 162



ANIL NEERUKONDA INSTITUTE OF TECHNOLOGY & SCIENCES

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CERTIFICATE OF PARTICIPATION

This is to certify that **T.NISHANTH** has attended a value added course on
“**P-SPIICE ON ELECTRICAL CIRCUITS**”, organized by the **Department of EEE,**
ANITS (A), Visakhapatnam, 5-04-2021 to 9-04-2021.

Prof. G. Raja Rao
HOD EEE

Prof. T V Hanumantha Rao
Prof. & Principal



ANIL NEERUKONDA INSTITUTE OF TECHNOLOGY & SCIENCES

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CERTIFICATE OF PARTICIPATION

This is to certify that **Mr.D.LOKESH** has attended a value added course on
"P-SPIICE ON ELECTRICAL CIRCUITS ", organized by the **Department of EEE,**
ANITS (A), Visakhapatnam, from 5-04-2021 to 9-04-2021..

Prof. G. Raja Rao
HOD EEE

Prof. T V Hanumantha Rao
Prof. & Principal



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CERTIFICATE OF PARTICIPATION

This is to certify that **Mr. N.RAJASEKHAR** has attended a value added course on
"P-SPICE ON ELECTRICAL CIRCUITS ", organized by the **Department of EEE,**
ANITS (A), Visakhapatnam, from 5-04-2021 to 9-04-2021..

Prof. G. Raja Rao
HOD EEE

Prof. T V Hanumantha Rao
Prof. & Principal



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CERTIFICATE OF PARTICIPATION

This is to certify that **Mr. NEMALA AJAY JASWANTH** has attended a value added course on **"P-SPIICE ON ELECTRICAL CIRCUITS"**, organized by the **Department of EEE, ANITS (A)**, Visakhapatnam, from 5-04-2021 to 9-04-2021.

Prof. G. Raja Rao
HOD EEE

Prof. T V Hanumantha Rao
Prof. & Principal



ANIL NEERUKONDA INSTITUTE OF TECHNOLOGY & SCIENCES

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CERTIFICATE OF PARTICIPATION

This is to certify that **Mr.K.UMA MAHESWAR RAO** has attended a value added course on **"P-SPIICE ON ELECTRICAL CIRCUITS"**, organized by the **Department of EEE, ANITS (A)**, Visakhapatnam, from 5-04-2021 to 9-04-2021.

Prof. G. Raja Rao
HOD EEE

Prof. T V Hanumantha Rao
Prof. & Principal



**ANIL NEERUKONDA INSTITUTE OF TECHNOLOGY & SCIENCES
(AUTONOMOUS)**

Sangivalasa - 531162, Bheemunipatnam Mandal, Visakhapatnam Dist.
DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGINEERING

Date: 04-03-2021

Circular

Dear students this is to inform you that for all 3/4 EEE students there will be a value-added course conducting on "MATLAB essential tools for research applications" from 09-03-2021 to 13-03-2021 at Mechanical seminar hall, Mechanical Dept. In this regard, class work is cancelled during these days. So, all the 3/4 EEE students are requested to attend without fail. Attendance is mandatory.

Copy to

- The principal
- Heads of all the departments

HOD, EEE

Overview

This one-Week Value-

Added Course aims to update knowledge on the recent and future trends in predictive modeling, and statistical analysis techniques.

Course Description

MATLAB is a programming platform designed specifically for engineers and scientists to analyze and design systems and products that transform our world. The heart of MATLAB is the MATLAB language, a matrix-based language allowing the most natural expression of computational mathematics. Research organizations use MATLAB and Simulink to apply deep learning, predictive modelling, and statistical analysis techniques. You and your team can share a common set of products for exchanging work and ideas.

Course objectives:

- Implement and test your algorithm easily.
- Develop the computational codes easily.
- Debug easily.
- Use a large database of built in algorithm
- Call external libraries.

Course Content

Day 1&2: Understand what MATLAB is and its capabilities in MATLAB.

Day 3&4: Simulation of basic electric circuits

Day 5&6: Simulation of charging and discharging of a capacitor

Day 7&8: Simulation of a source-free RC circuit

Day 9&10: Understand how to simulate AC-AC converters as single phase AC choppers using Simulink in MATLAB

Day 11&12: Simulate DC-AC converters such as half, full bridge and three phase inverters using Simulink in MATLAB

Day 13&14: Simulation of a source-free RL circuit

Organizing Committee

Chief patron

J. Bharath Reddy CEO, ANES

Patron

Prof.T.V.HANUMANTHA RAO, Principal

Convener

Dr.G. RAJA RAO

Professor & Head-Electrical and Electronics Engineering

Faculty Coordinator

Mr.M.Sudheerkumar, Assistant Professor

Faculty Members:

1. Dr.J.Vijay Kumar, Professor
2. Mr.V.Anil Kumar, Assistant Professor
3. Mr.K. Trinadh Babu, Assistant Professor
4. Mrs.D.Sri Lakshmi, Assistant Professor



DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

(Accredited by NBA)

Anil Neerukonda Institute of Technology and Sciences
(Autonomous)

Sangivalasa-531162,

Bheemunipatnam Mandal Visakhapatnam District, Andhra Pradesh

A ONE-WEEK VALUE ADDED COURSE

On

MATLAB DESIGN TOOLS FOR RESEARCH APPLICATIONS

9th -13th March 2021

Convener

Dr. G. Raja Rao

Professor & Head- Electrical and Electronics Engineering

Expert Speaker

Dr.R.Satish

Assistant Professor

Department of Electrical And Electronics Engineering
ANITS

Visakhapatnam

A value ADDED COURSE
MATLAB ESSENTIAL TOOLS FOR RESEARCH Applications

Department of EEE :: ANITS
2020-21, Semester-I, 3181 series (Batch 2018-22)
Class/Section: BTECHEEE [31A]

Sl. No.	Admn. No.	Student Name	Signature
1	318126514001	ALAMANDA PRADEEP CHANDRA	<i>Pradeep</i>
2	318126514002	APPARI NAYANA SUBHA JYOTHI	<i>Nayana</i>
3	318126514003	ARASADA GAYATHRI	<i>Gayathri</i>
4	318126514004	BAMMIDI ABHISHEK	<i>Abhishek</i>
5	318126514005	BODDETI SAI ROHIT	<i>Rohit</i>
6	318126514006	BUDDA SWETHA	<i>B. Swetha</i>
7	318126514007	BURDAPATI SRI HARSHA	<i>Harsha</i>
8	318126514008	CHINTA SANDEEP	<i>C. Sandeep</i>
9	318126514010	CHITRADA SRI HARSHA	<i>Harsha</i>
10	318126514011	DANDA TARUN	<i>Tarun</i>
11	318126514012	DARIMIREDDY DINESH RAGHAVENDRA	<i>D. Raghavendra</i>
12	318126514013	DASARI ESWARA CHANDRA VIDYA SAGAR	<i>D. Sagar</i>
13	318126514014	DEKKA ANISH	<i>Anish</i>
14	318126514015	DEVADULA SANJEEV KUMAR	<i>D. S. Kumar</i>
15	318126514016	DEVARAPALLI MEGHANA	<i>M. Meghana</i>
16	318126514017	EPPILI SUNIL KUMAR	<i>E. Sunilkumar</i>
17	318126514019	GORLE LOKESH	<i>Lokesh</i>
18	318126514020	GUVVALA BHAVYA SRI PRAVALLIKA	<i>Bhavya</i>
19	318126514021	JALLEPALLI SANDEEP	<i>J. Sandeep</i>
20	318126514022	JAMI PRANEETH	<i>Praneeth</i>
21	318126514023	JAMMU SARANYA	<i>Saranya</i>
22	318126514025	JANJANAM VENKATA LAKSHMI KAVYA	<i>J. V. Lakshmi Kavya</i>
23	318126514026	KADALI PINAKA PANI SRI KRISHNA	<i>KRISHNA</i>
24	318126514027	KAKARA BHARGAV	<i>K. Bhargav</i>
25	318126514028	KETHA NARESH KUMAR	<i>N. Kumar</i>
26	318126514029	KIMIDI LIKITH SRI SAI SANJAY	<i>Sanjay</i>
27	318126514030	KONNI VAGDEVI	<i>Vagdevi</i>
28	318126514031	LAGISETTI VENKATA PRAMOD NAIDU	<i>LVP Naidu</i>
29	318126514032	LALAM VENKATA SURYA	<i>Surya</i>
30	318126514033	MADIYA BHAVANI	<i>M. Bhavani</i>
31	318126514034	MANDALEMULA VENKATA NARASIMHA SAI CHARAN	<i>V. Charan</i>
32	318126514035	MARRAPU DHARANI	<i>Dharani</i>

Sl. No.	Admn. No.	Student Name	Signature
33	318126514036	MARRAPU THANUSH KUMAR	M. Thanush
34	318126514037	MUTTA PRASANNA LAKSHMI	Lakshmi
35	318126514038	MYLAPILLI SAI KIRAN	M. Sai Kiran
36	318126514039	NERALLA SAI BHARGAVI	Bhargavi
37	318126514040	NOLLU ARUN KUMAR	Arun
38	318126514042	PALIKILA PRIYANKA REDDY	P.P. Reddy
39	318126514043	PEDAPATI RAHUL TEJ	R. P. P.
40	318126514044	PEDAPUDI ARTHI	Arthi
41	318126514045	R JAYANK MAANAS	Maanas
42	318126514046	RUDRI SRI SATYA SAI ROHIT	R. Satya Sai Rohit
43	318126514047	SARAGADAM SRI HARSHA	S. Harsha
44	318126514048	SIRIGUDI BALA KRISHAN	Bala Krishna
45	318126514049	TANAVARAPU HARSHITA	Harshita
46	318126514050	VADLAMUDI AKANKSHA	Akanksha
47	318126514051	VUMMIDISSETTY ABINASH	Abinash
48	318126514052	VARRI RAMANAMMA	Ramanamma
49	318126514053	VASAMCHETTY BALU MAHENDRA	Balu Mahendra
50	318126514054	VELAMALA VENFELA	Venfela
51	318126514055	VISHAL GIDUTHURI	Giduthuri
52	319126514L01	GONTHINA SANTHAN	G. Santhan
53	319126514L02	EDURUPAKALA SRINIVAS	Srinivas
54	319126514L03	PEDDADA KIRAN	P. Kiran
55	319126514L04	MOKA VIJAYA KUMARI	M. Vijaya Kumari
56	319126514L05	TANGULA DEVADASU	T. Devasu
57	319126514L06	KANURI HARIN KANAKA SURESH	K. H. K. Suresh
58	319126514L07	LALAM SHARMILA	L. S. M.
59	319126514L08	SADAGANA SIRISHA	S. Sirisha
60	319126514L09	KOLLI AKANKSHA	A. Kanaksha
61	319126514L10	AKASAPU GYANESWAR RAO	A. G. Rao
62	319126514L11	ADIMULAM ACH. UT	A. Ach. Ut
63	319126514L12	BOURUBILLI SAIKUMAR	B. Saikumar

Class/Section: BTECHEEE [31B]

Sl. No.	Admn. No.	Student Name	Signature
1	318126514056	B CHARAN SAI SAMPATH	SAMPATH
2	318126514057	BAGADI VAGDEVI	Vagdevi
3	318126514058	BAGGU RAJESH	Rajesh
4	318126514059	BELLAMKONDA NAVEEN KUMAR	Naveen
5	318126514060	BUNGA JAHNAVI PRAGNYA	Pragnya
6	318126514061	CHITTA SANTOSH	Santosh
7	318126514063	DEERGASI DILLESWAR CHANDRA	Chandra
8	318126514064	DUDI JAGADISH KUMAR	Dud
9	318126514065	EDUBILLI TARUN KUMAR	Tarun
10	318126514066	GADDAVALASA NAVEEN	Naveen
11	318126514067	GANASALA SRIKAR CHANDRA	Ch
12	318126514068	JASWANTH ERUSU	E. Jaswanth
13	318126514069	K VISHAL KUMAR	Vishal
14	318126514070	KOLA SATISH	Satish
15	318126514071	KOTA HEMANTH	K. Hemanth
16	318126514072	KRUPA SAGAR TUTIKA	Krupa
17	318126514073	LAKHINANA ANIL SAI	L. Anil Sai
18	318126514074	LAMMATHA VINOD KUMAR	Vinod Kumar
19	318126514075	MANDULA SIVA CHANDRA MOULI	Ch
20	318126514076	MUKALLA DHANUNJAYA RAO (SLIDING)	M. D. Rao
21	318126514077	NAGOTHI TULASI RAM	Tulasi Ram
22	318126514078	NARNE KEERTHI	Ke
23	318126514079	PAMBALA DURGA PRASAD	Durga Prasad
24	318126514080	PEDAPOLU YOGESWARACHARI	Yog
25	318126514081	PEDAPUDI NAVYA TEJA	Navya
26	318126514082	PEETA JAYAPRAKASH	Jayaprakash
27	318126514083	PILLA NARENDRA	Nare
28	318126514084	PILLA PREETHI	P. Preethi
29	318126514085	PISINI TRINADH	P. Trinadh
30	318126514086	POTTI DINESH BABU	Dinesh babu
31	318126514087	PUVVALA SIRI CHANDANA	Chandana
32	318126514088	REDDI CHARAN KUMAR	Charan
33	318126514089	REGULAVALASA CHAITANYA	Chaitanya

Sl. No.	Admn. No.	Student Name	Signature
34	318126514090	REYYI PRATHYUSHA	R. Prathyusha
35	318126514091	RONANKI DINESH	R. Dinesh
36	318126514092	SACHIN MOHANTY	S. Mohanty
37	318126514093	SAI TEJA LALA	Lala
38	318126514094	SAIRIGAPU TARUN	Tarun
39	318126514095	SARIPALLI SAI GANESH DEVA	S.S.G. Deva
40	318126514096	SHARON CHANDNI VARDHANAPU	Sharon
41	318126514097	TALABATTUAL VENKATESH	Venkatesh
42	318126514098	TANNA BRAJESH NAIDU	Brajesh
43	318126514099	TELAGALAPUDI SANJAY JOSHI	T. Sanjay Joshi
44	318126514100	UPPADA NARENDRA RAO	U. Nalaya Rao
45	318126514101	VANGAPANDU KETHAN VIJAY KUMAR	Kethan
46	318126514102	VIJAY RAMARAO HANUMANTHU	Ram Rao
47	318126514103	YEDLA NAVEEN SAI	Y. Naveen Sai
48	318126514104	YELLABILLI MAHENDRA KUMAR	Y. Mahendra Kumar
49	319126514L13	PONNADA HARINARAYANA SWAROOP	Harinarayana
50	319126514L14	PEDAGAPU BHAGYA LAKSHMI	Bhagya
51	319126514L15	DEVI KIRAN PANIGRAHI	Kiran Panigrahi
52	319126514L16	TUMMAGANTI CHAITANYA PAVAN	Chaitanya
53	319126514L17	REDDY SAI KUMAR	R. Sai Kumar
54	319126514L18	MANDAPALLI BHANUKIRAN	Bhanu
55	319126514L19	BANOTH ROHITH	Rohith
56	319126514L20	PODILAPU RAMESH	Ramesh
57	319126514L21	UDIGALA VIJAY PRAKASH BABU	Vijay Prakash Babu
58	319126514L22	SHAIK MOHAMMAD AFZAL	Shaik Mohammad Afzal
59	319126514L23	MEESALA LAKSHMI NARAYANA	Lakshmi Narayana
60	319126514L24	KIRLA JAGADISH	Jagadish
61	319126514L25	BESETTI DARAHEMANTH	Darahemant
62	319126514L26	VABBINA ASHISH KUMAR	Ashish Kumar
63	319126514L27	POTNURU AJAY KUMAR	Ajay Kumar
64	319126514L28	CHOPPAVARAPU ABHI HARIKA	Abhi Harika

Class/Section: BTECHEEE [31C]

Sl. No.	Admn. No.	Student Name	Signature
1	318126514105	BHAKTULA VARUN	Varun
2	318126514106	CHEPA VENKATA SAI ANUDEEP	VSA
3	318126514107	CHERUKURI TIRUMALASAI	Cherukuri
4	318126514108	CHIDIPILLI MURTHY	Murthy
5	318126514109	GANDERU SANDHYA RANI	Rani
6	318126514110	GARBHAM VENKATA SAI PRATHYUSHA	Prathyusha
7	318126514111	IPPILI RAGHU RAMA KRISHNA	Raghu Rama Krishna
8	318126514112	KARI RAKESH	K. Rakesh
9	318126514113	KOLLI RAMYASRI	Ramyasri
10	318126514114	KOMARA SRAVANI	SRAVANI
11	318126514115	KONDETI SANDEEP	KS
12	318126514116	KOYYA SWETHA REDDY	SR
13	318126514117	LALAM PURNA CHANDRA RAO	Chandra Rao
14	318126514118	MAJJI ARUN KUMAR	Arun
15	318126514119	MALLA SHIVA NOOKARAJU	Shivakaraj
16	318126514120	MALLARAPU HEMANTH KUMAR	Hemant P
17	318126514121	MEESALA SEETHA RAMA RAJU	Meetha
18	318126514122	MOLLETI BHAVANI	Bhavani
19	318126514123	MONGAM JYOTHIKA PRIYA	Jyothika
20	318126514124	MUKKU Koushik REDDY	Koushik
21	318126514125	NIMMAKAYALA AVINASH	Avinash
22	318126514126	PALATERU REETIKA	Reetika
23	318126514128	PEDAPUDI REETHU PRIYANKA	Reethu
24	318126514129	PEELA CHANAKYA	Chanakya
25	318126514130	POLAVARAPU SATEESH	Sateesh
26	318126514131	PUKKELLA NARASIMHA SATYA ROHIT	Rohit
27	318126514132	SARAGADAM SUPRIYA	S. Supriya
28	318126514133	SATYAVARAPU BHAGAVAN	Bhagavan
29	318126514134	SIRIPURAPU SRIHARI	Srihari
30	318126514135	SURADA ANIL	Anil
31	318126514136	THALABATULA CHANDRA MOULI	Chandramouli
32	318126514137	THANGETI KIRAN KUMAR	Kiran
33	318126514138	VANAPALLI NIROOP SAI	Niroop
34	318126514139	VASAMSETTI YASWANTH NAVEEN	Naveen

Sl. No.	Admn. No.	Student Name	Signature
35	319126514L29	PONNADA POORNIMA	Poornima
36	319126514L30	SIRRA BHAVANA RACHEL	Bhavana
37	319126514L31	PADALA PRAVALLIKA	Pravallika
38	319126514L32	BONI NIRANJAN RAJU	Raju
39	319126514L33	DANDIPADALA DURGAPRASAD	DP
40	319126514L34	KONATHALA SAI VENKAT	Sai Venkat
41	319126514L35	MEDIDA BHUVAN CHANDRA	Bech
42	319126514L36	P RAMYA SREE	Sree - Purja
43	319126514L37	PRAGADA PRASANTH	Prasanth
44	319126514L38	VANGALAPUDI HARIKA	Harika
45	319126514L39	KOYANADA ADINARYANA	Adinaryana
46	319126514L40	KILLO GOVINDU	Govind
47	319126514L41	MUKALA GUNA SEK HAR	Guna Sekhar
48	319126514L42	MOIDA CHAITANYA KUMAR	Chaitanya
49	319126514L43	GOBBAKA JAYANTH	Jayanth
50	319126514L44	YANNAMREDDY NAGENDRA KUMAR	Y.N. Kumar
51	319126514L45	YERRAVARAPU SHYAM	Shyam
52	319126514L46	KARIMERAKALA SIVA KUMAR	Siva



ANIL NEERUKONDA INSTITUTE OF TECHNOLOGY & SCIENCES
(AUTONOMOUS)

Sangivalasa - 531162, Bheemunipatnam Mandal, Visakhapatnam Dist.
DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGINEERING

Academic Year 2020-2021

Name of the course	MATLAB Essential Tools For Research Applications
Name of the faculty	Dr.R.Satish
Total no .Of students registered	179
Total no.Of students completed the course	179
Duration of course	30 hrs


COURSE OUTCOMES:

- Understand Basics of MATLAB coding.
- Write the program for a given problem in MATLAB coding.
- Simulate various electric circuits in MATLAB simulation tool

Conclusion:

A one week value-added course on **MATLAB Essential Tools For Research Applications** for all 3rd year students of EEE, ANITS was organized at the Institute b Department of Electrical and Electronics Engineering. All the 3rd year students of EEE Dep have participated in this program. Prof.G.Raja Rao, HOD of EEE department had preside over the program. Mr K.Satish, III/IV-EEE Section B, welcomed the participants an Resource Person Dr.R.Satish. They shared the information about **MATLAB Essential Tools For Research Applications**. In the valedictory program held at the end, students gave their feedback explaining how the program helped them to improve knowledge on machines in a better way. Mr K.Satish, III/IV-EEE Section B Presented the Vote of thanks.

Signature of the faculty


Head of the Department
ELECTRICAL & ELECTRONICS ENGG
ANITS, Sangivalasa,
Visakhapatnam-531 162



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Approved by AICTE, Permanently Affiliated to Andhra University

Accredited by NBA (IT,CSE,EEE,ECE, and Mech) & accredited by NAAC with "A" Grade

Sangivalasa - 531162, Bheemunipatnam (Mandal), Visakhapatnam (Dist)

Phone: 08933 - 225033, 225084, 226131, Fax: 08933-226395

Email: principal@anits.edu.in

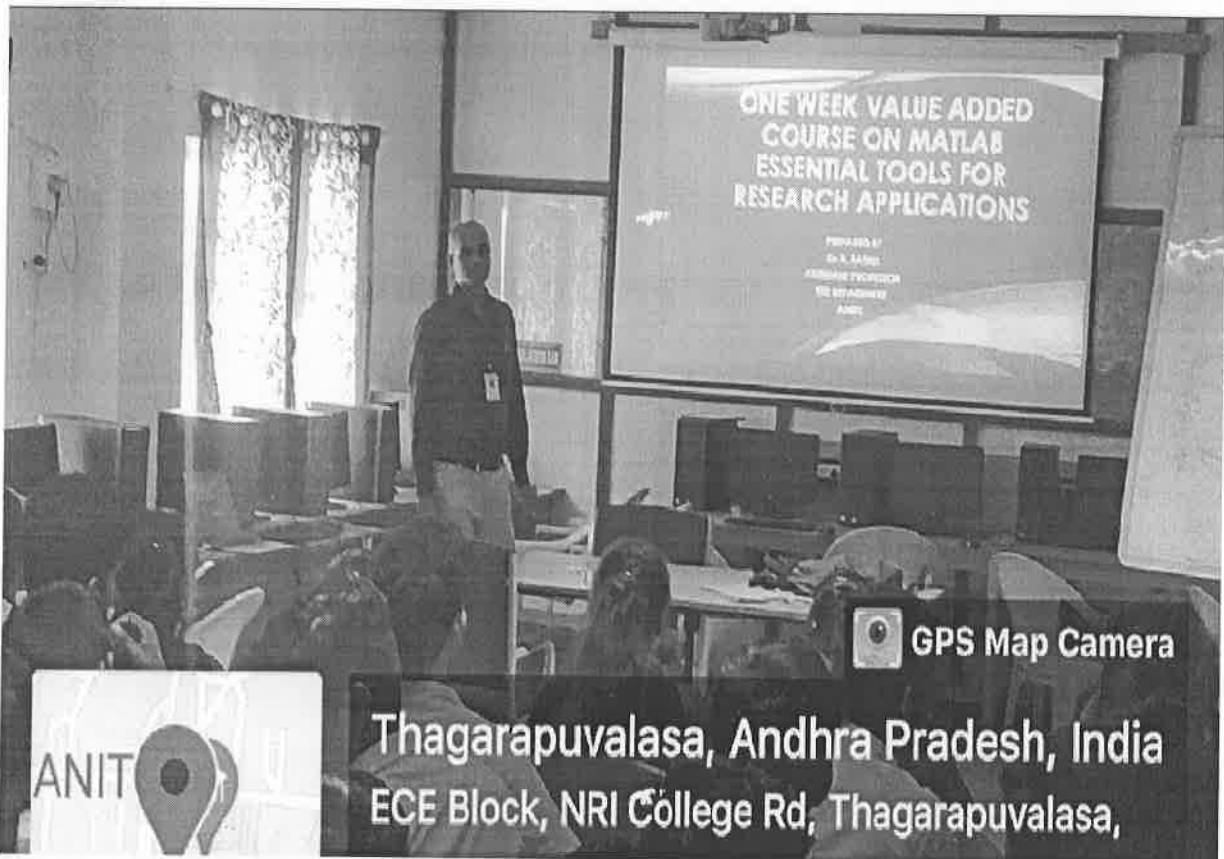
COLLEGE CODE - ANIL



Academic Year 2020-2021

DEPARTMENT OF ELECTRICAL AND ELECTRONIC ENGINEERING

**Report of Value-added course on "MATLAB
essential tools for research applications" on
13/03/2021**



A value-added course on "MATLAB essential tools for research applications" for all 3rd year students of EEE, ANITS was organized at the Institute by Department of Electrical and Electronics Engineering. All the 3rd year students of EEE Dept have participated in this program. Prof. G. Raja Rao, HOD of EEE department had presided over the program. R. Sai, III/IV-EEE Section C, welcomed the participants and Resource Persons Mr. R. Satish, Mr. L. Dinesh. They shared the information regarding MATLAB in research applications. In the valedictory program held at the end, students gave their feedback explaining how the program helped them to improve knowledge on MATLAB in a better way. R. Sai III/IV EEE C Presented the Vote of thanks.



Dr. G. Raja Rao
Head of the Department
ELECTRICAL & ELECTRONICS ENGG
ANITS, Sangivalasa,
Visakhapatnam-531 102



ANIL NEERUKONDA INSTITUTE OF TECHNOLOGY & SCIENCES

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Approved by AICTE and Accredited by NBA & NAAC with 'A' Grade

CERTIFICATE OF PARTICIPATION

This is to certify that **Mr.K.GOVINDU** has attended a value added course on
“**MATLAB essential tools for research applications**”, organized by the
Department of EEE, ANITS (A), Visakhapatnam, from 9-03-2021 to 13-03-2021.

Prof. G. Raja Rao
HOD EEE

Prof.T.V.HANAMANTHA RAO
Prof. & Principal



ANIL NEERUKONDA INSTITUTE OF TECHNOLOGY & SCIENCES

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CERTIFICATE OF PARTICIPATION

This is to certify that **Mr.SACHIN MOHANTY** has attended a value added course on **"MATLAB essential tools for research applications "**, organized by the **Department of EEE, ANITS (A), Visakhapatnam**, from 9-03-2021 to 13-03-2021..

Prof. G. Raja Rao
HOD EEE

Prof.T.V.HANAMANTHA RAO
Prof. & Principal



ANIL NEERUKONDA INSTITUTE OF TECHNOLOGY & SCIENCES

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CERTIFICATE OF PARTICIPATION

This is to certify that **Mr.K.SATISH** has attended a value added course on
“**MATLAB essential tools for research applications**”, organized by the
Department of EEE, ANITS (A), Visakhapatnam, from 9-03-2021 to 13-03-2021.

Prof. G. Raja Rao
HOD EEE

Prof.T.V.HANAMANTHA RAO
Prof. & Principal



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CERTIFICATE OF PARTICIPATION

This is to certify that **Mr. VELAMALA VENEELA** has attended a value added course on "MATLAB essential tools for research applications", organized by the **Department of EEE, ANITS (A)**, Visakhapatnam, from 9-03-2021 to 13-03-2021.

Prof. G. Raja Rao
HOD EEE

Prof.T.V.HANAMANTHA RAO
Prof. & Principal



ANIL NEERUKONDA INSTITUTE OF TECHNOLOGY & SCIENCES

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CERTIFICATE OF PARTICIPATION

This is to certify that **Mr.DANDA TARUN** has attended a value added course on
“**MATLAB essential tools for research applications**”, organized by the
Department of EEE, ANITS (A), Visakhapatnam, from 9-03-2021 to 13-03-2021.

Prof. G. Raja Rao
HOD EEE

Prof.T.V.HANAMANTHA RAO
Prof. & Principal



ANIL NEERUKONDA INSTITUTE OF TECHNOLOGY & SCIENCES

(Affiliated to AU, Approved by AICTE)

SANGIVALASA-531162, Bheemunipatnam Mandal, Visakhapatnam District

Phone: 08933-225083/84/87 Fax: 226395

www.anits.edu.in DEPARTMENT OF CIVIL ENGINEERING Email: principal@anits.edu.in

6

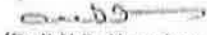
Date: 03-03-2021

CIRCULAR

There will be a Value added course on "Navit Architecture" to the students of III Civil as per the following schedule.

Date : 08/03/2021 to 12/03/2021
Resource Person : K. Yuva Rāhul, Structural Engineer, Morrison Marshfield Pvt. Ltd.
Venue : Department Computer Center

All the students of III Civil are invited to attend the Value-Added Course without fail. Sri.K.Suryanarayana, Coordinator, III Civil is requested to coordinate.


(Dr. B.N.D. Narasinga Rao)
Dr. B.N.D. Narasinga Rao
M.E. Ph.D. F.R.I.C.S.E.
Professor & Head
Department of Civil Engineering
Anil Neerukonda Institute of Technology and Sciences
Sangivalasa, Bheemunipatnam Mandal
Visakhapatnam - 531162

ABOUT TRAINING PROGRAM

Revit is a design and documentation platform that supports the design, drawings, and schedules required for building information modeling (BIM). BIM delivers information about project design, scope, quantities, and phases when you need it.

In the Revit model, every drawing sheet, 2D and 3D view, and schedule is a presentation of information from the same virtual building model. As you work on the building model, Revit collects information about the building project and coordinates this information across all other representations of the project.

The Revit parametric change engine automatically coordinates changes made anywhere—in model views, drawing sheets, schedules, sections, and plans.

The purpose of the training program is to enhance the skills of students to create models and analyse performance using Revit Architecture.

TOPICS FOR THE TRAINING PROGRAM

SESSION-I

Introduction to Revit Architecture;

SESSION-II

Create Walls, Create Doors, Create Windows.

Session-III

Create Roofs and Floors

Session-IV

Massing and Topography

Session-V

Stair Types and Properties, Stair Placement Options, Railing Types and Properties

Session-VI

Development a residential building with suitable elevational, functional and structural detailing

Session-VII

Develop a multi-storey building with suitable or given elevational, functional and structural detailing

Session-VIII

Massing and Topography – III; Camera, Rendering & Walkthrough

RESOURCE PERSONS:

Mr. K Yuva Rahul

Structural Engineer, Morrison Hershfield Pvt. Ltd.

COURSE OBJECTIVE

Training Program should help the students to learn how to create and understand 3D objects. Gain confidence in 3D Modelling Principles through lots of practical exercises that provide exposure to the students

IMPORTANT DATES

8th March 2021-12th March 2021

Value Added Course

OR

"REVIT ARCHITECTURE"



Organised by

Department of Civil Engineering

In association with

ANITS – IET Student Chapter

Convenor

Dr. B N D Narasinga Rao,

Professor & Head – Civil Engineering

Anil Neerukonda Institute of Technology & Sciences (A)

(Approved by AICTE, Permanently affiliated to AU, Accredited & Reaccredited by NITA and Accredited by NAAC with "A" Grade) Sangivalasa, Bhuvanapuram (M), Visakhapatnam-531162

Coordinator

Mr. K Suryanarayana,

Asst. Professor – Civil Engineering

Ph: 9498999342; Email id:

ksuryanarayana.ce@anits.edu.in

Dr. B. N. D. Narasinga Rao

ANITS

Department of Civil Engineering
Anil Neerukonda Institute of Technology and Sciences
Sangivalasa, Bhuvanapuram, Marada,
Visakhapatnam - 531162

**ANIL NEERUKONDA INSTITUTE OF TECHNOLOGY & SCIENCES**

(Affiliated to AU, Approved by AICTE)

Sangivalasa-531162, Bheemunipetam Mandal, Visakhapatnam District-531162

Phone: 08931-2250134/37 Fax: 225393; Web: www.civilanits.edu In: Email: hod_civil@anits.edu In

DEPARTMENT OF CIVIL ENGINEERING

Name of the Event: A Value Added Course on "Revit Architecture"

Date: 2/3/21

Attendance Sheet

S.No.	Regd. No.	Name of the Student	Signature
1	318126508001	Adireddi Sobha Umamaheswari	A. Sobha
2	318126508002	Ainampudi Manikanta Varma	A. Manikanta Varma
3	318126508003	Akula Venkata Sai Raveendra	A. Raveendra
4	318126508004	Anyapu Dharani	A. Dharani
5	318126508005	Balaka Vinay Kumar	B. Vinay
6	318126508006	Bandaru Sampath Kumar	B. Sampath
7	318126508007	Beera Jayadeep	B. Jayadeep
8	318126508008	Bennabathula Satya	Satya
9	318126508009	Bonthu Pavan Sai	P. Sai
10	318126508010	Chepala Anil	C. Anil
11	318126508011	Dadi Rakesh Kumar	D. Rakesh
12	318126508012	Gorle Naveen	G. Naveen
13	318126508013	Gujjali Pavan Kumar	G. Pavan
14	318126508014	Inapuram Manoj	I. Manoj
15	318126508015	Janni Sai Ganesh	J. Ganesh
16	318126508016	Kadiyam Krishna	K. Krishna
17	318126508017	Kandula Nagendra	K. Nagendra
18	318126508018	Kare Purnesh	K. Purnesh
19	318126508019	Karri Chanukya	K. Chanukya
20	318126508020	Killi Dileep Kumar	K. Dileep
21	318126508021	Kolakaluri Harika	K. Harika
22	318126508022	Koyya Satish Reddy	K. Satish
23	318126508023	Krishnoth Ravi Teja	K. Ravi Teja
24	318126508024	Kumerashan Hariprasad	K. Hariprasad
25	318126508025	Tarun Lagudu	T. Lagudu
26	318126508026	Lanka Jaya Mourya Sai	L. Mourya Sai
27	318126508027	Mamidi Thanush Naidu	M. Thanush
28	318126508028	Manapuram Pravallika	M. Pravallika
29	318126508029	Pavan Kumar	P. Kumar
30	318126508030	Mudili Likhita	M. Likhita
31	318126508031	Nagothi Dhana Kishore	N. Kishore
32	318126508032	Nali Harshadeep	N. Harshadeep
33	318126508033	Palaka Lakshmi Venkata Siva Sai Rahul	P. Lakshmi
34	318126508034	Parapathi Vidya Vivek	P. Vivek

S.No.	Regd. No.	Name of the Student	Signature
35	318126508035	Pitchika Sandeep	[Signature]
36	318126508036	Reddi Naveen	[Signature]
37	318126508037	Setti Kishore	[Signature]
38	318126508038	Shaik Asmath Ali	[Signature]
39	318126508039	Siraparapu Bhanu Prasad	[Signature]
40	318126508040	Srinivasa Rao Vasantula	[Signature]
41	318126508041	Surabathini Manoj Kumar	[Signature]
42	318126508043	Terapalli Shonit	[Signature]
43	318126508044	Thonangi Chaithanya Reddy	[Signature]
44	318126508045	Valluru Karthik	[Signature]
45	319126508L01	Pelluri Siva Naga Durga	[Signature]
46	319126508L03	Munubarti Prasanth Kumar	[Signature]
47	319126508L05	Adari Vijay Chandra	[Signature]
48	319126508L06	Bhanavath Vasu Naik	[Signature]
49	319126508L07	Gantyada Naveen	[Signature]
50	319126508L08	Cheekati Akhil	[Signature]
51	319126508L10	Chaitanya Suvvari	[Signature]
52	319126508L13	Girish Bathi	[Signature]
53	319126508L14	Tarun Sai Koyyana	[Signature]
54	319126508L15	Praveen Pathivada	[Signature]
55	319126508L17	Govind Gara	[Signature]
56	319126508L18	Venkatesh Yelugubantla	[Signature]
57	319126508L19	Paluri Naveen Kumar	[Signature]
58	R24	Kare Satish	[Signature]
59	R26	Ravi Teja	[Signature]
60	R27	Kaveripakam Sai Litesh	[Signature]
61	R50	Vimal Raj	[Signature]

No. of Students Attended : 57

[Signature]

[Signature]
 Professor & Head
 Department of Civil Engineering
 JNTU Hyderabad
 Hyderabad - 500072

**ANIL NEERUKONDA INSTITUTE OF TECHNOLOGY & SCIENCES***(Affiliated to AU, Approved by AICTE)*Sangivada-511162, Bhimavaram Mandal, Vijayawada District-511162
Phone: 08933-225053/54/57 Fax: 226395; Web: www.civilanits.edu.in; Email: hod_civil@anits.edu.in
DEPARTMENT OF CIVIL ENGINEERING

Name of the Event: A Value Added Course on "Revit Architecture"

Date: 1/2/17

Attendance Sheet

S.No.	Regd. No.	Name of the Student	Signature
1	318126508001	Adireddi Sobha Umamaheswari	A. sobha
2	318126508002	Ainampudi Manikanta Varma	M
3	318126508003	Akula Venkata Sai Raveendra	A. V. S. R.
4	318126508004	Anyapu Dharani	A. Dharani
5	318126508005	Balaka Vinay Kumar	B. Vinay
6	318126508006	Bandaru Sampath Kumar	B. S. K.
7	318126508007	Beera Jayadeep	B. Jayadeep
8	318126508008	Bennabathula Satya	Satya
9	318126508009	Bonthu Pavan Sai	P. Sai
10	318126508010	Chepala Anil	C. Anil
11	318126508011	Dadi Rakesh Kumar	R. K.
12	318126508012	Gorle Naveen	G. Naveen
13	318126508013	Gujjali Pavan Kumar	G. P. K.
14	318126508014	Inapuram Manoj	P. Manoj
15	318126508015	Janni Sai Ganesh	S. G.
16	318126508016	Kadiyam Krishna	K. Krishna
17	318126508017	Kandula Nagendra	N. Nagendra
18	318126508018	Kare Purnesh	P. Purnesh
19	318126508019	Karri Chanukya	C. Chanukya
20	318126508020	Killi Dileep Kumar	K. Dileep
21	318126508021	Kolakaluri Harika	K. Harika
22	318126508022	Koyya Satish Reddy	S. Reddy
23	318126508023	Krishnoth Ravi Teja	R. Teja
24	318126508024	Kumerashan Hariprasad	H. Prasad
25	318126508025	Tarun Lagudu	T. Lagudu
26	318126508026	Lanka Jaya Mourya Sai	J. Sai
27	318126508027	Mamidi Thanush Naidu	T. Naidu
28	318126508028	Manapuram Pravallika	P. Pravallika
29	318126508029	Pavan Kumar	P. Kumar
30	318126508030	Mudili Likhita	M. Likhita
31	318126508031	Nagothi Dhana Kishore	D. Kishore
32	318126508032	Nali Harshadeep	H. Harshadeep
33	318126508033	Palaka Lakshmi Venkata Siva Sai Rahul	S. Rahul
34	318126508034	Parapathi Vidya Vivek	V. Vivek

S.No.	Regd. No.	Name of the Student	Signature
35	318126508035	Pitchika Sandeep	AD
36	318126508036	Reddi Naveen	R. Naveen
37	318126508037	Setti Kishore	S. Kishore
38	318126508038	Shaik Asmath Ali	Asmath
39	318126508039	Siraparapu Bhanu Prasad	S. Prasad
40	318126508040	Srinivasa Rao Vasantula	V. Srinivas
41	318126508041	Surabathini Manoj Kumar	S. Manoj
42	318126508043	Terapalli Shonit	Shonit
43	318126508044	Thonangi Chaithanya Reddy	Chaithanya
44	318126508045	Valluru Karthik	Karthik
45	319126508L01	Pelluri Siva Naga Durga	P. S. Naga Durga
46	319126508L03	Munubarti Prasanth Kumar	M. Prasanth
47	319126508L05	Adari Vijay Chandra	AD
48	319126508L06	Bhanavath Vasu Naik	B. Vasu Naik
49	319126508L07	Gantyada Naveen	G. Naveen
50	319126508L08	Cheekati Akhil	C. Akhil
51	319126508L10	Chaitanya Suvvari	Chaitanya
52	319126508L13	Girish Bathi	G. Bathi
53	319126508L14	Tarun Sai Koyyana	T. Sai Koyyana
54	319126508L15	Praveen Pathivada	P. Pathivada
55	319126508L17	Govind Gara	G. Gara
56	319126508L18	Venkatesh Yelugubantla	V. Yelugubantla
57	319126508L19	Paluri Naveen Kumar	P. Naveen Kumar
58	R24	Kare Satish	K. Satish
59	R26	Ravi Teja	R. Teja
60	R27	Kaveripakam Sai Litesh	K. Litesh
61	R50	Vimal Raj	V. Raj

No. of Students Attended : 60

(K. Anjaneyulu)

D. B. N. D. Dasini 120
 ME PhD FIE FICB
 Professor & Head
 Department of Civil Engineering
 ANI Networks Institute of Technology and Sciences
 Gandivalasa, Bheemalinga, Nellore District
 525014, Andhra Pradesh, India

**ANIL NEERUKONDA INSTITUTE OF TECHNOLOGY & SCIENCES**

(Affiliated to A.U. Approved by AICTE)

Sungireddy-51162, Huzuramangalam Mandal, Vijayapattanam District-51162
Phone: 08933-225053, 24187 Fax: 226395; Web: www.civilanits.edu.in Email: hod_civil@anits.edu.in
DEPARTMENT OF CIVIL ENGINEERING

Name of the Event: A Value Added Course on "Revit Architecture"

Date: 10/3/21

Attendance Sheet

S.No.	Regd. No.	Name of the Student	Signature
1	318126508001	Adireddi Sobha Umamaheswari	A.sobha
2	318126508002	Ainampudi Manikanta Varma	AM
3	318126508003	Akula Venkata Sai Raveendra	A.V.S.R
4	318126508004	Anyapu Dharani	A.Dharani
5	318126508005	Balaka Vinay Kumar	B.V.Kumar
6	318126508006	Bandaru Sampath Kumar	B.S.K
7	318126508007	Beera Jayadeep	B.Jayadeep
8	318126508008	Bennabathula Satya	Satya
9	318126508009	Bonthu Pavan Sai	B.P.S
10	318126508010	Chepala Anil	C.Anil
11	318126508011	Dadi Rakesh Kumar	D.R.K
12	318126508012	Gorle Naveen	G.Naveen
13	318126508013	Gujjali Pavan Kumar	G.P.K
14	318126508014	Inapuram Manoj	I.Manoj
15	318126508015	Janni Sai Ganesh	J.S.G
16	318126508016	Kadiyam Krishna	K.Krishna
17	318126508017	Kandula Nagendra	K.Nagendra
18	318126508018	Kare Purnesh	K.Purnesh
19	318126508019	Karri Chanukya	K.Chanukya
20	318126508020	Killi Dileep Kumar	K.Dileep
21	318126508021	Kolakaluri Harika	K.Harika
22	318126508022	Koyya Satish Reddy	K.S.Reddy
23	318126508023	Krishnoth Ravi Teja	K.R.T
24	318126508024	Kumerashan Hariprasad	K.H.P
25	318126508025	Tarun Lagudu	T.Lagudu
26	318126508026	Lanka Jaya Mourya Sai	L.J.M.Sai
27	318126508027	Mamidi Thanush Naidu	M.T.Naidu
28	318126508028	Manapuram Pravallika	M.P.Pravallika
29	318126508029	Pavan Kumar	P.Kumar
30	318126508030	Mudili Likhita	M.Likhita
31	318126508031	Nagothi Dhana Kishore	N.D.Kishore
32	318126508032	Nali Harshadeep	N.Harshadeep
33	318126508033	Palaka Lakshmi Venkata Siva Sai Rahul	P.L.V.S.Sai Rahul
34	318126508034	Parapathi Vidya Vivek	P.V.Vivek

S.No.	Regd. No.	Name of the Student	Signature
35	318126508035	Pitchika Sandeep	[Signature]
36	318126508036	Reddi Naveen	[Signature]
37	318126508037	Setti Kishore	[Signature]
38	318126508038	Shaik Asmath Ali	[Signature]
39	318126508039	Siraparapu Bhanu Prasad	[Signature]
40	318126508040	Srinivasa Rao Vasantula	[Signature]
41	318126508041	Surabathini Manoj Kumar	[Signature]
42	318126508043	Terapalli Shonit	[Signature]
43	318126508044	Thoningi Chaithanya Reddy	[Signature]
44	318126508045	Valluru Karthik	[Signature]
45	319126508L01	Pelluri Siva Naga Durga	[Signature]
46	319126508L03	Munubarti Prasanth Kumar	[Signature]
47	319126508L05	Adari Vijay Chandra	[Signature]
48	319126508L06	Bhanavath Vasu Naik	[Signature]
49	319126508L07	Gantayada Naveen	[Signature]
50	319126508L08	Cheekati Akhil	[Signature]
51	319126508L10	Chaitanya Suvvari	[Signature]
52	319126508L13	Girish Bathi	[Signature]
53	319126508L14	Tarun Sai Koyyana	[Signature]
54	319126508L15	Praveen Pathivada	[Signature]
55	319126508L17	Govind Gara	[Signature]
56	319126508L18	Venkatesh Yelugubantla	[Signature]
57	319126508L19	Paluri Naveen Kumar	[Signature]
58	R24	Kare Satish	[Signature]
59	R26	Ravi Teja	[Signature]
60	R27	Kaveripakam Sai Litesh	[Signature]
61	R50	Vimal Raj	[Signature]

No. of Students Attended : 50

[Signature]
(R. Srinivasan)

Dr. B.N.D. Narasimha Rao
ME PhD FIS FIGR
Professor & Head
Department of Civil Engineering
Anil Neerukonda Institute of Technology and Sciences
Wangalvalasa, Bheemavaram, Srisailam
Vishakhapatnam - 531139

**ANIL NEERUKONDA INSTITUTE OF TECHNOLOGY & SCIENCES**

(Affiliated to A.U. Approved by AICTE)
Sangrahalaxa-511162, Bhimavaram Mandal, Vijayapattanam District-511162
Phone: 08933-225083/34/35 Fax: 226385; Web: www.civil.anits.edu.in Email: hod_civil@anits.edu.in
DEPARTMENT OF CIVIL ENGINEERING

Name of the Event: A Value Added Course on "Revit Architecture"

Date: 11/2/21

Attendance Sheet

S.No.	Regd. No.	Name of the Student	Signature
1	318126508001	Adireddi Sobha Umamaheswari	A. Sobha
2	318126508002	Ainampudi Manikanta Varma	MV
3	318126508003	Akula Venkata Sai Raveendra	A. Venkata Sai Raveendra
4	318126508004	Anyapu Dharani	A. Dharani
5	318126508005	Balaka Vinay Kumar	B. Vinay
6	318126508006	Bandaru Sampath Kumar	B. Sampath
7	318126508007	Beera Jayadeep	B. Jayadeep
8	318126508008	Bennabathula Satya	Satya
9	318126508009	Bonthu Pavan Sai	B. Pavan Sai
10	318126508010	Chepala Anil	Chepala Anil
11	318126508011	Dadi Rakesh Kumar	D. Rakesh Kumar
12	318126508012	Gorle Naveen	G. Naveen
13	318126508013	Gujjali Pavan Kumar	G. Pavan Kumar
14	318126508014	Inapuram Manoj	I. Manoj
15	318126508015	Janni Sai Ganesh	J. Sai Ganesh
16	318126508016	Kadiyam Krishna	K. Krishna
17	318126508017	Kandula Nagendra	K. Nagendra
18	318126508018	Kare Purnesh	K. Purnesh
19	318126508019	Karri Chanukya	K. Chanukya
20	318126508020	Killi Dileep Kumar	K. Dileep Kumar
21	318126508021	Kolakaluri Harika	K. Harika
22	318126508022	Koyya Satish Reddy	K. Satish Reddy
23	318126508023	Krishnoth Ravi Teja	K. Ravi Teja
24	318126508024	Kumerashan Hariprasad	K. Hariprasad
25	318126508025	Tarun Lagudu	T. Lagudu
26	318126508026	Lanka Jaya Mourya Sai	L. Mourya Sai
27	318126508027	Mamidi Thanush Naidu	M. Thanush Naidu
28	318126508028	Manapuram Pravallika	M. Pravallika
29	318126508029	Pavan Kumar	P. Kumar
30	318126508030	Mudili Likhita	M. Likhita
31	318126508031	Nagothi Dhana Kishore	N. Kishore
32	318126508032	Nali Harshadeep	N. Harshadeep
33	318126508033	Palaka Lakshmi Venkata Siva Sai Rahul	P. Siva Sai Rahul
34	318126508034	Parapathi Vidya Vivek	P. Vidya Vivek

S.No.	Regd. No.	Name of the Student	Signature
35	318126508035	Pitchika Sandeep	<i>[Signature]</i>
36	318126508036	Reddi Naveen	<i>[Signature]</i>
37	318126508037	Setti Kishore	<i>[Signature]</i>
38	318126508038	Shaik Asmath Ali	<i>[Signature]</i>
39	318126508039	Siraparapu Bhanu Prasad	<i>[Signature]</i>
40	318126508040	Srinivasa Rao Vasantula	<i>[Signature]</i>
41	318126508041	Surabathini Manoj Kumar	<i>[Signature]</i>
42	318126508043	Terapalli Shonit	<i>[Signature]</i>
43	318126508044	Thoningi Chaithanya Reddy	<i>[Signature]</i>
44	318126508045	Valluru Karthik	<i>[Signature]</i>
45	319126508L01	Pelluri Siva Naga Durga	<i>[Signature]</i>
46	319126508L03	Munubarti Prasanth Kumar	<i>[Signature]</i>
47	319126508L05	Adari Vijay Chandra	<i>[Signature]</i>
48	319126508L06	Bhanavath Vasu Naik	<i>[Signature]</i>
49	319126508L07	Gantyada Naveen	<i>[Signature]</i>
50	319126508L08	Cheekati Akhil	<i>[Signature]</i>
51	319126508L10	Chaitanya Suvvari	<i>[Signature]</i>
52	319126508L13	Girish Bathi	<i>[Signature]</i>
53	319126508L14	Tarun Sai Koyyana	<i>[Signature]</i>
54	319126508L15	Praveen Pathivada	<i>[Signature]</i>
55	319126508L17	Govind Gara	<i>[Signature]</i>
56	319126508L18	Venkatesh Yelugubantla	<i>[Signature]</i>
57	319126508L19	Paluri Naveen Kumar	<i>[Signature]</i>
58	R24	Kare Satish	<i>[Signature]</i>
59	R26	Ravi Teja	<i>[Signature]</i>
60	R27	Kaveripakam Sai Litesh	<i>[Signature]</i>
61	R50	Vimal Raj	<i>[Signature]</i>

No. of Students Attended : 52

[Signature]
(K. K. Narasing)

[Signature]
Dr. B.N.D. Narasing Rao
ME PhD FIE FICS
Professor & Head
Department of Civil Engineering
Andhra Pradesh Institute of Technology and Sciences
Sangivalasa, Bheemunipatnam
Vizianagaram, Andhra Pradesh



ANIL NEERUKONDA INSTITUTE OF TECHNOLOGY & SCIENCES
(Affiliated to A.U. Approved by AICTE)
Sangareddy-531162, Bhimavaram Mandal, Visakhapatnam District-531162
Phone: 08933-225043/44/47 Fax: 226395; Web: www.civil.anits.edu.in; Email: hod_civil@anits.edu.in
DEPARTMENT OF CIVIL ENGINEERING

Name of the Event: A Value Added Course on "Revit Architecture"

Date: 12/3/21

Attendance Sheet

S.No.	Regd. No.	Name of the Student	Signature
1	318126508001	Adireddi Sobha Umamaheswari	A. Sobha
2	318126508002	Ainampudi Manikanta Varma	(M.V.)
3	318126508003	Akula Venkata Sai Raveendra	A. VSR
4	318126508004	Anyapu Dharani	A. Dharani
5	318126508005	Balaka Vinay Kumar	B. Vinay
6	318126508006	Bandaru Sampath Kumar	B. SK
7	318126508007	Beera Jayadeep	B. Jayadeep
8	318126508008	Bennabathula Satya	Satya
9	318126508009	Bonthu Pavan Sai	P. Sai
10	318126508010	Chepala Anil	Chepala Anil
11	318126508011	Dadi Rakesh Kumar	(R.K.)
12	318126508012	Gorle Naveen	Gorle Naveen
13	318126508013	Gujjali Pavan Kumar	Gujjali Pavan
14	318126508014	Inapuram Manoj	Inapuram Manoj
15	318126508015	Janni Sai Ganesh	(S.G.)
16	318126508016	Kadiyam Krishna	K. Krishna
17	318126508017	Kandula Nagendra	(N.K.)
18	318126508018	Kare Purnesh	Purnesh
19	318126508019	Karri Chanukya	K. Chanukya
20	318126508020	Killi Dileep Kumar	K. Dileep
21	318126508021	Kolakaluri Harika	K. Harika
22	318126508022	Koyya Satish Reddy	Satish Reddy
23	318126508023	Krishnoth Ravi Teja	(R.T.)
24	318126508024	Kumerashan Hariprasad	Kumerashan
25	318126508025	Tarun Lagudu	Tarun
26	318126508026	Lanka Jaya Mourya Sai	J. Mourya
27	318126508027	Mamidi Thanush Naidu	M. Thanush
28	318126508028	Manapuram Pravallika	M. Pravallika
29	318126508029	Pavan Kumar	Pavan
30	318126508030	Mudili Likhita	M. Likhita
31	318126508031	Nagothi Dhana Kishore	N. Kishore
32	318126508032	Nali Harshadeep	(H.S.)
33	318126508033	Palaka Lakshmi Venkata Siva Sai Rahul	P. Rahul
34	318126508034	Parapathi Vidya Vivek	P. Vivek

S.No.	Regd. No.	Name of the Student	Signature
35	318126508035	Pitchika Sandeep	
36	318126508036	Reddi Naveen	
37	318126508037	Setti Kishore	
38	318126508038	Shaik Asmath Ali	
39	318126508039	Siraparapu Bhanu Prasad	
40	318126508040	Srinivasa Rao Vasantula	
41	318126508041	Surabathini Manoj Kumar	
42	318126508043	Terapalli Shonit	
43	318126508044	Thongi Chaithanya Reddy	
44	318126508045	Valluru Karthik	
45	319126508L01	Pelluri Siva Naga Durga	
46	319126508L03	Munubarti Prasanth Kumar	
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48	319126508L06	Bhanavath Vasu Naik	
49	319126508L07	Gantyada Naveen	
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51	319126508L10	Chaitanya Suvvari	
52	319126508L13	Girish Bathi	
53	319126508L14	Tarun Sai Koyyana	
54	319126508L15	Praveen Pathivada	
55	319126508L17	Govind Gara	
56	319126508L18	Venkatesh Yelugubantla	
57	319126508L19	Paluri Naveen Kumar	
58	R24	Kare Satish	
59	R26	Ravi Teja	
60	R27	Kaveripakam Sai Litesh	
61	R50	Vimal Raj	

No. of Students Attended : 51

(K. Subraya)

Dr. B.N.D. Narasim, IAO
ME PhD FIE FICS
Professor & Head
Department of Civil Engineering
Andhra Pradesh Institute of Technology and Sciences
Harihivada, Bhimadole, Bheemadole, Andhra Pradesh
Vizag Phone No: 821102

ANIL NEERUKONDA INSTITUTE OF TECHNOLOGY & SCIENCES (AI)

(Affiliated to AU, Approved by AICTE, Accredited by NAAC with 'A' Grade)
Sangivalasa - 531162, Bheemunipatnam (M), Visakhapatnam (Dt), AP



**Department of Civil Engineering &
Institution of Engineers (India) ANITS Students Chapter**

**A Value Added Course on
"Revit Architecture"**

CERTIFICATE

This is to certify that Mr./Ms. KARE PURNESH studying 2018-22, ANITS bearing Regd. No. 318126508018 has actively participated and completed a value added Course on "Revit Architecture" organized by Department of Civil Engineering, ANITS during 8th March to 12th March , 2021.


Prof. B.N.D Narasinga Rao
HoD-Civil, ANITS


Mr. Yuva Rahul
Structural Engineer,
Morrison Hershfield Pvt. Ltd.



**ANIL NEERUKONDA INSTITUTE OF TECHNOLOGY & SCIENCES
(AUTONOMOUS)**

Sangivalasa - 531162, Bheemunipatnam Mandal, Visakhapatnam Dist.
DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGINEERING

Date: 1-03-2021

Circular

Dear students this is to inform you that for all 2/4 EEE students there will be a value-added course conducting on “Design of Electrical Machines” from March 7th to march 12th at simulation lab, E.E.E Dept. In this regard, class work is cancelled during these days. So, all the 2/4 EEE students are requested to attend without fail. Attendance is mandatory.

Copy to

- The principal
- Heads of all the departments

HOD, EEE

Overview

This one-Week Value-Added Course aims to teach the design process for electric motors and generators based upon fundamental theories. It supplements electric machine theory for advanced courses in electric machines.

Course Description

This course covers basic design principles of electrical machines. You will be able to design main parameters of an electric machine such as magnetic and electric loading, number of slots, winding dimensions. Thermal and structural design of electric machines will be also covered.

Course objectives:

- *To develop knowledge on principles of design of static and rotating machines.*
- *Also students must be able to understand the design fundamental concepts, design main dimensions & cooling systems of transformers and main dimensions of rotating machine.*

Course Content

- Day 1: Review of Magnetic circuits
- Day 2: Transformer Design
- Day 3: Windings of electrical machines
- Day 4: Main machine parameters
- Day 5: Basic machine Dimensions
- Day 6: Magnetic current and magnetic losses
- Day 7: Number of slots - machine parameters

Organizing Committee

Chief patron

J. Bharath Reddy CEO, ANES

Patron

Prof.T.V.HANUMATHA RAO Principal

Convener

Dr.G. Raja Rao

Professor & Head-Electrical and Electronics Engineering

Faculty Coordinator

Mr.M. Sudheerkumar, Assistant Professor

Faculty Members:

1. Mr. S.Harish, Assistant Professor
2. Mr. B. Satya Narayana, Assistant Professor
3. Mrs.V. Rangavalli, Assistant Professor
4. Mr.B.Rajasekhar, Assistant Professor



DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

(Accredited by NBA)

Anil Neerukonda Institute of Technology and Sciences
(Autonomous)

Sangivalasa- 531162, Bheemunipatnam Mandal
Visakhapatnam District,

Andhra Pradesh

A ONE-WEEK VALUE ADDED COURSE

On

DESIGN OF ELECTRICAL MACHINES

7th March - 12th March 2021

Convener

Dr. G. Raja Rao

Professor & Head- Electrical and Electronics Engineering

Expert Speaker

Mr.A.Dhanajaya Apparao

Assistant Professor

Department of Electrical And Electronics
Engineering ANITS

Visakhapatnam

ANIL NEERUKONDA INSTITUTE OF TECHNOLOGY & SCIENCES

Class/Section: BTECH-EEE (IV/IV-A)

S.No.	Roll No.	Name of the Student	Signature
1	319126514001	AKUNURI DINESH	A. Dinesh
2	319126514002	ANAND KOMBATHULA	K. Anand
3	319126514003	ANDAVARAPU SUKANTH	Sukantha
4	319126514004	ANNAM NAVYA SREE	A. Navya Sree
5	319126514005	APPALABATHULA GNANESWARI	G. Anneswari
6	319126514006	BALIVADA JASWANTH	B. Jaswanth
7	319126514007	BALLI JEEVAN KUMAR	B. Jeevan Kumar
8	319126514008	BARLA HIMABHARATHI	B. Himabharathi
9	319126514009	BETHAPUDI JACKS PAUL	B. Jacks Paul
10	319126514010	BODDURU SAI KUMAR	B. Sai Kumar
11	319126514011	BOPPADAPU DIVYA	B. Divya
12	319126514012	CHINTA SASI	Ch. Sasi
13	319126514014	DUBBA SAI JAGADEESWARA RAO	D. Sai Jagadeeswara Rao
14	319126514015	DUDHIPALLI HARSHAVARDHAN	D. Harshavardhan
15	319126514016	DUMPA HOMALI	D. Homali
16	319126514017	DWARAPUREDDY REVATHI	D. Revathi
17	319126514018	GANDAVARAPU SIVA	G. Siva
18	319126514019	JAGILINKI NYLU	J. Nylu
19	319126514020	KANDI UMA MAHESWARA RAO	K. Uma
20	319126514021	KARRI HEMA SAI	K. Hema Sai
21	319126514022	KARRI ROHIT VARMA	K. Rohit Varma
22	319126514023	KATYAYANI BALLA	B. Katyayani
23	319126514024	KORADA VENKATA SAI	Korada V. Sai
24	319126514025	LANKALAPALLI RAVI KUMAR	Ravi Kumar
25	319126514026	LANKAVALASA JAYARAM KASINADH	L. Jayaram Kasinadh
26	319126514027	LOKESH GOTTAPU	G. Lokesh
27	319126514028	MAJI JAYASRI	M. Jayasri
28	319126514029	MALLEBOYINA VENKATA BALAJI	M. Venkata Balaji
29	319126514030	MARICHARLA LAHARI	M. Lahari
30	319126514031	MIRIYALA VARUN KUMAR GANGA RAJU	Varun Kumar. G.
31	319126514032	MOKKA PRAVALLIKA SRIJA	M. Pravalika Srija
32	319126514033	NAGA DURGA BHAVANI	N. Durga
33	319126514034	NAYUDU RITHIKA	N. Rithika
34	319126514035	NOOKA RAJASEKHAR	N. Rajasekhara
35	319126514036	PAIDI SHIVAJEE	P. Shivajee
36	319126514037	PENKI RAHUL KUMAR	P. Rahul Kumar
37	319126514038	PHANIKUMAR UMMIDI	P. Umidi
38	319126514039	POLA VENKATESH	P. Venkatesh
39	319126514040	POLAKI RAVI KUMAR	P. Ravi Kumar
40	319126514041	PONNAGANTI SIVA RAMESH KUMAR	P. S. Ramesh Kumar
41	319126514042	RONGALI HARI KISHORE	R. Hari Kishore
42	319126514043	SAMALA AVINASH	S. Avinash
43	319126514044	SARIPALLI AKHIL	S. Akhil

44	319126514045	SAVU ARUN	S. Arun
45	319126514046	TIRRI GUNA PRASANTH	T. Prasanth
46	319126514047	TURPATI NISHANTH	T. Nishanth
47	319126514048	VELAGA SRINIVASA RAO	V. Srinivasa Rao
48	319126514049	VEMURU SWATHI	V. Swathi
49	319126514050	VUYURU PRIYANKA REDDY	V. Priyanka Reddy
50	319126514051	YAVVARI PRANEET	Y. Praneeth
51	319126514052	YEDDULA NAVEEN KUMAR REDDY	Y. Naveen Kumar Reddy
52	320126514L01	NETTIMI PRAVALIKA	N. Pravalika
53	320126514L02	CHINTAPALLI YOHITHA	Yohitha
54	320126514L03	SHAIK IRFAN	S. Irfan
55	320126514L04	MANEPALLI TARUN SIVA PRASAD	M. Tarun Siva Prasad
56	320126514L05	GODI SUMANTH	G. Sumanth
57	320126514L06	KADARI ESHITHA	K. Eshitha
58	320126514L07	PEDAMATLA GEETHA	P. Geetha
59	320126514L08	BALIVADA TIRUMALA SAI	B. Tirumalasa
60	320126514L09	ALLU PRIYANKA	A. Priyanka
61	320126514L10	VOOTADA PRAGYNA	P. Pragyna

Class/Section: BTECH-EEE [IIV-IV-B]

S.No.	Roll No.	Name of the Student	Signature
1	319126514053	ANNAPAREDDY HARI VIGNESH	A Hari
2	319126514055	BANTUBILLI VJAY KUMAR	B.Vijay Kumar
3	319126514056	BOGANA BALA RAMA	Balanama
4	319126514057	CHALLA TEJA VENKATA SAI DURGA PRASAD	Teja
5	319126514058	CHINTAGUNTI HARSHA VARDHAN	Ch Harsha
6	319126514059	CHITRADA LAHARI SRIYA	ch.lahari.sriya
7	319126514060	GANDRATI CHARISHMA	Char
8	319126514061	GANJI PRAVEEN	Ganji Praveen
9	319126514062	HAMANDU DIVYA SAHITHI	H.Divya Sahithi
10	319126514063	JEEVAN SAI BADANA	Jeevan Sai Badana
11	319126514064	JONNAPALLI SAI BHASKAR	Jonnappalli Sai Bhaskar
12	319126514065	KALAGA SAI	Kalaga Sai
13	319126514066	KALLA SAI KUMAR	Kalla Sai Kumar
14	319126514067	KARATAM MOUNIKA	Karatam Mounika
15	319126514069	KOTLA BHASKAR PAVAN KUMAR	Kotla Bhaskar Pavan Kumar
16	319126514070	KOTTAPALLI CHITTIRAJA ACHARI	Kottapalli Chittiraja Achari
17	319126514071	KUDETI GIRIDHAR	Kudeti Giridhar
18	319126514072	KUNDRAPU CHANDU	Kundrapu Chandu
19	319126514073	LENKA BHARATHI	Lenka Bharathi
20	319126514074	MAHANTHI DHARMA SASTRA NAIDU	Mahanthi Dharma Sastri Naidu
21	319126514075	MANOHAR SURAGALA	Manohar Suragala
22	319126514076	NADITHOKA KAMESWARA RAO	Nadithoka Kameswara Rao
23	319126514077	NALAMATI OM SAI VIJAYESH	N.O.S. Vijayesh
24	319126514078	NALLANA SASIKANTH CHOWDHARY	N.Sasi Kanth
25	319126514079	PADALA DIVYA PRAVALIKA	Divya Pravalika
26	319126514080	PADDA HEMANTH	P.Hemant
27	319126514081	PALATERU RENEETH	Reneth
28	319126514082	PAMU YASWANTH	Pamu Yaswanth
29	319126514083	PENTA YUVA KISHORE	P.Yuva Kishore
30	319126514084	PONNADA MOHAN	P.Mohan
31	319126514085	REGIDI PREM KUMAR	R.Prem Kumar
32	319126514086	SANAPALA HARSHA VARDHAN	Harsha
33	319126514087	SANKILI SARA EVANGELNI	S.Sara Evangelni
34	319126514089	SIRIGIRISETTY SURYA TEJA	S.Surya Teja
35	319126514090	SUNKARA MANOHAR	S.Manohar
36	319126514091	SAMHITHA	Samhitha
37	319126514092	THOGUROTHU SIVA	T.Siva
38	319126514093	VASAMSETTI LOKESH SAI RAM	Lokesh
39	319126514094	MANOJ	Manoj
40	319126514095	VEMPATAPU UMA MAHESHWARA RAO	V.Vempatapu Uma Maheshwara Rao
41	320126514L11	PRASADA SUNIL KUMAR	P.Sunil
42	320126514L12	DARLA V S S N PRASANTH	D.V.S.S.N. Prasanth

43	320126514L13	BANKA BHARATHI KUMAR	
44	320126514L14	THOTA VENKATESH	T. Venkatesh
45	320126514L15	L SUSHMA	L. Sushma
46	320126514L16	POLAMARASETTY LOKESH KUMAR	Lokesh
47	320126514L17	DODDI LOKESH	Lokesh
48	320126514L18	PANGI SAI KRISHNA	P. Sai Krishna
49	320126514L19	MADABATTULA JEEVAN PRAKASH	M. Jeevan
50	320126514L20	SEERAPU VISWESWARARAO	Viswarao
51	320126514L21	GUJU AKHIL REDDY	Akhil Reddy
52	320126514L22	TIRLANGI ESWAR KUMAR	Eswar
53	320126514L23	SALAPU MANIKANTA KAMALAKAR	Kamalakar
54	320126514L24	GONNA NOOKESH	G. Nookesh
55	320126514L25	VAKADA MANIKANTA	V. Manikanta
56	320126514L26	DHUBA RAJASEKHAR	D. Rajasekhara
57	320126514L27	KONDALA NEELIMA	Neelima
58	320126514L28	SURI SAHYNDHAVI	S. Sai Hyndhavi
59	320126514L29	L NAYADAMMA	L. Nayadamma
60	320126514L30	KANURI BINDU SAGAR	K. Bindu Sagar



ANIL NEERUKONDA INSTITUTE OF TECHNOLOGY & SCIENCES
(AUTONOMOUS)

Sangivalasa - 531162, Bheemunipatnam Mandal, Visakhapatnam Dist.
DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGINEERING

Academic Year 2020-2021

Name Of The Course	Design Of Electrical Machines
Name Of The Faculty	Mr.A.Dhanamajaya Apparao
Total No . Of Students Registered	178
Total No . Of Students Completed The Course	178
Duration Of Course	30 hrs


COURSE OUTCOMES:

- Able to demonstrate the Principles of Design Of Static And Rotating Machines.
- Analyze the dimensions of machines according to specifications.
- Identify no of stator and rotor slots of machines.
- Apply different techniques to get main dimensions of electrical machines.

Conclusion:

A one week value-added course on “**DESIGN OF ELECTRICAL MACHINES**” for all 2nd year students of EEE, ANITS was organized at the Institute by Department of Electrical and Electronics Engineering. All the 2nd year students of EEE Dept have participated in this program. Prof.G.Raja Rao, HOD of EEE department had presided over the program. Mr.N.Kameshwar Rao, II/IV-EEE Section B, welcomed the participants and Resource Person Mr.A.Dhanamajaya Appa Rao. They shared the information about Design of electrical machines. In the valedictory program held at the end, students gave the feedback explaining how the program helped them to improve knowledge on machines in a better way. Mr.N.Kameshwar Rao, II/IV-EEE Section B presented the Vote of thanks.

Signature of the faculty


Head of the Department
ELECTRICAL & ELECTRONICS ENGG
ANITS, Sangivalasa,
Visakhapatnam-531 162



ANIL NEERUKONDA INSTITUTE OF TECHNOLOGY & SCIENCES

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Accredited by NBA (IT,CSE,EEE,ECE, and Mech) & accredited by NAAC with "A" Grade

Sangivalasa - 531162, Bheemunipatnam (Mandal), Visakhapatnam (Dist.)

Phone: 08933 - 225083, 225084, 226131, Fax: 08933-226395

Email: principal@anits.edu.in

COLLEGE CODE - ANIL

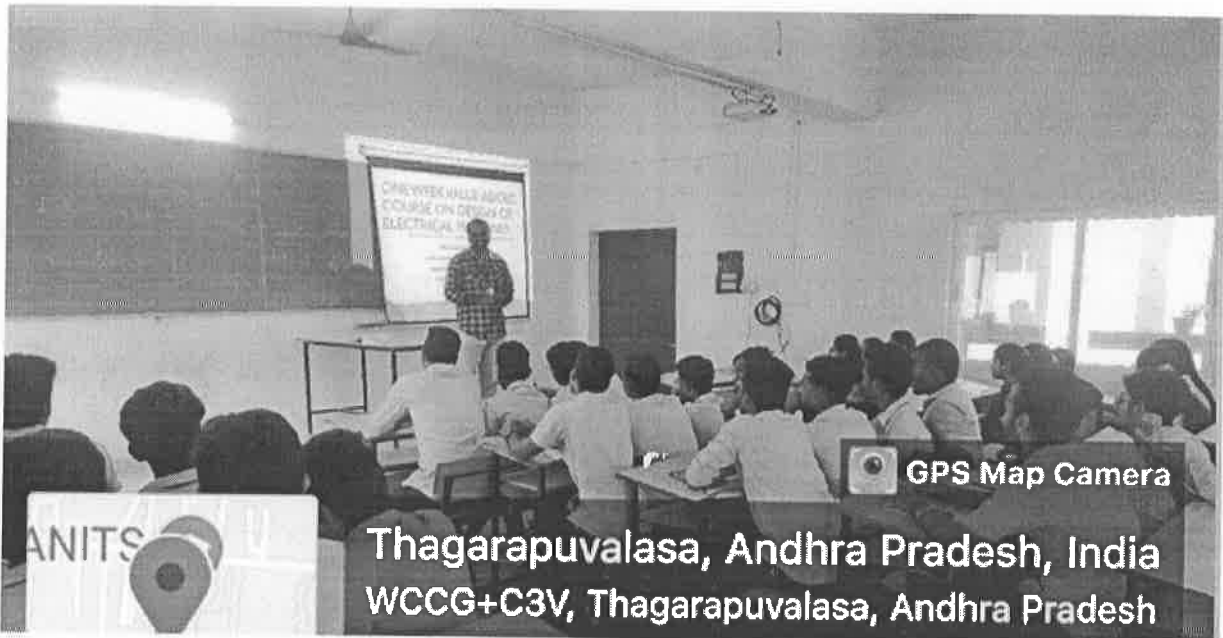


Academic Year 2020-2021

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

**Report of Value-added course on "DESIGN
OF ELECTRICAL MACHINES" on**

12/03/2021



**Thagarapuvalasa, Andhra Pradesh, India
WCCG+C3V, Thagarapuvalasa, Andhra Pradesh**

A value-added course on “**Design Of Electrical Machines**” for all 2nd year students of EEE, ANITS was organized at the Institute by Department of Electrical and Electronics Engineering. All the 2nd year students of EEE Dept have participated in this program. Prof. G. Raja Rao, HOD of EEE department had presided over the program. Mr B. VARA PRASAD., II/IV-EEE Section C, welcomed the participants and Resource Person Mr. A. Dhanamajaya Appa Rao. They shared the information Design of electrical machines. In the valedictory program held at the end, students gave their feedback explaining how the program helped them to improve knowledge on machines in a better way. Mr B. VARA PRASAD., II/IV-EEE Section C

Presented the Vote of thanks.


Dr. G. Raja Rao
Head of the Department
Professor & Head, EEE
ELECTRICAL & ELECTRONICS ENGG
ANITS, Sanghavalasa,
Visakhapatnam-531 162



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Approved by AICTE and Accredited by NBA & NAAC with 'A' Grade

CERTIFICATE OF PARTICIPATION

This is to certify that **Mr.CH.SASI** has attended a value added course on “**Design of Electrical Machines**”, organized by the **Department of EEE, ANITS (A)**, Visakhapatnam, from 7-03-2021 to 12-03-2021.

Prof. G. Raja Rao
HOD EEE

Prof. T V Hanumantha Rao
Prof. & Principal



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CERTIFICATE OF PARTICIPATION

This is to certify that **Mr.S.AKHIL** has attended a value added course on “Design of Electrical Machines ”, organized by the Department of EEE, ANITS (A), Visakhapatnam, from 7-03-2021 to 12-03-2021

Prof. G. Raja Rao
HOD EEE

Prof. T V Hanumantha Rao
Prof. & Principal



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CERTIFICATE OF PARTICIPATION

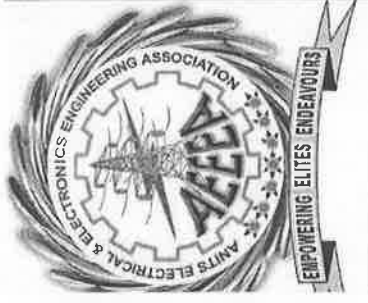
This is to certify that **Mr.K.SAI** has attended a value added course on “**Design of Electrical Machines**”, organized by the **Department of EEE, ANITS (A)**, Visakhapatnam, from 7-03-2021 to 12-03-2021.

S. G. Raja Rao

Prof. G. Raja Rao
HOD EEE

T. V. Hanumantha Rao

Prof. T V Hanumantha Rao
Prof. & Principal



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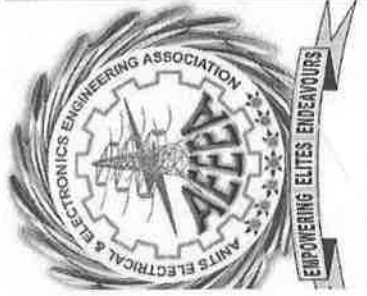
Approved by AICTE and Accredited by NBA & NAAC with 'A' Grade

CERTIFICATE OF PARTICIPATION

This is to certify that **Ms.M.P.YESWANTH** has attended a value added course on
“**Design of Electrical Machines**”, organized by the **Department of EEE, ANITS**
(A), Visakhapatnam, from 7-03-2021 to 12-03-2021..

Prof. G. Raja Rao
HOD EEE

Prof. T V Hanumantha Rao
Prof. & Principal



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CERTIFICATE OF PARTICIPATION

This is to certify that **Mr.G.NOOKESH** has attended a value added course on
“**Design of Electrical Machines**”, organized by the **Department of EEE, ANITS**
(A), Visakhapatnam, from 7-03-2021 to 12-03-2021.

Prof. G. Raja Rao
HOD EEE

Prof. T V Hanumantha Rao
Prof. & Principal



ANIL NEERUKONDA INSTITUTE OF TECHNOLOGY & SCIENCES

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Sangivalasa 531 162, BhemuniapatnamMandal, Visakhapatnam Dist

DEPARTMENT OF CHEMICAL ENGINEERING

Date:25-02-2021

DEPARTMENT CIRCULAR

All the III/IV B. Tech. students of Chemical Engineering are hereby informed to attend the Value-added course on "MATLAB TOOLS" conducted by Mr. M. Koteswara Rao, Assistant Professor of our Department at Simulation laboratory, ECE department. The schedule is as follows:

Date & Day	Topic
01-03-2021(Monday)	Basics of MATLAB
02-03-2021 (Tuesday)	Working with Matrices, Scripts and functions
03-03-2021 (Wednesday)	Linear algebra
04-03-2021 (Thursday)	Curve fitting and interpolation
05-03-2021 (Friday)	Ordinary Differential equations
06-03-2021 (Saturday)	Graphics and Simulink

Ch. Anil 25/2/21
Dr. Ch. Anil
HoD
DEPARTMENT OF CHEMICAL
Engineering

VALUE ADDED COURSE
on

MATLAB TOOLS
1st - 6th March, 2021

Organized by



**Department of Chemical Engineering
&
Student Chapter of
Indian Institute of Chemical Engineers
Waltair Regional Centre**

Anil Neerukonda Institute of Technology and
Sciences (A)
Sangivalasa - 531162
Visakhapatnam Dist, A.P.

ABOUT THE VALUE ADDED COURSE:

MATLAB is an indispensable asset for scientists, researchers and engineers. The richness of MATLAB computational environment combined with an integrated development environment and straight forward interface, tool kits, and simulation and modelling capabilities creates research and development tool that has no equal platform. MATLAB is a high-performance language for technical computing. It integrates computation, visualization and programming in an easy-to-use environment where problems and solutions are expressed in familiar mathematical notation. Typical uses include: Math and computation, Algorithm development, Modelling, Simulation and prototyping, Data Analysis, exploration and visualization, Scientific and engineering graphics and Application development including Graphical User Interface Building. This workshop mainly comprises with a hands-on approach and focus on problem solving with the powerful MATLAB computing tool. The course is designed for students with only a basic college algebra and computer background. Numerous examples are drawn from a range of engineering disciplines demonstrating MATLAB applications to a broad variety of problems.

Course outcomes:

The student will be able to

- 1) Solve linear, non-linear algebraic and ODE equations
- 2) Analyze and interpret the data

Course Modules: (09:00 AM to 04:30 PM)

Day 1: Basics of MATLAB

Day 2: Working with Matrices, Scripts and functions

Day 3: Linear algebra

Day 4: Curve fitting and interpolation

Day 5: Ordinary Differential equations

Day 6: Graphics and Simulink

Schedule:

Session 1: 09:00 AM to 10:30 AM

Session 2: 10:45 AM to 12:15 PM

Session 3: 01:00 PM to 02:30 PM

Session 4: 02:45 PM to 04:15 PM

Resource Persons:

Dr. K. China Malakondaiah

Mr. M. Koteswara Rao

Mr. B. Pradeep Santosh Kumar

Ms. S. Harika

Dept. of Chemical Engineering, ANITS

Coordinator:

Mr. M. Koteswara Rao

Dept. of Chemical Engineering, ANITS

Mobile No.: 7032362162

Email: koteswararao.che@anits.edu.in

Convenor:

Dr. Ch. Anil, HoD, ChE, ANITS



**ANIL NEERUKONDA INSTITUTE OF TECHNOLOGY & SCIENCES
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Sangivalasa 531 162, Bheemunipatnam Mandal, Visakhapatnam Dist

DEPARTMENT OF CHEMICAL ENGINEERING

**VALU ADDED COURSE ON MATLAB TOOLS (01-03-2021 TO 06-03-2021)
MATLAB EXERCISES HANDOUT**

Day 1: Introduction to MATLAB

1.1) Solve $\frac{2^5}{2^5 - 1}$

1.2) Solve $\frac{\sqrt{5}}{2}$

1.3) Solve $e^{\pi\sqrt{163}}$

1.4) Solve $\sin \frac{\pi}{6} + \log(10)$

1.5) Solve $\sin^2 \frac{\pi}{6} + \cosh^2 32\pi$

1.6) Find the largest number from the given numbers (2, 3, 0.5, 10, 200, 2.5, e^{-2}).

1.7) Find the remainder for 12/5.

1.8) Find the set of even numbers from (25, 45, 1002, 22, 44, 89, 108).

1.9) Find the value for $5P_3$ and $5C_3$.

1.10) Find the prime number from (2, 3, 5, 10, 15, 17, 22, 23, 45, 60, 63).

Day 2: MATRICES

2.1) Read a matrix from user, $A = [2 \ 4 \ 6; 3 \ 6 \ 9; 4 \ 8 \ 12]$.

2.2) Transpose a given matrix, $B = [2 \ 4 \ 6; 3 \ 6 \ 9]$.

2.3) Find the inverse of 2x2 matrix $C = [100 \ 200; 15 \ 30]$.

2.4) Operate element operations and perform multiplication, division for A and B matrices

2.5) Find the determinant of C matrix.

Day 3: Linear algebra

3.1) Find the roots of a polynomial equation (single variable) $2x^2 + 10x + 1 = 0$.

3.2) Find the roots of a set of polynomial equations (multi-variable)

$5x = 3y - 2z + 10;$

$8y + 4z = 3x + 20;$

$2x + 4y - 9z = 9;$

3.3) Find the roots of a set of polynomial equations by MATRIX method

$$x+2y+3z=1; \quad 3x+3y+4z=1; \quad 2x+3y+3z=2;$$

Day 4: Curve fitting and interpolation

4.1) Plot x vs. y data and fit a linear curve

x	5	10	20	50	100
y	15	33	53	140	301

4.2) Plot t vs. P and fit a non-linear curve

t	0	0.5	1.0	5.0	10.0	20.0
P	760	625	528	85	14	0.16

4.3) Interpolate y at x=3.5 using the following x-y data

x	0	0.785	1.570	2.356	3.141	3.927	4.712	5.497	6.283
y	0	0.707	1.000	0.707	0.000	-0.707	-1.000	-0.707	-0.000

4.4) Rework problem 4.2 using cftool.

4.5) Use sftool to plot the function $z=xy^2$ between -3 to 3 for both x and y values.

Day 5: Ordinary Differential equations

5.1) Solve $\frac{dx}{dt} = x + t$ with the initial condition $x(0)=0$.

5.2) Solve $\ddot{\theta} + \omega^2 \sin \theta = 0$ with the initial conditions $\theta(0) = 1$ and $\dot{\theta}(0) = 0$

Day 6: Graphics and Simulink

6.1) Plot $x = e^{-t}$, $y = t$ for t values 0 to 360.

6.2) Plot $y_1 = e^{-x} \sin x$ and $y_2 = e^x$ for x values 0 to 10.

6.3) Plot 3-D contour lines for $z = -\frac{5}{1+x^2+y^2}$ for x and y < 3

6.4) Draw a feedback control loop for $G_p = \frac{e^{-s}}{s}$ and $G_c = 2\left(1 + \frac{1}{3s}\right)$ using simulink library.

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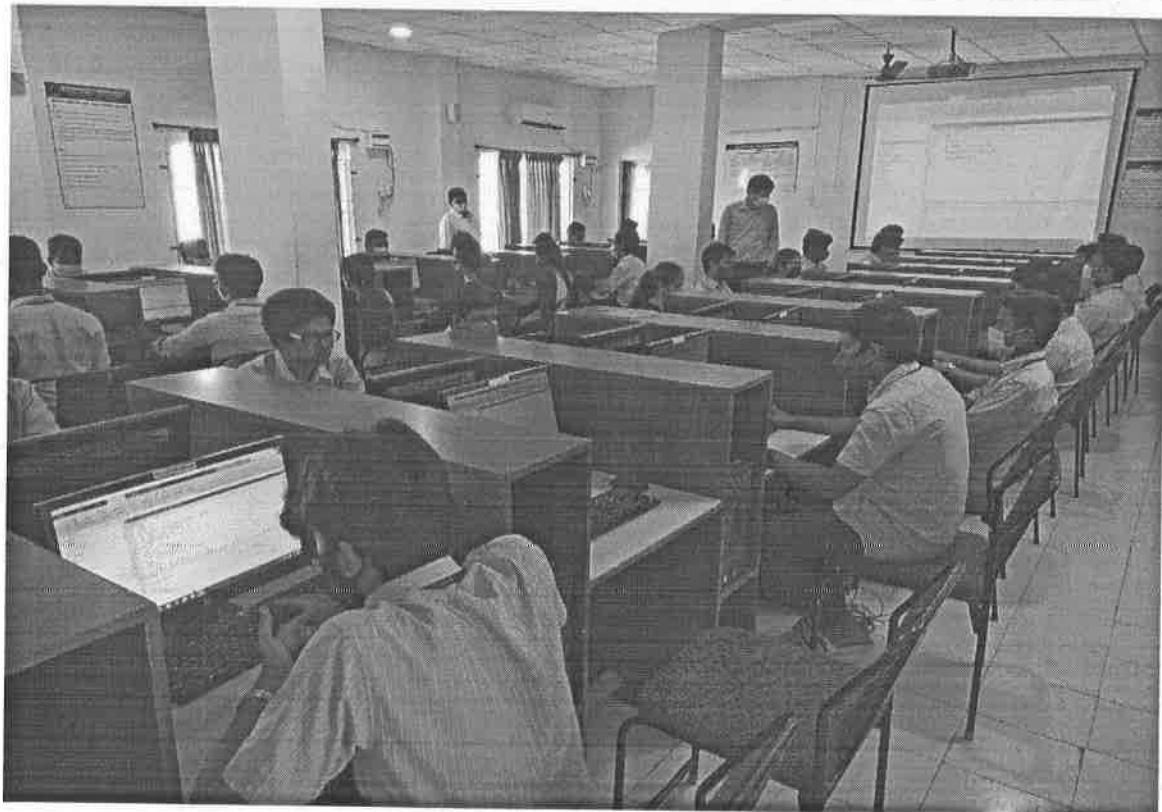
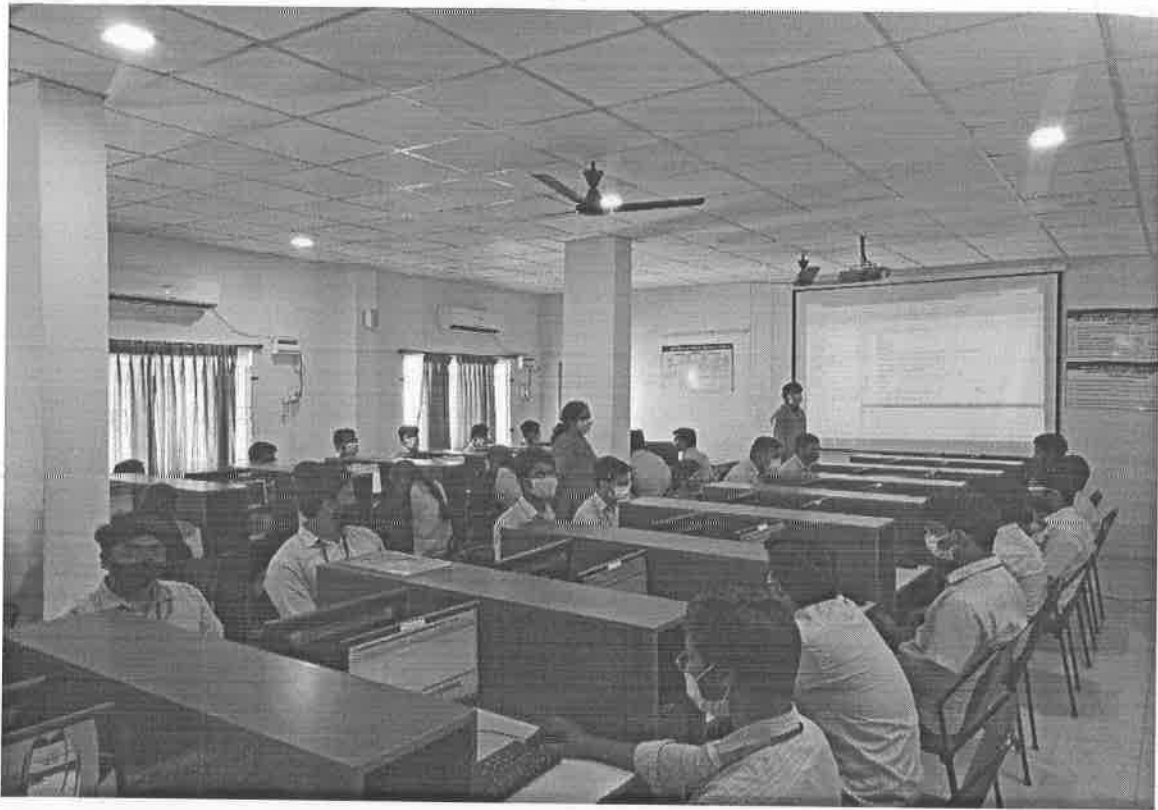
DEPARTMENT OF CHEMICAL ENGINEERING

Report on Value added course on "MATLAB Tools"

The Department of Chemical Engineering, ANITS, Visakhapatnam, in association with ANITS IChE Students chapter under Waltair Regional Centre organized a Value-added course on, "MATLAB Tools", during 01-02-2020 to 06-03-2020. The resource persons were Dr. K. China Malakondaiah, Mr. M. Koteswara Rao, Mr. B. Pradeep Santosh Kumar and Ms. S. Harika assistant professors, Department of Chemical Engineering, ANITS. They have explained the origin and uses of MATLAB tool, introduction of MATLAB, Matrices, Linear Algebra, Curve Fitting, Interpolation, Ordinary Differential equations, Graphics and Simulink. Apart from the plenary lectures hands on experience sessions were organised on Basics of MATLAB software, Solving linear and non-linear equations, Curve fitting, Optimization, Differentiation and integration of equations and Simulink. A total 55 students were attended and benefited by the course.

G. Anil
Dr. G. Anil

DEPARTMENT OF CHEMICAL
ENGINEERING (HOD)



Hands on experience sessions of Value added course on "MATLAB TOOLS", during 01-03-2021 to 06-03-2021



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SANGIVALASA 531 162, BHEEMUNIPATNAM MANDAL, VISAKHAPATNAM DIST

DEPARTMENT OF CHEMICAL ENGINEERING



VALUE ADDED COURSE ON MATLAB TOOLS

S.No.	Roll No.	Name of the Student	01-07-21(FW)	01-07-21(AW)	02-07-21(FW)	02-07-21(AW)	03-07-21(FW)	03-07-21(AW)
29	318126502031	Shaik Janibasha	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]
30	318126502032	Sindhuja Krishna Veni Vajjala	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]
31	318126502033	Syed Shameer Rayan	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]
32	318126502034	Tekkam Uday Bhaskar	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]
33	318126502035	Thamatapu Manikanta	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]
34	318126502036	Thotakura Venkata Anudeep Naid	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]
35	318126502037	Vedanaparthi Chetana	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]
36	318126502038	Yerra Laxmi Vara Prasanna	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]
37	319126502L01	Vadapalli Rama Murthy	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]
38	319126502L02	Tentu Sai Kiran	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]
39	319126502L03	Koneti Venkata Vinay	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]
40	319126502L04	Garikina Sai Nivesh	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]
41	319126502L05	Arjilla Uma Mohan Krishna	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]
42	319126502L06	Mediseti Sai Manikanta Vinay	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]
43	319126502L07	Yandru Durga Prasad	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]
44	319126502L08	Polani Viswanadh	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]
45	319126502L09	Bodaballa Sandhya	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]
46	319126502L10	Murapala Aruna Vasavi	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]
47	319126502L11	Merugu Sai Kiran	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]
48	319126502L12	Eethakota Daniel	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]
49	319126502L13	Reddy Vamsidhar	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]
50	319126502L14	Shaik Mansoor Hussain	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]
51	319126502L15	Mondi Kanaka Girija Rani	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]
52	319126502L16	Yelamanchili Narayana Murthy	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]
53	319126502L17	Kothalanka Mutyala Naidu	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]
54	319126502L18	Mylapalli Prasad	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]
55	319126502L19	Devarapalli Efraim	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]
56	319126502L21	Bathina Jagadeswari	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]

Total Students attended = 55



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DEPARTMENT OF CHEMICAL ENGINEERING



VALUE ADDED COURSE ON MATLAB TOOLS

S.No.	Roll No.	Name of the Student	04-02-21(A)	04-02-21(A)	05-03-21(A)	05-03-21(A)	06-03-21(A)	06-03-21(A)
29	318126502031	Shaik Janibasha	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]
30	318126502032	Sindhuja Krishna Veni Vajjala	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]
31	318126502033	Syed Shameer Rayan	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]
32	318126502034	Tekkam Uday Bhaskar	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]
33	318126502035	Thamatapu Manikanta	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]
34	318126502036	Thotakura Venkata Anudeep Naid	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]
35	318126502037	Vedanaparthi Chetana	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]
36	318126502038	Yerra Laxmi Vara Prasanna	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]
37	319126502L01	Vadapalli Rama Murthy	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]
38	319126502L02	Tentu Sai Kiran	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]
39	319126502L03	Koneti Venkata Vinay	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]
40	319126502L04	Garikina Sai Nivesh	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]
41	319126502L05	Arjilla Uma Mohan Krishna	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]
42	319126502L06	Medisetti Sai Manikanta Vinay	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]
43	319126502L07	Yandru Durga Prasad	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]
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54	319126502L18	Mylapalli Prasad	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]
55	319126502L19	Devarapalli Efrain	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]
56	319126502L21	Bathina Jagadeswari	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]

Total = 55

DEPARTMENT OF CHEMICAL ENGINEERING
[Signature]

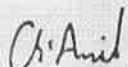
ANIL NEERUKONDA INSTITUTE OF TECHNOLOGY & SCIENCES (A)
(Affiliated to AU, Approved by NBA & NAAC with 'A' grade)
Sangivalasa – 531162, Bheemunipatnam Mandal, Visakhapatnam (Dist.), AP



Certificate of Participation

This is to certify that Mr. / Ms. _____
of _____ has participated in the Value Added Course
on "MATLAB TOOLS" conducted during 01-06, MARCH, 2021 at the Department of Chemical Engineering,
ANITS in association with Student Chapter of Indian Institute of Chemical Engineers, Waltair Regional Centre.


(Mr. M. Koteswara Rao)
Convenor


(Dr. Ch. Anil)
Head of the Department


(Prof. T.V. Hanumantha Rao)
Principal

Overview

This Two-Week Value-Added Course aims to update knowledge on the recent and future trends in Civil engineering using Building Information Modelling (BIM)

Course Description

BIM (Building Information Modelling) is the trending concept in Civil Engineering where we can generate and manage digital representations of physical and functional characteristics of Structural Elements. BIM Model holds all the information about a structure. This model will have thousands of information stored in it related to the structure, right from the smallest nut and bolt, to the largest concrete column in the building.

This interactive workshop accompanied with actual case studies introduces Civil Engineering students the techniques involved in acquiring the information about the Structures by using BIM models, and exposing them to the various roles of a BIM engineer.

Objectives

This course is proposed to generate and impart knowledge on Building Information Modelling (BIM). After Completing Course, Student will be

- Learn what BIM is all about and how to interpret it
- Understand different functionalities of BIM
- Learn how to Mass model a structure using Morph tool
- Generation of 3D Documents from floor plans for execution

Course Content

Day1 - Building Information Modelling Introduction
Day2 - BIM in Construction Management
Day3 - Interpretation of BIM - Benefits of BIM
Day4 - Virtual-Prototyping of Models - Collaboration and Information Management
Day5 - Potential of BIM enabled Models
Day6 - Practical Session (using Industry-grade software)
Day7 - Mass Modeling with Morph tool - Solid Element Operations
Day8 - Creation of sections, elevations - Modelling the Terrain-Creating Site
Day9 - Creating various structural elements with preloaded data
Day10 - Generate 3D documents from Floor Plans
Day11 - Interactive Scheduling and Visualization
Building the models with sections, elevations etc.

Organizing Committee

Patron

Prof. T.V Hanumantha Rao

Principal

Convener

Dr. B.N.D.Narasinga Rao

Professor & Head-Civil Engineering

Faculty Coordinator

Mrs. P.V.R Sravya, Assistant Professor

Members

Dr. J. Vikranth, Associate Professor

Mr. M.K.S.S Chaitanya, Assistant Professor

Mr. K. Suryanarayana, Assistant Professor

Mr. T.V.T ViswaTeja Assistant Professor

Mr. Ch. Vineel Assistant Professor

Mr. N.A.P Vittal, Assistant Professor



DEPARTMENT OF CIVIL ENGINEERING

(Accredited by NBA)

Anil Neerukonda Institute of Technology
and Sciences (Autonomous)

Sangivalasa - 531162, Bheemunipatnam Mandal
Visakhapatnam District, Andhra Pradesh

A TWO - WEEK VALUE ADDED COURSE

On

BUILDING INFORMATION MODELLING
(BIM)

8th - 20th February 2021

Convener

Dr. B.N.D.Narasinga Rao

Professor & Head-Civil Engineering

Expert-Speakers

Sri.Ch. Srinivas

Assistant Professor

Department of Civil Engineering

ANITS

Visakhapatnam



REGISTRATION FORM

1. Name:
2. Course:
3. Branch:
4. Year & Semester:
5. Organization:
6. Mobile Number:
7. Email:

ANITS

Anil Neerukonda Institute of Technology & Sciences (ANITS) was founded by Anil Neerukonda Educational Society (ANES), in fond memory of Late Anil Neerukonda, son of our Chairman Dr. N.B.R. Prasad in 2001.

Within 19 years of its establishment, the Institute registered phenomenal growth and today, the Institute offers seven B.Tech. programs and five M.Tech. programs with annual intake of 1100 students. The College is accredited by NAAC with A grade and by NBA for the second time. It is permanently affiliated to Andhra University and was accorded Autonomous status in 2015.

The Institute has been ranked as 4th among the Private Engineering Colleges in Andhra Pradesh by APSCHE. The College was awarded "Centre of Excellence" by Infosys in 2011 and "National Employability Award" by Aspiring Minds, New Delhi in 2014. The campus placements at ANITS are the highest in this region and the total placements are over 630 in 2019-20 so far. For further information about the Institute, please log on to our Institute website: <http://anits.edu.in>.

Department Of Civil Engineering

Vision: Our vision is to be among the pre-eminent civil engineering departments world-wide for building future civil engineers characterized by technological excellence and the best of human values.

Mission:

- 1) Impart quality technical education with focus on strong basics in civil engineering knowledge at industry relevant skills through innovative teaching -learning practices, state of the art infrastructure and ambient work culture.
- 2) Expose the students to contemporary and competitive technology in industry to enable them to solve complex civil engineering problems of the society and environment locally and globally
- 3) Inculcate self learning research and scholarship among our faculty and students to develop innovative solutions to societal problems and advance civil engineering knowledge and practice.
- 4) Promote Softskills and team spirit, among the students to emerge as leaders of their profession and society.
- 5) Nurture holistic development of students by inculcating ethical and human values and spirit of service to the society for self actualization.

Department Profile

The Department of Civil Engineering, established in 2011, affiliated to Andhra University and Accredited by NBA, offers the following programs:

- B.Tech.** (Civil Engineering)
- M.Tech.** (Soil Mechanics)

The Department is headed by Dr. B.N.D. Narasinga Rao, having 29 years of teaching, research and consultancy experience. He is the Author of Text Book on Soil Mechanics & Foundation Engineering published by Wiley International Publishers. The Department is supported by qualified and experienced faculty members and skilled technicians and non-teaching staff.

The Department has well equipped laboratories, spacious classrooms, computer center and A/c Seminar Hall. The Department is engaged in active consultancy in civil engineering, including the Geotechnical Investigations for 15 MW GVMC-Jindal collaborative Waste to Energy Power Plant at Kapuluppada.

The students of Civil Engineering, ANITS have proved their mettle by winning PPT contests organized at various reputed institutes including IIT, Madras, IIT, Kharagpur, IIT, Bhubaneswar, Andhra University, VIT, Vellore, GITAM University and many other Private Engineering Colleges. For further information about the Department, please log on to our Department website: <http://civil.anits.edu.in>

Institute Location

ANITS is located in Sangivalasa, Bheemunipatnam, a short distance of 24 km and 30 minutes drive from Visakhapatnam on the Visakhapatnam-Srikakulam NH-5.

About Visakhapatnam

Visakhapatnam is the largest city in the State of Andhra Pradesh and is popularly known as the "City of Destiny" and the "The Jewel of the East Coast". Visakhapatnam is being developed as a Smart City by the Government of India. Tourists are attracted by its unspoilt beaches, nearby scenic Araku Valley and Borra Caves, the 11th century Simhachalam temple and ancient Buddhist sites spread across the area. The city boasts a submarine museum, the first of its kind in Southeast Asia, at Rama Krishna Beach.

Address For Correspondence

Dr. B N D Narasinga Rao

Professor & Head, Department of Civil Engineering
Anil Neerukonda Institute of Technology & Sciences (A),
Ph.: 08933 225083/84 Fax: 08933 226395

Course Name: Building Information Modelling (BIM)

Resource Person: **Sri Ch. Srinivas**

Course Coordinator: **Mrs. P.V.R Sravya**

Duration of the Course: 8th Febraury – 20th Febraury 2021

Date	Day	Time	Topic	Speaker
08-02-2021	Monday	09.00 AM	Building Information Modelling Introduction	Sri Ch. Srinivas
09-02-2021	Tuesday	09.00 AM	BIM in Construction Management	Sri Ch. Srinivas
10-02-2021	Wednesday		Interactive Scheduling and Visualization Building the models with sections, elevations etc.	Sri Ch. Srinivas
11-02-2021	Thursday	09.00 AM	Interpretation of BIM - Benefits of BIM	Sri Ch. Srinivas
12-02-2021	Friday		Virtual Prototyping of Models - Collaboration and Information Management	Sri Ch. Srinivas
13-02-2021	Saturday	09.00 AM		Sri Ch. Srinivas
14-02-2021	Sunday	09.00 AM		Sri Ch. Srinivas
15-02-2021	Monday	09.00 AM	Practical Session (using Industry-grade software)	Sri Ch. Srinivas
16-02-2021	Tuesday	09.00 AM	Mass Modeling with Morph tool - Solid Element Operations	Sri Ch. Srinivas
17-02-2021	Wednesday	09.00 AM	Creation of sections, elevations - Modelling the Terrain-Creating Site	Sri Ch. Srinivas
18-02-2021	Thursday	09.00 AM	Creating various structural elements with preloaded data	Sri Ch. Srinivas
19-02-2021	Friday		Potential of BIM enabled Models	Sri Ch. Srinivas
20-02-2021	Saturday	09.00 AM	Generate 3D documents from Floor Plans	Sri Ch. Srinivas



**ANIL NEERUKONDA INSTITUTE OF TECHNOLOGY & SCIENCES
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SANGIVALASA-531 162, Bheemunipatnam Mandal, Visakhapatnam District

Phone: 08933-225083/84

Fax: 226395

website: www.anits.edu.in

email: principal@anits.edu.in

Report on Value – Added Course

Name of the course: Building Information Modelling (BIM)

Resource Person: Sri. Ch. Srinivas
Assistant Professor
Department of CE
ANITS

Course Description

BIM (Building Information Modelling) is the trending concept in Civil Engineering where we can generate and manage digital representations of physical and functional characteristics of Structural Elements. BIM Model holds all the information about a structure. This model will have thousands of information stored in it related to the structure, right from the smallest nut and bolt, to the largest concrete column in the building.

This interactive workshop accompanied with actual case studies introduces Civil Engineering students the techniques involved in acquiring the information about the Structures by using BIM models, and exposing them to the various roles of a BIM engineer.

Objectives

This course is proposed to generate and impart knowledge on Building Information Modelling (BIM).

- This course aims to make the participants productive by giving the ability to produce drawings and redone images of buildings.
- It will help navigate user interface, architectural objects such as door, walls, roofs, windows, and stairs.
- Covering the basics of Revit Architecture, this course will assist in the creation of schematic design through construction documentation.

Course Content

Day1 - Building Information Modelling Introduction

Day2 - BIM in Construction Management

Day3 - Interpretation of BIM - Benefits of BIM

Day4 - Virtual Prototyping of Models - Collaboration and Information Management

Day5 - Potential of BIM enabled Models

Day6 - Practical Session (using Industry-grade software)

Day7 - Mass Modeling with Morph tool - Solid Element Operations

Day8 - Creation of sections, elevations - Modelling the Terrain-Creating Site

Day9 - Creating various structural elements with preloaded data

Day10 - Generate 3D documents from Floor Plans

Day11 - Interactive Scheduling and Visualization

Building the models with sections, elevations etc.

Course Outcomes

At the end of the course the student will be able to

- Building information modeling
- Exploring User Interface
- Working with Revit Elements
- Conceptual modeling using massing
- Presenting the model of building
- Managing view, documentation and schedules
- Controlling the visibility of the object.

Dates: 8th -- 20th Febraury, 2021

Time: 09.00 PM

Venue: Seminar Hall (H-Block) – Room No. 217


Conclusion:

This Two-Week Value-Added Course aims to update knowledge on the recent and future trends in Civil engineering using Building Information Modelling (BIM)

Number of Students Participated: 60

Number of students Qualified: 60


Mrs. P.V.R Sravya
Course Coordinator


Dr.B.N.D.Narasinga Rao
Professor and Head

Head of the Department
Department of Civil Engineering
Anil Neerukonda Institute of Technology and Science
Sangivalasa, Bheemunipatnam Mandal
Visakhapatnam - 531162



Anil Neerukonda Institute of Technology & Sciences (Autonomous)

(Permanent Affiliation by Andhra University & Approved by AICTE
Accredited by NBA (ECE, EEE, CSE, IT, Mech. Civil & Chemical) & NAAC)

Sangivalasa-531 162, Bheemunipatnam Mandal, Visakhapatnam District

Phone: 08933-225083/84/87

Fax: 226395

Website: www.anits.edu.in

email: principal@anits.edu.in

II/IV - B.Tech - Civil Engineering

Date:

A Two week value added course on Building Information and Modelling

S.No.	Regd. No.	Name of the Student	Signature
1	318126508042	PRUDHVI RAJ TATIPUDI	
2	319126508001	BARATAM SAI GOPAL	B. Sai Gopal
3	319126508002	BAYYE SATVIK PRABHANJAN	
4	319126508003	BENDI KISHORE	
5	319126508004	BOKAM DRAKSHAYENI	B. Draksha
6	319126508005	BONDI MAHESH	
7	319126508006	CHINTA GAGAN SUSVEER	C. Gagan
8	319126508007	CHINTADA ABHISHEK	
9	319126508008	CHINTALA SATISH	
10	319126508010	GANDAMALLA S V S R K PRASAD	G. Prasad
11	319126508011	GONGATI AJAY KUMAR REDDY	G. Ajay
12	319126508012	GORLI BHARGAV	G. Bhargav
13	319126508013	JUJJURI YASWANTH SAI	J. Yeswanth Sai
14	319126508014	KARAMPUDI VENKATA KRISHNA	K. Venkata Krishna
15	319126508015	KASIREDDI MADHU KRISHNA	K. Madhu
16	319126508016	KETHIREDDI KALYANI	K. Kalyani
17	319126508017	KODIGUDLA CHANDRA VAMSI	K. Vamsi
18	319126508018	KOTTAKOTA MOHAN SAI	
19	319126508019	KURMANI YESWANTH NEERAJ	K. Yeswanth Neeraj
20	319126508020	LINGUBERI RAMBABU	
21	319126508021	MAJJI SAI KUMAR	M. Sai Kumar
22	319126508022	MALLA MANOGNA	M. Manu
23	319126508023	MANTRI TARUN KUMAR	
24	319126508024	MARPU AMMOJI RAO	
25	319126508025	MEESALA SUNEEL CHAKRAVARTHY	M. Suneel
26	319126508026	MUNJETI SAI KUMAR	M. Sai Kumar
27	319126508027	NAUPADA LAVANYA	N. Lavanya
28	319126508028	NEKKALI SHANMUKHA RAO	
29	319126508029	PATNALA BHARATHI	P. Bharathi
30	319126508030	PILLI ANUSHRI	P. Anushri
31	319126508031	PONNADA JANAKIRAM	
32	319126508032	PUDI UMA MAHESWARA RAO	P. Uma

S.No.	Regd. No.	Name of the Student	Signature
33	319126508033	RAYANA AJAY KUMAR	
34	319126508034	RUNKU SHIVA KUMAR	
35	319126508035	SAGARA ROSHAN	
36	319126508036	SAI SUMANTH BANDARU	B. Sumanth
37	319126508037	SAKALABHAKTULA CHANDU	S. Chandu
38	319126508038	TIRUMALARAJU SRI NIKHITHA	T. Sri Nikhitha
39	319126508039	TULUGU SAI KUMAR	T. Sai Kumar.
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email: principal@anits.edu.in

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15	319126508015	KASIREDDI MADHU KRISHNA	madhu
16	319126508016	KETHIREDDI KALYANI	k.kali
17	319126508017	KODIGUDLA CHANDRA VAMSI	Chandru
18	319126508018	KOTTAKOTA MOHAN SAI	
19	319126508019	KURMANI YESWANTH NEERAJ	Neeraj
20	319126508020	LINGUBERI RAMBABU	
21	319126508021	MAJJI SAI KUMAR	Saikumar
22	319126508022	MALLA MANOGNA	M. Manu
23	319126508023	MANTRI TARUN KUMAR	
24	319126508024	MARPU AMMOJI RAO	
25	319126508025	MEESALA SUNEEL CHAKRAVARTHY	Suneel
26	319126508026	MUNJETI SAI KUMAR	Saikumar
27	319126508027	NAUPADA LAVANYA	N. Lavanya
28	319126508028	NEKKALI SHANMUKHA RAO	
29	319126508029	PATNALA BHARATHI	Bhanu
30	319126508030	PILLI ANUSHRI	Anushri
31	319126508031	PONNADA JANAKIRAM	Janakiram
32	319126508032	PUDI UMA MAHESWARA RAO	Uma

S.No.	Regd. No.	Name of the Student	Signature
33	319126508033	RAYANA AJAY KUMAR	
34	319126508034	RUNKU SHIVA KUMAR	
35	319126508035	SAGARA ROSHAN	
36	319126508036	SAI SUMANTH BANDARU	B. Sumanth
37	319126508037	SAKALABHAKTULA CHANDU	S. Chandu
38	319126508038	TIRUMALARAJU SRI NIKHITHA	T. Sri Nikhitha
39	319126508039	TULUGU SAI KUMAR	T. Sai Kumar
40	319126508040	VAIBOINA SAI NOOKARAJU	
41	319126508041	VANGAPANDU SADHANA	V. Sadhana
42	319126508042	VASIREDDY SNEHALATHA	Snehalatha
43	319126508043	VIPPARTHI RAJA SEKHAR	
44	319126508044	VUNDAVILLI KARTHIKI ASHOK	
45	320126508L01	PATCHERLANIKHIL	P. Nikhil
46	320126508L02	SEESA PAVAN KUMAR	
47	320126508L03	UMMOORIRAMGOPAL	U. Ramgopal
48	320126508L04	MARRAOMSIDDHIESWARMANIKANTA	
49	320126508L05	GOLLAPALLIHEMANTH	G. Hemanth
50	320126508L06	PALAKURTHIMOUNIKA	P. Mounika
51	320126508L07	MOJJADALAKSHMANARAO	M. Lakshmanarao
52	320126508L08	GANTAGUNARESHMA	G. Reshma
53	320126508L09	GORRIPATISRINIVASU	G. Srinivas
54	320126508L10	PAMPANABHARATHSAI	
55	320126508L11	JUTTULOHITH	J. Lohith
56	320126508L12	GURRAMVENKATESWARARAO	
57	320126508L13	GOLAGANIAKKUNAIDU	
58	320126508L14	POLAVARAPUDURGAHINDUHANEESHA	P. D. H. Hanuisha
59	320126508L15	VIKRAMSAIPAVAN	V. Sai Pava
60	320126508L16	KAKARASAITEJA	K. Saiteja
61	320126508L17	CHITTURIBHAVANISANKAR	Ch. Sankar
62	320126508L18	SHAIKABDULJAHID	Sh. Jahid
63	320126508L19	DUNGAPAVANI	D. Pavani

Day 1

Date: 08/02/2021



Day 2

Date: 09/02/2021



Day 3

Date: 10/02/2022



Day 4

Date: 11/02/2022



Day 5

Date: 12/02/2022



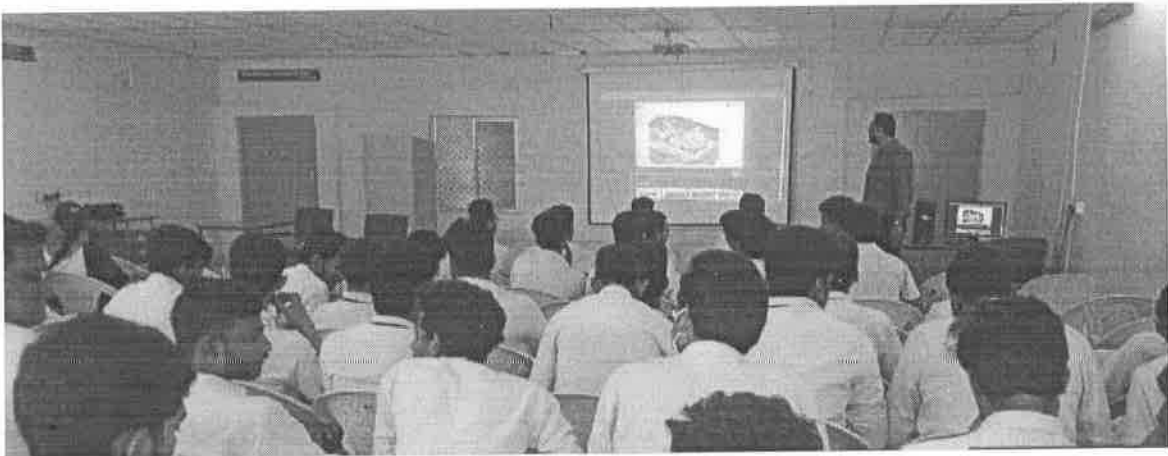
Day 6

Date: 15/02/2022



Day 7

Date: 16/02/2022



Day 8

Date: 17/02/2022



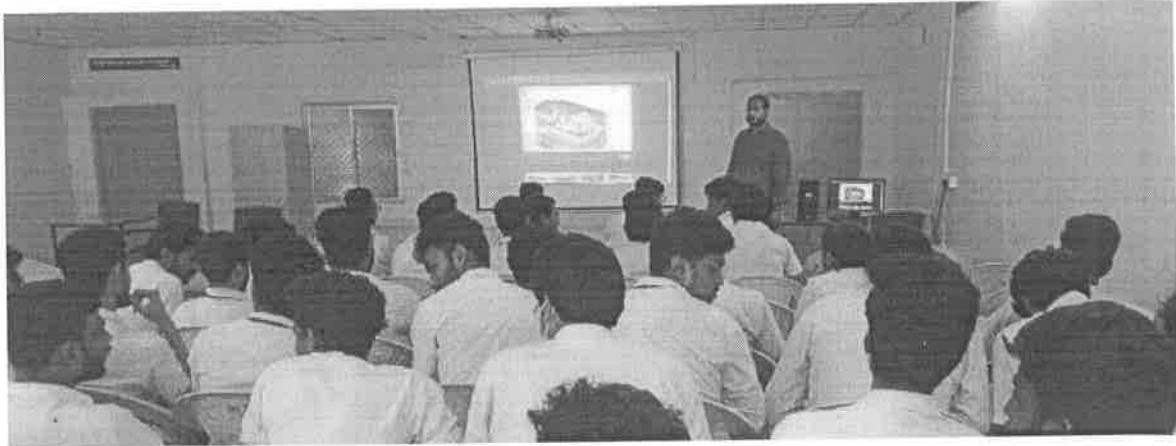
Day 9

Date: 18/02/2022



Day 10

Date: 19/02/2022



Day 11

Date: 20/02/2022





DEPARTMENT OF CIVIL ENGINEERING
CERTIFICATE

This certificate declares that

Vikram Sai Pavan

320126508L15, Vikramsaipavan.le20.ce@anits.edu.in

has completed

A Two Week Value added Course on "Building Information Modelling" Organized by Department of Civil Engineering, ANITS during
08-02-2021 to 20-02-2021.

With passing score of 100%

Srinivas

Sri. Ch. Srinivas
Resource Person

Narasinga Rao

Dr. B.N.D. Narasinga Rao
HoD, Civil



DEPARTMENT OF CIVIL ENGINEERING
CERTIFICATE

This certificate declares that

Sai susanth bandaru

319126508036, sumanthbandaru.19.ce@anits.edu.in

has completed

A Two Week Value added Course on "Building Information Modelling" Organized by Department of Civil Engineering, ANITS during 08-02-2021 to 20-02-2021.

With passing score of 100%

Sri Ch. Srinivas

Sri. Ch. Srinivas
Resource Person

Dr. B.N.D. Narasinga Rao

Dr. B.N.D. Narasinga Rao
HoD, Civil



ANIL NEERUKONLA INSTITUTE OF TECHNOLOGY & SCIENCES

Sangivalasa-531162, Bheemunipatnam Mandal, Visakhapatnam- Andhra Pradesh, www.anits.edu.in

DEPARTMENT OF CIVIL ENGINEERING
CERTIFICATE

This certificate declares that

N.Lavanya

319126508027, lavanya.19.ce@anits.edu.in

has completed

A Two Week Value added Course on "Building Information Modelling" Organized by Department of Civil Engineering, ANITS during
08-02-2021 to 20-02-2021.

With passing score of 90%

Srinivas

Sri. Ch. Srinivas
Resource Person

Dr. B.N.D. Narasinga Rao

Dr. B.N.D. Narasinga Rao
HoD, Civil



DEPARTMENT OF CIVIL ENGINEERING
CERTIFICATE

This certificate declares that

Kodigudla Chandravamsi

319126508017, chandravamsi.19.ce@anits.edu.in

has completed

A Two Week Value added Course on "Building Information Modelling" Organized by Department of Civil Engineering, ANITS during 08-02-2021 to 20-02-2021.

With passing score of 100%

Sarini Vas

Sri. Ch. Srinivas
Resource Person

Dr. B.N.D. Narasinga Rao

Dr. B.N.D. Narasinga Rao
HOD, Civil



DEPARTMENT OF CIVIL ENGINEERING
CERTIFICATE

This certificate declares that

Seesa Pavan Kiran

320126508L02, spkiran.le20.ce@anits.edu.in

has completed

A Two Week Value added Course on "Building Information Modelling" Organized by Department of Civil Engineering, ANITS during 08-02-2021 to 20-02-2021.

With passing score of 90%

Srinivas

Sri. Ch. Srinivas
Resource Person

Dr. B.N.D. Narasinga Rao

Dr. B.N.D. Narasinga Rao
HoD, Civil



Anil Neerukonda Institute of Technology & Sciences (Autonomous)

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Sangivalasa-531 162, Bheemunipatnam Mandal, Visakhapatnam District

Phone: 08933-225083/84/87

Fax: 226395

Website: www.anits.edu.in

email: principal@anits.edu.in


Date: 02/01/2021


CIRCULAR

All the II/IV B.Tech Mechanical Engineering students are hereby informed that the department of Mechanical Engineering is organising a 5 week (49 hrs) Value Added Course on “**Fundamentals of Programming Languages – A Hands on Training Sessions**” from 18-01-2021 to 20-02-2021. Students can meet the Coordinator - Dr. M.Vinod Babu, Assistant Professor, Mechanical Engineering for any related queries.

Resource Persons:

1. Dr. T.V. Hanumantha Rao, Professor, Mech. Engg. Dept.
2. Mr. R. Chandra Mouli, Associate Professor, Mech. Engg. Dept.
3. Mr. J. V. Bhanu Tej, Assistant Professor, Assistant Professor, Mech. Engg. Dept.


02/01/2021
Coordinator


HOD
Mech. Engg. Dept.

PROFESSOR & HEAD
Department of Mechanical Engineering
ANIL NEERUKONDA INSTITUTE OF TECHNOLOGY & SCIENCE
Sangivalasa-531 162, BHEEMUNIPATNAM Dist. A.P.

A FIVE WEEK Value Added Course on

Fundamentals of Programming Languages

18th Jan - 20th Feb 2021

Registration Form

Student Name : _____

Regd. Number : _____

Year & Sec : _____

Department : _____

Mobile Number : _____

email ID : _____

Student Signature

Coordinator: Mr. J V Bhanu Tej
Asst. Prof., Mech Engg. (8892743651)
email ID: bhanutej.me@anits.edu.in

ABOUT THE COLLEGE

Anil Neerukonda Institute of Technology and Sciences (ANITS), Visakhapatnam was established in 2001 by Anil Neerukonda Educational Society (ANES). ANES works to promote technical and human values through various educational institutions, without any motive for profit. ANITS is located in Sangivalasa of Bheemunipatnam Mandal, about 30 km from the city of Visakhapatnam. The college has been accredited by NAAC, NBA, UGC and attained autonomous status in the academic year 2015-16. The college has been awarded "Centre of Excellence" by Infosys Technologies in the year 2011 and "National Employability" in 2014 by Aspiring Minds, New Delhi. UG and PG programs in CSE, IT, EEE, ECE, Mechanical, Civil and Chemical Engineering are offered.

ABOUT THE DEPARTMENT

The Department of Mechanical Engineering, ANITS was started in the academic year 2005-06 with a mode intake of 60. Since then the department has grown by leaps and bounds in terms

of student intake and development of infrastructure. The department is presently offering a B. Tech. programme and M.Tech (Machine Design). The department is driven by highly qualified faculty members who possess a rich academic and industrial experience. It is equipped with the best infrastructure facilities in the form of laboratories, library, e-class rooms, seminar halls, drawing halls, project rooms, board rooms, Lecture Capturing Systems, student activities centers, Automotive hub etc., Training in skill development courses, workshops by eminent faculty and resource persons are some of the initiatives in this direction. The dissemination of knowledge by such varied methods keeps the students abreast with the latest developments in industry.

COURSE OBJECTIVE

This course is designed to instruct and give a hands-on training experience in programming using MATLAB, PYTHON, & JAVA SCRIPT which have currently a myriad of applications in various sectors.

EXPECTED OUTCOMES

At the end of the course, the student will be able to

1. Create a programme in the MATLAB environment for solving engineering problems.
2. Develop a model and obtain solutions for simple mechanical vibrations problem using SIMULINK
3. Write, evaluate and analyse programmes using PYTHON for different applications.
4. Design a webpage using HTML, CSS, & JAVA-SCRIPT

TOPICS COVERED

MATLAB - Applications of MATLAB, Basics of MATLAB, Introduction to arrays, various Operators, Control flow statements, Loops, GUI, Plots

SIMULINK - Basics of Vibrational analysis

PYTHON - Data Types, Operators, Control flow statements, String, List, Tuple, Dictionary, Set, Functions, Module, File handling, OOPS concept

Introduction to **HTML, CSS, & JAVA SCRIPTS**



ANIL NEERUKONDA INSTITUTE OF TECHNOLOGY & SCIENCES (A)

(Permanently Affiliated to Andhra University, Accredited by NBA & NAAC)

Sangivalasa-531162, Bheemunipatnam , Visakhapatnam Dt.

Phone 08933-225084, 226395

DEPARTMENT OF MECHANICAL ENGINEERING

S.No.	Syllabus / Topics covered	No. of Hrs.	Faculty	Date	Duration (hrs)	Mode
1	Overview of the Value Added course	1	J.V.Bhanu Tej	18-01-2021	2.30 to 3.20 P.M	offline
2	Matlab Introduction	1	R.Chandramouli	19-01-2021	2.30 to 3.20 P.M	offline
3	Matlab-programming-application to mechanism	1	R.Chandramouli	20/1/2021	2.30 to 3.20 P.M	offline
4	GUI statement, input & output statements	1	R.Chandramouli	21/1/2021	2.30 to 3.20 P.M	offline
5	Matlab- Introduction to Arrays, Matrix operations	1	R.Chandramouli	22/1/2021	2.30 to 3.20 P.M	offline
6	Data Types, Operators, Control statements, Matlab-Plots	3	R.Chandramouli	23/1/2021	12.30-3.30 P.M	offline
7	Hands-on (Matlab)	2	R.Chandramouli	23/1/2021	1.30 - 3.30 P.M	offline
8	Html	2	J.V. Bhanu Tej	25/1/2021	1.30 - 3.30 P.M	offline
9	CSS & Java Script	2	J.V. Bhanu Tej	27/1/2021	1.30 - 3.30 P.M	offline
10	Hands-on (Html,CSS, Java script)	3	J.V. Bhanu Tej	28/1/2021	12.30-3.30 P.M	offline
11	PYTHON-Introduction, History, Features	1	Mr.S. Phani Kumar	29/1/2021	2.30 to 3.20 P.M	offline
12	Data Types, Operators	2	Mr.S. Phani Kumar	30/1/2021	1.30 - 3.30 P.M	offline
13	Decision, Loops concept , Jumping Statements	2	Mr.S. Phani Kumar	30/1/2021	1.30 - 3.30 P.M	offline
14	String, List, Tuple, Dictionary, Set	2	Mr.S. Phani Kumar	1/2/2021	1.30 - 3.30 P.M	offline
15	Hands-on (Python)	1	Mr.S. Phani Kumar	2/2/2021	2.30 to 3.20 P.M	offline
16	Functions	2	Mr.S. Phani Kumar	3/2/2021	1.30 - 3.30 P.M	offline
17	Functions	2	Mr.S. Phani Kumar	4/2/2021	1.30 - 3.30 P.M	offline
18	Module, Regular expression	2	Kumar	5/2/2021	1.30 - 3.30 P.M	offline
20	File handling, Try exception	2	Mr.S. Phani Kumar	6/2/2021	1.30 - 3.30 P.M	offline
21	Hands-on (Python-Functions)	3	Mr.S. Phani Kumar	8/2/2021	12.30-3.30 P.M	offline
22	Oops concept	1	Mr.S. Phani Kumar	9/2/2021	2.30 to 3.20 P.M	offline
23	Oops concept	1	Mr.S. Phani Kumar	10/2/2021	2.30 to 3.20 P.M	offline
24	Oops concept	1	Mr.S. Phani Kumar	11/2/2021	2.30 to 3.20 P.M	offline
25	Oops concept	1	Mr.S. Phani Kumar	12/2/2021	2.30 to 3.20 P.M	offline
27	Hands-on (Python-oops concept)	3	Mr.S. Phani Kumar	13/2/2021	12.30-3.30 P.M	offline
28	Matlab-Simulink	1	Prof.T.V.Hanumantha Rao	15/2/2021	2.30 to 3.20 P.M	offline
29	Matlab-Simulink	1	Prof.T.V.Hanumantha Rao	16/2/2021	2.30 to 3.20 P.M	offline
30	Matlab-Simulink	1	Prof.T.V.Hanumantha Rao	17/2/2021	2.30 to 3.20 P.M	offline
31	Matlab-Simulink	1	Prof.T.V.Hanumantha Rao	18/2/2021	2.30 to 3.20 P.M	offline
32	Hands-on (Matlab)	3	Prof.T.V.Hanumantha Rao	19/2/2021	12.30-3.30 P.M	offline
34	Matlab-Revision & Validictory function	2	R.Chandramouli	20/2/2021	1.30 - 3.30 P.M	offline



Anil Neerukonda Institute of Technology & Sciences (Autonomous)

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 Sangvalasa-531 162, Bheemunipatnam Mandal, Visakhapatnam District
 Phone: 08933-225083/84/87 Fax: 226395
 Website: www.anits.edu.in email: principal@anits.edu.in

A 5 Week Value Added Course on Fundamentals of Programming Languages – A Hands on Training Sessions Attendance Sheet

S.NO	REGD. NO.	NAME OF THE STUDENT	SECTION	18-01-2021 (AN)	19-01-2021 (AN)	20-01-2021 (AN)	21-01-2021 (AN)	22-01-2021 (AN)	23-01-2021 (AN)
1	319126520001	ADIVARAPU KRISHNA VAMSI	A	Vamsi	Vamsi	Vamsi	Vamsi	Vamsi	Vamsi
2	319126520002	AGARAPU LEELEADHAR	A	leela	leela	leela	leela	leela	leela
3	319126520004	AYINADA LAKSHMI PRASANNA KUMAR	A	A.Prasanna	A.Prasanna	A.Prasanna	A.Prasanna	A.Prasanna	A.Prasanna
4	319126520005	BALI BHANU	A	B.Bhanu	B.Bhanu	B.Bhanu	B.Bhanu	B.Bhanu	B.Bhanu
5	319126520006	BANDARU SAI KIRAN	A	B.Sai	B.Sai	B.Sai	B.Sai	B.Sai	B.Sai
6	319126520007	BARATAM MUKESH	A	Muk	Muk	Muk	Muk	Muk	Muk
7	319126520008	BARLA JEEVITHA	A	B.Jeevitha	B.Jeevitha	B.Jeevitha	B.Jeevitha	B.Jeevitha	B.Jeevitha
8	319126520009	BOTCHA LAVANYA	A	B.Lavanya	B.Lavanya	B.Lavanya	B.Lavanya	B.Lavanya	B.Lavanya
9	319126520010	DALLI SUDHEER BABU	A	D.Sudheer	D.Sudheer	D.Sudheer	D.Sudheer	D.Sudheer	D.Sudheer
10	319126520011	EDUBILLI HARSHAVARDHAN	A	E.Harshavardhan	E.Harshavardhan	E.Harshavardhan	E.Harshavardhan	E.Harshavardhan	E.Harshavardhan
11	319126520012	GANTHAKORA NIKHIL	A	G.Nikhil	G.Nikhil	G.Nikhil	G.Nikhil	G.Nikhil	G.Nikhil
12	319126520013	GORRIPATI MURARI	A	G.Murari	G.Murari	G.Murari	G.Murari	G.Murari	G.Murari
13	319126520014	KANAKALA KARTHIK	A	K.Karthik	K.Karthik	K.Karthik	K.Karthik	K.Karthik	K.Karthik
14	319126520015	KARRI SATYA VINAY	A	K.Satya Vinay	K.Satya Vinay	K.Satya Vinay	K.Satya Vinay	K.Satya Vinay	K.Satya Vinay
15	319126520016	KARUMAJI REVANTH	A	K.Revanth	K.Revanth	K.Revanth	K.Revanth	K.Revanth	K.Revanth
16	319126520017	KHAJA AHAMED HUSAIN	A	K.Ahamed Husain	K.Ahamed Husain	K.Ahamed Husain	K.Ahamed Husain	K.Ahamed Husain	K.Ahamed Husain
17	319126520018	KONA LIKITHA SRAVANI	A	K.Likitha	K.Likitha	K.Likitha	K.Likitha	K.Likitha	K.Likitha

(Handwritten Signature)

PROFESSOR & HEAD
 Department of Mechanical Engineering
 ANIL NEERUKONDA INSTITUTE OF TECHNOLOGY & SCIENCES



Anil Neerukonda Institute of Technology & Sciences (Autonomous)

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A 5 Week Value Added Course on Fundamentals of Programming Languages – A Hands on Training

Sessions Attendance Sheet

S.NO	REGD. NO.	NAME OF THE STUDENT	SECTION	Sessions					23-01-2021	
				18-01-2021 (AN)	19-01-2021 (AN)	20-01-2021 (AN)	21-01-2021 (AN)	22-01-2021 (AN)	(EN)	(AN)
18	319126520019	KONDALA DILEEP	A	K.DILEEP	K.DILEEP	K.DILEEP	K.DILEEP	K.DILEEP	K.DILEEP	K.DILEEP
19	319126520020	KORAPAKA ABHISHEK	A	ABHISHEK	ABHISHEK	ABHISHEK	ABHISHEK	ABHISHEK	ABHISHEK	ABHISHEK
20	319126520021	KOTYADA SWAMY TARUN	A	TARUN	TARUN	TARUN	TARUN	TARUN	TARUN	TARUN
21	319126520022	KOVVURU SRIHARSHA	A	K.SRIHARSHA	K.SRIHARSHA	K.SRIHARSHA	K.SRIHARSHA	K.SRIHARSHA	K.SRIHARSHA	K.SRIHARSHA
22	319126520023	MADHYANAPU VINAY	A	VINAY	VINAY	VINAY	VINAY	VINAY	VINAY	VINAY
23	319126520024	MADUTURI SAI SAMPATH	A	S.SAMPATH	S.SAMPATH	S.SAMPATH	S.SAMPATH	S.SAMPATH	S.SAMPATH	S.SAMPATH
24	319126520025	MAKALA AKASH	A	AKASH	AKASH	AKASH	AKASH	AKASH	AKASH	AKASH
25	319126520026	MOHAN NAKKA	A	NAKKA	NAKKA	NAKKA	NAKKA	NAKKA	NAKKA	NAKKA
26	319126520027	MUDDIDANA PRUDHVI SANDEEP	A	P.SANDEEP	P.SANDEEP	P.SANDEEP	P.SANDEEP	P.SANDEEP	P.SANDEEP	P.SANDEEP
27	319126520028	MUDILI SAI TEJA	A	S.TEJA	S.TEJA	S.TEJA	S.TEJA	S.TEJA	S.TEJA	S.TEJA
28	319126520029	MUGADA RAJESH	A	R.RAJESH	R.RAJESH	R.RAJESH	R.RAJESH	R.RAJESH	R.RAJESH	R.RAJESH
29	319126520030	MUNJETI YOGESHWARA RAO	A	M.Y.RAO	M.Y.RAO	M.Y.RAO	M.Y.RAO	M.Y.RAO	M.Y.RAO	M.Y.RAO
30	319126520031	NAMALA SAI	A	N.SAI	N.SAI	N.SAI	N.SAI	N.SAI	N.SAI	N.SAI
31	319126520032	NARAMSETTI ANIL KUMAR	A	A.KUMAR	A.KUMAR	A.KUMAR	A.KUMAR	A.KUMAR	A.KUMAR	A.KUMAR
32	319126520033	NEMALIKANTI SUKASH	A	S.SUKASH	S.SUKASH	S.SUKASH	S.SUKASH	S.SUKASH	S.SUKASH	S.SUKASH
33	319126520034	NISTALA SAHITHI SINDHURA	A	S.SINDHURA	S.SINDHURA	S.SINDHURA	S.SINDHURA	S.SINDHURA	S.SINDHURA	S.SINDHURA
34	319126520036	PATHIVADA RAM KUMAR	A	R.KUMAR	R.KUMAR	R.KUMAR	R.KUMAR	R.KUMAR	R.KUMAR	R.KUMAR

MSR
15/1/21

PROFESSOR & HEAD
 Department of Mechanical Engineering
 ANIL NEERUKONDA INSTITUTE OF TECHNOLOGY & SCIENCES
 Sangvalasa, Dist. AP



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				18-01-2021 (AN)	19-01-2021 (AN)	20-01-2021 (AN)	21-01-2021 (AN)	22-01-2021 (AN)	23-01-2021 (AN)
35	319126520037	PENUMUCHU NAGA BALAJI SHIVA KRISHNA	A	P. Shiva	P. Shiva	P. Shiva	P. Shiva	P. Shiva	P. Shiva
36	319126520038	RAMBHA NARENDRA	A	Rambha	Rambha	Rambha	Rambha	Rambha	Rambha
37	319126520039	RAKOTI KESAVA CHANDRA SAI KIRAN	A	R. Sakthi	Absent	R. Sakthi	R. Sakthi	R. Sakthi	R. Sakthi
38	319126520040	RAMOJU DINESH	A	R. Dinesh	R. Dinesh	R. Dinesh	R. Dinesh	Absent	R. Dinesh
39	319126520041	SALAPU NARASIMHA ANEESH NAIDU	A	Aneesh	Aneesh	Aneesh	Aneesh	Aneesh	Aneesh
40	319126520042	SAMANTHULA JAYACHANDRA SAI	A	S. Jayachandra	S. Jayachandra	S. Jayachandra	S. Jayachandra	S. Jayachandra	S. Jayachandra
41	319126520043	SANAPALA MANOJKUMAR	A	S. Manoj	S. Manoj	S. Manoj	S. Manoj	S. Manoj	S. Manoj
42	319126520044	SARAGADAM JASWANTH CHARAN	A	S. Jaswanth	S. Jaswanth	S. Jaswanth	S. Jaswanth	S. Jaswanth	S. Jaswanth
43	319126520045	SHAIK AQIL AHMED	A	SK. Aqil	SK. Aqil	SK. Aqil	SK. Aqil	SK. Aqil	SK. Aqil
44	319126520046	SHAIK FASUDDIN	A	SK. Fasiuddin	SK. Fasiuddin	SK. Fasiuddin	SK. Fasiuddin	SK. Fasiuddin	SK. Fasiuddin
45	319126520047	SHAILENDRA KUMAR YADAV CHATTI	A	Sh. Shailendra	Sh. Shailendra	Sh. Shailendra	Sh. Shailendra	Sh. Shailendra	Sh. Shailendra
46	319126520048	SUMIT KUMAR MONDLI	A	Sumit	Sumit	Sumit	Sumit	Sumit	Sumit
47	319126520049	SURLA UMA SHANKAR	A	Uma Shankar	Uma Shankar	Uma Shankar	Uma Shankar	Uma Shankar	Uma Shankar
48	319126520050	SUSHANT PAUL SEELAM	A	Sushant	Sushant	Sushant	Sushant	Sushant	Sushant
49	319126520051	TAMMINANI SURYAPRATAP	A	T. Suryapratap	T. Suryapratap	T. Suryapratap	T. Suryapratap	T. Suryapratap	T. Suryapratap
50	319126520052	TEMBA LIKITH	A	T. Likith	T. Likith	T. Likith	T. Likith	T. Likith	T. Likith
51	319126520053	THALLA LIKITH VINAY BABU	A	Vinay	Vinay	Vinay	Vinay	Vinay	Vinay

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Phone: 08933-225083/84/87

Website: www.anits.edu.in

email: principal@anits.edu.in

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				(AN)	(AN)	(AN)	(AN)	(AN)	(FN)	(AN)
52	319126520054	THOTA CHAITHANYA	A	T.Chaitanya	T.Chaitanya	T.Chaitanya	T.Chaitanya	T.Chaitanya	T.Chaitanya	T.Chaitanya
53	319126520055	UTTAM KUMAR SHA	A	Uttam	Uttam	Uttam	Uttam	Uttam	Uttam	Uttam
54	319126520056	VAKKALANKA SRINIKETH	A	Rajini	Rajini	Rajini	Rajini	Rajini	Rajini	Rajini
55	319126520057	VALLURI PRATHYUSHA	A	Pethyala	Pethyala	Pethyala	Pethyala	Pethyala	Pethyala	Pethyala
56	319126520058	VEDULAVALASA MADHU ABHINAV	A	Ujjwal	Ujjwal	Ujjwal	Ujjwal	Ujjwal	Ujjwal	Ujjwal
57	319126520059	YALLABILLI DAVID	A	Y.David	Y.David	Y.David	Y.David	Y.David	Y.David	Y.David
58	319126520060	YAMALA SURENDRA KUMAR	A	Y.Surendra kumar	Surendra kumar	Surendra kumar	Surendra kumar	Surendra kumar	Surendra kumar	Surendra kumar
59	319126520061	YASH AGARWAL	A	Raj	Raj	Raj	Raj	Raj	Raj	Raj
60	319126520062	YENNETI VENKATA SAI BHASKAR	A	Disent	Yashwanth	Yashwanth	Yashwanth	Yashwanth	Yashwanth	Yashwanth
61	320126520101	FATHMUNNISA	A	Fathima	Fathima	Fathima	Fathima	Fathima	Fathima	Fathima
62	320126520102	PALLI HYMAVATHI	A	P.Nyayawathi	P.Nyayawathi	P.Nyayawathi	P.Nyayawathi	P.Nyayawathi	P.Nyayawathi	P.Nyayawathi
63	320126520103	REBAKA SHIVA ARUN TEJA	A	R.Rajasekhar	R.Rajasekhar	R.Rajasekhar	R.Rajasekhar	R.Rajasekhar	R.Rajasekhar	R.Rajasekhar
64	320126520104	TANNERU YOTHI	A	T.Yothi	T.Yothi	T.Yothi	T.Yothi	T.Yothi	T.Yothi	T.Yothi
65	319126520063	AKULA ARUN KUMAR	B	A.Arun	A.Arun	A.Arun	A.Arun	A.Arun	A.Arun	A.Arun
66	319126520064	ANANDRAJ PULLELA	B	A.Arun	A.Arun	A.Arun	A.Arun	A.Arun	A.Arun	A.Arun
67	319126520065	ANAPARTHI RAJESH	B	Rajesh	Rajesh	Rajesh	Rajesh	Rajesh	Rajesh	Rajesh
68	319126520066	BENDI NIHANT	B	Rajivant	Rajivant	Rajivant	Rajivant	Rajivant	Rajivant	Rajivant

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				(AN)	(AN)	(AN)	(AN)	(AN)	(FN)	(AN)
69	319126520067	BHUPATHIRAJU SURENDRA VARMA	B	Harsha	Suresh	Harsha	Harsha	Harsha	Suresh	Suresh
70	319126520068	BOLAGANA JASWANTH KUMAR	B	Harsha	Harsha	Harsha	Harsha	Harsha	Harsha	Harsha
71	319126520069	BONUMAHANTHI VAMSI KRISHNA	B	Vamsi	Vamsi	Vamsi	Vamsi	Harsha	Vamsi	Vamsi
72	319126520070	BYLAPUDI ANIRUDH	B	Anirudh	Anirudh	Anirudh	Anirudh	Anirudh	Anirudh	Anirudh
73	319126520071	CHITIKEALA ANAND	B	Ch. Ch.	Ch. Ch.	Ch. Ch.	Ch. Ch.	Ch. Ch.	Ch. Ch.	Ch. Ch.
74	319126520072	CHUKKA DUSHYANTH MANIKANTA KUMAR	B	Ch. Ch.	Ch. Ch.	Ch. Ch.	Ch. Ch.	Ch. Ch.	Ch. Ch.	Ch. Ch.
75	319126520074	DALLI DANUNJAYA RAO	B	D. Danu	D. Danu	D. Danu	D. Danu	D. Danu	D. Danu	D. Danu
76	319126520075	DUMPALA SAI KUMAR	B	D. Sai	D. Sai	D. Sai	D. Sai	D. Sai	D. Sai	D. Sai
77	319126520076	ERUSU DILLESWAR REDDY	B	Diller	Diller	Diller	Diller	Diller	Diller	Diller
78	319126520077	G S D V PHANI SAI TEJA	B	G. Sai	G. Sai	G. Sai	G. Sai	G. Sai	G. Sai	G. Sai
79	319126520078	GIDUTHURI MANU	B	Manu	Manu	Manu	Manu	Manu	Manu	Manu
80	319126520079	GOPISETTI TEJA SAI KRISHNA	B	Teja	Teja	Teja	Teja	Teja	Teja	Teja
81	319126520080	GORLE VAMSI	B	G. Vamsi	G. Vamsi	G. Vamsi	G. Vamsi	G. Vamsi	G. Vamsi	G. Vamsi
82	319126520081	HARSHAVARDHAN NAIDU MANTHINA	B	Harsha	Harsha	Harsha	Harsha	Harsha	Harsha	Harsha
83	319126520082	KADARI SIVA GANGADHAR	B	Gangadhar	Gangadhar	Gangadhar	Gangadhar	Gangadhar	Gangadhar	Gangadhar
84	319126520083	KARROTHU UPENDRA	B	K. Upendra	K. Upendra	K. Upendra	K. Upendra	K. Upendra	K. Upendra	K. Upendra
85	319126520084	KARTHIK SAI CHINTA	B	Karthik	Karthik	Karthik	Karthik	Karthik	Karthik	Karthik

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				(AN)	(AN)	(AN)	(AN)	(AN)	(AN)
86	319126520085	KEERTHI SIVA TEJA	B	K. Swatiya	K. Swatiya	K. Swatiya	K. Swatiya	Absent	K. Swatiya
87	319126520086	KOLIPAKA UDAY KUMAR	B	K. Uday	K. Uday	K. Uday	K. Uday	K. Uday	K. Uday
88	319126520087	KORANGI GURU KAIYAN	B	K. Gurur Kalayam	K. Gurur Kalayam	K. Gurur Kalayam	K. Gurur Kalayam	K. Gurur Kalayam	K. Gurur Kalayam
89	319126520088	KUKKAMALLA NIRIKSHAN BABU	B	Absent	Absent	Absent	Absent	Absent	Absent
90	319126520089	KUMANDURI SAI DHEERAJ	B	Absent	P. Sai Dhruva	P. Sai Dhruva	P. Sai Dhruva	P. Sai Dhruva	P. Sai Dhruva
91	319126520090	KURAGANTI MANOJ	B	K. Vijay	K. Vijay	K. Vijay	K. Vijay	K. Vijay	K. Vijay
92	319126520091	MADANALA SHIVA SAI	B	M. Sai	M. Sai	M. Sai	M. Sai	M. Sai	M. Sai
93	319126520092	MATCHA SAI KUMAR	B	M. Sai	M. Sai	M. Sai	M. Sai	M. Sai	M. Sai
94	319126520093	MEELA UDAY KUMAR	B	M. Sai	M. Sai	M. Sai	M. Sai	M. Sai	M. Sai
95	319126520094	MOHAMMED NAVEED	B	M. Naveed	M. Naveed	M. Naveed	M. Naveed	M. Naveed	M. Naveed
96	319126520095	MOKA ABHISHIKTH	B	A. Bhik	A. Bhik	A. Bhik	A. Bhik	A. Bhik	A. Bhik
97	319126520096	MUMMANA YASWANTH KUMAR	B	M. Yaswanth	M. Yaswanth	M. Yaswanth	M. Yaswanth	M. Yaswanth	M. Yaswanth
98	319126520097	NAMMI LALITESH	B	N. Lalitesh	N. Lalitesh	N. Lalitesh	N. Lalitesh	N. Lalitesh	N. Lalitesh
99	319126520098	NARALASETTY SAI MANIDEEP KUMAR	B	N. Saiteja	N. Saiteja	N. Saiteja	N. Saiteja	N. Saiteja	N. Saiteja
100	319126520099	NEELAKANTHAO KARAN DUTT	B	N. Karan	N. Karan	N. Karan	N. Karan	N. Karan	N. Karan
101	319126520100	P MANOHAR SAI KUMAR	B	P. Manohar	P. Manohar	P. Manohar	P. Manohar	P. Manohar	P. Manohar
102	319126520101	PAILA SHYAM VENKAT	B	P. Shyam	P. Shyam	P. Shyam	P. Shyam	P. Shyam	P. Shyam

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				18-01-2021 (AN)	19-01-2021 (AN)	20-01-2021 (AN)	21-01-2021 (AN)	22-01-2021 (AN)	(FN)	(AN)	
103	319126520102	PANCHADI NEERAJ KUMAR	B	P. Praveen	P. Praveen	P. Praveen	P. Praveen	P. Praveen	P. Praveen	P. Praveen	P. Praveen
104	319126520103	PATHIVADA PRAVEEN KUMAR	B	P. Praveen	P. Praveen	P. Praveen	P. Praveen	P. Praveen	P. Praveen	P. Praveen	P. Praveen
105	319126520104	PECHETTI NAVEENJANI	B	P. Praveen	P. Praveen	P. Praveen	P. Praveen	P. Praveen	P. Praveen	P. Praveen	P. Praveen
106	319126520105	PINNINTI MOHAN	B	P. Praveen	P. Praveen	P. Praveen	P. Praveen	P. Praveen	P. Praveen	P. Praveen	P. Praveen
107	319126520106	PRADEEP DARAPUREDDY	B	P. Praveen	P. Praveen	P. Praveen	P. Praveen	P. Praveen	P. Praveen	P. Praveen	P. Praveen
108	319126520107	RAYAPUREDDI HITESH	B	P. Praveen	P. Praveen	P. Praveen	P. Praveen	P. Praveen	P. Praveen	P. Praveen	P. Praveen
109	319126520108	RELLI NAVEEN KUMAR	B	P. Praveen	P. Praveen	P. Praveen	P. Praveen	P. Praveen	P. Praveen	P. Praveen	P. Praveen
110	319126520109	SALLAMPUDI JOEL SUNDAR	B	P. Praveen	P. Praveen	P. Praveen	P. Praveen	P. Praveen	P. Praveen	P. Praveen	P. Praveen
111	319126520110	SALLAPUDI YADIDIAH SUNDAR	B	P. Praveen	P. Praveen	P. Praveen	P. Praveen	P. Praveen	P. Praveen	P. Praveen	P. Praveen
112	319126520111	SEKHARAMANTRI SAI RISHIKESH	B	P. Praveen	P. Praveen	P. Praveen	P. Praveen	P. Praveen	P. Praveen	P. Praveen	P. Praveen
113	319126520112	SUNKARA MADHUKAR	B	P. Praveen	P. Praveen	P. Praveen	P. Praveen	P. Praveen	P. Praveen	P. Praveen	P. Praveen
114	319126520113	TADDI GOWTHAM NAIDU	B	P. Praveen	P. Praveen	P. Praveen	P. Praveen	P. Praveen	P. Praveen	P. Praveen	P. Praveen
115	319126520114	TADELA NAVEEN KUMAR	B	P. Praveen	P. Praveen	P. Praveen	P. Praveen	P. Praveen	P. Praveen	P. Praveen	P. Praveen
116	319126520115	TESETTI SAI SAMPATH	B	P. Praveen	P. Praveen	P. Praveen	P. Praveen	P. Praveen	P. Praveen	P. Praveen	P. Praveen
117	319126520116	THURPATI JOJI BABU	B	P. Praveen	P. Praveen	P. Praveen	P. Praveen	P. Praveen	P. Praveen	P. Praveen	P. Praveen
118	319126520117	UMBIRI SAI MANOHAR	B	P. Praveen	P. Praveen	P. Praveen	P. Praveen	P. Praveen	P. Praveen	P. Praveen	P. Praveen
119	319126520118	VAKKALANKA VENKATARAJ GOPAL	B	P. Praveen	P. Praveen	P. Praveen	P. Praveen	P. Praveen	P. Praveen	P. Praveen	P. Praveen

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Department of Mechanical Engineering
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120	319126520119	VANTAKU MANIKANTA	B	V.V. Naidu	V. Venkatesh	V. Venkatesh	V. Naidu	V. Naidu	V. Naidu
121	319126520120	VUNDAMATLA MOHANA GAYATRI SATYA SAI KIRAN	B	Vaishnavi	Vaishnavi	Vaishnavi	Vaishnavi	Vaishnavi	Vaishnavi
122	320126520105	MOHAMMED ALE IMRAN	B	MA Shweta	MA Shweta	MA Shweta	MA Shweta	MA Shweta	MA Shweta
123	320126520107	GAVARA JAYAPRAKASH	B	G.M	G.M	G.M	G.M	G.M	G.M
124	320126520108	ANGATI GIRIJA	B	A. Suresh	A. Suresh	A. Suresh	A. Suresh	A. Suresh	A. Suresh
125	320126520109	YEZALA JAHNAVI	B	Jahnavi	Jahnavi	Jahnavi	Jahnavi	Jahnavi	Jahnavi
126	320126520110	MULAGAPAKA VIJAY SIMHADRI NAIDU	B	M. Simhadri	H. Venkatesh	H. Venkatesh	H. Venkatesh	H. Venkatesh	H. Venkatesh
127	320126520112	VIJAYA VANAPALLI	B	Vijaya V	Vijaya V	Vijaya V	Vijaya V	Vijaya V	Vijaya V
128	320126520113	IPPILLI VANDANA	B	S. Vandana	S. Vandana	S. Vandana	S. Vandana	S. Vandana	S. Vandana
129	319126520121	ALTHI KODANDA RAM	C						
130	319126520122	AMPOLU VIJAY KUMAR	C	Out	Out	Out	Out	Out	Out
131	319126520123	ANALA AVINASH	C						
132	319126520124	BAMMI VENKATESH	C	B.	B.	B.	B.	B.	B.
133	319126520125	BANDHAM AVINASH	C	B. Avinash	B. Avinash	B. Avinash	B. Avinash	B. Avinash	B. Avinash
134	319126520126	BONGA LOKESH	C	B. Lokesh	B. Lokesh	B. Lokesh	B. Lokesh	B. Lokesh	B. Lokesh
135	319126520127	BURA KARTHEEK	C	B. Kartheek	B. Kartheek	B. Kartheek	B. Kartheek	B. Kartheek	B. Kartheek
136	319126520128	BURLI SUNIL	C	B. Sunil	B. Sunil	B. Sunil	B. Sunil	B. Sunil	Absent

MSR/21

PROFESSOR N. HEALING
 Department of Mechanical Engineering
 ANIL NEERUKONDA INSTITUTE OF TECHNOLOGY & SCIENCE
 Sangivalasa-531 162 VISAKHAPATNAM DIST. AP



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137	319126520129	CHALLA UDAY KIRAN	C	Uday	Uday	Uday	Uday	Uday	Uday	Uday	Uday	Uday
138	319126520130	CHINTADA PREM SAI	C	Ch. Prem Sai	Ch. Prem Sai	Ch. Prem Sai	Ch. Prem Sai	Ch. Prem Sai	Ch. Prem Sai	Ch. Prem Sai	Ch. Prem Sai	Ch. Prem Sai
139	319126520131	DANIMIREDDI RAJESH	C	Rajesh	Rajesh	Rajesh	Rajesh	Rajesh	Rajesh	Rajesh	Rajesh	Rajesh
140	319126520132	DODDI SATYA PRASAD	C	Satya Prasad	Satya Prasad	Satya Prasad	Satya Prasad	Satya Prasad	Satya Prasad	Satya Prasad	Satya Prasad	Satya Prasad
141	319126520133	DODLA MURALI KRISHNA RAO	C	Murali Krishna Rao	Murali Krishna Rao	Murali Krishna Rao	Murali Krishna Rao	Murali Krishna Rao	Murali Krishna Rao	Murali Krishna Rao	Murali Krishna Rao	Murali Krishna Rao
142	319126520134	DWARAPUDI GOWTHAM	C	Gowtham	Gowtham	Gowtham	Gowtham	Gowtham	Gowtham	Gowtham	Gowtham	Gowtham
143	319126520135	GOLLA SURENDRA BABU	C	Surendra Babu	Surendra Babu	Surendra Babu	Surendra Babu	Surendra Babu	Surendra Babu	Surendra Babu	Surendra Babu	Surendra Babu
144	319126520136	GUDLA SAI KIRAN	C	Sai Kiran	Sai Kiran	Sai Kiran	Sai Kiran	Sai Kiran	Sai Kiran	Sai Kiran	Sai Kiran	Sai Kiran
145	319126520137	GULIVINDALA SANDEEP KUMAR	C	Sandeep	Sandeep	Sandeep	Sandeep	Sandeep	Sandeep	Sandeep	Sandeep	Sandeep
146	319126520138	HARI SOWMYA	C	Sowmya	Sowmya	Sowmya	Sowmya	Sowmya	Sowmya	Sowmya	Sowmya	Sowmya
147	319126520139	JENNA HARISH	C	Harish	Harish	Harish	Harish	Harish	Harish	Harish	Harish	Harish
148	319126520140	KADULURI DEVI VARAPRASAD	C	Devi Varaprasad	Devi Varaprasad	Devi Varaprasad	Devi Varaprasad	Devi Varaprasad	Devi Varaprasad	Devi Varaprasad	Devi Varaprasad	Devi Varaprasad
149	319126520141	KANITHI MUKESH BABU	C	Mukesh Babu	Mukesh Babu	Mukesh Babu	Mukesh Babu	Mukesh Babu	Mukesh Babu	Mukesh Babu	Mukesh Babu	Mukesh Babu
150	319126520142	KODA TARUN KUMAR	C	Tarun Kumar	Tarun Kumar	Tarun Kumar	Tarun Kumar	Tarun Kumar	Tarun Kumar	Tarun Kumar	Tarun Kumar	Tarun Kumar
151	319126520143	KODUDHALA SHIVA SAI	C	Shiva Sai	Shiva Sai	Shiva Sai	Shiva Sai	Shiva Sai	Shiva Sai	Shiva Sai	Shiva Sai	Shiva Sai
152	319126520144	KOLA SAI TEJA	C	Sai Teja	Sai Teja	Sai Teja	Sai Teja	Sai Teja	Sai Teja	Sai Teja	Sai Teja	Sai Teja
153	319126520145	KOLLI HEMA SAI	C	Hema Sai	Hema Sai	Hema Sai	Hema Sai	Hema Sai	Hema Sai	Hema Sai	Hema Sai	Hema Sai

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Fax: 226395

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email: principal@anits.edu.in

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S.NO	REGD. NO.	NAME OF THE STUDENT	SECTION	23-01-2021							
				18-01-2021 (AN)	19-01-2021 (AN)	20-01-2021 (AN)	21-01-2021 (AN)	22-01-2021 (AN)	(FN)	(AN)	
154	319126520146	KOMARA ASWEEN	C	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
155	319126520147	KONA ARUDHRA SHANTHI KUMARI	C	Shanthi	Shanthi	Shanthi	Shanthi	Shanthi	Shanthi	Shanthi	Shanthi
156	319126520148	LALAM GANESH	C	L.Ganesh	L.Ganesh	L.Ganesh	L.Ganesh	L.Ganesh	L.Ganesh	L.Ganesh	L.Ganesh
157	319126520149	LODAGALA ROOPAM SAI	C	L.Roopam	L.Roopam	L.Roopam	L.Roopam	L.Roopam	L.Roopam	L.Roopam	L.Roopam
158	319126520150	LODAGALA YADHAGIRI AJAY KUMAR	C	Y.Ajay	Y.Ajay	Y.Ajay	Y.Ajay	Y.Ajay	Y.Ajay	Y.Ajay	Y.Ajay
159	319126520151	MANDADI TEJA SWAROOP	C	M.Tejaswari	M.Tejaswari	M.Tejaswari	M.Tejaswari	M.Tejaswari	M.Tejaswari	M.Tejaswari	M.Tejaswari
160	319126520152	NERELLA ANUDEEP	C	N.Anu	N.Anu	N.Anu	N.Anu	N.Anu	N.Anu	N.Anu	N.Anu
161	319126520153	NIMMADA KARTHIK	C	N.Karthik	N.Karthik	N.Karthik	N.Karthik	N.Karthik	N.Karthik	N.Karthik	N.Karthik
162	319126520154	OMMI VARAHA JAYA KRISHNA	C	O.V.Krishna	O.V.Krishna	O.V.Krishna	O.V.Krishna	O.V.Krishna	O.V.Krishna	O.V.Krishna	O.V.Krishna
163	319126520155	PATNANA BABU	C								
164	319126520156	PILLI VENKATA PRAVEEN	C	P.Praveen	P.Praveen	P.Praveen	P.Praveen	P.Praveen	Absent	P.Praveen	P.Praveen
165	319126520157	RAVADA MANI DEEPAK	C	M.Mani	M.Mani	M.Mani	M.Mani	M.Mani	M.Mani	M.Mani	M.Mani
166	319126520158	SATYAVARAPU NAGA VENKATA SAI ESWAR	C	S.N.Venkat	S.N.Venkat	S.N.Venkat	S.N.Venkat	S.N.Venkat	S.N.Venkat	S.N.Venkat	S.N.Venkat
167	319126520159	SILLA SANJAY BABU	C	S.Sanjay	S.Sanjay	S.Sanjay	S.Sanjay	S.Sanjay	S.Sanjay	S.Sanjay	S.Sanjay
168	319126520160	SIMHADRI PRASANTH	C	P.Prasanth	P.Prasanth	P.Prasanth	P.Prasanth	P.Prasanth	P.Prasanth	P.Prasanth	P.Prasanth
169	319126520161	SURAKASULA SATYA SAI KIRAN	C	S.Kiran	S.Kiran	S.Kiran	S.Kiran	S.Kiran	S.Kiran	S.Kiran	S.Kiran
170	319126520162	UDATHA VENKATA ROHITH	C	U.Rohith	U.Rohith	U.Rohith	U.Rohith	U.Rohith	U.Rohith	U.Rohith	U.Rohith

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Phone: 08933-225083/84/87 Fax: 226395

Website: www.anits.edu.in

email: principal@anits.edu.in

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Attendance Sheet

S.NO	REGD. NO.	NAME OF THE STUDENT	SECTION	20-01-2021					23-01-2021		
				18-01-2021 (AN)	19-01-2021 (AN)	20-01-2021 (AN)	21-01-2021 (AN)	22-01-2021 (AN)	(FN)	(AN)	
171	319126520163	VAKADA VAMSI	C	V.Vamsi	V.Vamsi	V.Vamsi	V.Vamsi	V.Vamsi	V.Vamsi	V.Vamsi	V.Vamsi
172	319126520164	VANAPALLI TARUN	C	V. Vasu	V. Vasu	V. Vasu	V. Vasu	V. Vasu	V. Vasu	V. Vasu	V. Vasu
173	319126520165	VANAPILLI VASU	C	V. Vasu	V. Vasu	V. Vasu	V. Vasu	V. Vasu	V. Vasu	V. Vasu	V. Vasu
174	319126520166	VANTAKULA DITHYA	C	V. Dithya	V. Dithya	V. Dithya	V. Dithya	V. Dithya	V. Dithya	V. Dithya	V. Dithya
175	319126520167	VANKAYALA VENKATA SATYA RAVI SHANKAR	C	V. Venk	V. Venk	V. Venk	V. Venk	V. Venk	V. Venk	V. Venk	V. Venk
176	319126520168	VUPPATI HANOCH	C	V. Hanoch	V. Hanoch	V. Hanoch	V. Hanoch	V. Hanoch	V. Hanoch	V. Hanoch	V. Hanoch
177	320126520114	VARADHI ANIL KUMAR	C	V. Anil	V. Anil	V. Anil	V. Anil	V. Anil	V. Anil	V. Anil	V. Anil
178	320126520115	PENTAPILLI PRAMODH	C	P. Pramodh	P. Pramodh	P. Pramodh	P. Pramodh	P. Pramodh	P. Pramodh	P. Pramodh	P. Pramodh
179	320126520116	BONELA KRUPA SAGAR	C	B. Krupa	B. Krupa	B. Krupa	B. Krupa	B. Krupa	B. Krupa	B. Krupa	B. Krupa
180	320126520117	BODDEPALLI DHEERAJ	C	B. Dheera	B. Dheera	B. Dheera	B. Dheera	B. Dheera	B. Dheera	B. Dheera	B. Dheera
181	320126520118	ARJUNAMAHANTHI SAI GANESH	C	A. Sai	A. Sai	A. Sai	A. Sai	A. Sai	A. Sai	A. Sai	A. Sai
182	320126520119	THADI NAVEEN	C	T. Naveen	T. Naveen	T. Naveen	T. Naveen	T. Naveen	T. Naveen	T. Naveen	T. Naveen
183	320126520120	GULLIPALLI TIRUPATHI RAO	C	G. Tirupati	G. Tirupati	G. Tirupati	G. Tirupati	G. Tirupati	G. Tirupati	G. Tirupati	G. Tirupati
184	320126520121	MOHAMAD ANSAR	C	M. Ansar	M. Ansar	M. Ansar	M. Ansar	M. Ansar	M. Ansar	M. Ansar	M. Ansar
185	320126520122	EEGALA GANGU NAIDU	C	E. Ganganu	E. Ganganu	E. Ganganu	E. Ganganu	E. Ganganu	E. Ganganu	E. Ganganu	E. Ganganu
186	320126520123	MADABATTULA AYYAPPA	C	M. Ayyappa	M. Ayyappa	M. Ayyappa	M. Ayyappa	M. Ayyappa	M. Ayyappa	M. Ayyappa	M. Ayyappa
187	320126520124	NETTI GANESH	C	N. Ganesh	N. Ganesh	N. Ganesh	N. Ganesh	N. Ganesh	N. Ganesh	N. Ganesh	N. Ganesh

15/2/21

PROFESSOR & HEAD

Department of Mechanical Engineering
ANIL NEERUKONDA INSTITUTE OF TECHNOLOGY & SCIENCE
SANGVALA, VISAKHAPATNAM DIST. A.P.



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				(AN)	(AN)	(AN)	(AN)	(AN)	(FN)	(AN)
188	320126520125	GOJJA VIVEK	C	G. Vivek	G. Vivek	G. Vivek	G. Vivek	G. Vivek	G. Vivek	G. Vivek
189	320126520126	KERRI SUDHA	C	B. Sudha	B. Sudha	B. Sudha	B. Sudha	B. Sudha	B. Sudha	B. Sudha
190	320126520127	JAGI BHASKAR	C	G. Bhaskar	G. Bhaskar	G. Bhaskar	G. Bhaskar	G. Bhaskar	G. Bhaskar	G. Bhaskar
191	320126520128	SUVVARI SAI KIRAN	C	S. Saikiran	S. Saikiran	S. Saikiran	S. Saikiran	S. Saikiran	S. Saikiran	S. Saikiran
192	320126520129	GUMMADI VENKATA KRISHNA KISHORE	C	G. Venkatesh	G. Venkatesh	G. Venkatesh	G. Venkatesh	G. Venkatesh	G. Venkatesh	G. Venkatesh
193	320126520130	MYLARA PRADEEP KUMAR	C	M. Pradeep	M. Pradeep	M. Pradeep	M. Pradeep	M. Pradeep	M. Pradeep	M. Pradeep
194	320126520131	DHARAPUREDDI JAGADEESH KOTI	C	D. Jagadeesh	D. Jagadeesh	D. Jagadeesh	D. Jagadeesh	D. Jagadeesh	D. Jagadeesh	D. Jagadeesh
195	319126520169	ALAPANA BHAVANI SANKAR	D	A. Bhavani	A. Bhavani	A. Bhavani	A. Bhavani	A. Bhavani	A. Bhavani	A. Bhavani
196	319126520170	ALIKANA KIRAN KUMAR	D	A. Kiran	A. Kiran	A. Kiran	A. Kiran	A. Kiran	A. Kiran	A. Kiran
197	319126520171	ANNEPU SANDEEP KUMAR	D	A. Sandeep	A. Sandeep	A. Sandeep	A. Sandeep	A. Sandeep	A. Sandeep	A. Sandeep
198	319126520172	APPANAPALLI PRATEEK RAO	D	A. Prateek	A. Prateek	A. Prateek	A. Prateek	A. Prateek	A. Prateek	A. Prateek
199	319126520173	BOIDA GANESH	D	B. Ganesh	B. Ganesh	B. Ganesh	B. Ganesh	B. Ganesh	B. Ganesh	B. Ganesh
200	319126520174	BORA BHARATH KUMAR	D	B. Bharath	B. Bharath	B. Bharath	B. Bharath	B. Bharath	B. Bharath	B. Bharath
201	319126520175	CHINTALAPUDI TEJA SAI	D	C. Teja Sai	C. Teja Sai	C. Teja Sai	C. Teja Sai	C. Teja Sai	C. Teja Sai	C. Teja Sai
202	319126520176	CHINTALAPUDI VENKATA SIVA SAI KARTHIK	D	C. Venkatesh	C. Venkatesh	C. Venkatesh	C. Venkatesh	C. Venkatesh	C. Venkatesh	C. Venkatesh
203	319126520177	DASARI S R V ARUN TEJESH	D	D. Arun	D. Arun	D. Arun	D. Arun	D. Arun	D. Arun	D. Arun
204	319126520178	GAMINI KRISHNA VAMSI	D	G. Vamsi	G. Vamsi	G. Vamsi	G. Vamsi	G. Vamsi	G. Vamsi	G. Vamsi

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PROFESSOR & HEAD
Department of Mechanical Engineering
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				(AN)	(AN)	(AN)	(AN)	(AN)	(FN)	(AN)
205	319126520179	GEDELA KIRAN	D	Prof. G. Girish	Prof. G. Girish	Prof. G. Girish	Prof. G. Girish	Prof. G. Girish	Prof. G. Girish	Prof. G. Girish
206	319126520180	GORLE GIRISH	D	Prof. G. Girish	Prof. G. Girish	Prof. G. Girish	Prof. G. Girish	Prof. G. Girish	Prof. G. Girish	Prof. G. Girish
207	319126520181	GUNDA BALA ROHIT	D	Rohit	Rohit	Rohit	Rohit	Rohit	Rohit	Rohit
208	319126520182	ILLINDA VENKATA VENUGOPALACHARYULU	D	Venugopal	Venugopal	Venugopal	Venugopal	Venugopal	Venugopal	Venugopal
209	319126520183	JASWANTH KUMAR MASAVARAPU	D	Jaswanth	Jaswanth	Jaswanth	Jaswanth	Jaswanth	Jaswanth	Jaswanth
210	319126520184	KAJA NAVEEN	D	Kajanev	Kajanev	Kajanev	Kajanev	Kajanev	Kajanev	Kajanev
211	319126520185	KANDREGULA VASANTHRAJU	D	K.V.P	K.V.P	K.V.P	K.V.P	K.V.P	K.V.P	K.V.P
212	319126520186	KOMALI SAI DHARANEESH	D	Dhanesh	Dhanesh	Dhanesh	Dhanesh	Dhanesh	Dhanesh	Dhanesh
213	319126520187	KOPPIREDDI ADITHYA	D	K.Aditya	K.Aditya	K.Aditya	K.Aditya	K.Aditya	K.Aditya	K.Aditya
214	319126520188	KUMILI DAYA SAGAR	D	K.Prasagar	K.Prasagar	K.Prasagar	K.Prasagar	K.Prasagar	K.Prasagar	K.Prasagar
215	319126520189	LACHIREDDY SAI BHARDWAJ	D	Sai	Sai	Sai	Sai	Sai	Sai	Sai
216	319126520190	MADDU DAMODHARA RAO	D	Maddu	Maddu	Maddu	Maddu	Maddu	Maddu	Maddu
217	319126520191	MADUTHUR ADARSH	D	Adarsh	Adarsh	Adarsh	Adarsh	Adarsh	Adarsh	Adarsh
218	319126520192	MUDADLA BENARJI	D	M.Benarji	M.Benarji	M.Benarji	M.Benarji	M.Benarji	M.Benarji	M.Benarji
219	319126520193	MYLAPALLY VAMSI KRISHNA KANTH	D	M.Vamsi	M.Vamsi	M.Vamsi	M.Vamsi	M.Vamsi	M.Vamsi	M.Vamsi
220	319126520194	NALLA VENKATA TEJA	D	N.Venkat	N.Venkat	N.Venkat	N.Venkat	N.Venkat	N.Venkat	N.Venkat
221	319126520195	NARAMALLA VINAY KRISHNA	D	Vinay	Vinay	Vinay	Vinay	Vinay	Vinay	Vinay

15/1/21

PROFESSOR & HEAD
Department of Mechanical Engineering
ANIL NEERUKONDA INSTITUTE OF TECHNOLOGY & SCIENCE
SANGIVALASA-531 162, VISAKHAPATNAM DIST. A.P.



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				(AN)	(AN)	(AN)	(AN)	(AN)	(FN)	(AN)
222	319126520196	OLETTI SAI REDDY	D	O. Sainreddy	O. Sainreddy	O. Sainreddy	O. Sainreddy	O. Sainreddy	O. Sainreddy	O. Sainreddy
223	319126520197	PADALA AJAY	D	P. Ajay	P. Ajay	P. Ajay	P. Ajay	P. Ajay	P. Ajay	P. Ajay
224	319126520198	PATHIVADA HARAVINDH	D	P. Haravindh	P. Haravindh	P. Haravindh	P. Haravindh	P. Haravindh	P. Haravindh	P. Haravindh
225	319126520199	PEDADA KODANDA	D	P. Kodanda	P. Kodanda	P. Kodanda	P. Kodanda	P. Kodanda	P. Kodanda	P. Kodanda
226	319126520200	PINSETTI SAI KIRAN	D	P. Kiran	P. Kiran	P. Kiran	P. Kiran	P. Kiran	P. Kiran	P. Kiran
227	319126520201	POLUMURU PRASANTHI	D	P. Pranthi	P. Pranthi	P. Pranthi	P. Pranthi	P. Pranthi	P. Pranthi	P. Pranthi
228	319126520202	PULIVARTHI JOY SRI CHANDAN	D	P. Chandan	P. Chandan	P. Chandan	P. Chandan	P. Chandan	P. Chandan	P. Chandan
229	319126520203	SAMBHANA JOGENDRA SAI	D	S. Jogendra Sai	S. Jogendra Sai	S. Jogendra Sai	S. Jogendra Sai	S. Jogendra Sai	S. Jogendra Sai	S. Jogendra Sai
230	319126520204	SURAKATTULA DEVESH	D	S. Devesh	S. Devesh	S. Devesh	S. Devesh	S. Devesh	S. Devesh	S. Devesh
231	319126520205	TALLAPUDI MONISH	D	T. Monish	T. Monish	T. Monish	T. Monish	T. Monish	T. Monish	T. Monish
232	319126520206	THADRANU PRUDHIVIRAI	D	T. Prudhuvirai	T. Prudhuvirai	T. Prudhuvirai	T. Prudhuvirai	T. Prudhuvirai	T. Prudhuvirai	T. Prudhuvirai
233	319126520207	THATIPUDI RENUKA	D	T. Renuka	T. Renuka	T. Renuka	T. Renuka	T. Renuka	T. Renuka	T. Renuka
234	319126520208	THOTA PAVAN SAI KRISHNA	D	T. Pavan	T. Pavan	T. Pavan	T. Pavan	T. Pavan	T. Pavan	T. Pavan
235	318126520018	KANCHI CHINMAY	D	K. Chinmay	K. Chinmay	K. Chinmay	K. Chinmay	K. Chinmay	K. Chinmay	K. Chinmay
236	318126520022	Kollati Sai Sagar	D	K. Sagar	K. Sagar	K. Sagar	K. Sagar	K. Sagar	K. Sagar	K. Sagar
237	318126520063	BADIPATLA DHEERAJ	D	B. Dheeraj	B. Dheeraj	B. Dheeraj	B. Dheeraj	B. Dheeraj	B. Dheeraj	B. Dheeraj
238	318126520196	PAKKI RAJESWARI	D	P. Rajeswari	P. Rajeswari	P. Rajeswari	P. Rajeswari	P. Rajeswari	P. Rajeswari	P. Rajeswari

13/1/21

PROFESSOR & HEAD
Department of Mechanical Engineering
ANIL NEERUKONDA INSTITUTE OF TECHNOLOGY & SCIENCE
Sangivalasa-531 162 VISAKHAPATNAM Dist A



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				18-01-2021	19-01-2021	20-01-2021	21-01-2021	22-01-2021			
239	320126520L32	NAGARAMPALLI SANTOSH KUMAR	D	Present	Present	Present	Present	Present	Present	Present	
240	320126520L33	TOLAPU YASHWANTH	D	Tyagavanth	Tyagavanth	Tyagavanth	Tyagavanth	Tyagavanth	Tyagavanth	Tyagavanth	
241	320126520L34	PATNALA UDAY KIRAN	D	P. Uday Kiran	P. Uday Kiran	P. Uday Kiran	P. Uday Kiran	P. Uday Kiran	P. Uday Kiran	P. Uday Kiran	
242	320126520L35	YELLAPU VENU BHARGAV	D	Y. Venu Bhargava	Y. Venu Bhargava	Y. Venu Bhargava	Y. Venu Bhargava	Y. Venu Bhargava	Y. Venu Bhargava	Y. Venu Bhargava	
243	320126520L36	SHAIK AARIF HUSSAIN	D	Shaiff Hussain	Shaiff Hussain	Shaiff Hussain	Shaiff Hussain	Shaiff Hussain	Shaiff Hussain	Shaiff Hussain	
244	320126520L37	ADDURI TARUN	D	Tarun	Tarun	Tarun	Tarun	Tarun	Tarun	Tarun	
245	320126520L38	ESARAPU BALA KRISHNA	D	B	B	B	B	B	B	B	
246	320126520L39	ALLU KISHORE	D	A. Kishore	A. Kishore	A. Kishore	A. Kishore	A. Kishore	A. Kishore	A. Kishore	
247	320126520L40	TIRISETTY KAVYA	D	Kf	Kf	Kf	Kf	Kf	Kf	Kf	
248	320126520L41	KIMIDU VINODH KUMAR	D	Umesh	Umesh	Umesh	Umesh	Umesh	Umesh	Umesh	
249	320126520L42	CHELLA LIKHITA	D	Likhita	Likhita	Likhita	Likhita	Likhita	Likhita	Likhita	
250	320126520L43	GOTTIPALLI JAYASHEEL SALMON	D	Layesh	Layesh	Layesh	Layesh	Layesh	Layesh	Layesh	
251	320126520L44	YAMAKA AVINASH	D	Absent	Y. Avinash	Y. Avinash	Y. Avinash	Y. Avinash	Y. Avinash	Y. Avinash	
252	320126520L45	PETREM ESHAN LOKESH SAIRAM LOKESH	D	Edhan	Edhan	Edhan	Edhan	Edhan	Edhan	Edhan	
253	320126520L46	PODILAPU VENKATA SURYA PRAKASH	D	P.V. Surya	P.V. Surya	P.V. Surya	P.V. Surya	P.V. Surya	P.V. Surya	P.V. Surya	
254	320126520L47	BODDU NARASIMHA	D	B. Narasimha	B. Narasimha	B. Narasimha	B. Narasimha	B. Narasimha	B. Narasimha	B. Narasimha	
255	320126520L48	MADAPALA BANGARRAJU PADAL	D	M. Bangaraju	M. Bangaraju	M. Bangaraju	M. Bangaraju	M. Bangaraju	M. Bangaraju	M. Bangaraju	

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PROFESSOR'S HEAD
Department of Mechanical Engineering
ANIL NEERUKONDA INSTITUTE OF TECHNOLOGY & SCIENCE



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Sangivalasa-531 162, Biccemunicipalnam Mandal, Visakhapatnam District

Phone: 08933-225083/84/87

Fax: 226395

Website: www.anits.edu.in

email: principal@anits.edu.in

A 5 Week Value Added Course on Fundamentals of Programming Languages – A Hands on Training Sessions

Attendance Sheet

S.NO	REGD. NO.	NAME OF THE STUDENT	SECTION	18-01-2021 (AN)	19-01-2021 (AN)	20-01-2021 (AN)	21-01-2021 (AN)	23-01-2021	
								(FN)	(AN)
256	320126520149	KAKARLA SAI BALAJI	D	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
257	320126520150	BADIREDDI SIVA SHANKAR	D	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
258	320126520151	NEELI SUNIL KUMAR	D	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
259	320126520152	PUKKALLA AJAY	D	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>

[Handwritten Signature]
Coordinator

[Handwritten Signature]
HOD
Mech. Engg.

PROFESSOR & HEAD
Department of Mechanical Engineering
ANIL NEERUKONDA INSTITUTE OF TECHNOLOGY & SCIENCE
Sangivalasa-531 162 VISAKHAPATNAM DISTRICT

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A 5 Week Value Added Course on Fundamentals of Programing Languages – A Hands on Training Sessions









HOD
Mech. Engg. Dept.

ANIL NEERUKONDA INSTITUTE OF TECHNOLOGY & SCIENCES



DEPARTMENT OF MECHANICAL ENGINEERING

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Approved by AICTE, Permanently Affiliated to Andhra university.
Accredited by NBA & NAAC with 'A' grade

Certificate of Completion

This is to certify that Mr/Ms. _____ of _____ has
successfully completed a Five Week Value Added Course on “Fundamentals of
Programming Languages” organised by the Department of Mechanical Engineering,
ANITS from 18-01-2021 to 20-02-2021.

Faculty co-ordinator Head of The Department
(Mechanical)

Principal



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Sangivalasa-531 162, Bheemunipatnam Mandal, Visakhapatnam District
Phone: 08933 225083/84/87 Fax: 226395
Website: www.anits.edu.in email: principal@anits.edu.in

Date: 22/02/2021

Report on A 5 Weeks Value Added Course on Fundamentals of Programming Languages – A Hands on Training Sessions

Name of the programme: Value Added Course on Fundamentals of Programming Languages – A Hands on Training Sessions

Duration of the programme: 5 weeks (18/01/2021 to 20/02/2021)

Contact hours: 68 hrs.

Mode of the programme: Offline

No. of students registered: 257 (II yr students)

No. of students attended: 256

No. of students qualified (based on evaluation sheet Q/A): 256

Name of the Coordinator: Dr. M. Vinod Babu, Assistant Professor, Mech. Engg. Dept.

Resource Persons:

1. Dr. T.V. Hanumantha Rao, Professor, Mech. Engg. Dept.
2. Mr. R. Chandra Mouli, Associate Professor, Mech. Engg. Dept.
3. Mr. J. V. Bhanu Tej, Assistant Professor, Assistant Professor, Mech. Engg. Dept.


Objectives of the programme:

- To Impart the Knowledge to the students with Matlab and Python software. [This enhances programming knowledge in Research and Development].
- To provide a working introduction to the Matlab & Simulink & Python technical computing environment. [Themes of data analysis, visualization, and programming].
- To introduce students, the use of a high-level programming language, Matlab, Python. [scientific problem solving with applications and examples from Engineering].

Outcomes of the programme:

The student understood the basics of Matlab. Break a complex task up into smaller, simpler tasks. Developed codes for case study (two Modules). Tabulated results and Analysed.


22/2/2021


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Mech. Engg. Dept.

PROFESSOR & HEAD
Department of Mechanical Engineering
ANIL NEERUKONDA INSTITUTE OF TECHNOLOGY & SCIENCES
Sangivalasa-531 162, VISAKHAPATNAM Dist. A.P.

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Core Python Assignment

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Q1. Which of the following functions helps us to randomize the items of a list? 1 point

- seed
- shuffle

Q2. Which module in Python supports regular expressions? 1 point

- re
- regex

Q3. What will be the output of the following Python function? 1 point

- []
- 0

Q4. What will be the output of the following Python code? 1 point
`re.split('mum', 'mumbai*', 1)`

- [' ', 'bai']
- [' ', 'bai*']

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Q5. Which statement will read 5 characters from a file (file object 'f')?

1 point

- f.reads(5)
- f.read(5)

Q6. Which function open file in python?

1 point

- open()
- Open()

Q7. Processing of Text file is faster than binary files. (T/F)

1 point

- TRUE
- FALSE

Q8. Which mode create new file if the file does not exist?

1 point

- append mode
- write mode
- Both of the above

Q9. Which statement will return one line from a file (file object 'f')?

- f.readline()

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f.readline()

Q10.readlines() method return _____ 1 point

String

LIST

Q11.EOF stands for _____ 1 point

End of File

End off File

Q12.Which function is used to read data from Text File? 1 point

read()

writelines()

Q13.Which symbol is used for append mode? 1 point

ap

a

Q14.Which of the following options can be used to read the first line of a text file data.txt?

myfile = open("data.txt"); f.readline()

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myFile = open(data.txt); r.readline()

f = open('data.txt'); f.readlines()

Q15. Identify the invalid mode from the following.

1 point

r+

ar+

Q16. What is 'f' in the following statement? f=open("Data.txt", "r")

1 point

File Handle

File Handling

Q17. What is full form of CSV

1 point

Comma Separated Value

Comma Separated Variable

Q18. Almost all the files in our computer stored as _____ File.

1 point

Binary

octal

Q19. Binary files are not in human readable format.(T/F)

1 point

True

False

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Q20..pdf and .doc are examples of _____ files.

1 point

- Text
- Binary

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Q.1 The for loop in Python is an _____

1 point

- Entry Controlled Loop
- Exit Controlled Loop
- Both of the above

Q.2 break in Python is used _____

1 point

- To restart a loop
- Terminate a loop
- To jump in between the loop

Q.3 A loop block in python starts with a -

1 point

- ; (semicolon)
- , (comma)
- : (colon)

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Q.10 Find the output of the following program segments:

1 point

```
for x in range(1,4):
```

```
    for y in range(2,5):
```

```
        if x * y > 6:
```

```
            break
```

```
                print (x * y)
```

8

9

10

Q.11 What will be the final value of l after execution of the loop:

1 point

```
for l in range(10):
```

```
    print(l)
```

10

9

8

Q.12 What will be the output of the given program segment?

1 point

```
for l in range(10, 1, 1):
```

```
    print(l)
```

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Q.4 Which of the following loop is not supported by the python programming language?

1 point

- for loop
- while loop
- do while loop

Q.5 What is another word for 'iteration' ?

1 point

- Selection
- sequence
- repetition

Q.6 Why is iteration important?

1 point

- It determines the order in which instructions are carried out
- It allows multiple paths through a program
- It allows code to be simplified by removing repeated steps

Q.7 How would you create a loop to iterate over the contents of the list given as?

1 point

`monthDays = [31,28,31,30,31,30,31,31,30,31,30,31]`

and print out each element?

 [Request edit access](#)

- for days in range(monthDays):
- for days in monthDays:
- for days in range(len(monthDays)):

Q.8 Find the output of the following program segments: 1 point

```
country = 'INDIA'
```

```
for i in country:
```

```
print (i, end="")
```

- INDIA
- I N D I A
- INDI

Q.9 Find the output of the following program segments: 1 point

```
i = 0
```

```
sum = 0
```

```
while i < 9:
```

```
if i % 4 == 0:
```

```
sum = sum + i
```

```
i = i + 2
```

```
print (sum)
```

- 10
- 12
- 13

- 8
- 9
- 10

Q13. for i in [1,2,3] : , how many times a loop run?

1 point

- 5
- 6
- 3

Q14. for loop in python are work in

1 point

- range
- iteration
- all of the above

Q15. Study the following program:

1 point

```
x = 1
while True:
    if x % 5 == 0:
```


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Q1. _____ can be defined as a named group of instructions that accomplish a specific task when it is invoked/called. 1 point

- function
- data types
- token

Q2. In a program, a function can be called _____ times. 1 point

- Multiple times
- 3
- 2

Q3. Which keyword is used to begin the definition of a function? 1 point

- Define
- DEF
- def

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Q4. Which of the following statement is a function call?

1 point

- call sum()
- def sum()
- sum()

Q5. Functions which are already defined in python is called a _____

1 point

- user defined function
- library functions
- Both b and c

Q6. The function can be called in the program by writing function name followed by ____

1 point

- []
- {}
- ()

Q7. def cal(n1) : What is n1?

1 point

- Parameter
- Argument
- Keyword

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Q8. `cal(n1)` : What is `n1`? 1 point

- Parameter
- Argument
- Keyword

Q9. Write the output of the following:
`def cal(m,n):` 1 point

```
    if m==n:  
        return m*3  
    else:  
        return m*2  
s = cal(9, 8)  
print(s)
```

- 16
- 18
- 19

Q10. Write the output of the following:
`def fn(n1, n2=7):` 1 point

```
    n1=n1+n2  
    print(n1)  
fn(3, 9)
```

- 10
- 12
- 11

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Q11. Functions which do not return any value is called _____ 1 point

- default function
- zero function
- void function

Q12. The return statement in function is used to _____ 1 point

- return value
- returns the control to the calling function
- Both of the above
- None of the above

Q13. A function may return multiple values using _____ 1 point

- List
- Tuple
- String

Q14. Which of the following is not the built-in function? 1 point

- input()
- tuple()

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dictionary()

Q15. Which of the following is not the type of function argument? 1 point

- Required argument
- Keyword argument
- initial argument

Q16. Which of the following return floating point number? 1 point

- print(pow(2, 3))
- print(pow(2.3, 3.2))
- print(pow(2, 3, 2))

Q17. What will be the output of the following code? 1 point

```
x = 3
def myfunc():
    global x
    x+=2
    print(x, end=' ')
print(x, end=' ')
myfunc()
print(x, end=' ')
```

- 3 5 5
- 5 5 5
- 5 3 5

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Q18. Which of the following is the correct way to call a function? 1 point

- my_func()
- def my_func()
- return my_func

Q19. Functions created by user is called _____ function. 1 point

- Inbuilt
- Library
- User defined

Q20. A function can be called _____ times in a program. 1 point

- any number of
- 3
- 2

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Core Python Assignment

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1. Who developed Python Programming Language?

1 point

- Wick van Rossum
- Rasmus Lerdorf
- Guido van Rossum
- Niene Stom

2. Which of the following is the correct extension of the Python file

1 point

- .python
- .pl
- .py
- .p
- Other: _____

3. Is Python code compiled or interpreted?

1 point

- Python code is both compiled and interpreted

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16. Study the following program:

1 point

```
i = 2, 10
j = 3, 5
add = i + j
print(add)
```

- 4
- 3
- 2
- (2, 10, 3, 5)

17. Study the following program:

1 point

```
i = 2
j = 3, 5
add = i + j
print(add)
```

- 4
- 3
- 2
- TypeError
- Other: _____

18. How many control statements python supports?

- 3

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7. Which of the following is not a core data type in Python programming? 1 point

- Tuple
- List
- Class
- Dict


8. What will be the output of the following Python statement? 1 point

`"a"+"bc"`

- bc
- abc
- a
- bca

9. What do we use to define a block of code in Python language? 1 point

- Key
- Brackets
- Indentation
- None of these
- Other:

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10. Which of the following operators is the correct option for power(ab)? 1 point

a ^ b

a**b

a ^^ b

a ^ * b

Other: _____

11. Study the following statements:

1 point

```
>>> print(ord('h') - ord('z'))
```

What will be the output of this statement

18

-18

24

25

12. What error will occur when you execute the following code?

1 point

```
MANGO = APPLE
```

NameError

SyntaxError

TypeError

ValueError

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13. What happens when `'2' == 2` is executed?

1 point

- False
- True
- ValueError occurs
- TypeError occurs

14. Study the following program:

1 point

```
int1 = 10
int2 = 6
if int1 != int2:
    int2 = ++int2
print(int1 - int2)
```


- 5
- 4
- 3
- 2
- 1

15. Study the following program:

1 point

```
word = "datapro"
print(*word)
```

- datapro
- datapro

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- Python code is neither compiled nor interpreted
- Python code is only compiled
- Python code is only interpreted

4. What will be the value of the following Python expression? 1 point
4 + 3 % 5

- 7
- 3
- 4
- 5
- Other: _____

5. Which of the following character is used to give single-line comments in Python? 1 point

- #
- @
- ##
- \$
- Other: _____

6. Which of the following is the truncation division operator in Python? 1 point

- |
- //
- /
- %

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- 4
- 5
- 6

19. How many keywords are present in the python programming language 3.10 version? 1 point

- 36
- 37
- 34
- 35

20. Which of the following arithmetic operators cannot be used with str type in python? 1 point

- +
-
- *
- all of the above

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Core Python Assignment

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Q1. Following is an example of _____

1 point

```
a="datapro"  
print(type(a))
```

- String
- list
- tuple

Q2. Python considered the character enclosed in triple quotes as String. (T/F)

1 point

- true
- false

Q3. Write the output of the following code :a= "Welcome to \"datapro\" my dear students"

1 point

```
print(a)
```

- Welcome to "datapro" my dear students
- Welcome to \"datapro\" my dear students



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Q4. `str = "Datapro "`

1 point

`l=len(str)`

`print(l)`

- 8
- 5
- 7

Q5. What is the index value of 'i' in string "Learning"

1 point

- 5
- 4
- 3

Q6. Write the output of the following code :`list("welcome")`

1 point

- ['w', 'e', 'l', 'c', 'o', 'm', 'e']
- ('w', 'e', 'l', 'c', 'o', 'm', 'e')
- [['w', 'e', 'l', 'c', 'o', 'm', 'e']]

Q7. Write the output of the following code :

1 point

`L=[1,5,9]`

`print(sum(L),max(L),min(L))`

- 15 9 1
- 15 1 9
- 1 9 15

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Q8. Write the output of the following code : 1 point

```
L=[1,2,3,4,5,[6,7,8]]  
print(L[5])
```

- [4,5,[6,7,8]]
- [6,7]
- [6,7,8]

Q9. Write the output of the following code : 1 point

```
L=[0.5 * x for x in range(4)]  
print(L)
```

- [0.0, 0.5, 1.0, 1.5]
- (0.5, 1, 1.5)
- [0.0, 0.5, 1.0, 1.5, 2.0]

Q10. Write the output of the following code : 1 point

```
L= [1*x for x in range(10,1,-4)]  
print(L)
```

- [10, 6, 2]
- [10, 7, 4]
- [10, 7, 5]

Q11. Write the output of the following code : 1 point

```
L=[1,2,3,4,5]
for i in L:
    print(i,end=" ")
    i=i+1
```

- 1, 2, 3, 4, 5
- 1, 3, 5
- 1, 3, 5, 2

Q12. Write the output of the following: 1 point

```
T = [1,2,3,4]
T1 = [3,4,5,6]
T2 = T + T1
print(T2)
```

- [1, 2, 3, 4, 5, 6]
- [1, 2, 3, 4, 3, 4, 5, 6]
- [4, 6, 8, 10]

Q13. Following two print statement will return same result.(T/F) L1 = [1, 5, 9] 1 point

```
L2 = [2, 3, 4]
print(L1 + L1)
print(L1 * 2)
```

- true
- false

Q14. Which of the following creates a tuple?

1 point

- tuple1=("a","b")
- tuple1[2]="a","b"
- tuple1=(5)*2

Q15. Choose the correct option with respect to Python.

1 point

- Both tuples and lists are immutable.
- Tuples are immutable while lists are mutable.
- Both tuples and lists are mutable.

Q16. What will be the output of following Python code?

1 point

```
list1=[1,3,4,2]
```

```
x=list1.pop(2)
```

```
print(set([x]))
```

- {1,3,4}
- {1,3,2}
- {4}

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Q17. What will be the result of below Python code? 1 point

```
set1={1,2,3}
set1.add(4)
print(set1)
```

- {1,2,3,4}
- {1,2,3}
- {1,2,3,4,4}

Q18. What is the output of the following code 1 point

```
dict1 = {"key1":1, "key2":2}
dict2 = {"key2":2, "key1":1}
print(dict1 == dict2)
```

- true
- False

Q19. What will be the output of the following Python code snippet? 1 point

```
a={1:"A",2:"B",3:"C"}
del a
```

- del deletes the entire dictionary
- del deletes the keys in the dictionary
- del deletes the values in the dictionary

Q20. Keys of dictionary must be _____ 1 point

- unique
- antique
- mutable

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Phone: 08933-225083/84/87

Fax: 226395

Website: www.anits.edu.in

email: principal@anits.edu.in

DEPARTMENT OF ELECTRONICS AND COMMUNICATION

CIRCULAR

Dt. 5/10/2020

This is to inform all the current III/IV B. Tech, ECE students that a short term course on “Microcontroller programming using Keil” is planned as below. All the students of III/IV ECE are requested to avail this. This course can be considered as Value Added Course further.

Course details are furnished along with.

HoD, ECE.

Head of the Department
Department of E C E

Anil Neerukonda Institute of Technology & Sciences
Sangivalasa - 531 162



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Sangivalasa-531 162, Bheemunipatnam Mandal, Visakhapatnam District

Phone: 08933-225083/84/87

Fax: 226395

Website: www.anits.edu.in

email: principal@anits.edu.in

DEPARTMENT OF ELECTRONICS AND COMMUNICATION

A two week value added course

on

“Microcontroller programming using Keil”

(19-10-2020 to 31-10-2020)

Course Coordinator : Dr. S. Srinivas, Associate Professor, Dept. of. ECE, ANITS

Name of the course : Microcontroller programming using Keil

Course Instructor : Mr. N. Ramkumar, Assistant Professor, Dept. of. ECE, ANITS

Prerequisites : Digital Electronics, Digital logic design, microprocessors

Duration : 30 hrs

COURSE OBJECTIVES

- Introduce how Microcontroller has become a game changer in the new economy where the customers are looking for integrated value.
- System designing using 8051 microcontrollers using Keil.

COURSE OUTCOMES

After undergoing the course, students will be able to	
1.	Acquire knowledge of architecture, hardware and operation of microcontroller - 8051
2.	Understand instruction set of 8051 and apply them to write assembly language programs
3.	Interface 8051 with various peripherals
4.	Program the 8051 microcontroller for different embedded systems applications using assembly level programming in Keil environment.
5.	Prototype the 8051 microcontroller for different embedded systems applications using embedded C in Keil environment.

Mapping of Course Outcomes with Program Outcomes:

		PO												PSO				
		1	2	3	4	5	6	7	8	9	10	11	12	1	2	3		
CO	1	1	1	1														1
	2	1	1	1														1
	3	1	1	1														1
	4	1	1	1														1
	5	1	1	1														1

Justification:

CO1: The students are expected to illustrate architecture and working of 8051 Microcontroller.

CO2: The students are expected to **Apply** Different principles of designing an Embedded systems.
CO3: The students are able to Apply Keil Programming in Assembly level to solve the embedded systems problems.

CO4: The students are expected **Prototype the Embedded Devices by interfacing peripherals.**

CO5: The students are able to Apply Keil Programming in high level using embedded 'C' to solve the embedded systems problems.

SYLLABUS

UNIT I	6 Periods
8051 Architecture: 8051 Microcontroller: Introduction to Microcontrollers, comparing Microprocessors and Microcontrollers, Architecture of 8051 Micro controller, Register organization of 8051, SFRs, Addressing modes of 8051. Pin configuration of 8051, Input/Output Ports and Circuits, External Memory, Counters/Timers and modes of Timers, Serial data Input/Output, Interrupts.	
UNIT II	6 Periods
Assembly Language Programming of 8051 using Keil Programming the 8051. Data Transfer and Logical Instructions. Arithmetic Operations, Decimal Arithmetic. Jump and Call Instructions.	
UNIT III	6 Periods
Interfacing 8051 Interfacing with Keyboards, Displays, D/A and A/D converters, Multiple Interrupts, Serial Data Communication.	
UNIT IV	6 Periods
Programming and Prototyping the 8051 microcontroller for different embedded systems applications.	
UNIT V	6 periods
Embedded C Programming of 8051 using Keil Programming the 8051. Data Transfer and Logical Instructions. Arithmetic Operations, Decimal Arithmetic. Jump and Call Instructions	

Text Books:

1. Raj Kamal, "Internet of Things: Architecture and Design", McGraw Hill.
2. Andrew K. Dennis, "Raspberry Pi Computer Architecture Essentials", 1st edition, Packt publishing, 2016

Reference Books:

1. Vijay Madiseti, Arshdeep Bahga, Internet of Things, "A Hands on Approach", University Press.
2. Hakima Chaouchi, "The Internet of Things Connecting Objects to the Web" ISBN : 978-1-84821-140-7, Willy Publications.


Course Co-ordinator:


HOD, ECE



Anil Neerukonda Institute of Technology & Sciences (Autonomous)

(Affiliated to AU, Approved by AICTE & Accredited by NBA (ECE,EEE,CSE,IT & Mech.) & NAAC)

Sangivalasa-531 162, Bheemunipatnam Mandal, Visakhapatnam District

Phone: 08933-225083/84/87

Fax: 226395

Website: www.anits.edu.in

email: principal@anits.edu.in

DEPARTMENT OF ELECTRONICS AND COMMUNICATION

Following is the list of students Registered for the two week Value Added course titled “**Microcontroller programming using Keil**”, conducted during **19-10-2020 to 31-10-2020**.

Section A:

S.NO	AdmnNo	StudentName
1	319126512001	ALLU SAHITYA
2	319126512002	B.VENKATA PADMANABHA RAJU
3	319126512003	BATTULA KEERTHI
4	319126512004	BELLANA AIDTYA PATRO
5	319126512005	BHEEMISETTI VENKATA SAI YASWANTH
6	319126512006	BONELA JAYA KISHOR
7	319126512007	BONGU USHA SRI
8	319126512008	BORA JAGADEESH
9	319126512009	BOTTA SREE SAI PREETHAM
10	319126512010	BUDDHA HARSHA VARDHAN
11	319126512011	CHAITHANYA TEJA UPPE
12	319126512012	CHATLA GANESH REDDY
13	319126512013	EPURI JAYA BHARGAVI VARMA
14	319126512014	GANTIYADA HEMA KALYANI
15	319126512015	GEDELA TARUN
16	319126512016	GIDUTHURI KIRAN SAI
17	319126512017	GORAPALLI CHAKRADHAR NAIDU
18	319126512018	GUNDABALA MOHAN VAMSI
19	319126512019	GUNDUBOGULA JAYANTH NAGA SRI SAI
20	319126512020	ILLINDRAPARTHI SATHYA SAGAR
21	319126512021	JAMI DILEEP KUMAR
22	319126512022	KAKARA JYOTHIR SAI
23	319126512023	KAMMILA LASYA SRI
24	319126512024	KANGAVA KUMAR SWAMY
25	319126512026	KATAKAM SAI CHARAN
26	319126512027	KOREDLA PREM SAI ESWAR NAIDU
27	319126512028	KOSIREDDI LOKESH
28	319126512029	KRAPA TARUN
29	319126512030	LODAGALA SAI TEJA
30	319126512031	MADIMI JAY SHANKAR
31	319126512032	MAJJI SURYA VAMSI
32	319126512033	MARRAPU DEEPIKA
33	319126512034	MEESALA KARTHEEK

34	319126512035	MIDATHANA USHA JYOTHI
35	319126512036	MOGADALA TEJA
36	319126512037	MOHAMMAD ZAHEER
37	319126512038	MUDUNURI SRIVARDHAN VARMA
38	319126512039	MURATHOTI NAVEEN KUMAR
39	319126512040	NASEER SHAIK
40	319126512041	P S AKHIL NAKKA
41	319126512042	PANNURI RAJA SRI
42	319126512043	PENTAKOTA JAY CHANDRA
43	319126512044	PEYYALA PADMARAGAM
44	319126512045	PUJARI PALLAVI
45	319126512046	PUKKALLA MANAS
46	319126512047	RAKESH KAKUMANI
47	319126512048	RAMBA RAKESH
48	319126512049	RUNKU POOJITHA
49	319126512050	SALIHUNDAM SAI DEEPAK
50	319126512051	SANABOINA JAYA PRAKASH
51	319126512052	SANAGANA RAVITEJA
52	319126512053	SANGANA SWARNA REDDY
53	319126512055	SETTY AKSHIT
54	319126512056	SOMIREDDI YESWANTH
55	319126512057	SPANDANA KORLAM
56	319126512058	TAMMINEEDI LALITHYA RAMA
57	319126512059	TANGUDU SAMYUKTHA
58	319126512060	UPPALA SAI LOKESH
59	319126512061	VAJJA PRAVEEN
60	319126512062	VAKA PAVAN KUMAR
61	319126512063	VANKAYALA VENKATA RAMA LINGESWARA RAO
62	319126512064	VARIGANJI KRISHNA VAMSI
63	320126512L01	BATHULA MANJU SRI
64	320126512L02	VOMMI BHASKAR LAL MEHAR SATSANGI
65	320126512L04	BATHULA CHANDRA SEKARA RAJU
66	320126512L05	MANOHAR REDDY MEDAPATI
67	320126512L06	T.SAI KIRAN
68	320126512L07	CHODAVARAPU CHANDRA MOULI
69	320126512L08	REDDI ANUSHA

Section B:

S.NO	AdmnNo	StudentName
1	319126512065	ANKAM VENKATA GANGA VANDHANA
2	319126512066	ASHA JYOTHI VELECHARLA
3	319126512067	AYYALASOMAYAJULA PAVAN KALYAN
4	319126512068	BANDARU KEERTHI
5	319126512069	BANTU BHARGAVI
6	319126512070	BASINA SAI SAMPATH VINAYAK MARIDI BABU
7	319126512071	BEHARA SAI MANASA
8	319126512072	BISWAJIT NAYAK
9	319126512073	BORA ESWARA RAO
10	319126512074	BUDDHA BINDU
11	319126512075	CHAGANTI SAI TEJASRI
12	319126512076	CHAVALA KUMAR CHARUKESH
13	319126512077	CHILLA SANDEEP REDDY
14	319126512078	CHIRUMAMILLA SAI GOWTHAM
15	319126512079	EASARLA RAJKAMAL
16	319126512080	ELURI MANIKANTA SAI
17	319126512081	ESAMSETTI PUSHPA RAJ
18	319126512082	GATREDDI BHAVANA SAI SREE
19	319126512083	GORAKALA AKHILA
20	319126512084	GOWTHAM GUDE
21	319126512085	HANUMANTHU DINESH
22	319126512086	J SRI RAM PRATEEK
23	319126512087	JAGGAMSETTI LOKESH KUMAR
24	319126512088	KALLEPALLI BHARATH KUMAR
25	319126512089	KARU GUNADEEP
26	319126512091	KATCHALLA JAYANTH
27	319126512092	KONDAPALLI YASASWINI
28	319126512093	KOYYALA HARI VENKATA SURYA SAI MADHU
29	319126512094	MADABATTULA VENKATA RATNA VIGNESWARA TEJAS
30	319126512096	MADIMI DHANUSH KARTHIK
31	319126512097	MASA NITISH KUMAR
32	319126512098	MUSHINI SATYA SUDHA
33	319126512099	MUTYALA SAI ANURAG
34	319126512100	NABMALA SAI ROHIT
35	319126512101	NADUPURU NAVYA SRI
36	319126512102	NEMALA NAVEEN
37	319126512103	NIMMIADI YASWANTH
38	319126512104	NOWDU SANDEEP

39	319126512105	PADIMI BALAJI
40	319126512106	PALAPARTHI AKHILA PRINCY
41	319126512107	PARELLA MANIKANTA
42	319126512108	PEDDAPATI LAKSHMI MADHUMITHA
43	319126512109	PEDDINTI SHIRISHA
44	319126512110	PILLA VEERA VENKATA S S BHAGAVAN
45	319126512111	POLIREDDY ESWARA TEJA
46	319126512112	REDDI RAVINDRA
47	319126512113	SAI JASHWANTH KUMAR GUNTU
48	319126512114	SALURU DILLESWARA RAO
49	319126512115	SHAIK AMEENA
50	319126512116	SHAIK AMEER BHASHA
51	319126512117	SINGAMPALLI KAVYA
52	319126512118	TAMARAPALLI SRI LAKSHMI SUVARNA
53	319126512119	THADDI JAGADEESWAR
54	319126512120	THATIPUDI YASWANTH GANESH
55	319126512121	VADAMODULA BHANU PRAKASH
56	319126512122	VADLAMUDI ARAVIND BABU
57	319126512123	VAMSI THUMMA
58	319126512124	VANGAPANDU RASHMITA
59	319126512125	VAMPUGADAPA SUMANTH
60	319126512126	VYSYARAJU SHANMUKHA RAJU
61	319126512127	YADLA GOWTHAMI
62	319126512128	YAJJALA KRANTHI SWAROOP
63	320126512L09	CHUKKA SAI KRISHNA
64	320126512L10	DODDI.TEJASWINI
65	320126512L11	TAMMIRISI SRI NRUSIMHA BHARGAVA RAM
66	320126512L13	DONADRI SUPRIYA
67	320126512L14	MADEM ROHINI
68	320126512L15	GANTA KARTHIK SAI
69	320126512L16	CHUNDRU PRANAY BABU

Section C:

S.NO	AdmnNo	StudentName
1	318126512095	PISINI PADMAJA
2	318126512055	VANAGALA SHYAM KUMAR DORA
3	319126512129	ADAVIVARAPU MANASA
4	319126512130	ANDHAVARAPU PRIYANKA
5	319126512131	ATTADA PAVAN SADHGUNA
6	319126512132	AYODHYA REVANTH
7	319126512133	BANKURU GEETA SAI SNEHA
8	319126512134	BANTU SAI BABU
9	319126512135	BELLANA UPENDRA
10	319126512136	BODDEDA UDAY NARAYANA
11	319126512137	BONTU SOWMYA
12	319126512138	BOTCHA MOUNICA
13	319126512139	CHANDRA LEKHYA PAKALAPATI
14	319126512140	DANDA SOWJANYA
15	319126512141	DWARASALA LAKSHMI PRASANNA
16	319126512142	ELAKA HAVILA
17	319126512143	GANTA SUNIL
18	319126512144	GEMBALI TEJA VINAY
19	319126512145	GENJI SAI DEVI
20	319126512146	GOLLU CHANDRA KALA
21	319126512147	GUDIVADA VINEELA
22	319126512148	HARSHITH GANJI
23	319126512149	INNEVILLI PUSHPA LATHA
24	319126512150	JAVADALA ASHISH
25	319126512152	KAPAKAYALA MOHAN SAINARAYANA
26	319126512153	KOLAGATLA JYOTHIRMAI
27	319126512154	KOLLU GAYATRI SHIVANI
28	319126512155	KOLLURI DIVYA TEJA SRI
29	319126512156	KURUMALLA LOKA VENKATA SATYANARAYANA
30	319126512157	LAGUDU DURGA PRIYANKA
31	319126512158	LEELA NAGA SAI PHANINDRA YANDRAPU
32	319126512159	LINGALA VIJAY KUMAR
33	319126512160	MALLELLI CHAITANYA
34	319126512161	MATTA KALYAN KARTHIK
35	319126512162	MENDI VAMSI
36	319126512163	MODUKURI SAI CHANDH
37	319126512164	MOHAMMED MAHIN NOORIE
38	319126512165	MUKURAPU TARUN

39	319126512166	NAGIREDDY ABHINAYA
40	319126512167	PALAVALASA ADITHYA
41	319126512168	PANJA RENUKA
42	319126512169	PASUMARTHI PADMA ANJANA SRIYA
43	319126512170	PEDIREDLA SAI RAM
44	319126512171	PUNUMAJJI DIVYA SRI
45	319126512173	RAVIKUMAR KANURI
46	319126512174	REDDI HARISH
47	319126512175	REDDI NIKHILA
48	319126512176	REDDY SRINIVASA RAO
49	319126512177	REDDY VISHNU SURENDRA REDDY
50	319126512178	REKAPALLI PAAVAN SRI SAI
51	319126512179	SANIVADA PRADEEP CHANDRA
52	319126512180	SARAGULA PRASANTH KUMAR
53	319126512181	SHAIK ABDUL KAREEN
54	319126512182	SIRUKURI AVINASH
55	319126512183	TANKALA VANDANA
56	319126512184	TEPPALA CHANDRIKA
57	319126512185	VADDADI CHARAN KUMAR
58	319126512186	VEESAM YUGANDHAR
59	319126512187	VEMAGIRI JOHN SANDEEP KUMAR
60	320126512L17	KIRAMPALLI.MANI KUMAR
61	320126512L18	MUCHERLA SATYA V.K.VAMSI
62	320126512L19	YAMPADA SURESH REDDY
63	320126512L20	YERRAMSETTI BHASKAR
64	320126512L21	Y.VENKAT DURGA BHAVANI
65	320126512L22	KILARI NAMRATA
66	320126512L23	A.N.VENKATA SAI MANIKANTHA
67	320126512L24	KONA YASWANTH KUMAR


Coordinator:


HoD

DEPARTMENT OF ELECTRONICS AND COMMUNICATION

Report on two-week value added course

titled

“Microcontroller programming using Keil”

(19-10-2020 to 31-10-2020)

Course Coordinator : Dr. S. Srinivas, Associate Professor, Dept. of. ECE, ANITS

Name of the course : Microcontroller programming using Keil

Course Instructor : Mr. N. Ramkumar, Assistant Professor, Dept. of. ECE, ANITS

Prerequisites : Digital Electronics, Digital logic design, microprocessors

Duration : 30 hrs

The details of delivery are as follows:

Monday 19/10/2020

No. of Participants: 199

Topics covered:



On this day an Overview of embedded systems was covered. Further, instructor discussed the following topics. Introduction to Microcontrollers, comparing Microprocessors and Microcontrollers, Architecture of 8051 Micro controller, Register organization of 8051, SFRs, Addressing modes of 8051.

Outcome: The students are expected to illustrate architecture and working of 8051 Microcontroller.

Tuesday 20/10/2020

No. of Participants: 199

Instructor discussed the following topics. Pin configuration of 8051, Input/Output Ports and Circuits, External Memory, Counters/Timers and modes of Timers, Serial data Input/Output, Interrupts.

Outcome: The students are expected to illustrate architecture and working of 8051 Microcontroller.



Wednesday 21/10/20

No. of Participants: 199



Topics Covered:

Programming the 8051. Data Transfer and Logical Instructions. Arithmetic Operations,

Outcome: The students are able to Apply Keil Programming in Assembly level to solve the embedded systems problems

Thursday 22/10/20

No. of Participants: 199

Topics Covered:

Decimal Arithmetic. Jump and Call Instructions.

Outcome: The students are able to Apply Keil Programming in Assembly level to solve the embedded systems problems



Friday 23/10/20

No. of Participants: 199

Topics Covered:



Interfacing with Keyboards, Displays,

Outcome: The students are expected **Prototype the Embedded Devices by interfacing peripherals**

**Saturday
24/10/20**



No of participants: 199

Topics Covered:

D/A and A/D converters, Multiple Interrupts, Serial Data Communication.

Outcome: The students are expected **Prototype the Embedded Devices by interfacing peripherals**

26/10/20

No. of Participants: 199



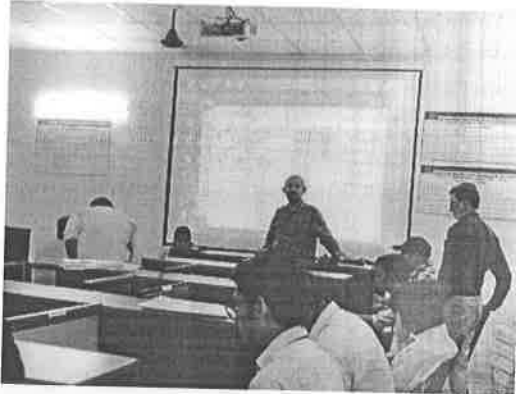
Programming and Prototyping the 8051 microcontroller for different embedded systems applications.

Outcome:

Program the 8051 microcontroller for different embedded systems applications using assembly level programming in Keil environment.

27/10/20

No. of Participants: 199



Programming and Prototyping the 8051 microcontroller for different embedded systems applications.

Outcome:

Program the 8051 microcontroller for different embedded systems applications using assembly level programming in Keil environment.

28/10/20

No. of Participants: 199

Embedded C Programming of 8051 using Keil

Programming the 8051. Data Transfer and Logical Instructions.

Outcome:

The students are able to Apply Keil Programming in high level using embedded 'C' to solve the embedded systems problems.



29/10/20

No. of Participants: 199



Embedded C Programming of 8051 using Keil
Arithmetic Operations, Decimal Arithmetic. Jump and Call Instructions

Outcome:

The students are able to Apply Keil Programming in high level using embedded 'C' to solve the embedded systems problems

30/10/20

No. of Participants: 199

Topics Covered:



Embedded C Programming of 8051 using Keil:

Programming and Prototyping the 8051 microcontroller for different embedded systems applications.

Outcome: The students are able to Apply Keil Programming in embedded C to solve the embedded systems problems

31/10/20

No. of Participants: 199

Topics Covered:

Embedded C Programming of 8051 using Keil for prototyping:

Programming and Prototyping the 8051 microcontroller for different embedded systems applications.

Outcome: The students are able to Apply Keil Programming in embedded C to solve the embedded systems problems



Conclusions:

The two week value added course on “**Microcontroller programming using Keil**” conducted during 19-10-2020 to 31-10-2020(30 hrs) by the department of ECE. This course created an opportunity for the students to acquire knowledge of hardware and software components related to Microcontrolled based system design and apply the knowledge to Interface I/O devices, sensors & communication modules using Keil IDE. This course facilitated the students to develop real life Embedded systems projects using 8051 microcontroller and Keil IDE. Around 199 students participated in this course.


Course coordinator:


HOD, ECE



Anil Neerukonda Institute of Technology & Sciences (Autonomous)

(Affiliated to AU, Approved by AICTE & Accredited by NBA (ECE, EEE, CSE, IT & Mech.) & NAAC)

Sangivalasa-531 162, Bheemunipatnam Mandal, Visakhapatnam District

Phone: 08933-225083/84/87

Fax: 226395

Website: www.anits.edu.in

email: principal@anits.edu.in

Certificate of Course Completion

This to Certify that Mr

Sai Kumar Jashwanth Guntu

Has completed a two week value added course titled "Microcontroller programming using organized by the Department of Electronics and Communication Engineering, Anil Neer Institute of Technology and Sciences (ANITS), (Autonomous), Visakhapatnam, during 19th October 2020


Coordinator, Dept of ECE

HOD, Dept of ECE

186.	319126512177	vint	vehi	vili	veth	vith	vsh	vsh	vint	vith	vith	vith	veth
187.	319126512178	Paavan	Paavan	Paavan	Paavan	Paavan	Paavan	Paavan	Paavan	Paavan	Paavan	Paavan	Paavan
188.	319126512179	A	A	A	A	A	A	A	A	A	A	A	A
189.	319126512180	Pa	Pa	Pa	Pa	Pa	Pa	Pa	Pa	Pa	Pa	Pa	Pa
190.	319126512181	Pa	Pa	Pa	Pa	Pa	Pa	Pa	Pa	Pa	Pa	Pa	Pa
191.	319126512182	Avin	Avi	Avi	Avi	Avi	Avi	Avi	Avi	Avi	Avi	Avi	Avi
192.	319126512183	Ca	Ca	Ca	Ca	Ca	Ca	Ca	Ca	Ca	Ca	Ca	Ca
193.	319126512184	chandi	chandi	chandi	chandi	chandi	chandi	chandi	chandi	chandi	chandi	chandi	chandi
194.	319126512185	Ch	Ch	Ch	Ch	Ch	Ch	Ch	Ch	Ch	Ch	Ch	Ch
195.	319126512186	Yu	Yu	Yu	Yu	Yu	Yu	Yu	Yu	Yu	Yu	Yu	Yu
196.	319126512187	Joh	Joh	Joh	Joh	Joh	Joh	Joh	Joh	Joh	Joh	Joh	Joh
197.	320126512117	Man	Man	Man	Man	Man	Man	Man	Man	Man	Man	Man	Man
198.	320126512118	Man	Man	Man	Man	Man	Man	Man	Man	Man	Man	Man	Man
199.	320126512119	Y. Sanyal	Y. Sanyal	Y. Sanyal	Y. Sanyal	Y. Sanyal	Y. Sanyal	Y. Sanyal	Y. Sanyal	Y. Sanyal	Y. Sanyal	Y. Sanyal	Y. Sanyal
200.	320126512120	Bha	Bha	Bha	Bha	Bha	Bha	Bha	Bha	Bha	Bha	Bha	Bha
201.	320126512121	Bha	Bha	Bha	Bha	Bha	Bha	Bha	Bha	Bha	Bha	Bha	Bha
2.	320126512122	M	M	M	M	M	M	M	M	M	M	M	M
203.	320126512123	M	M	M	M	M	M	M	M	M	M	M	M
204.	320126512124	K. Yes	K. Yes	K. Yes	K. Yes	K. Yes	K. Yes	K. Yes	K. Yes	K. Yes	K. Yes	K. Yes	K. Yes
205.	318126512095	Paan	Paan	Paan	Paan	Paan	Paan	Paan	Paan	Paan	Paan	Paan	Paan
206.	318126512055	A	A	A	A	A	A	A	A	A	A	A	A
207.	319126512129	M	M	M	M	M	M	M	M	M	M	M	M
208.	319126512130	P	P	P	P	P	P	P	P	P	P	P	P
209.	319126512131	P	P	P	P	P	P	P	P	P	P	P	P
210.	319126512132	R	R	R	R	R	R	R	R	R	R	R	R
211.	319126512133	S	S	S	S	S	S	S	S	S	S	S	S

Course Intstructor: 

Course Co-ordinator: 

HoD 



Anil Neerukonda Institute of Technology & Sciences (Autonomous)

(Affiliated to AU, Approved by AICTE & Accredited by NBA (ECE,EEE,CSE,IT & Mech.) & NAAC)

Sangivalasa-531 162, Bheemunipatnam Mandal, Visakhapatnam District

Phone: 08933-225083/84/87

Fax: 226395

Website: www.anits.edu.in

email: principal@anits.edu.in

DEPARTMENT OF ELECTRONICS AND COMMUNICATION

CIRCULAR

Dt. 5/10/2020

This is to inform all the current III/IV B. Tech, ECE students that a short term course on “**Basics of Analog IC Design**” is planned as below. All the students of III/IV ECE are requested to avail this. This course can be considered as Value Added Course further.

Course details are furnished along with.

HoD, ECE.

**Head of the Department
Department of E C E**

**Anil Neerukonda Institute of Technology & Sciences
Sangivalasa - 531 162**



Anil Neerukonda Institute of Technology & Sciences (Autonomous)

(Affiliated to AU, Approved by AICTE & Accredited by NBA (ECE,EEE,CSE,IT & Mech.) & NAAC)

Sangivalasa-531 162, Bheemunipatnam Mandal, Visakhapatnam District

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Fax: 226395

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email: principal@anits.edu.in

DEPARTMENT OF ELECTRONICS AND COMMUNICATION

A two week value added course

on

“Basics of Analog IC Design”

(19-10-2020 to 31-10-2020)

Course Coordinator : Dr. S. Srinivas, Associate Professor, Dept. of. ECE, ANITS

Name of the course : Basics of Analog IC Design

Prerequisites : Electronic Devices and Circuits, Network Analysis and Synthesis, Electronic Circuits Analysis-I, Electronic Circuits Analysis-II

Duration :30 hrs

Course Objectives :

OBJECTIVES:

- To study the fundamentals of analog circuits and MOS device models
- To gain knowledge on various configurations of MOS transistors and feedback concepts
- To study the characteristics of noise and frequency response of the amplifier
- To learn the concepts of Op-Amp frequency compensation, capacitor switches and PLLs

Course Outcomes: By the end of the course student will be able to:

CO Nos.	Course Outcomes
CO1	Realize the concepts of Analog MOS devices and current mirror circuits.
CO2	Design different configuration of Amplifiers and feedback circuits.
CO3	Analyze the characteristics of frequency response of the amplifier and its noise.
CO4	Analyze the performance of the stability and frequency compensation techniques of Op- Amp Circuits.
CO5	Construct switched capacitor circuits and PLLs

Course Outcome	PO												PSO				
	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3		
CO	1	2	2	1												2	
	2	2	2	1		1										2	
	3	2	2	2	2	2										2	
	4	2	2	1													1
	5	2	2	1								2					2

SYLLABUS

UNIT I	INTRODUCTION TO ANALOG IC DESIGN AND CURRENT MIRRORS	12
Concepts of Analog Design - General consideration of MOS devices – MOS I/V Characteristics – Second order effects – MOS device models. Basic current mirrors- Cascode current mirrors- Active current mirrors- Large and Small signal analysis- Common mode properties.		
UNIT II	AMPLIFIERS AND FEEDBACK	12
Basic Concepts – Common source stage- Source follower- Common gate stage- Cascode stage. Single ended and differential operation- Basic Differential pair- Common mode response- Differential pair with MOS loads- Gilbert Cell. Feedback- General Consideration of feedback circuits- Feedback topologies- Effect of loading- Effect of feedback on Noise.		
UNIT III	FREQUENCY RESPONSE OF AMPLIFIERS AND NOISE	12
General considerations- Miller Effect and Association of Poles with Nodes, Common source stage- Source followers- Common gate stage- Cascode stage- Differential pair. Noise- Statistical characteristics of noise- Types of noise- Representation of noise in circuits- Noise in single stage amplifiers- Noise in differential pairs- Noise Bandwidth.		
UNIT IV	OPERATIONAL AMPLIFIER STABILITY AND FREQUENCY COMPENSATION	12
General Considerations- One and Two Stage Op Amps- Gain Boosting- Comparison- Common mode feedback- Input range limitations- Slew rate- Power Supply Rejection- Noise in Op Amps- General consideration of stability and frequency compensation- Multipole system- Phase margin- Frequency compensation- Compensation of two stage op Amps- Other compensation techniques.		
UNIT V	SWITCHED CAPACITOR CIRCUITS AND PLLS	12
General Considerations- Sampling switches- Switched Capacitor Amplifiers- Switched Capacitor Integrator- Switched Capacitor Common mode feedback. Phase Locked Loops-Simple PLL- Charge pump PLLs - Non ideal Effects in PLLs- Delay locked loops- its Applications.		

TEXT BOOK:

1. Behzad Razavi, —Design of Analog CMOS Integrated Circuits, Tata McGraw Hill, 2001, 33rd re-print, 2016.

REFERENCES:

1. Phillip Allen and Douglas Holmberg —CMOS Analog Circuit Design, Second Edition, Oxford University Press, 2004.
2. Paul R. Gray, Paul J. Hurst, Stephen H. Lewis, Robert G. Meyer, Analysis and Design of Analog Integrated Circuits, 5th Edition, Wiley, 2009
3. Grebene, —Bipolar and MOS Analog Integrated circuit design, John Wiley & sons, Inc., 2003


Course Co-ordinator:


HOD, ECE



Anil Neerukonda Institute of Technology & Sciences (Autonomous)

(Affiliated to AU, Approved by AICTE & Accredited by NBA (ECE,EEE,CSE,IT & Mech.) & NAAC)

Sangivalasa-531 162, Bheemunipatnam Mandal, Visakhapatnam District

Phone: 08933-225083/84/87

Fax: 226395

Website: www.anits.edu.in

email: principal@anits.edu.in

DEPARTMENT OF ELECTRONICS AND COMMUNICATION

Following is the list of students Registered for the two week Value Added course titled “ **Basics of Analog IC Design**”, conducted during 19-10-2020 to 31-10-2020.

Section A:

S.NO	AdmnNo	StudentName
1	318126512001	ABDUL MANNAN ZAFEER
2	318126512002	ANKITHA VIDISHA HAMSA
3	318126512003	ANNAMDEVULA HARI SIVA GANESH
4	318126512004	ARASADA SRI RAGAMAYI
5	318126512005	BAGADI SAI SANTOSH
6	318126512006	BARATAM SANTHOSH KUMAR
7	318126512007	BARLA BHANU PRAKASH
8	318126512008	BODA HEMALATHA
9	318126512009	BODDU VENKATA GOWTHAMI PRIYA
10	318126512010	BOLLU BHARATH
11	318126512011	BORRA LOKESH
12	318126512012	BUDUMURU SAI SIVA HARSHA
13	318126512013	BULIPE HEPHZIBAH
14	318126512014	CHINTA SUVARCHALA
15	318126512015	CHINTADA MANI VIVEK SRI HARSHA
16	318126512016	DAMARASINGU VENKATA SAI KALYAN
17	318126512017	DANGETI DURGA SANDEEP
18	318126512018	GANTI MANIKANTA SARMA
19	318126512019	GOKEDA RAVANTH
20	318126512020	HAMSA MAHIMA
21	318126512021	HARI SOMA SUNDARA THUSHAR
22	318126512022	JAGALINKI SARAYU
23	318126512023	KANAMALA RANJITH KUMAR
24	318126512024	KEERTHI PRAMOD SIVA KUMAR BABU
25	318126512025	KOLA TEJESWARA RAO
26	318126512026	KOMMUKURI RAHUL BABU
27	318126512027	KOTAIAH CHOWDARY RAVURI
28	318126512028	KUNDETI TANUJ
29	318126512029	MALLURI GOWTHAM
30	318126512030	MANDARAPU SAI KRISHNA
31	318126512031	MATCHA MADHURI
32	318126512032	MOHOMMED WAHEED

33	318126512033	MURARI NEERAJ DATTATHREYA
34	318126512034	NAMMI TARUN KUMAR YADAV
35	318126512035	NITTA SATYA SAI CHARAN
36	318126512036	NOLLU LEELA VANKAT MADHAV
37	318126512037	PENTA VAISHNAVI
38	318126512038	PENTAKOTA MOHAN MANOJ
39	318126512039	PERELLA YAJNAVEER PHANI ESWAR
40	318126512040	PINNINTI JHANSI
41	318126512041	POLAMREDDY MADHUSUDHAN REDDY
42	318126512042	PRIYANKA GOLIVI
43	318126512043	RACHAGULLA PADMAPRIYA
44	318126512044	RAMISETTY NAGA SAI NIKHIL
45	318126512045	ROOP SAI SAKTHI KUMAR VALLU
46	318126512046	SALADI RAVI KUMAR
47	318126512047	SEEMALA SAI NITISH
48	318126512048	SHAIK HASSIREEN
49	318126512049	SHYAM DEEPAK KAMMILA
50	318126512050	SIRIGINEEDI RAKESH BABU
51	318126512051	SODADASI SAMUEL DAVID
52	318126512052	SOMASEKHAR DASARI
53	318126512053	SUREDDI BHARGAV
54	318126512054	VAISHNAVI LINGALA
55	318126512056	VANKALA TIRUPATHI RAO
56	318126512057	VENIGALLA SURYA BHAVANI
57	318126512058	VIPPALI MOULI SRI SAI
58	318126512059	VOONNA TIRUMALA RAO
59	318126512060	YARAMALA RAGHAVAREDDY
60	319126512L01	KROVVIDI RAJYALAKSHMI PRAVALLIKA
61	319126512L02	RUNKANA SUPRA DEEPIKA
62	319126512L03	TAMARANA DEVI
63	319126512L04	GUDISA PAVAN
64	319126512L05	DASARI ANJALI
65	319126512L06	GOLLAPALLI BHARGAVI

Section B:

S.NO	AdmnNo	StudentName
1	318126512061	ABBURI TRIVEDH SAI PRATAP
2	318126512062	AKSHAYA KILLI
3	318126512063	BADUGU SOWJANYA
4	318126512064	BAKI DHARMA TEJA
5	318126512065	BALIJEPALLI GOUTAMI
6	318126512066	BATTULA TARUN
7	318126512067	BEHARA VENKATA JYOTHI ASHRITHA
8	318126512068	BOGA PRAVALLIKA
9	318126512069	BOMMALI MOTHILAL
10	318126512071	DAMODARA SATYA SUSHMA
11	318126512072	DARA THIRUMALESH
12	318126512073	DEEPIKA MARADANA
13	318126512074	DODDI HARSHA VARDHAN
14	318126512075	DUGGIRALA DURGA HARSHITH CHOWDARY
15	318126512076	DWARAPUREDDY SATYA SAI KUMAR
16	318126512077	GANDEM SIRISHA
17	318126512078	GANTANA NISHKALA
18	318126512079	GODHALA VENKATA NAGARJUNA REDDY
19	318126512080	GOLLAPALLI PRISCILLA
20	318126512081	HARSHINI KANDULA
21	318126512082	KANAPARTHI KIRAN
22	318126512083	KARRI SINDHUJA
23	318126512084	KATAM RUMOSH ANANTH
24	318126512085	KOLLATI PAVANI
25	318126512086	KUDARI VENU
26	318126512087	M PRASANNA MANIKANTA SAI KIRAN
27	318126512088	MAKKA CHANDRA SEKHAR
28	318126512089	MALLAJYOSYOLA N Y S N MURTHY
29	318126512090	MARRI DEEPTHI CHINNI SWAROOPA
30	318126512091	NAGIREDLA SURAJ
31	318126512092	NARAYANA SWAMY MOKA
32	318126512093	P V S TEJA
33	318126512094	PILLA PAVAN KUMAR
34	318126512096	ROUTHU AASHA
35	318126512097	ROUTHU MOUNIKA
36	318126512098	SAI KIRAN PATRO
37	318126512099	SANAKA BALAJI
38	318126512100	SANDULA SRAVAN

39	318126512101	SANKU SAI NIKHIL
40	318126512102	SHAIK SHAHID
41	318126512103	SINGAMPALLI SAI RAHUL
42	318126512104	SREEVALLI SINGISETTI
43	318126512105	SUNKARI SUDHEER
44	318126512106	TAKASI KIRANMAYEE
45	318126512107	TALATHOTI SANNATH KUMAR
46	318126512108	TANGUDU AVINASH
47	318126512109	THOTA RAJESH
48	318126512110	UDARLA MAHESH
49	318126512111	UTKARSWH JAISWAL
50	318126512112	VAISHNAVI DARA
51	318126512113	VANJARAPU MADHURI
52	318126512114	VANKAYERNI KAMESWARI
53	318126512115	VANTAKULA SRAVANI
54	318126512116	VATHSALYA POLA
55	318126512117	VENKAT NAIDU GORLI
56	318126512118	VILLA VIDYA SRI SAI KIRAN
57	318126512119	YENDLURI JAYA CHARITHA
58	318126512120	YERRA PAVAN KUMAR
59	319126512L08	GANESH PAPPALA
60	319126512L09	CHEEKARAMELLI KARTHIK
61	319126512L10	UDIGALA MEGHANA
62	319126512L11	DHARMIREDDI SADHVIKA
63	319126512L12	CHELLABOYINA LALITHA DEVI

Section C:

S.NO	AdmnNo	StudentName
1	316126512093	MARADANA DILEEP KUMAR
2	316126512135	GOLAGANI CHAITANYA SAI
3	317126512031	KOTAPARTHI SRAVANI
4	317126512111	SHAIK KAJA MOHIDDIN
5	318126512122	AKANA SUNIL KUMAR
6	318126512123	AYENALA KAPIL VARDHAN
7	318126512124	BANDARU HARSHAVARDHAN
8	318126512125	BHARAT CHANDRA GARUDAPALLI
9	318126512126	BODEPU VINAY KUMAR
10	318126512127	CHADUVULA ROHIT
11	318126512128	CHAVAKULA SATYA SAI PHANI TRINADH
12	318126512129	CHUKKA SRAVANI
13	318126512130	DOKI SAI VEERENDRA
14	318126512131	DACHEPALLI ASHISH
15	318126512132	DEVARAPALLI ANIL KUMAR
16	318126512133	DODDI VISHNU VARDHAN
17	318126512134	DOOBA DURGA SAI PRASANTH
18	318126512135	DWARAPUDI VIJAY KUMAR
19	318126512136	GANTA AVINASH
20	318126512137	GOTTUMUKKALA JYOTHSNA
21	318126512138	GUDE RESHMA
22	318126512139	IPPILI HEMANTH
23	318126512140	JAMI ASRITHA
24	318126512141	JAMI UMA MAHESH
25	318126512142	JAVVADI BHAVANI
26	318126512143	KAMIREDDI JANANI
27	318126512144	KANCHARANA SAI CHAITANYA
28	318126512145	KARAPA ANIL KUMAR
29	318126512146	KARIMAJJI BHAVANA
30	318126512147	KARRI ROHIT
31	318126512148	KARRI TANOJ NAIDU
32	318126512149	KONA ANJINI ROHINI LAXMI
33	318126512150	LATCHIPATRUNI RAKESH
34	318126512151	LINGAMPALLI GOVARDHAN
35	318126512152	MADDALA DEEPSHIKA
36	318126512153	MADDILA SAI DURGA MANASA
37	318126512154	MALLEMOGGALA VENKATA SAIRAM
38	318126512155	MENTADA SAI PAVITHRA

39	318126512156	MUPPARTHY VIKRAM
40	318126512157	N VENKATA KRISHNA SAI VYHRUTH
41	318126512158	NAKKA SIVA
42	318126512159	NALLA SAI SRINIVAS
43	318126512160	NARASIMHA NAGA SATYA VENKATA AYYAPPA KOUSH
44	318126512161	NIDADAVOLU PUJITHA VAIDYA
45	318126512162	NUKA GAYATHRI
46	318126512163	P S SREEKAR KARTHIK
47	318126512164	PENTAKOTA HEMANTH KUMAR
48	318126512165	PENUMAKA JOY GRACE
49	318126512166	PERUMALLA SAI CHARAN
50	318126512167	POTHINA YASHWANTH
51	318126512168	PUNUMAJJI VINAY MOULI
52	318126512169	SABBISSETTI GANESH
53	318126512170	SABBISSETTI VENKATESH
54	318126512171	SHAIK MOHAMMAD SALMAN
55	318126512172	SIMMA NARENDRA
56	318126512173	SONTHYANA HARI NADH
57	318126512174	SUGGU PAVAN KUMAR
58	318126512175	SUNKARA SAI VENKATESH
59	318126512176	URLAM HARSHA VARDHAN
60	318126512177	VAMSI GODDU
61	318126512178	VEMPALA PURNA SATYA SRINIVAS
62	318126512179	Y JYOTHI SARVENDRA KUMAR
63	318126512180	YOGESH SAI RAM PENTAKOTA
64	319126512L13	MOHAMMED CHAND
65	319126512L14	DEEPHI DUNGALA
66	319126512L15	INUMARTHI MANOJ
67	319126512L16	ADIGOPULA DEVAKALYAN
68	319126512L17	MUPPIDI LALITHA


Coordinator:

HoD

**DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING****A REPORT****ON**

A two week value added course

Name of the course : “Basics of Analog IC Design”**Duration** : 19-10-2020 to 31-10-2020(30 hrs)**Name of the course instructor** : Dr. S. Srinivas, Associate Professor, Dept. of. ECE, ANITS**Participants** : III/IV B.Tech ECE students**Topics covered and Outcomes:**

S.No	Date	Topics covered	No of students participated
1.	19/10/20	Overview IC, basic idea behind IC Design and Analog IC design	194
2.	20/10/20	Topics covered: Concepts of Analog Design - General consideration of MOS devices – MOS I/V Characteristics – Second order effects – MOS device models	194
3.	21/10/20	Basic current mirrors- Cascode current mirrors- Active current mirrors- Large and Small signal analysis- Common mode properties	194
4.	22/10/20	Basic Concepts – Common source stage- Source follower- Common gate stage- Cascode stage. Single ended and differential operation- Basic Differential pair-	194
5.	23/10/20	Common mode response- Differential pair with MOS loads-	194
6.	24/10/20	Gilbert Cell. Feedback- General Consideration of feedback circuits- Feedback topologies- Effect of loading- Effect of feedback on Noise.	194
7.	26/10/20	General considerations- Miller Effect and Association of Poles with Nodes, Common source stage- Source followers- Common gate stage- Cascode stage- Differential pair	194
8.	27/10/20	Noise- Statistical characteristics of noise- Types of noise- Representation of noise in circuits- Noise in single stage amplifiers- Noise in differential pairs- Noise Bandwidth.	194
9.	28/10/20	Noise in Op Amps- General consideration of stability and frequency compensation- Multipole system- Phase margin	194
10	29/10/20	Frequency compensation- Compensation of two stage op Amps- Other compensation techniques.	194
11	30/10/20	General Considerations- Sampling switches- Switched Capacitor Amplifiers- Switched Capacitor Integrator- Switched Capacitor Common mode feedback.	194
12	31/10/20	Phase Locked Loops-Simple PLL- Charge pump PLLs - Non ideal Effects in PLLs- Delay locked loops- its Applications.	194



Day 1: On this day an Overview IC, basic idea behind IC Design and Analog IC design were handled.



Day 2: Topics covered: Concepts of Analog Design - General consideration of MOS devices - MOS I/V Characteristics - Second order effects - MOS device models.



Day 3: Basic current mirrors- Cascode current mirrors- Active current mirrors- Large and Small signal analysis- Common mode properties.



Day 4: Basic Concepts - Common source stage- Source follower- Common gate stage- Cascode stage. Single ended and differential operation- Basic Differential pair-.



Day 5: Common mode response- Differential pair with MOS loads-pair-.



Day 6: Common mode response- Differential pair with MOS loads-pair-.

Outcome: The students are expected to illustrate the IC design process. This shows clear understanding of the IC Design and their **technical skills** and **employment opportunities** in the domain.



Day 7: General considerations- Miller Effect and Association of Poles with Nodes, Common source stage- Source followers- Common gate stage- Cascode stage- Differential pair



Day 8: Noise- Statistical characteristics of noise- Types of noise- Representation of noise in circuits- Noise in single stage amplifiers- Noise in differential pairs- Noise



Day 9: Noise in Op Amps- General consideration of stability and frequency compensation- Multipole system- Phase margin



Day 10: Frequency compensation- Compensation of two stage op Amps- Other compensation techniques.



Day 11: General Considerations- Sampling switches- Switched Capacitor Amplifiers- Switched Capacitor Integrator- Switched Capacitor Common mode feedback,



Day 12: Phase Locked Loops-Simple PLL- Charge pump PLLs - Non ideal Effects in PLLs- Delay locked loops- its Applications.

Course Outcomes: By the end of the course students are able to:

- Realize the concepts of Analog MOS devices and current mirror circuits.
- Design different configuration of Amplifiers and feedback circuits.
- Analyze the characteristics of frequency response of the amplifier and its noise.
- Analyze the performance of the stability and frequency compensation techniques of Op- Amp Circuits.
- Construct switched capacitor circuits and PLLs

Outcome: The students are able to understand basic concepts of MOSFET and their models.

Conclusions

The two-week value added course on “**Basic Analog IC Design**” conducted during 19-10-2020 to 31-10-2020 (30 hrs) by the department of ECE. This course created an opportunity for the students to acquire knowledge of different Analog IC Design constraints and apply the knowledge of MOSFET based amplifiers, PLLs and switched capacitors in designing and implementing Analog ICs. This course facilitated the students to keep pace with the latest technologies. Around 194 students participated in this course.


Course coordinator:


HOD, ECE



Anil Neerukonda Institute of Technology & Sciences (Autonomous)

(Affiliated to AU, Approved by AICTE & Accredited by NBA (ECE, FEE, CSE, IT & Mech.) & NAAC)

Sangivalasa-531 162, Bheemunipatnam Mandal, Visakhapatnam District

Phone: 08933-225083/84/87

Fax: 226395

Website: www.anits.edu.in

email: principal@anits.edu.in

Certificate of Course Completion

This to Certify that Ms


Akshaya Killi


Has completed a two week value added course titled “Basics of Analog IC design”, organized by the Department of Electronics and Communication Engineering, Anil Neerukonda Institute of Technology and Sciences (ANITS), (Autonomous), Visakhapatnam, during 19th -31st October 20


Coordinator, Dept of ECE

HOD, Dept of ECE

178	318126512167	pragadl	pragadh	pragadh	pragad	pragadh	pragadh	pragadh	pragadh	pragadh	pragadh	pragadh	pragadh
179	318126512168	mouls	maols	maoli	mauli	mauli	mauli	mauli	mauli	mauli	mauli	mauli	mauli
180	318126512169	S.Gand	S.Gandh	S.Gandh	S.Gand	S.Gand	S.Gand	S.Gand	S.Gand	S.Gand	S.Gand	S.Gand	S.Gand
181	318126512170	st	st	st	st	st	st	st	st	st	st	st	st
182	318126512171	Salmu	Salmu	Salmu	Salmu	Salmu	Salmu	Salmu	Salmu	Salmu	Salmu	Salmu	Salmu
183	318126512172	S.Nandi	S.Nandi	S.Nandi	S.Nandi	S.Nandi	S.Nandi	S.Nandi	S.Nandi	S.Nandi	S.Nandi	S.Nandi	S.Nandi
184	318126512173	S.Haru	S.Haru	S.Haru	S.Haru	S.Haru	S.Haru	S.Haru	S.Haru	S.Haru	S.Haru	S.Haru	S.Haru
185	318126512174	Parz	Parz	Parz	Parz	Parz	Parz	Parz	Parz	Parz	Parz	Parz	Parz
186	318126512175	veuk	veuk	veuk	veuk	veuk	veuk	veuk	veuk	veuk	veuk	veuk	veuk
187	318126512176	Han	Han	Han	Han	Han	Han	Han	Han	Han	Han	Han	Han
188	318126512177	G.Vani	G.Vani	G.Vani	G.Vani	G.Vani	G.Vani	G.Vani	G.Vani	G.Vani	G.Vani	G.Vani	G.Vani
189	318126512178	v.sin	v.sin	v.sin	v.sin	v.sin	v.sin	v.sin	v.sin	v.sin	v.sin	v.sin	v.sin
190	318126512179	Keena	Keena	Keena	Keena	Keena	Keena	Keena	Keena	Keena	Keena	Keena	Keena
191	318126512180	P.You	P.You	P.You	P.You	P.You	P.You	P.You	P.You	P.You	P.You	P.You	P.You
192	319126512113	Mohu	Mohu	Mohu	Mohu	Mohu	Mohu	Mohu	Mohu	Mohu	Mohu	Mohu	Mohu
193	319126512114	Dept	Deept	Deept	Deept	Deept	Deept	Deept	Deept	Deept	Deept	Deept	Deept
194	319126512115	Zup	Zup	Zup	Zup	Zup	Zup	Zup	Zup	Zup	Zup	Zup	Zup
195	319126512116	A.Kalya	A.Kalya	A.Kalya	A.Kalya	A.Kalya	A.Kalya	A.Kalya	A.Kalya	A.Kalya	A.Kalya	A.Kalya	A.Kalya
196	319126512117	Calibe	Calibe	Calibe	Calibe	Calibe	Calibe	Calibe	Calibe	Calibe	Calibe	Calibe	Calibe


Course Co-ordinator:


HOD



ANIL NEERUKONDA INSTITUTE OF TECHNOLOGY & SCIENCES
'UGC AUTONOMOUS'

(Affiliated to AU, Approved by AICTE & Accredited by NBA & NAAC with 'A' Grade)
SANGIVALASA-531 162, Bheemunipatnam Mandal, Visakhapatnam District
Phone: 08933-225083/84 Fax: 226395
website: www.anits.edu.in email: principal@anits.edu.in

CIRCULAR

Date: 13-10-2020

The Department of Civil Engineering is organizing a **Two – Week VALUE-ADDED COURSE** on “**Design of Pre-Engineered Buildings**” as per the following schedule.


Resource Person: Mr. MKSS Krishna Chaitanya
Assistant Professor
Department of CE
ANITS

Dates: 16th - 30th October ,2020

Time: 09.00 AM

Venue: Seminar Hall (II-Block) – Room No. 217

All the students of IV/IV Civil are requested to attend the course.


Dr. B.N.D. Narasinga Rao
Professor and Head

Head of the Department
Department of Civil Engineering
Anil Neerukonda Institute of Technology and
Sangivalasa, Bheemunipatnam Ma
Visakhapatnam - 531162

Overview

This Two-Week Value-Added Course aims to update knowledge on the recent and future trends in Pre – Engineered Buildings and Design of Pre – Engineered Buildings

Course Description

A Pre- Engineered Building or PEB is a metal building frame that includes a structural system and often also roof and wall cladding. A PEB building, as it is called, is engineered at a factory and assembled at site. Built-up sections are fabricated at the factory to size and then transported to site to assemble with bolted connections. This type of Structural Concept is generally used to build Industrial Buildings, Metro Stations, Canopies, and Warehouses etc. These rigid frames consist of roof beams and columns that are field bolted together. These frames can span large distances without intermediate supporting columns.

This course summarizes the IS design code requirements and industry practice design criteria, design loads and other design consideration for PEB that are being followed in the Design offices.

Objectives

- This course is proposed to generate and impart knowledge on model, analyze and design the PEB
- To provide knowledge about how to calculate Dead Load, Live Loads, Seismic Loads and Wind Loads as per IS Codes
- Students will be able to understand how the steel structures are designed.

Course Content

- Day1 - Introduction to PEB
- Day2 - PEB Structural Elements
- Day3 - PEB Design Methodology
- Day4 - Wind load calculations on PEBs – 1
- Day5 - Wind load calculations on PEBs – 2
- Day6 - Compression capacity of members
- Day7 - Flexural capacity of members
- Day8 - Shear Capacity of Members
- Day9 - Crane systems
- Day10 - Mezzanine and Floor Systems
- Day11 - Connections in PEB (Moment, Shear, Base plate)

Organizing Committee

Chief Patron

D.J.Bharath Reddy
CEO, ANES

Patron

Dr. Kalva Sri Rama Krishna
Principal

Convener

Dr. B.N.D.Narasinga Rao
Professor & Head-Civil Engineering

Faculty Coordinator

Mrs. P. Sumanjali, Assistant Professor

Members

Dr. J. Vikranth, Associate Professor
Mrs. P.V.R Sravya, Assistant Professor
K.Suryanarayana, Assistant Professor
Mr. Ch. Srinivas, Assistant Professor



DEPARTMENT OF CIVIL ENGINEERING

(Accredited by NBA)

Anil Neerukonda Institute of Technology
and Sciences (Autonomous)

Sangivalasa – 531162, Bheemunipatnam Mandal
Visakhapatnam District, Andhra Pradesh

A TWO – WEEK VALUE ADDED COURSE

On

DESIGN OF PRE-ENGINEERED
BUILDINGS

16th – 30th October 2020

Convener

Dr. B.N.D.Narasinga Rao
Professor & Head-Civil Engineering

Expert Speaker

Mr. ALISS Krishna Chaitanya (M.D)
Assistant Professor
Department of Civil Engineering
ANES

Visakhapatnam

REGISTRATION FORM

1. Name:
2. Course
3. Branch
4. Year & Semester.
5. Organization
6. Mobile Number.
7. Email:

Department Of Civil Engineering

Vision: Our vision is to be among the pre-eminent civil engineering departments world-wide for building future civil engineers characterized by technological excellence and the best of human values.

Mission:

- 1) Impart quality technical education with focus on strong basics in civil engineering knowledge at industry relevant skills through innovative teaching-learning practices, state of the art infrastructure and ambient work culture.
- 2) Expose the students to contemporary and competitive technology in industry to enable them to solve complex civil engineering problems of the society and environment locally and globally
- 3) Inculcate self learning research and scholarship among our faculty and students to develop innovative solutions to societal problems and advance civil engineering knowledge and practice.
- 4) Promote Softskills and team spirit, among the students to emerge as leaders of their profession and society.
- 5) Nurture holistic development of students by inculcating ethical and human values and spirit of service to the society for self-actualization.

Department Profile

The Department of Civil Engineering, established in 2011, affiliated to Andhra University and Accredited by NBA, offers the following programs:

- B.Tech. (Civil Engineering)
- M.Tech. (Soil Mechanics)

The Department is headed by Dr. B.N.D. Narasinga Rao, having 29 years of teaching, research and consultancy experience. He is the Author of Text Book on Soil Mechanics & Foundation Engineering published by Wiley International Publishers. The Department is supported by qualified and experienced faculty members and skilled technicians and non-teaching staff.

The Department has well equipped laboratories, spacious classrooms, computer center and A/c Seminar Hall. The Department is engaged in active consultancy in civil engineering, including the Geotechnical Investigations for 15 MW GVMC-Jindal collaborative Waste to Energy Power Plant at Kapuluppada.

The students of Civil Engineering, ANITS have proved their mettle by winning PPT contests organized at various reputed institutes including IIT, Madras, IIT, Kharagpur, IIT, Bhubaneswar, Andhra University, VIT, Vellore, GITAM University and many other Private Engineering Colleges. For further information about the Department, please log on to our Department website: <http://civil.anits.edu.in>

ANITS

Anil Neerukonda Institute of Technology & Sciences (ANITS) was founded by Anil Neerukonda Educational Society (ANES), in fond memory of Late Anil Neerukonda, son of our Chairman Dr. N.B.R. Prasad in 2001.

Within 19 years of its establishment, the institute registered phenomenal growth and today, the institute offers seven B.Tech. programs and five M.Tech. programs with annual intake of 1100 students. The College is accredited by NAAC with A grade and by NBA for the second time. It is permanently affiliated to Andhra University and was accorded Autonomous status in 2015.

The Institute has been ranked as 4th among the Private Engineering Colleges in Andhra Pradesh by APSCHE. The College was awarded "Centre of Excellence" by Infosys in 2011 and "National Employability Award" by Aspiring

Minds, New Delhi in 2014. The campus placements at ANITS are the highest in this region and the total placements are over 630 in 2019-20 so far. For further information about the institute, please log on to our Institute website: <http://anits.edu.in>.

Institute Location

ANITS is located in Sangivalasa, Bheemunipatnam, a short distance of 24 km and 30 minutes drive from Visakhapatnam on the Visakhapatnam-Srikakulam NH-5.

About Visakhapatnam

Visakhapatnam is the largest city in the State of Andhra Pradesh and is popularly known as the "City of Destiny" and the "The Jewel of the East Coast". Visakhapatnam is being developed as a Smart City by the Government of India. Tourists are attracted by its unspoilt beaches, nearby scenic Araku Valley and Borra Caves, the 11th century Simhachalam temple and ancient Buddhist sites spread across the area. The city boasts a submarine museum, the first of its kind in Southeast Asia, at Rama Krishna Beach.

Address For Correspondence


Dr. B. N. D. Narasinga Rao

Professor & Head, Department of Civil Engineering
Anil Neerukonda Institute of Technology & Sciences (A)

Ph.: 08933 225083/84 Fax: 08933 226395

Course Name: Design of Pre-Engineering Buildings
 Resource Person: Sri M.K.S.S Krishna Chaitanya
 Course Coordinator: Mrs. P. V.R Sravya
 Duration of the Course: 16th October - 30th October 2020

Date	Day	Time	Topic	Speaker
16-10-2020	Friday	09.00 AM	Introduction to Pre-Engineering Buildings	Sri M.K.S.S Krishna Chaitanya
17-10-2020	Saturday	09.00 AM	PEB Structural Elements	Sri M.K.S.S Krishna Chaitanya
18-10-2020	Sunday			
19-10-2020	Monday	09.00 AM	PEB Design Methodology	Sri M.K.S.S Krishna Chaitanya
20-10-2020	Tuesday	09.00 AM	Wind load calculations on PEBs - 1	Sri M.K.S.S Krishna Chaitanya
21-10-2020	Wednesday	09.00 AM	Wind load calculations on PEBs - 2	
22-10-2020	Thursday	09.00 AM	Compression capacity of members	Sri M.K.S.S Krishna Chaitanya
23-10-2020	Friday	09.00 AM	Flexural capacity of members	Sri M.K.S.S Krishna Chaitanya
24-10-2020	Saturday			
25-10-2020	Sunday			
26-10-2020	Monday	09.00 AM	Crane systems	Sri M.K.S.S Krishna Chaitanya
27-10-2020	Tuesday	09.00 AM	Mezzanine and Floor Systems	Sri M.K.S.S Krishna Chaitanya
28-10-2020	Wednesday	09.00 AM	Connections in PEB (Moment, Shear, Base plate)	Sri M.K.S.S Krishna Chaitanya
29-10-2020	Thursday	09.00 AM	PEB Design Sketches	Sri M.K.S.S Krishna Chaitanya
30-10-2020	Friday	09.00 AM	Shear Capacity of Members	Sri M.K.S.S Krishna Chaitanya


 Head of the Department
 Department of Civil Engineering
 Anil Neerukonda Institute of Technology
 Sangivalasa, Bheemunipatnam
 Visakhapatnam - 531 022



A Two Week Value Added Course on Pre Engineered Buildings

16th - 30th October 2020

Sl No	Regd No	Name
1	317126508002	Allada Jyothsna
2	317126508032	Lenka Sukanth
3	317126508038	Mutha Prudhvi Raj
4	317126508041	Polakurthi Chinmai
5	318126508101	Chattina Venkata Vivek
6	318126508110	K.Usur Prasad
7	317126508309	Bodasing Praneeth
8	317126508336	Moyya Datta Audumbar
9	317126508346	Sanka Pavan Kumar
10	318126508107	Jay Hareesh
11	318126508107	P. Lokesh Bharath
12	318126508111	V Sai Sri Lakshmi
13	318126508115	V Sai Kumar
14	317126508007	Bisimi Balayamini
15	317126508034	Manapuram Pavan Kumar
16	317126508045	Sampathurao Jyothi Mrudula
17	317126508048	Tuluri Thyaga Raj Sahay
18	317126508055	Velagala Kodanda Rama Reddy
19	318126508113	S Bhaya Sri
20	316126508034	Hema Chandra
21	317126508031	Akasapu Prudhvi Raj
22	317126508033	Allu Siva Sai
23	317126508018	Gangula Suneetha
24	317126508027	Jami Salya Prakash
25	317126508049	Luribatta Neeharika
26	318126508109	Ch Rajesh
27	317126508026	Bhagyaraju Bagathu
28	317126508010	Boddapu Kiran
29	317126508012	Dadala Rabul Tej
30	317126508057	Vanjari Sai Kiran Kumar
31	317126508054	Vepurouthu Veera Venkata Nava Teja
32	317126508056	Vysyaraju Sai Sumanth
33	318126508106	P. Sudheer Kumar
34	317126508073	Jami Srujana
35	317126508079	Kuda Charan Raju
36	317126508037	Mupada Ganesh
37	317126508039	Narla Vijay
38	317126508051	Vallamreddy Lokeswar Reddy
39	317126508053	Varthana Jaya Varasi
40	318126508134	G Brianu Prasad
41	317126508070	Gudla Tharon
42	317126508021	Hanumanthu Vandana Padmaja
43	317126508042	Pandi Veerabahu
44	317126508043	Pinninti Uday Shankar
45	318126508101	Vempada Pradeep
46	318126508104	I Harika
47	317126508134	Il. Laxmi Sowjanya
48	317126508011	Bolani Sravan Kumar
49	317126508013	Damodara Mohan
50	317126508016	Dwarapudi Sai Praneeth Komal
51	317126508019	Gedela Venkata Pavani Devi
52	317126508033	Madley Krupa Phaneel
53	317126508047	Laha Kalyan Kumar
54	317126508066	Nalaga Soma Sethai Babu
55	317126508014	Dasari Ashitha
56	317126508025	Kati Jeevi Renuka
57	317126508078	Kothalanka Sankar Dhanu
58	317126508030	Kutikoppala Dilip Kumar
59	318126508112	B Surya Vara Kumari Indraje
60	317126508008	Biradha Dhru
61	317126508017	Gangi Bhargavi
62	317126508031	Talam Ramu Naidu
63	317126508035	Mutha Sai Lalasa
64	317126508040	Nethi Muthilal
65	317126508044	R Gokulram



ANIL NEERUKONDA INSTITUTE OF TECHNOLOGY & SCIENCES
'UGC AUTONOMOUS'

(Affiliated to AU, Approved by AICTE & Accredited by NBA & NAAC with 'A' Grade)
SANGIVALASA-531 162, Bheemunipatnam Mandal, Visakhapatnam District

Phone: 08933-225083/84

Fax: 226395

website: www.anits.edu.in

email: principal@anits.edu.in

Report on Value – Added Course

Name of the course: Design of Pre-Engineered Buildings

Resource Person: Mr. MKSS Krishna Chaitanya
Assistant Professor
Department of CE
ANITS

Course Description

A Pre- Engineered Building or PEB is a metal building frame that includes a structural system and often also roof and wall cladding. A PEB building, as it is called, is engineered at a factory and assembled at site. Built-up sections are fabricated at the factory to size and then transported to site to assemble with bolted connections. This type of Structural Concept is generally used to build Industrial Buildings, Metro Stations, Canopies, and Warehouses etc. These rigid frames consist of roof beams and columns that are field bolted together. These frames can span large distances without intermediate supporting columns.

This course summarizes the IS design code requirements and industry practice design criteria, design loads and other design consideration for PEB that are being followed in the Design offices.

Objectives

- This course is proposed to generate and impart knowledge on model , analyze and design the PEB
- To provide knowledge about how to calculate Dead Load, Live Loads, Seismic Loads and Wind Loads as per IS Codes
- Students will be able to understand how the steel structures are designed.

Course Content

Day1 - Introduction to PEB

Day2 - PEB Structural Elements

Day3 - PEB Design Methodology

Day4 - Wind load calculations on PEBs – 1

Day5 - Wind load calculations on PEBs – 2

Day6 - Compression capacity of members

Day7 - Flexural capacity of members

Day8 - Shear Capacity of Members

Day9 - Crane systems

Day10 - Mezzanine and Floor Systems

Day11 - Connections in PEB (Moment, Shear, Base plate)

Course Outcomes

At the end of the course the student will be able to

- Building information modeling
- Exploring User Interface
- Working with Revit Elements
- Conceptual modeling using massing
- Presenting the model of building
- Managing view, documentation and schedules
- Controlling the visibility of the object.

Dates: 16th – 30th October 2020

Time: 09.00 PM

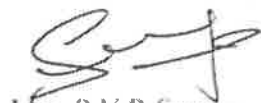
Venue: Seminar Hall (H-Block) Room No. 217

Conclusion:

This Two-Week Value-Added Course aims to update knowledge on the recent and future trends in Civil engineering using Pre-engineered Building

Number of Students Participated: 60

Number of students Qualified: 50



Mrs. P.V.R. Sravya
Course Coordinator



Dr. B.N.D. Narasinga Rao
Professor and Head

Head of the Department
Department of Civil Engineering
Ynil Naerukonda Institute of Technology and
Sangivalasa, Bheemunipatnam Dist.
Visakhapatnam - 531147

(UGC Autonomous – Affiliated to AU, Approved by AICTE & Accredited by NBA)
Sangivalasa-531162, Bheemunipatnam Mandal, Visakhapatnam District
DEPARTMENT OF CIVIL ENGINEERING

**A TWO – WEEK VALUE ADDED COURSE
On**

DESIGN OF PRE-ENGINEERED BUILDINGS

Date: 16th – 30th October 2020

Venue: Seminar Hall H-Block



Expert Speaker

Mr. MKSS Krishna Chaitanya (Ph.D.)

Assistant Professor

Department of CE

NITTS

Visakhapatnam

COURSE DETAILS:

- Day1 - Introduction to PEB
- Day2 - PEB Structural Elements
- Day3 - PEB Design Methodology
- Day4 - Wind load calculations on PEBs – 1
- Day5 - Wind load calculations on PEBs – 2
- Day6 - Compression capacity of members
- Day7 - Flexural capacity of members
- Day8 - Shear Capacity of Members
- Day9 - Crane systems
- Day10 - Mezzanine and Floor Systems
- Day11 - Connections in PEB (Moment, Shear, Base plate)



Anil Neerukonda Institute of Technology & Sciences (Autonomous)

(Permanent Affiliation by Andhra University & Approved by AICTE
Accredited by NBA (ECE, EEE, CSE, IT, Mech. Civil & Chemical) & NAAC)
Sangivalasa-531 162, Bheemunipatnam Mandal, Visakhapatnam District
Phone: 08933-225083/84/87 Fax: 226395
Website: www.anits.edu.in email: principal@anits.edu.in

Date: 01/10/2020

CIRCULAR

All the IV/IV B.Tech Mechanical Engineering students are hereby informed that the department of Mechanical Engineering is organising a 7 week (52 hrs) Value Added Course on “**Fundamentals of Programing Languages**” from 05-10-2020 to 20-11-2020. Students can meet the Coordinator - Dr. M.Vinod Babu, Assistant Professor, Mechanical Engineering for any related queries.

Resource Persons:

1. Mr. R. Chandra Mouli, Associate Professor, Mech. Engg. Dept.
2. Mr. J. V. Bhanu Tej, Assistant Professor, Mech. Engg. Dept.
3. Mr. S. Phani Kumar, Assistant Professor, Mech. Engg. Dept.


Coordinator

HOD
Mech. Engg. Dept.

A SEVEN WEEK Value Added Course on

Fundamentals of Programming Languages

5th Oct - 20th Nov, 2020

Registration Form

Student Name : _____

Regd. Number : _____

Year & Sec : _____

Department : _____

Mobile Number: _____

email ID : _____

Student Signature

Coordinator: Dr. M. Vinod Babu

Asst. Prof., Mech Engg. (9490248582)

email ID: m.vinodhbabu.me@anits.edu.in

Patron

Prof. T.V. Hanumantha Rao

Principal, ANITS

Convenor

Prof. B. Nagaraju

HOD, Mech Engg, ANITS

Resource Persons:

Mr. R. Chandra Mouli

Assoc. Prof, Mech Engg, ANITS

Mr. J.V. Bhanu Tej

Asst. Prof, Mech Engg, ANITS

Mr. S. Phani Kumar

Asst. Prof, Mech Engg, ANITS

Programme Schedule (52 hrs)

3:00 pm to 4:30 pm
(Monday to Friday)

Mode of Instruction

Online sessions.

A SEVEN WEEK Value Added Course

on

Fundamentals of Programming Languages

5th Oct - 20th Nov, 2020



Organized by

**DEPARTMENT OF
MECHANICAL ENGINEERING**

**Anil Neerukonda Institute of Technology
and Sciences (A)**

Sangivalasa-531162, Visakhapatnam Dist-A.P

ABOUT THE COLLEGE

Anil Neerukonda Institute of Technology and Sciences (ANITS), Visakhapatnam was established in 2001 by Anil Neerukonda Educational Society (ANES). ANES works to promote technical and human values through various educational institutions, without any motive for profit. ANITS is located in Sangivalasa of Bheemunipatnam Mandal, about 30 km from the city of Visakhapatnam. The college has been accredited by NAAC, NBA, UGC and attained autonomous status in the academic year 2015-16. The college has been awarded "Centre of Excellence" by Infosys Technologies in the year 2011 and "National Employability" in 2014 by Aspiring Minds, New Delhi. UG and PG programs in CSE, IT, EEE, ECE, Mechanical, Civil and Chemical Engineering are offered.

ABOUT THE DEPARTMENT

The Department of Mechanical Engineering, ANITS was started in the academic year 2005-06 with a modest intake of 60. Since then the department has grown by leaps and bounds in terms of student intake and development of infrastructure. The department is presently offering a B. Tech. programme and

M.Tech (Machine Design). The department is driven by highly qualified faculty members who possess a rich academic and industrial experience. The department is equipped with the best infrastructure facilities in the form of laboratories, library, e-class rooms, seminar halls, drawing halls, project rooms, board rooms, Lecture Capturing Systems, student activities centers, Automotive hub etc.. To transform the students into efficient engineers and make them suit the industrial needs, additional programs are regularly organized to supplement the regular academics. Training in skill development courses, workshops by eminent faculty and resource persons are some of the initiatives in this direction. The dissemination of knowledge by such varied methods keeps the students abreast with the latest developments in industry.

COURSE OBJECTIVE

This course is designed to instruct and give a hands-on training experience in programming using MATLAB, PYTHON, & JAVA SCRIPT which have currently a myriad of applications in various sectors.

EXPECTED OUTCOMES

At the end of the course, the student will be able to

1. Create a programme in the MATLAB environment for solving engineering problems.
2. Develop a model and obtain solutions for simple mechanical vibrations problem using SIMULINK
3. Write, evaluate and analyse programmes using PYTHON for different applications.
4. Design a webpage using HTML, CSS, & JAVA-SCRIPT

TOPICS COVERED

MATLAB - Applications of MATLAB, Basics of MATLAB, Introduction to arrays, various Operators, Control flow statements, Loops, GUI, Plots
SIMULINK - Basics of Vibrational analysis
PYTHON - Data Types, Operators, Control flow statements, String, List, Tuple, Dictionary, Set, Functions, Module, File handling, Ooops concept
Introduction to **HTML, CSS, & JAVA SCRIPTS**

**A seven week (52 hrs) Value Added Course on
"Fundamentals of Programming Languages" (05-10-2020 to 20-11-2020)**

S.No.	Syllabus / Topics covered	No. of Hrs.	Faculty	Date	Duration (hrs)
1	Overview of the Value Added course	1.5	Mr. J.V.Bhanu Tej	05-10-2020	3:00pm to 4:30pm
2	Matlab Introduction	1.5	Mr. R.Chandramouli	06-10-2020	3:00pm to 4:30pm
3	Matlab-programming-application to mechanism	1.5	Mr. R.Chandramouli	07-10-2020	3:00pm to 4:30pm
4	GUI statement, input & output statements	1.5	Mr. R.Chandramouli	08-10-2020	3:00pm to 4:30pm
5	Matlab- Introduction to Arrays, Matrix operations	1.5	Mr. R.Chandramouli	09-10-2020	3:00pm to 4:30pm
6	Data Types, Operators, Control statements, Matlab-Plots	1.5	Mr. R.Chandramouli	12-10-2020	3:00pm to 4:30pm
7	Hands-on (Matlab)	1.5	Mr. R.Chandramouli	13-10-2020	3:00pm to 4:30pm
8	Html	1.5	Mr. J.V.Bhanu Tej	14-10-2020	3:00pm to 4:30pm
9	CSS & Java Script	1.5	Mr. J.V.Bhanu Tej	15-10-2020	3:00pm to 4:30pm
10	Hands-on (Html,CSS, Java script)	1.5	Mr. J.V.Bhanu Tej	16-10-2020	3:00pm to 4:30pm
11	PYTHON-Introduction, History, Features	1.5	Mr.S. Phani Kumar	19-10-2020	3:00pm to 4:30pm
12	Data Types, Operators	1.5	Mr.S. Phani Kumar	20-10-2020	3:00pm to 4:30pm
13	Decision, Loops concept , Jumping Statements	1.5	Mr.S. Phani Kumar	21-10-2020	3:00pm to 4:30pm
14	String, List, Tuple, Dictionary, Set	1.5	Mr.S. Phani Kumar	22-10-2020	3:00pm to 4:30pm
15	Hands-on (Python)	1.5	Mr.S. Phani Kumar	23-10-2020	3:00pm to 4:30pm
16	Functions	1.5	Mr.S. Phani Kumar	26-10-2020	3:00pm to 4:30pm
17	Functions	1.5	Mr.S. Phani Kumar	27-10-2020	3:00pm to 4:30pm
18	Module, Regular expression	1.5	Mr.S. Phani Kumar	28-10-2020	3:00pm to 4:30pm
19	File handling, Try exception	1.5	Mr.S. Phani Kumar	29-10-2020	3:00pm to 4:30pm
20	Hands-on (Python-Functions)	1.5	Mr.S. Phani Kumar	30-10-2020	3:00pm to 4:30pm
21	Oops concept	1.5	Mr.S. Phani Kumar	02-11-2020	3:00pm to 4:30pm
22	Oops concept	1.5	Mr.S. Phani Kumar	03-11-2020	3:00pm to 4:30pm
23	Oops concept	1.5	Mr.S. Phani Kumar	04-11-2020	3:00pm to 4:30pm
24	Oops concept	1.5	Mr.S. Phani Kumar	05-11-2020	3:00pm to 4:30pm
25	Hands-on (Python-oops concept)	1.5	Mr.S. Phani Kumar	06-11-2020	3:00pm to 4:30pm
26	Hands-on (Python-oops concept)	1.5	Mr.S. Phani Kumar	09-11-2020	3:00pm to 4:30pm
27	Matlab-Simulink	1.5	Mr. R.Chandramouli	10-11-2020	3:00pm to 4:30pm
28	Matlab-Simulink	1.5	Mr. R.Chandramouli	11-11-2020	3:00pm to 4:30pm
29	Matlab-Simulink	1.5	Mr. R.Chandramouli	12-11-2020	3:00pm to 4:30pm
30	Hands-on (Simulink)	1.5	Mr. R.Chandramouli	13-11-2020	3:00pm to 4:30pm
31	Matlab-Simulink	1.5	Mr. R.Chandramouli	16-11-2020	3:00pm to 4:30pm
32	Hands-on (Matlab)	1.5	Mr. R.Chandramouli	17-11-2020	3:00pm to 4:30pm
33	Matlab-Revision	1.5	Mr. R.Chandramouli	18-11-2020	3:00pm to 4:30pm
34	Validictory function & Feedback	1.5	Dr. M.Vinod Babu	19-11-2020	3:00pm to 4:30pm
35	Quiz	1	Dr. M.Vinod Babu	20-11-2020	3:00pm to 4:00pm


Coordinator

HOD MECH



Date: 23/11/2020

Report on a Seven Week Value Added Course on Fundamentals of Programming Languages

Name of the programme: Value Added Course on Fundamentals of Programming Languages

Duration of the programme: 7 weeks (5/10/2020 to 20/11/2020)

Contact hours: 52 hrs.

Mode of the programme: Online

No. of students registered: 279 (IV yr students)

No. of students attended: 279

No. of students qualified (based on evaluation sheet Q/A): 279

Name of the Coordinator: Dr. M. Vinod Babu, Assistant Professor, Mech. Engg. Dept.

Resource Persons:

1. Mr. R. Chandra Mouli, Associate Professor, Mech. Engg. Dept.
2. Mr. J. V. Bhanu Tej, Assistant Professor, Mech. Engg. Dept.
3. Mr. S. Phani Kumar, Assistant Professor, Mech. Engg. Dept.

Objectives of the programme:

- To impart the knowledge to the students with Matlab and Python software. [This enhances programming knowledge in Research and Development].
- To provide a working introduction to the Matlab & Simulink & Python technical computing environment. [Themes of data analysis, visualization, and programming].
- To introduce students, the use of a high-level programming language, Matlab, Python. [Scientific problem solving with applications and examples from Engineering].

Outcomes of the programme:

The student understood the basics of Matlab. Break a complex task up into smaller, simpler tasks. Developed codes for case study (two Modules). Tabulated results and Analysed.

Handwritten signature
23/11/2020
(Coordinator)

HOD
Mech. Engg. Dept.

DEPARTMENT OF MECHANICAL ENGINEERING

ANIL NEERUKONDA INSTITUTE OF TECHNOLOGY & SCIENCES (A)

A SEVEN WEEK VALUE ADDED COURSE ON

“FUNDAMENTALS OF PROGRAMMING LANGUAGES”

Certificate of Completion

This is to certify that Mr/Ms. _____ of _____

has successfully completed a seven week Value Added Course on

“**Fundamentals of Programming Languages**” organised by the Department of

Mechanical Engineering, ANITS from 5-10-2020 to 20-11-2020.

Dr. B. NagaRaju,

HOD, Mech. Engg., ANITS

Prof. T.V. Hanumantha Rao,

Principal, ANITS



Anil Neerukonda Institute of Technology & Sciences (Autonomous)

(Permanent Affiliation by Andhra University & Approved by AICTE
Accredited by NBA (ECE, EEE, CSE, IT, Mech. Civil & Chemical) & NAAC)
Sangivalasa-531 162, Bheemunipatnam Mandal, Visakhapatnam District
Phone: 08933-225083/84/87 Fax: 226395
Website: www.anits.edu.in email: principal@anits.edu.in

Date: 19/04/2021

CIRCULAR

All the III/IV B.Tech Mechanical Engineering students are hereby informed that the department of Mechanical Engineering is organising a 7 week (52 hrs) Value Added Course on “**Fundamentals of Programing Languages**” from 26-04-2021 to 11-06-2021. Students can meet the Coordinator - Mr. R. Chandra Mouli, Associate Professor, Mechanical Engineering for any related queries.

Resource Persons:

1. Mr. R. Chandra Mouli, Associate Professor, Mech. Engg. Dept.
2. Mr. J. V. Bhanu Tej, Assistant Professor, Mech. Engg. Dept.
3. Mr. S. Phani Kumar, Assistant Professor, Mech. Engg. Dept.


19/4/21
Coordinator

HOD
Mech. Engg. Dept.

A SEVEN WEEK Value Added Course on

Fundamentals of Programming Languages

26th Apr - 11th Jun, 2021

Registration Form

Student Name : _____

Regd. Number : _____

Year & Sec : _____

Department : _____

Mobile Number : _____

email ID : _____

Student Signature

Coordinator: **Mr. R. Chandra Mouli**

Assoc. Prof., Mech Engg. (8500215172)

email ID: rcmouli.me@anits.edu.in

Patron

Prof. T.V. Hanumantha Rao

Principal, ANITS

Convenor

Prof. B. NagaRaju

HOD, Mech Engg, ANITS

Resource Persons:

Mr. R. Chandra Mouli

Assoc. Prof, Mech Engg, ANITS

Mr. J.V. Bhanu Tej

Asst. Prof, Mech Engg, ANITS

Mr. S. Phani Kumar

Asst. Prof, Mech Engg, ANITS

A SEVEN WEEK Value Added Course

on

Fundamentals of Programming Languages

26th Apr - 11th Jun, 2021



Organized by

**DEPARTMENT OF
MECHANICAL ENGINEERING**

**Anil Neerukonda Institute of Technology
and Sciences (A)**

Sangivalasa-531162, Visakhapatnam Dst.-A.P

ABOUT THE COLLEGE

Anil Neerukonda Institute of Technology and Sciences (ANITS), Visakhapatnam was established in 2001 by Anil Neerukonda Educational Society (ANES). ANES works to promote technical and human values through various educational institutions, without any motive for profit. ANITS is located in Sangivalasa of Bheemunipatnam Mandal, about 30 km from the city of Visakhapatnam. The college has been accredited by NAAC, NBA, UGC and attained autonomous status in the academic year 2015-16. The college has been awarded "Centre of Excellence" by Infosys Technologies in the year 2011 and "National Employability" in 2014 by Aspiring Minds, New Delhi. UG and PG programs in CSE, IT, EEE, ECE, Mechanical, Civil and Chemical Engineering are offered.

ABOUT THE DEPARTMENT

The Department of Mechanical Engineering, ANITS was started in the academic year 2005-06 with a modest intake of 60. Since then the department has grown by leaps and bounds in terms of student intake and development of infrastructure. The department is presently offering a B. Tech. programme and

M.Tech (Machine Design). The department is driven by highly qualified faculty members who possess a rich academic and industrial experience. The department is equipped with the best infrastructure facilities in the form of laboratories, library, e-class rooms, seminar halls, drawing halls, project rooms, board rooms, Lecture Capturing Systems, student activities centers, Automotive hub etc.. To transform the students into efficient engineers and make them suit the industrial needs, additional programs are regularly organized to supplement the regular academics. Training in skill development courses, workshops by eminent faculty and resource persons are some of the initiatives in this direction. The dissemination of knowledge by such varied methods keeps the students abreast with the latest developments in industry.

COURSE OBJECTIVE

This course is designed to instruct and give a hands-on training experience in programming using MATLAB, PYTHON, & JAVA SCRIPT which have currently a myriad of applications in various sectors.

EXPECTED OUTCOMES

At the end of the course, the student will be able to

1. Create a programme in the MATLAB environment for solving engineering problems.
2. Develop a model and obtain solutions for simple mechanical vibrations problem using SIMULINK
3. Write, evaluate and analyse programmes using PYTHON for different applications.
4. Design a webpage using HTML, CSS, & JAVA-SCRIPT

TOPICS COVERED

MATLAB - Applications of MATLAB, Basics of MATLAB, Introduction to arrays, various Operators, Control flow statements, Loops, GUI, Plots
SIMULINK - Basics of Vibrational analysis
PYTHON - Data Types, Operators, Control flow statements, String, List, Tuple, Dictionary, Set, Functions, Module, File handling, OOPS concept
Introduction to **HTML, CSS, & JAVA SCRIPTS**

**A seven week (52 hrs) Value Added Course on
"Fundamentals of Programming Languages" (26-04-2021 to 11-06-2021)**

S.No.	Syllabus / Topics covered	No. of Hrs.	Faculty	Date	Duration (hrs)
1	Overview of the Value Added course	1.5	Mr. J.V.Bhanu Tej	26-04-2021	3:00pm to 4:30pm
2	Matlab Introduction	1.5	Mr. R.Chandramouli	27-04-2021	3:00pm to 4:30pm
3	Matlab-programming-application to mechanism	1.5	Mr. R.Chandramouli	28-04-2021	3:00pm to 4:30pm
4	GUI statement, input & output statements	1.5	Mr. R.Chandramouli	29-04-2021	3:00pm to 4:30pm
5	Matlab- Introduction to Arrays, Matrix operations	1.5	Mr. R.Chandramouli	30-04-2021	3:00pm to 4:30pm
6	Data Types, Operators, Control statements, Matlab-Plots	1.5	Mr. R.Chandramouli	03-05-2021	3:00pm to 4:30pm
7	Hands-on (Matlab)	1.5	Mr. R.Chandramouli	04-05-2021	3:00pm to 4:30pm
8	Html	1.5	Mr. J.V.Bhanu Tej	05-05-2021	3:00pm to 4:30pm
9	CSS & Java Script	1.5	Mr. J.V.Bhanu Tej	06-05-2021	3:00pm to 4:30pm
10	Hands-on (Html,CSS, Java script)	1.5	Mr. J.V.Bhanu Tej	07-05-2021	3:00pm to 4:30pm
11	PYTHON-Introduction, History, Features	1.5	Mr.S. Phani Kumar	10-05-2021	3:00pm to 4:30pm
12	Data Types, Operators	1.5	Mr.S. Phani Kumar	11-05-2021	3:00pm to 4:30pm
13	Decision, Loops concept , Jumping Statements	1.5	Mr.S. Phani Kumar	12-05-2021	3:00pm to 4:30pm
14	String, List, Tuple, Dictionary, Set	1.5	Mr.S. Phani Kumar	13-05-2021	3:00pm to 4:30pm
15	Hands-on (Python)	1.5	Mr.S. Phani Kumar	14-05-2021	3:00pm to 4:30pm
16	Functions	1.5	Mr.S. Phani Kumar	17-05-2021	3:00pm to 4:30pm
17	Functions	1.5	Mr.S. Phani Kumar	18-05-2021	3:00pm to 4:30pm
18	Module, Regular expression	1.5	Mr.S. Phani Kumar	19-05-2021	3:00pm to 4:30pm
19	File handling, Try exception	1.5	Mr.S. Phani Kumar	20-05-2021	3:00pm to 4:30pm
20	Hands-on (Python-Functions)	1.5	Mr.S. Phani Kumar	21-05-2021	3:00pm to 4:30pm
21	Oops concept	1.5	Mr.S. Phani Kumar	24-05-2021	3:00pm to 4:30pm
22	Oops concept	1.5	Mr.S. Phani Kumar	25-05-2021	3:00pm to 4:30pm
23	Oops concept	1.5	Mr.S. Phani Kumar	26-05-2021	3:00pm to 4:30pm
24	Oops concept	1.5	Mr.S. Phani Kumar	27-05-2021	3:00pm to 4:30pm
25	Hands-on (Python-oops concept)	1.5	Mr.S. Phani Kumar	28-05-2021	3:00pm to 4:30pm
26	Hands-on (Python-oops concept)	1.5	Mr.S. Phani Kumar	31-05-2021	3:00pm to 4:30pm
27	Matlab-Simulink	1.5	Mr. R.Chandramouli	01-06-2021	3:00pm to 4:30pm
28	Matlab-Simulink	1.5	Mr. R.Chandramouli	02-06-2021	3:00pm to 4:30pm
29	Matlab-Simulink	1.5	Mr. R.Chandramouli	03-06-2021	3:00pm to 4:30pm
30	Hands-on (Simulink)	1.5	Mr. R.Chandramouli	04-06-2021	3:00pm to 4:30pm
31	Matlab-Simulink	1.5	Mr. R.Chandramouli	07-06-2021	3:00pm to 4:30pm
32	Hands-on (Matlab)	1.5	Mr. R.Chandramouli	08-06-2021	3:00pm to 4:30pm
33	Matlab-Revision	1.5	Mr. R.Chandramouli	09-06-2021	3:00pm to 4:30pm
34	Validictory function & Feedback	1.5	Mr. R.Chandramouli	10-06-2021	3:00pm to 4:30pm
35	Quiz	1	Mr. R.Chandramouli	11-06-2021	3:00pm to 4:00pm


Coordinator

HOD MECH



Anil Neerukonda Institute of Technology & Sciences (Autonomous)

(Permanent Affiliation by Andhra University & Approved by AICTE
Accredited by NBA (ECE, EEE, CSE, IT, Mech. Civil & Chemical) & NAAC)
Sangivalasa-531 162, Bheemunipatnam Mandal, Visakhapatnam District
Phone: 08933-225083/84/87 Fax: 226395
Website: www.anits.edu.in email: principal@anits.edu.in

Date: 14/06/2020

**Report on a Seven Week Value Added Course on
Fundamentals of Programing Languages**

Name of the programme: Value Added Course on Fundamentals of Programing Languages

Duration of the programme: 7 weeks (26/04/2021 to 11/06/2021)

Contact hours: 52 hrs.

Mode of the programme: Online

No. of students registered: 259 (III yr students)

No. of students attended: 259

No. of students qualified (based on evaluation sheet Q/A): 259

Name of the Coordinator: Mr. R. Chandra Mouli, Associate Professor, Mech. Engg. Dept.

Resource Persons:

1. Mr. R. Chandra Mouli, Associate Professor, Mech. Engg. Dept.
2. Mr. J. V. Bhanu Tej, Assistant Professor, Mech. Engg. Dept.
3. Mr. S. Phani Kumar, Assistant Professor, Mech. Engg. Dept.


Objectives of the programme:

- To impart the knowledge to the students with Matlab and Python software. [This enhances programming knowledge in Research and Development].
- To provide a working introduction to the Matlab & Simulink & Python technical computing environment. [Themes of data analysis, visualization, and programming].
- To introduce students, the use of a high-level programming language, Matlab, Python. [Scientific problem solving with applications and examples from Engineering].

Outcomes of the programme:

The student understood the basics of Matlab. Break a complex task up into smaller, simpler tasks. Developed codes for case study (two Modules). Tabulated results and Analysed.

HOD
Mech. Engg. Dept.


14/6/20
(Coordinator)



ANIL NEERUKONDA INSTITUTE OF TECHNOLOGY & SCIENCES

DEPARTMENT OF MECHANICAL ENGINEERING

Autonomous status accorded by UGC and Andhra university

Approved by AICTE, Permanently Affiliated to Andhra university.

Accredited by NBA & NAAC with 'A' grade

Certificate of Completion

This is to certify that Mr/Ms. _____ of _____ has
successfully completed a SEVEN WEEK Value Added Course on “**Fundamentals of
Programming Languages**” organised by the Department of Mechanical Engineering,
ANITS from **26-04-2021** to **11-06-2021**.

Faculty co-ordinator

Head of The Department
(Mechanical)

Principal



ANIL NEERUKONDA INSTITUTE OF TECHNOLOGY & SCIENCES (A)

DEPARTMENT OF MECHANICAL ENGINEERING

(Permanently Affiliated to Andhra University, AICTE, Accredited by NBA NAAC with 'A' Grade)

Sangivalasa-531162, Bheemunipatnam Mandal, Visakhapatnam Dt.
Phone 08933-225084, 226395

Date: 06.07.2020

To
The Principal,
ANITS.

Sir,

Sub: Request for conducting a two-week on-line program on "Value added course on Advanced Surface Design by CATIA"-reg.

We are planning to organize a two-week online program on "value added course on Advanced Surface Design by CATIA" to improve the academic and professional skills of our students. The program is planned to organize in collaboration with APSSDC from 13th to 25th July, 2020. This program will immensely benefit the students during their placements and improve their career opportunities.

Kindly grant the permission for organizing the program.

Apj

Princip

14/67/20
Head of the Department

PROFESSOR & HEAD
Department of Mechanical Engineering
ANIL NEERUKONDA INSTITUTE OF TECHNOLOGY & SCIENCES
Sangivalasa-531 162 VISAKHAPATNAM Dist. A.P.



ANIL NEERUKONDA INSTITUTE OF TECHNOLOGY & SCIENCES (A)

DEPARTMENT OF MECHANICAL ENGINEERING

(Permanently Affiliated to Andhra University, AICTE, Accredited by NBA NAAC with 'A' Grade)
Sangivalasa-531162, Bheemunipatnam Mandal, Visakhapatnam Dt.
Phone 08933-225084, 226395

Date: 08.07.2020

CIRCULAR

All the interested third and final year Mechanical Engineering students are hereby informed to register your names with the under signed to attend a two-week online program on "value added course on Advanced Surface Design by CATIA" scheduled from 13th to 25th July, 2020. This program will be organized in collaboration with APSSDC. It will immensely benefit the students in obtaining placements and improve your career opportunities.

 8.7.20
Head of the Department

PROFESSOR & HEAD
Department of Mechanical Engineering
ANIL NEERUKONDA INSTITUTE OF TECHNOLOGY & SCIENCES
Sangivalasa-531 162 VISAKHAPATNAM Dist. A.P.



Anil Neerukonda Institute of Technology & Sciences (Autonomous)

(Affiliated to AU, Approved by AICTE & Accredited by NBA & NAAC with 'A' Grade)

Sangivalasa-531 162, Bheemunipatnam Mandal, Visakhapatnam District

Phone: 08933-225083/84/87

Fax: 226395

Website: www.anits.edu.in

email: principal@anits.edu.in

An online training program

Advanced Surface Design by CATIA-2020-2021 (Online)

Details: 13-7-2020 to 25-07-2020

Organisation :Andhra Pradesh State Skill Development Corporation(APSSDC)

List of Students trained

S.No.	Registration Id	Name
1	297873872200	Narendra Kumar Chowdary
2	315126520102	Kommana Sai Sandilya
3	316126520110	Sabbavarapu Guna Sekhar
4	316126520159	Rakesh
5	316126520162	Sampathirao Santhosh Kumar
6	317126520002	Alluri Vishnu
7	317126520003	B.Munnykumar
8	317126520004	Battina Satyarao
9	317126520005	B.Eswar Venkat Sai
10	317126520006	Boddu Prathyusha Naidu
11	317126520008	Bora Siva Venkata Mrunal Babu
12	317126520012	Chandana Landa
13	317126520013	Dasika Venkata Sai Shashidhar
14	317126520014	Datla Murali Manohar Varma
15	317126520017	Durga Venkata Karthik Chippala
16	317126520025	K.Ooha Shree
17	317126520026	Kari Suraj Kumar
18	317126520027	Katipalli Anand Kumar
19	317126520033	M.Sai Lavanya
20	317126520037	Pappusetty V S D S Shanmukha
21	317126520042	Pothuraju Reshma
22	317126520043	Pujari.Chandini
23	317126520045	Sameer Ahmed
24	317126520047	Sattaru Venkata Balaji Naidu
25	317126520051	Singampalli Lokesh
26	317126520054	Uppala Hareesh
27	317126520055	Vadamudula Sanjaymoulik
28	317126520056	Vanapalli Tejesh
29	317126520058	Venkata Ganga Sai Lavanya

30	317126520060	Hemanth Voona
31	317126520061	Teja Adari
32	317126520062	Ram Sharvani Ambati
33	317126520064	Ankamreddy Manoj Kumar
34	317126520072	K Deva Swarup
35	317126520073	Dhaniseti Sai Pavan
36	317126520077	Gandetti Mahesh Rao
37	317126520079	Gandu Sri Sai
38	317126520082	Golivi Kumar
39	317126520089	Konduri Krishna Karthik
40	317126520090	Anuraag Korchipati
41	317126520094	Lagudu Devi Vara Prasad
42	317126520105	Paila Sai Praneeth
43	317126520109	Gowtham Perakalapudi
44	317126520128	D Sundar Sai Kumar
45	317126520138	Kanta Akhil
46	317126520166	Ruthala Tripura Varshini
47	317126520176	Tikka Ramakrishna
48	317126520177	Vempati Sai Srinivas
49	317126520180	Annamreddi Venkata Vinay
50	317126520187	Busi Siva Surya Venkat
51	317126520188	Chelluri Manikanta
52	317126520190	Deepak Kumar Behera
53	317126520193	Gandi Uday Sai
54	317126520194	Gorle Nikhilesh
55	317126520195	Gurram Ravi Teja
56	317126520196	Janapareddi Bharghav
57	317126520197	K N V S S Avinash
58	317126520200	Vykunta Rao
59	317126520202	Kanumareddy Hari Krishna
60	317126520205	Lanka Praneeth Satya
61	317126520209	Namballa Roopesh
62	317126520211	Bhanu Prasad Nelipudi
63	317126520214	Srikar Perumalla
64	317126520220	Venkatesh Sanapati
65	317126520223	Tadaka Neeharika
66	317126520226	Thandi Leela Sai Venkat
67	317126520227	Vaddi Nagendra
68	317126520230	Vasupalli Naveen Kumar
69	318126520073	Chevvakula Varshini Shreyesha
70	318126520096	Mamidi Varun Apesh
71	318126520102	Nunna Sai Pavan
72	318126520L01	Posni Puneeth
73	318126520L04	Alavilli Sai Apparao
74	318126520L06	Pyla Leela Prabhakar
75	318126520L08	Gandepalli Prameela
76	318126520L10	Tillapudi Saikumar
77	318126520L12	Kollivalasa Sai Krishna
78	318126520L13	Samala Vamsi
79	318126520L19	Korada Pavan Kumar

80	318126520L22	Pavan Kumar
81	318126520L46	Buddha Hemanth Kumar
82	918126520L24	Bhanu Siva Shanker Singampalli

HOD
Mech. Engg.

PROFESSOR & HEAD
Department of Mechanical Engineering
ANIL NEERUKONDA INSTITUTE OF TECHNOLOGY & SCIENCE
Sangivalasa-531 162 VISAKHAPATNAM Dist. A.P.





Andhra Pradesh State Skill Development Corporation (APSSDC)

(Department of Skill Development & Trainings, Govt. of Andhra Pradesh)



Certificate of Participation



Cert.No. OTP/ASDC/113

Regd Id :317126520138

This is to certify that Mr./Ms./Mrs..... Kanta Akhil.....

of Anil Neerukonda Institute of Technology & Sciences has successfully

participated in Summer Online Training Program on Advanced Surface Design by CATIA

held from 13-07-2020 to 25-07-2020

Dr. B. Nageswara Rao
Executive Director

Dr. Srikanth Arja, IRTS
MD & CEO



ANIL NEERUKONDA INSTITUTE OF TECHNOLOGY & SCIENCES (A)

DEPARTMENT OF MECHANICAL ENGINEERING

(Permanently Affiliated to Andhra University, AICTE, Accredited by NBA NAAC with 'A' Grade)
Sangivalasa-531162, Bheemunipatnam Mandal, Visakhapatnam Dt.
Phone 08933-225084, 226395

REPORT

Date: 25.07.2020

The Department has encouraged its students to register for value added courses which will have a bearing on their academic and professional skills. CATIA is an advanced software being predominantly used in Industry and Research organizations. Considering this aspect, a program on value-added course on "Advanced Surface Design by CATA" has been organised by the Department in on-line mode in association with Andhra Pradesh State Skill Development Corporation (APSSDC) during 13.07.2020 to 25.07.2020 (48 contact hours). A total of 82 Mechanical Engineering students have registered and successfully completed the course.

The program dealt with the nuances of CATIA software and its applications. The students were taught the basics of CATIA and basics of product design in the first few sessions followed by surface design features, advanced tools in GSD, plastics designing. Remastering etc. in the next sessions (The details are provided in the brochure). They were also simultaneously exposed to the use of software for advanced features in sheet metal and draft analysis.

The department has planned to arrange such programs in the future as well as it would improve the confidence of the students and also enhance their job opportunities.

25-7-20
Head of the Department

PROFESSOR & HEAD
Department of Mechanical Engineering
ANIL NEERUKONDA INSTITUTE OF TECHNOLOGY & SCIENCE
Sangivalasa-531 162 VISAKHAPATNAM Dist. A.P.



ANIL NEERUKONDA INSTITUTE OF TECHNOLOGY & SCIENCES (A)

DEPARTMENT OF MECHANICAL ENGINEERING

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Sangivalasa-531162, Bheemunipatnam Mandal, Visakhapatnam Dt.

Phone 08933-225084, 226395

Date: 26.05.2021

CIRCULAR

All the interested third and final year Mechanical Engineering students are hereby informed to register your names with the under signed to attend a two-week online program on "value added course on Advanced Surface Design by CATIA" scheduled from 31st May to 12th June, 2021. This program will be organized in collaboration with APSSDC. It will immensely benefit the students in obtaining placements and improve your career opportunities.

26.5.21
Head of the Department

PROFESSOR & HEAD
Department of Mechanical Engineering
ANIL NEERUKONDA INSTITUTE OF TECHNOLOGY & SCIENCES
Sangivalasa-531162 VISAKHAPATNAM Dt. A.P.



ANIL NEERUKONDA INSTITUTE OF TECHNOLOGY & SCIENCES (A)

DEPARTMENT OF MECHANICAL ENGINEERING

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Sangivalasa-531162, Bheemunipatnam Mandal, Visakhapatnam Dt.
Phone 08933-225084, 226395

Date: 24.05.2021

To
The Principal,
ANITS.

Sir,

Sub: Request for conducting a two-week on-line program on "Value added course on Advanced Surface Design by CATIA"-reg.

We are planning to organize a two-week online program on "value added course on Advanced Surface Design by CATIA" to improve the academic and professional skills of our students. The program is planned to organize in collaboration with APSSDC from 31st May to 12th June, 2021. This program will immensely benefit the students during their placements and improve their career opportunities.

Kindly grant the permission for organizing the program.

Appd

THI

24.5.21
Head of the Department

PROFESSOR & HEAD
Department of Mechanical Engineering
ANIL NEERUKONDA INSTITUTE OF TECHNOLOGY & SCIENCE
Sangivalasa-531 162 VISAKHAPATNAM Dist. A.P.



ANIL NEERUKONDA INSTITUTE OF TECHNOLOGY & SCIENCES(A)

DEPARTMENT OF MECHANICAL ENGINEERING

(permanently Affiliated to Andhra University, Accredited by NBA & NAAC with "A" grade) Sangivalasa 531162,
Bheemunipatnam Mandal, Visakhapatnam Dist Phone:958933-226395,225084,225085

Brochure: Value added course on "Advanced Surface Design by CATIA"

Course Contents to be covered

- ❖ *Generative Shape Design*
- ❖ *Generative Sheet Metal*
- ❖ *Core & Cavity*

Duration: 48 Hrs.

DAY	CONCEPT	CONTENT HIGHLIGHTS & TOPICS TO BE DELIVERED
WEEK-I		
Day- 1&2	Introduction to CATIA software & Basics of product design	<ul style="list-style-type: none"> ● History of CATIA & Features of CATIA ● Explanation about Drawing & Engineering drawing standards ● Explanation About 2d & 3d modeling in CATIA ● Application criteria in industries ● Introduction to various domains in Catia Software ● Basic 2d sketching with Constraints ● Adding and removing material to the created sketch ● Basic modeling operations for the 3d parts ● Assemble the designed parts and making it into a final product ● Creating drafting sheet for the final product
Day- 3&4	Introduction to shape design, various domains in surface designing	<ul style="list-style-type: none"> ● Difference between Part design and shape design ● Explanation about parts in automotive vehicles which are designed by shape design ● Introducing Surface-based features in shape design ● Making a sketch to Surface with basic surface operations ● Surface-based tools explanation ● About Shape Design in automotive parts ● Internal & external surface parts in a vehicle ● About chassis & frame of automotive vehicles ● BIW parts in a vehicle ● Plastic parts in automobile ● Considerations for designing the above-mentioned parts in CATIA
Day- 5&6	Explaining about surface design in CATIA, surface-based features, operations for the created surfaces, transformation features	<ul style="list-style-type: none"> ● Explanation about basic surface parts & creating the parts by using Surface-based features ● Applying the modifications when required by using Surface operations ● Transformation features in shape design ● Adding thickness to the created Surfaces ● Explanation about some of the mainly used features in shape design ● Creating remastering for the dump solids

WEEK-II

<p align="center">Day- 1&2</p>	<p align="center">Advanced tools in GSD, Remastering, Plastics designing</p>	<ul style="list-style-type: none"> ● Using Multi-Section features to perform the surface design ● Sweep application in the Surface drawings ● Introduction to reverse engineering concept ● Creating a dimensionless dump solid to conduct reverse engineering ● Remastering for the dump solid by using Surface operations ● Creating an example for plastic parts in automobile interiors by using A to B conversion
<p align="center">Day- 3&4</p>	<p align="center">Introduction to sheet metal design, applications, creating sheet metal parts</p>	<ul style="list-style-type: none"> ● Introduction to sheet metal parts ● Difference between Surface and Sheet metal ● Importance of sheet metal and introduction to sheet metal module in CATIA ● Sheet metal parameters to be considered ● Creating sheet metal parts from the sketches by using walls & flanges ● Importance of recognizing feature ● Basic sheet metal parts Creation ● Sheet metal adding & cutting operations
<p align="center">Day- 5&6</p>	<p align="center">Advanced features in sheet metal, Basics of core & cavity, draft analysis & Exam</p>	<ul style="list-style-type: none"> ● Creating sheet metal parts from the given drawings ● Applying the required modifications by using cutting, stampings e.t.c ● Punching & flanges operations ● Transformation operations involved in sheet metal ● Advanced features in sheet metal ● Introduction to DIE Components ● Core & cavity modules involved for a part ● Mold tooling directions involved for creating DIE ● Review of all previous sessions followed by a test.

14/6.7.20

HOD

Mech. Engg.

PROFESSOR & HEAD
 Department of Mechanical Engineering
 ANH NEERUKONDA INSTITUTE OF TECHNOLOGY & SCIENCE
 Sangivalasa-531 162, VISAKHAPATNAM Dist. A.P.



Anil Neerukonda Institute of Technology & Sciences (Autonomous)

(Affiliated to AU, Approved by AICTE & Accredited by NBA & NAAC with 'A' Grade)

Sangivalasa-531 162, Bheemunipatnam Mandal, Visakhapatnam District

Phone: 08933-225083/84/87

Fax: 226395

Website: www.anits.edu.in

email: principal@anits.edu.in

An online training program

Advanced Surface Design by CATIA-2020-2021 (Online)

Organisation :Andhra Pradesh State Skill Development Corporation(APSSDC)

List of Students trained

S.No.	Registration Id	Name
1	317126520031	Loladhattu Abhishekta Varma
2	318126520001	Naveen Agatha
3	318126520002	Akkabattula Sashank
4	318126520003	Anirudh Susarla
5	318126520005	Aripaka Raviteja
6	318126520007	Baggam Modha Sai Asritha
7	318126520009	Boddeda Praneethbabu
8	318126520011	Chilla Tarun Kumar Reddy
9	318126520012	Chodipalli Mahesh
10	318126520014	Dukka Tejasree
11	318126520015	Gorle Sai Neeraj
12	318126520016	Juttuga Githika Shivani
13	318126520017	Kallepalli Lokesh
14	318126520019	Kandregula Naveen Manikantavaraprasad
15	318126520024	Korra Tarun
16	318126520025	Kothakota.Narendrakumar
17	318126520026	Koyya Madava Krishna Reddy
18	318126520028	Madasu Srivarshini
19	318126520029	Madeti Raghavendra Sai Rohit
20	318126520030	Madugula Sumant
21	318126520031	Mallidi Rakesh
22	318126520032	Muthu Bhaskar
23	318126520033	Mukkamala Hari Kumar
24	318126520034	Munagala Sarath Chandra
25	318126520035	Mungi Sai Meghavardhan
26	318126520037	Nirujogi Bharath
27	318126520038	Padala Sampath Mani Srkar
28	318126520039	Pakki Venkata Naga Lohith
29	318126520040	Pattisapu Varaha Sandeep
30	318126520041	Pinninti Sampath Kumar
31	318126520043	Pulibanti Sai Kiran
32	318126520044	Puvvala Dinesh Kumar
33	318126520045	Rohit Yadav
34	318126520046	Seera.Naveenkumar

35	318126520047	Seera Vivek
36	318126520048	Shaik Faiz
37	318126520049	Singampalli Gowtham
38	318126520050	Souripalli Divya
39	318126520051	Sravankumar Yalla
40	318126520052	Sunkari Anil Kumar
41	318126520053	Thatavarthi Krishna Vamsi
42	318126520055	Vamsi Krishna Ambati
43	318126520056	Vangapandu Harish Naidu
44	318126520057	Velamala Jaya Krishna
45	318126520058	Vishnu Vardhan Reddy Kandula
46	318126520065	Baviriseti Sujeeth
47	318126520066	Bheesetti Mohan Srinivas
48	318126520067	B Nitish Bharadwaj
49	318126520069	Chilla Vishnu Vardhan Reddy
50	318126520070	Dinesh Raja
51	318126520071	Kolli Chandu Reddy
52	318126520075	Dannana Dhruva Teja
53	318126520078	G. Sai Sumanth
54	318126520079	Gangunayuni Prakash
55	318126520080	Dilip Kumar
56	318126520081	Gude Raghu
57	318126520082	Harshavardhan Dora Inapakurthi
58	318126520083	Indukuri Purna Adhitya Varma
59	318126520084	Kakara Karthik
60	318126520086	Suryaprakash Kandukuri
61	318126520087	Karaggi Nikhil Chandra
62	318126520088	Karrothu Lokesh Kumar
63	318126520093	Lakkoju Deepak
64	318126520097	Maredi Praveen
65	318126520098	Moturu Sailesh
66	318126520102	Nunna Trimurthulu
67	318126520104	Pandlri Nagendra Veera Prasad
68	318126520105	Patoju Sai Sankar
69	318126520106	Polla Srihari
70	318126520107	Ranjith Kumar
71	318126520108	Ravada Upendra
72	318126520111	Senapathi Venkata Siva Sai Anil Kumar
73	318126520114	Varanasi Pavan
74	318126520115	Yarlagadda Hemanth
75	318126520117	Akula Lokeshwar
76	318126520120	Boddepalli Chandrasekhar Sai Srinivas
77	318126520121	Bokam Chandra Mouli
78	318126520123	Boora Deekshitha Kumari
79	318126520124	Borra Venkata Sai Praneeth
80	318126520125	Botcha Bharadwaj Srinivas
81	318126520126	Budida Pavan Kumar
82	318126520127	Chalumuru Kumar Satya Sai Prasad
83	318126520129	Ch Sai Surya
84	318126520130	Ch. Vishnu Koushik
85	318126520132	Ch.Venkatesh Sai Teja
86	318126520133	Satish Ch
87	318126520134	Dhavaleswarapu Laxman
88	318126520135	Doddi Revanth
89	318126520136	Dwara Srimanth
90	318126520138	Golla Nikhil Durga Sai
91	318126520139	G.Devaki

92	318126520140	Gudla Avinash Reddy
93	318126520143	Jami Rishi
94	318126520144	Kadavala Karthikroy
95	318126520148	K Karthik Preetham Naidu
96	318126520150	Nadiminti Ganesh
97	318126520152	Pedada Venkata Saikiran
98	318126520153	Pilla Manikanta
99	318126520155	P Srinivas Kalyan
100	318126520156	Poorna Chandra Vijay Kilani
101	318126520159	Robbi Chandra Sekhar
102	318126520162	Shaik P Shehzad
103	318126520163	Shaik Saleel
104	318126520164	Simeon Sahasramsa Gajula
105	318126520165	Sopeti Madhu Sudhana Rao
106	318126520167	Talada Kusuma Kumar
107	318126520168	Vayiletichandramouli
108	318126520170	Velagada Chanti Naidu
109	318126520172	B. Sai Dhanunjay
110	318126520173	Bandi Chandra Mouli
111	318126520174	Barla Mohan
112	318126520175	Chakravarthi
113	318126520177	Cheekati Vamsi
114	318126520178	Gorle Balu
115	318126520179	Gudimetla Naga Rama Bruhathi
116	318126520182	Jagannadham Surya Durga Prasad
117	318126520183	Kadari Mahesh
118	318126520184	Kantreddy Hakila Satya Priyanka
119	318126520185	Kodi Mani Kumar
120	318126520186	Kokkiri.Balakrishna
121	318126520189	Mandeti Sampath Kumar
122	318126520191	M.Chandu
123	318126520192	Mavuru Vasu
124	318126520193	Nadiminti.Narasingarao
125	318126520194	Nalli Prasanth Sai
126	318126520195	N. Sudhin Raj
127	318126520197	Pasapu.Srinivas
128	318126520198	R.Venkat Abhishek
129	318126520199	Sankrana Bhanu Teja
130	318126520200	Shaik Mohammad Shoaib
131	318126520201	Shaik Naziya Khatun
132	318126520202	Sunkara Saikiran
133	318126520203	U. Ranjithkumar
134	318126520204	Vaddadi Sai Tejaswini
135	318126520205	Vetcha Sai Rohit
136	318126520207	Yeluri Sesa Sai
137	318126520208	Yenda Yuva Kiran
138	318126520L25	Pitani Lakshmi Narasimha Murthy
139	319126520L01	Naba Madhavi Priyanka
140	319126520L02	Chinnari Natraj
141	319126520L03	Bantu Sandhya
142	319126520L04	Kanuri Roopesh
143	319126520L05	Geddalavasa Ravi Kumar
144	319126520L06	John Daniel
145	319126520L07	Yasoda Dammu
146	319126520L08	Dokka Jayasree
147	319126520L09	Kolli Syam Deekshit Manikanta
148	319126520L11	Kagithala Kavya

149	319126520L12	Baratam Vineeth
150	319126520L13	Gudla Shanmukha Srinivasrao
151	319126520L14	Adari Rohith
152	319126520L15	Pudi.Balakrishna
153	319126520L17	Pedapati Mvsk Sai Satya Ganesh
154	319126520L18	Dinesh Gudipati
155	319126520L19	Pudi Teja Kumar
156	319126520L20	B. Hema Saranya
157	319126520L22	Sunkara G S Meher Teja
158	319126520L23	Tutika Ganesh
159	319126520L24	Thadi Varaprasad
160	319126520L25	Rongali Yernaaidu
161	319126520L26	Vamshi Pavan Vadapalli
162	319126520L27	Mandapati Ugendra Varma
163	319126520L29	Balla Chakradhar
164	319126520L30	Majji Ramakanth
165	319126520L31	Karri Kethan
166	319126520L32	Kamada Hemanth
167	319126520L33	Kalla Kanaka Sai Jayanth
168	319126520L36	Nekkala Lokesh
169	319126520L38	Yenugula Murali Krishna
170	319126520L40	Thotada Kiran
171	319126520L41	Guntuku Yeswanth Kumar
172	319126520L42	Kadari Tarun Kumar
173	319126520L44	Gallongi Mohan Kumar
174	319126520L45	Inturi Tanmayasai Krishnachowdary
175	319126520L46	Mamidi Jaswanth
176	319126520L47	Marri Nikhil Sai
177	319126520L48	B.Trivedi
178	319126520L49	Pasupureddi Rajesh
179	319126520L50	Mudunuru Akhil Varma
180	319126520L51	Vankara Madhusudhan Rao
181	319126520L52	P. Vamsi Varma
182	319126520L53	Ponnada Karthik
183	319126520L55	Md Nawazuddin
184	319126520L57	Sativada Lakshmikanth



HOD
Mech. Engg.

PROFESSOR & HEAD
Department of Mechanical Engineering
ANNAPATNAM INSTITUTE OF TECHNOLOGY & SCIENCE
SRI SYDDEEPURU, 931 102 VIJAYAPATNAM DIST. A.P.



Andhra Pradesh State Skill Development Corporation (APSSDC)

(Department of Skill Development & Trainings, Govt. of Andhra Pradesh)



Certificate of Participation



Cert.No. ASDC/05/2021-22/203

Regd Id : 319126520L38

This is to certify that **Mr./Ms./Mrs.**.....
Yenugula Murali Krishna.....
of **Anil Neerukonda Institute of Technology & Sciences** has successfully
participated in Online Training Program on **Advanced Surface Design by CATIA**

held from **31-05-2021** to **12-06-2021**

Dr. D.V. Rama Koti Reddy

Executive Director
APSSDC

*Model copy of filing
certificate for filing*

Sri N. Bangaru Raju

MD, APSSDC



ANIL NEERUKONDA INSTITUTE OF TECHNOLOGY & SCIENCES (A)

DEPARTMENT OF MECHANICAL ENGINEERING

(Permanently Affiliated to Andhra University, AICTE, Accredited by NBA NAAC with 'A' Grade)
Sangivalasa-531162, Bheemunipatnam Mandal, Visakhapatnam Dt.
Phone 08933-225084, 226395

REPORT

Date: 12.06.2021

The Department has encouraged its students to register for value added courses which will have a bearing on their academic and professional skills. CATIA is an advanced software being predominantly used in Industry and Research organizations. Considering this aspect, a program on value-added course on "Advanced Surface Design by CATA" has been organised by the Department in on-line mode in association with Andhra Pradesh State Skill Development Corporation (APSSDC) during 31.05.2021 to 12.06.2021 (48 contact hours). A total of 184 Mechanical Engineering students have registered and successfully completed the course.

The program dealt with the nuances of CATIA software and its applications. The students were taught the basics of CATIA and basics of product design in the first few sessions followed by surface design features, advanced tools in GSD, plastics designing. Remastering etc. in the next sessions (The details are provided in the brochure). They were also simultaneously exposed to the use of software for advanced features in sheet metal and draft analysis.

The department has planned to arrange such programs in the future as well as it would improve the confidence of the students and also enhance their job opportunities.


Head of the Department

PROFESSOR & HEAD
Department of Mechanical Engineering
ANIL NEERUKONDA INSTITUTE OF TECHNOLOGY & SCIENCES
Sangivalasa-531162 VISAKHAPATNAM Dist. A.P.



ANIL NEERUKONDA INSTITUTE OF TECHNOLOGY AND SCIENCES (A)
(Approved by AICTE, Affiliated to Andhra University & Accredited by NBA)
Sangivalasa-531 162, Bheemunipatnam Mandal, Visakhapatnam Dt.
Phone Nos: 08933 225083, 225084, 225087, 226131 Fax No 226395
Website : www.anits.edu.in e-mail: principal@anits.edu.in

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

CIRCULAR

Dt: 25-06-2020

We are planning to organize a value added course for $\frac{3}{4}$ B.Tech students to do projects in software engineering .course is divided as three phases. Phase -1 for 10hours, phase-2 for 12hours and phase -3 for 8hours.This is to inform all the 3rd year students series of online courses with the following schedule. So, all the students are hereby informed to attend the online courses and get benefited.

ONLINE COURSE ON: SOFTWARE INDUSTRY-TOOLS AND METHODOLOGIES-PHASE 1,2,3

SESSION-1: 30-06-2020 to 02-07-20
Architect,PortlandOregon,US

Mr. Srinivas Eswarapu,Sr. Cloud


SESSION-2: 03-07-2020 to 07-07-20 Mr. JVS Chaitanya,Sr Software Development
Engineer,Productdevelopment,Kony Labs, Hyderabad.

SESSION-3: 09-07-2020 to 10-07-20 Dr. Sridhar
Swaminathan,AssistantProfessor,CSE,Bennet University, Greater Noida, India.

Links will be sent to respective class groups, by sharing the webinar poster.


Mrs.S.A.Bhavani

ASST PROF,
Online course-coordinator


Dr. R. SIVARANJANI
HOD, CSE

**Head of the Department of
Computer Science & Engineering**
Anil Neerukonda Institute of
Technology & Sciences
Sangivalasa, Visakhapatnam Dist

SYALLABUS FOR SOFTWARE TESTING TOOLS AND METHODOLOGIES

S.NO	TOPIC	DURIATION	CO'S
	PHASE -1		
1	GitHub.	2hours	5
2	Git.	2hours	5
3	GitLab.	2hours	5
4	IntelliJ IDEA.	2hours	5
5	Stack Overflow.	1hour	4
6	Docker.	1hour	5
	PHASE-2		
7	Jira.	2hours	5
8	Jenkins.	2hours	5
9	GitHub.	2hours	5
10	Git.	2hours	5
11	GitLab.	1hour	5
12	Agile Software Development Methodology	1hour	5
13	DevOps Methodology	1hours	5
14	Scrum Development Methodology	1hour	5
	PHASE -3		
15	Waterfall Model	1HOUR	5
16	Prototype Methodology	1HOUR	5
17	Feature Driven Development	1HOUR	5
18	Rapid Application Development (RAD)	1HOUR	5
19	Spiral Model	1 HOUR	5
20	Dynamic Systems Development Model Methodology	1HOUR	5
21	Extreme Programming Methodology	1HOUR	5
22	e Software Development Methodology	1HOUR	

SESSION-1: 30-06-2020 to 02-07-20

Mr. Srinivas Eswarapu, Sr. Cloud Architect, Portland Oregon, US

SESSION-2: 03-07-2020 to 07-07-20
Hyderabad.

Mr. JVS Chaitanya, Sr Software Development Engineer, Product development, Kony Labs,

SESSION-3: 09-07-2020 to 10-07-20

Dr. Sridhar Swaminathan, Assistant Professor, CSE, Bennet University, Greater Noida, India.


 Head of the Department of
 Computer Science & Engineering
 Anil Neerukonda Institute of
 Technology & Sciences
 Sangivalasa, Visakhapatnam Dist

ATTENDANCE SHEET FOR SOFTWARE TOOLS AND METHODOLOGIES

S.NO	Enter Your Name	Designation	Branch	Email	College Name	Number/prefer
1	Jagadish gurrala	Assistant Profess	CSE	giagadish.cse@anits.edu.in	Anil neerukonda institute	9441345914
2	Dinesh Somaraju	Student	CSE	dinesh99639@gmail.com	Anil Neerukonda Institute	08106313275
3	Oruganti Naga Sandeep	Student	CSE	sandeeporuganti01@gmail.com	Anil Neerukonda Institute	7013582732
4	Mohammed Hafsha Firdous	Student	cience and	hafsha03@gmail.com	Anil Neerukonda Institute	8919436364
5	B Siva Jyothi	Assistant Profess	CSE	sivajyothi.cse@anits.edu.in	ANITS	9032992384
6	Sivaranjani	Professor	Cse	sivaranjani.cse@anits.edu.in	ANITS	9642022170
7	G NIKHIL	Student	Cse	gangereddulianikhil@gmail.com	ANIL NEERUKONDA INST	7842670862
8	Kumar Reddy Neelapu	Student	CSE	kumarreddy.nkr@gmail.com	ANITS	+919515703635
9	Sai Pavan sekhar	Student	Cse	K.pavansai900@gmail.com	Anits	9640236407
10	Lohith mothika	Student	Cse	lohith60m@gmail.com	Anits	8074454312
11	Kakara Deepthi	Student	CSE	deepthikakara6@gmail.com	Anil Neerukonda Institute	7989287144
12	Vakada Mohan Sai Vamsi	Student	ECE	vakadavamsi@gmail.com	ANITS	8523012323
13	Kapuganti Manoj	Student	CSE	manojkapuganti234@gmail.com	Anil neerukonda institute	9121659529
14	Pedada Saraswathi	Assistant Profess	cience and	psaraswathi0106@gmail.com	GITAM (Deemed to be Un	8500962448
15	Patruni Muralidhara Rao	Lecturer	cience and	patrunimuralidhar@gmail.com	Vellore Institute of Techno	9848097413
16	B. Jyothirmayi	Student	CSE	Jyothirmayibodasakuruti01@gmail.com	Anits	9100684679
17	GULLAPALLI SATHAR	Assistant Profess	CSE	sathar9000@gmail.com	ANITS	9000451770
18	Lalam Jyothi swaroop	Student	CSE	swaroop.17.cse@anits.edu.in	Anits	8106834221
19	Podugu Manikanta	Student	science en	manikantaprss@gmail.com	Anil neerukonda institute	9848925411
20	V BALU VEEREN	Student	mputer sciel	baluveeren@gmail.com	Anil Neerukonda Institute	+919100317190
21	B Surya Pratibha	Student	mputer sciel	suryapratibhab1999@gmail.com	Anil Neerukonda Institute	8500461968
22	Mudunuru tharun vishnu varma	Student	Cse	Mtvishnuvarma.16.cse@anits.edu.in	Anits	9515475038
23	Jyothi Bishoyi	Student	Cse	Jyothib.17.cse@anits.edu.in	Anil neerukonda institute	9381093178
24	Gorsa Sai Leela Sushma	Student	CSE	sushma.17.cse@anits.edu.in	Anil Neerukonda Institute	9705356556
25	J Sai Ganesh Srikar	Student	cience and	srikarsteyn100@gmail.com	Anil Neerukonda Institute	6303743129
26	Karanam Jahnavi	Student	cience and	karanamjahnavi210@gmail.com	Anil Neerukonda Institute	7993798464
27	Ronanki Chaitanya	Student	CSE	chaitanyaronanki1999@gmail.com	ANITS	7095916229
28	Maddula Venkata Naga Sowmy	Student	CSE	mnagasowmya.16.cse@anits.edu.in	ANITS	9490267790

29	Pattam Naveen Venkata Siva S	Student	CSE	sainaveen1000@gmail.com	Anil neerukonda institute of	9885813222
30	RAVI RAVVA	Assistant Profess	CSE	ravi4345@gmail.com	Vignans Institute of Engin	9491909937
31	Gangarapu Sarmistanjali	Student	cience and	sarmistanjali.17.cse@anits.edu.in	Anil Neerukonda Institute of	7981672293
32	Aditya Adida	Student	CSE	adityaadida369@gmail.com	ANITS	9490485139
33	Shaik Ameen	Student	cience and	ameen.shaik1998@gmail.com	Anil Neerukonda Institute of	7095387187
34	Vangapandu Vinodhini	Student	cience and	vinodhini.17.cse@anits.edu.in	Anil Neerukonda Institute of	8317674427
35	Gayatri Pennemsa	Student	puter scier	gayatribhannu98@gmail.com	Anil Neerukonda Institute of	9160561899
36	Gnanasri sunkara	Student	Cse	charishma1919@gmail.com	Anil neerukonda institute of	9014998933
37	Monika Krishna Muddana	Student	cience and	monikakrishna527@gmail.com	Anil Neerukonda Institute of	9182387977
38	geetha naini rajagiri	Student	cse	geetha19199@gmail.com	anits	7075351879
39	PITHANI RAKESH	Student	CSE	pithanirakesh@gmail.com	Anil Neerukonda Institute of	8309792297
40	Lalam yaswanthsai	Student	Cse	yaswanthsailalam@gmail.com	Anil neerukonda institute of	9121511764
41	Ravi Gorli	Assistant Profess	IT	ravi.it@anits.edu.in	Anil Neerukonda Institute of	8790224666
42	G V Gayathri	Assistant Profess	CSE	gayathri.ganivada@gmail.com	ANITS	9908216500
43	V Annapoorna	Assistant Profess	ation techr	vannapoorna.it@anits.edu.in	Anil Neerukonda Institute of	9885360144
44	Vemuri Sai Manohar	Student	CSE	saimanoharvemuri333@gmail.com	SRKR Engineering College	7659911722
45	Varanasi Usha Bala	Assistant Profess	cience and	ushabala.cse@anits.edu.in	ANIL NEERUKONDA INS	9985121756
46	Lokeswari Nambaru	Assistant Profess	CSE	lokeswari.cse@anits.edu.in	Anil Neerukonda Institute of	9010563638
47	KOTLA UDAY KUMAR	Student	CSE	udaykumarkotla01@gmail.com	ANITS	9347135012
48	Rushitha Pohnuru	Student	Cse	rushitha7g17299@gmail.com	Anil Neerukonda Institute of	8247457690
49	Ponnada MAHIDHAR	Student	puter scier	mahidharponnada@gmail.com	Andhra university college of	9966283388
50	Dr.kurumalla Suresh	Assistant Profess	CSE	kurumallasuresh@gmail.com	ANITS	9951415559
51	Sheema Patro	Student	CSE	sheemapatro24@gmail.com	Anil Neerukonda Institute of	9963280556
52	Priyanka	Student	Cse	priyankavangapandu28@gmail.com	Gayatri vidhya parishad of	9182034134
53	K.SELVANI DEEPTHI	Associate Profess	CSE	selvanideepti14@gmail.com	ANIL NEERUKONDA INS	9440187827
54	KANDA CHANDUSHA	Assistant Profess	ation techr	kandachandusha@gmail.com	Anil neerukonda institute of	9949228345
55	S.S.N.L.Priyanka	Assistant Profess	CSE	priyanka.cse@anits.edu.in	ANITS	9652266927
56	Aakanksha sreeram	Student	Cse	aakankshasreeram3266@gmail.com	Anil neerukonda institute of	79936655367
57	Sai Guna Sekhar Duba	Student	CSE	sai.gunasekhar@gmail.com	Anil Neerukonda Institute of	9182667820
58	Shaik Sai Sushma	Student	cse	sushmasai.honey@gmail.com	Anil Neerukonda Institute of	9505016161
59	kavita	Student	CSE	p.kavitha342@GMAIL.COM	sasi institute of engineering	8610082944
60	Lalam yaswanthsai	Student	Cse	yaswanthsailalam@gmail.com	Anil neerukonda institute of	9121511764

61	Manyala vignesh	Student	CSE	gani26.sri@gmail.com	ANITS	09652660399
62	Ch Venkata Krishna reddy	Student	Cse	krishnareddyचितेला@gmail.com	Anil neerukonda institute of	9121076624
63	Siddamreddy ranga reddy	Student	Science and	srf66166@gmail.com	Anil neerukonda institute of	9908126054
64	Rayaprolu sai sanjana	Student	computer scier	sanjanarayaprolu2001@gmail.com	Anil neerukonda institute of	6304315650
65	Dr.K.Sharada	Associate Professor	Information Techn	sharada.iti@anits.edu.in	ANITS	9490109900
66	BOLEM POORNA RAMA SATY	Student	CSE	satyachandub1999@gmail.com	ANIL NEERUKONDA INS	9493456243
67	Cherukuri Shivani	Student	CSE	chshivani.17.cse@anits.edu.in	Anil Neerukonda Institute of	7330853676
68	Raga Ranjitha Boddeti	Student	Science En	ragaranjitha99@gmail.com	Anil Neerukonda Institute of	7997164309
69	Sushma Sree Turmmalapalli	Student	Science En	sushma152000@gmail.com	Anil Neerukonda Institute of	08056533619
70	G S PRIYA	Student	computer scie	priyasneha.ps31@gmail.com	Anil Neerukonda Institute of	9703496463
71	Murali Krishna Vasantha	Assistant Profess	Science and	muralivasantha144@gmail.com	Avanthi institute of enginee	8639576050
72	SIRIKI ATCHUTA BHAVANI	Assistant Profess	CSE	sabhavani.cse@anits.edu.in	ANIL NEERUKONDA INS	9441969454
73	Mediboina Roshan Raghunadh	Student	Cse	mediroshan@gmail.com	Anil neerukonda institute of	8919728347
74	Amaravathi Kaviti	Assistant Profess	CSE	amaravathikaviti@gmail.com	Anil Neerukonda Institute of	9493277988
75	Neelapu Sai Chaitanya Reddy	Student	CSE	nchaitanya.18.cse@anits.edu.in	Anil Neerukonda Institute of	8500928956
76	Konchada Sneha Kiran	Student	CSE	ksnehakiran.18.cse@anits.edu.in	Anil Neerukonda Institute of	9000343908
77	S. JOSHUA JOHNSON	Assistant Profess	SCIENCE AND	joshua.cse@anits.edu.in	ANIL NEERUKONDA INS	9573382650
78	V.Suresh	Assistant Profess	Information Techn	vayasisesuresh@gmail.com	ANITS	9912880364
79	V.Krishna Chaitanya	Student	Science En	vkchaitanya1805@gmail.com	Anil Neerukonda Institute of	8978872189
80	G santoshi	Assistant Profess	Cse	gsanthoshi.cse@anits.edu.in	Anits	8500925079
81	Chandrashekhar	Student	CSE	Cndhnaidu9@gmail.com	ANITS	09987033774
82	u.v.harish	Student	cse	vharish4859@gmail.com	anits	8074364797
83	Jyothi priya sureddi	Student	Cse	jyothiipriyasureddi@gmail.com	ANITS	8985129566
84	PITHANI RAKESH	Student	Cse	pithanirakesh@gmail.com	Anil Neerukonda Institute of	8309792297
85	Dantuluri viswamohan	Student	CSE	viswamohan02@gmail.com	Anil Neerukonda Institute of	8106064860
86	V. AmulyaHarika	Student	CSE	vamulyaharika.19.cse@anits.edu.in	Anil nerukonda institute of	7093742112
87	Gorli Sridiyya	Student	CSE	2001sridiyyaG@gmail.com	Anil neerukonda institute of	8247030122
88	Vineela	Student	computer scie	vineelasettyvineela@gmail.com	Anil neerukonda institute of	+9172207261797
89	Sreemayee Vuppala	Student	CSE	sreemayee15062001@gmail.com	Anil Neerukonda Institute of	9059725707
90	Ganesh Kumar Alamuri	Student	CSE	alamuriganeshkumar@gmail.com	Anil Neerukonda Institute of	9398729624
91	seshu kolli	Student	Cse	seshudatakolli123@gmail.com	ANITS	8500870258
92	Prasad Kaviti	Assistant Profess	CSE	prasad.cse@anits.edu.in	ANITS	7842898485

93	Kiran Kumar	Student	cse	kiran09082001@gmail.com	anits	6302792963
94	S V S S LAKSHMI	Assistant Profess	CSE	lakshmi.cse@anits.edu.in	ANITS	9505855845
95	Divyateja Motamari	Student	Cse	motamarrdivyateja@gmail.com	Anits	7032561048
96	A Straddha Ananya	Student	IT	alyamsraddhaananya2000@gmail.com	Anits	8186918918
97	NISMON RIO R	Assistant Profess	PUTER SCIE	nismonriocs@gmail.com	CHRIST(DEEMED TO BE	9003310312
98	Jaswanth Jerripothula	Student	Science En	jaswanthjerripothula00@gmail.com	M. s. ramaiah university of	7997117198
99	EPPILLI VISWA TEJA	Student	Mechanical	eppillivinay22061998@gmail.com	ANITS	9298005013
100	vineela yelisetty	Student	CSE	yelisettyvineela@gmail.com	ANITS	7207261797
101	Yamini Krishna Damarla	Student	CSE	yaminidamarla369@gmail.com	ANITS	08464880592
102	PATHARAPALLI SAI RAJU	Student	EEE	patharapallisrinu04@gmail.com	GAYATRI VIDYAPARISHA	80966635668
103	V.Krishna Chaitanya	Student	Science En	vkchaitanya1805@gmail.com	Anil Neerukonda Institute of	8978872189
104	ragav	Student	IT	verdan.m@outlook.com	anna university	9171972336
105	varunsaagar.s@gmail.com	Student	omotive eng	varunsaagar.s@gmail.com	Hindusthan College	9944382721
106	Gurpreet Singh Bhamra	Assistant Profess	puter Scien	gurpreet.bhamra@crsu.ac.in	Chaudhary Ranbir Singh U	9813220976
107	Nisarg Gandhewar	Assistant Profess	Cse	nisarg.gandhewar@gmail.com	SBJITMR Nagpur	9730534284
108	G V ESWARA RAO	Assistant Profess	CSE	eshwar.cse@anits.edu.in	ANITS	8333961961
109	Christina Preethi	Student	CSE	christina.ncp@gmail.com	Anil Neerukonda Institute of	94993733341
110	Vinay chaduvula	Student	puter scier	chvinay.17.cse@anits.edu.in	Anil neerukonda institute of	9121541512
111	Abhisek Patra	Student	cience and	abhisekpatra0920@gmail.com	National Institute of Scienc	9777641949
112	Deepika Gonnabattula	Student	CSE	deepikagonnabattula111@gmail.com	Anil Neerukonda Institute of	8096777161
113	B. Bharathi Lakshmi	Student	CSE	bharathilakshmi.baddi@gmail.com	ANITS	6303474448
114	R.VENKATARAMANA	Student	CSE	ramana.btech2020@gmail.com	AVANTHI'S ST.THERESS	09985464704
115	Manishagajapalli	Student	CSE	manishagajapalli9205@gmail.com	Avanthi 's st theresa institu	6300267163
116	Balajee J	Student	on Technolo	jbballa@gmail.com	Vellore Institute of Techno	9629151024
117	B.Meena	Associate Profess	CSE	vinaymeena@gmail.com	Raghu Engineering Colleg	9581630915
118	Pullela sravanthi	Student	CSE	Sravanthipullela15@gmail.com	Avanthi 's st theresa institu	8367415158
119	Rama Devi Gude	Assistant Profess	CSE	ramaravi.652@gmail.com	Avanthi's st. Theresa insti	8106654124
120	Sunitha	Assistant Profess	puter Scie	sunithamodicollege@gmail.com	MULTANI MAL MODI COL	8146456230
121	Samhitha Palacharla	Student	CSE	samhithapalacharla@gmail.com	Anil Neerukonda Institute of	9701845944
122	Sunitha	Assistant Profess	PUTER SCI	sunithamodicollege@gmail.com	MULTANI MAL MODI COL	8146456230
123	Mohammad abdul sofa Aman	Student	CSE	aman.sofia20@gmail.com	Avanthi institute of enginee	9110351309
124	Satya Kalyani Nakka	Student	CSE	nskalyani.18.cse@anits.edu.in	Anits	7995106475

125	Manishagajapalli	Student	CSE	manishagajapalli9205@gmail.com	Avanthi 's st theresa of ent	6300267163
126	Malla.likhitha	Student	mputer scie	Likhithamalla778@gmail.com	Avanthi's st. Theresa inst	9347525986
127	KARTIKEYA GUPTA	Student	IENCE AND	kartikkeyagupta1409@gmail.com	KIET GROUP OF INSTITT	6399905969
128	Mounika	Student	CSE	mounikaadari123@gmail.com	ANIL NEERUKONDA INS	8919497003
129	Adari Mounika Satya Lakshmi	Student	CSE	mounikaadari123@gmail.com	ANIL NEERUKONDA INS	8919497003
130	Nikhila sonyana	Student	EEE	nikkichinna11@gmail.com	Anil Neerukonda institute o	8106268249
131	Shirisha Dhannini	Student	Electronics	shirishajai@gmail.com	Anil neerukonda institute o	9100125195
132	Thanuja Nulu	Student	E. E. E	tanu7651@gmail.com	Anil neerukonda institute o	7981929815
133	Kona Hari Sai Krishna	Student	Electronics	harrikona9999@gmail.com	Anil Neerukonda Institute o	8790931332
134	Allada Harshini Lakshmi Durga	Student	CSE	harshiniallada14@gmail.com	Anil Neerukonda Institute o	9440507230
135	Dasari Mohan Manikanta Sai	Student	Science En	sai300501@gmail.com	Anil Neerukonda institute o	9515061217
136	Maddipudi Sudeepthi Swathi	Student	CSE	sudeepthi152@gmail.com	Anil Neerukonda Institute o	7893374795
137	SAKSHI	Student	Science and	sakshi@chitkara.edu.in	Chitkara university	8288071117
138	S.HEMA NAGA VALLI	Lecturer	ATHEMATIC	hmvalli.sing@gmail.com	AANM & VVRSR POLYTE	8331088705
139	ANITHA TEEDA	Assistant Profess	SCIENCE &	anitha.cse@anits.edu.in	ANIL NEERUKONDA INS	7799123311
140	Siripurapu Reshmabhanu	Student	CSE	bhanus1552@gmail.com	JNTUK-UCEV, VIZIANAG	9502993924
141	Noopur Goel	Assistant Profess	puter Applic	noopurt11@gmail.com	VBS Purvanchal University	9956816786
142	SEVA PRADEEP	Student	mputer scie	Sevapradeep49@gmail.com	ANITS	9494218701
143	G.Ganga bhavani	Student	Cse	bhavanisindhu07@gmail.com	Avanti clg	6300399173
144	G.Ganga bhavani	Student	Cse	bhavanisindhu07@gmail.com	Avanti clg	6300399173
145	Jaswanth Jerripothula	Student	Science En	jaswanthjerripothula00@gmail.com	M.s. ramalah university of	7997117198
146	MALLA RAMAKRISHNA MURTI	Professor	CSE	ramakrishna.malla@gmail.com	ANITS	08341831081
147	POLAVARAPU VANITHA SRI	Assistant Profess	nation Tech	polavarapur888@gmail.com	Vignar's Institute of Engin	8498876644
148	Sridevi Bonthu	Assistant Profess	CSE	sridevi.b@vishnu.edu.in	Vishnu Institute of Techno	+919885880382
149	Sammani Alekya	Student	CSE	alekya.sammangi248@gmail.com	Anil neerukonda Institute o	7013889531
150	V.Krishna Chaitanya	Student	Science En	vkchaitanya1805@gmail.com	Anil Neerukonda Institute o	8978872189
151	Stravanthi pullela	Student	Cse	Stravanthipullela15@gmail.com	Avanthi s st theresa instit	8367415158
152	Geethanjali kaibadi	Student	CSE	geetuk.2001@gmail.com	Anits	9381573887
153	Meghana golajapu	Student	Cse	meghana.golajapu1999@gmail.com	Avanthi's St Therese instit	7975071681
154	Kankipati Sowjanya	Student	CSE	kankipatsowji@gmail.com	Avanthi st.theresa engine	7093962027
155	Shashank Kirti	Student	Statistics	shashank_stats@gmail.com	University of Lucknow	9455280876
156	Mamta Bisht	Student	ECE	bishtmamta29@gmail.com	Jaypee Institute of Informa	8750622607

157	Haritha	Student	Computer science	madugulaharitha@gmail.com	Avanthi st.theressa	8555883473
158	jahnavi Vuyyuri	Student	Cse	jahnavivuyyuri12@gmail.com	Anil neerukonda institute of	8639714419
159	Bhargavi dunga	Student	CSE	bhargavisr222@gmail.com	Avanthi	7386205904
160	EPPILLI VISWA TEJA	Student	communication	viswatejaepplili@gmail.com	Chaitanya engineering coll	8919940631
161	Richa Gupta	Associate Profess	2003	richa.gupta@jiit.ac.in	Jiit Noida	9711304116
162	G santoshi	Assistant Profess	Cse	gsanthoshi.cse@anits.edu.in	Anits	8500925079
163	Surendra Talari	Assistant Profess	Mathematic	Surendra.bw@gmail.com	GITAM University	9985873806
164	Desetti sai monika	Student	Cse	Monidesetti0301@gmail.com	Mvgr college of engineerin	6305083570
165	Nunna Jenny Sai Prasanna	Student	science and	prasannajenny6@gmail.com	Anil Neerukonda Institute of	9515504655
166	Sushant Agarwal	Student	Cse	sushant.ag09@gmail.com	PSIT	+919651332061
167	Santhosh Kumar C	Assistant Profess	CSE	cisksag@gmail.com	Er.Perumal Manimekalai C	9566772903
168	Prathima Tirumalareddy	Assistant Profess	Information Techn	prathima_it@cbiit.ac.in	Chaitanya Bharathi Institut	9441044722
169	Sharmila rani jetti	Assistant Profess	puter applica	Sharmilarani.j@gmail.com	Gdc(m)	8341548582
170	SAI TARUN PALAKULA	Student	CSE	saitarun2499@gmail.com	KL University	9133819446
171	Vennela	Student	CSE	vennusri444@gmail.com	Avanthi college	7995359187

online course coordinator

HOD, CSE

**Head of the Department of
Computer Science & Engineering**
Anil Neerukonda Institute of
Technology & Sciences
Sangivalasa, Visakhapatnam Dist

REPORT FOR ONLINE COURSE ON SOFTWARE ENGINEERING TOOLS AND METHODOLOGIES

The Department of CSE, ANIL NEERUKONDA INSTITUTE OF TECHNOLOGY AND SCIENCES(ANITS), Value added courses on **ONLINE courses on SOFTWARE ENGINEERING TOOLS AND METHODOLOGIES** for 3/4th year students during the lockdown period, in order not to break the learning chain of the students.

The resource persons,

SESSION-1: 30-06-2020 to 02-07-20

Mr. Srinivas Eswarapu, Sr. Cloud Architect, Portland Oregon, US

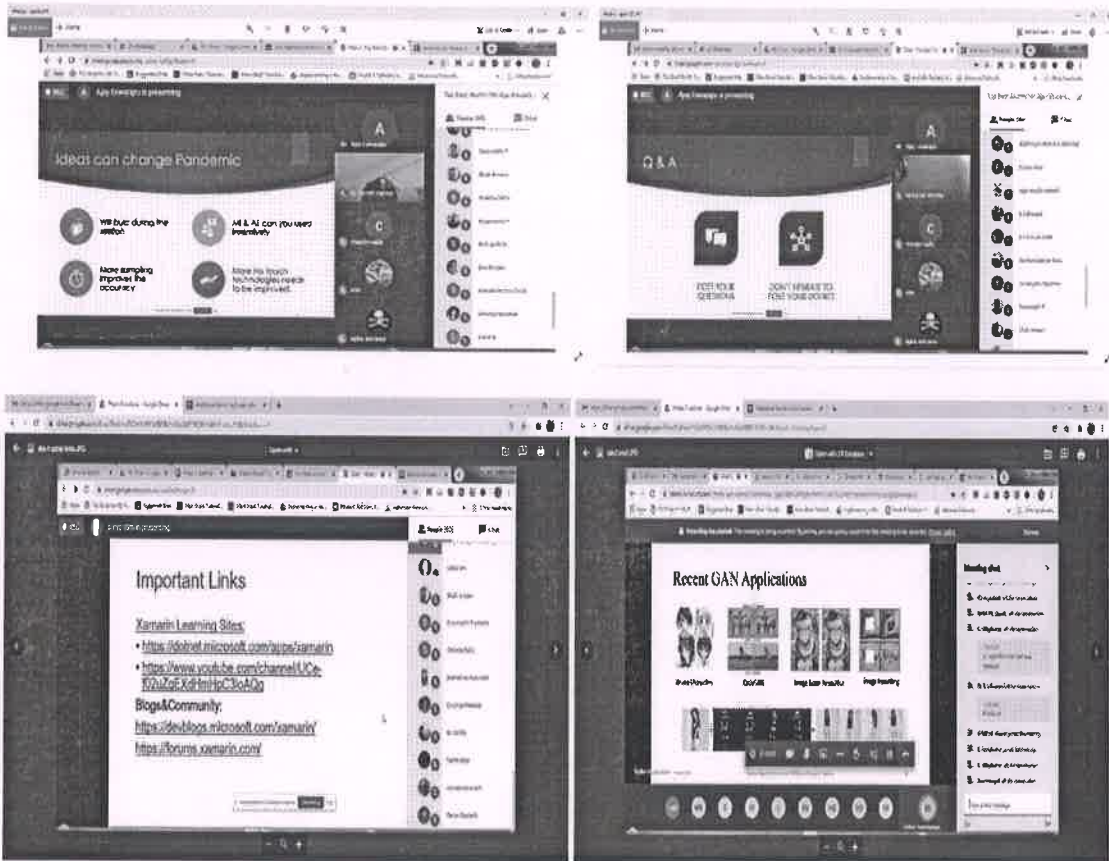
SESSION-2: 03-07-2020 to 07-07-20

Mr. JVS Chaitanya, Sr Software Development Engineer, Product development, Kony Labs, Hyderabad.

SESSION-3: 09-07-2020 to 10-07-20

Dr. Sridhar Swaminathan, Assistant Professor, CSE, Bennet University, Greater Noida, India.

course is divided as three phases. Phase -1 for 10 hours, phase-2 for 12 hours and phase -3 for 8 hours has discussed topics in these tools and methodologies. Nearly 170 members have participated in the Session. The sessions enhanced the knowledge of students and made them ready for different online coding classes, and competitions



(Handwritten signature)

**Head of the Department of
Computer Science & Engineering
Anil Neerukonda Institute of
Technology & Sciences
Sanglivalasa, Visakhapatnam Dist**




Online Course Coordinator


Hod,CSE

Head of the Department of
Computer Science & Engineering
Anil Neerukonda Institute of
Technology & Sciences
Sangivalasa, Visakhapatnam Dist



DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

ANIL NEERUKONDA INSTITUTE OF
TECHNOLOGY & SCIENCES (A)



(Affiliated to AU, Approved by AICTE, Accredited by NBA & Certified by NAAC with 'A' grade)

Sangivalasa- 531 162, Bheemuniapatnam Maandal, Visakhapatnam Dist. Andhra Pradesh, India.

CERTIFICATE OF PARTICIPATION

This Certificate is proudly presented to

Annapura Vaddadi

for participating in phase 1, 2, 3 online course series in Software Industry Tools and Methodologies on the topic Research Trends in AI Deep Learning for Computer Vision organized by the Dept. of CSE, ANITS from 30-6-20 to 10-7-20

G Jagadish
Convenor

Mr. Srinivasu
Eswaran

Dr. Sridhar

Dr. P. Sivarani
Head of the Department of
Computer Science & Engineering
Anil Neerukonda Institute of
Technology & Sciences
Sangivalasa, Visakhapatnam Dist.

Mr. JVS Chaitanya



ANIL NEERUKONDA INSTITUTE OF TECHNOLOGY & SCIENCES (A)

DEPARTMENT OF MECHANICAL ENGINEERING

(Permanently Affiliated to Andhra University, AICTE, Accredited by NBA NAAC with 'A' Grade)

Sangivalasa-531162, Bheemunipatnam Mandal, Visakhapatnam Dt.
Phone 08933-225084, 226395

Date: 08.06.2020

To
The Principal,
ANITS.

Sir,

Sub: Request for conducting a two-week on-line program on "Value added course on CATIA"-reg.

We are planning to organize a two-week online program on "value added course on CATIA" to improve the academic and professional skills of our students. The program is planned to organize in collaboration with APSSDC from 15th to 27th June, 2020. This program will immensely benefit the students during their placements and improve their career opportunities.

Kindly grant the permission for organizing the program.

Appd

JHB

8-6-20
Head of the Department

PROFESSOR & HEAD
Department of Mechanical Engineering
ANIL NEERUKONDA INSTITUTE OF TECHNOLOGY & SCIENCES
Sangivalasa-531 162 VISAKHAPATNAM Dist A P



ANIL NEERUKONDA INSTITUTE OF TECHNOLOGY & SCIENCES (A)

DEPARTMENT OF MECHANICAL ENGINEERING

(Permanently Affiliated to Andhra University, AICTE, Accredited by NBA NAAC with 'A' Grade)

Sangivalasa-531162, Bhcemunipatnam Mandal, Visakhapatnam Dt.
Phone 08933-225084, 226395

Date: 10.06.2020

CIRCULAR

All the interested third and final year Mechanical Engineering students are hereby informed to register your names with the under signed to attend a two-week online program on "value added course on CATIA" scheduled from 15th to 27th June, 2020. This program will be organized in collaboration with APSSDC. It will immensely benefit the students in obtaining placements and improve your career opportunities.

 10-6-20
Head of the Department

PROFESSOR & HEAD

Department of Mechanical Engineering

ANIL NEERUKONDA INSTITUTE OF TECHNOLOGY & SCIENCES
Sangivalasa-531 162 VISAKHAPATNAM Dist. A P

Brochure: Value added course on "CATIA"

Course Contents to be covered

- ❖ Sketcher
- ❖ Part Design
- ❖ Assembly
- ❖ Drafting

Duration: 48 Hrs.

DAY	CONCEPT	CONTENT HIGHLIGHTS & TOPICS TO BE DELIVERED
WEEK-I		
Day- 1&2	Introduction to CATIA software & Interface of the software	<ul style="list-style-type: none"> ● Basic engineering drawings ● Introduction to software and application criteria in industries ● Introduction to various domains in Catia Software ● Software interface and drawing considerations ● Steps to be considered for designing a product
Day- 3&4	Introduction to sketcher workbench, sketch creation, modifications, constraining	<ul style="list-style-type: none"> ● Creating a normal sketch by considering the given dimensions ● Creating axis systems and sorting out the required toolbars for sketching ● Options to be set before drawing a sketch i.e for increasing the performance ● Settings up Views and cube operations for views ● Creating profiles by using lines, Circles, Rectangles, Splines, and arcs. ● Modifying profiles by using Trims, Extend, Mirror, Move, Copy, Rotate ● Simplifying sketch by using pattern operations ● About Sketch Constraints and making a sketch fully constrained closed sketch ● Dimensional Constraints & Geometrical Constraints ● Sketch grids & snap grid along with Sketch tools & Visualization tools ● Sketch visibility colors, Sketch analysis
Day- 5&6	Introduction to part design, creating 3d models from 2d sketches	<ul style="list-style-type: none"> ● Importance of 3d modeling and views associated with 3d models ● Conversion of Sketches to 3d models by Material Add and Remove. ● Associating views and drawing sketch to obtain the final 3d models ● Make use of reference elements like point, Line, Plane ● Sketch-based features like Extrude, Revolve, Sweep, Multi-section solids ● Dress-up features like Fillets, Chamfers, Patterns ● Transformation features like Move, Copy, Rotate, Mirror, Symmetry e.t.c

WEEK-II

Day- 1&2	Creating 3d models by following correct tree structure, boolean operations, Applying the draft analysis to created models	<ul style="list-style-type: none">● Adding materials properties for 3d models● Using dynamic sectioning features and output features● Draft analysis for created models and measure the inertia and weight● Following proper tree structure for creating the products● Boolean operations
Day- 3&4	Introduction to assembly, Creating assembly for the 3d models	<ul style="list-style-type: none">● Introduction to assembly interface● Explanation of basic assembly constraints● Applying modification to the assembly constraint by using a manipulation tool● Explanation of Bottom-Up and Top-Down Assembly● Creating complete Bottom-Up Assembly● Creating complete Top Assembly● Benefits Bottom Up and Top Down assemblies● Exploded view for the created assembly
Day- 5&6	Introduction to drafting, creating drafting to the 3d models	<ul style="list-style-type: none">● Creating views of the final assembly on drafting sheet● Creating front view side view and top view & Isometric view of Assembly● Creating dimensions, part numbers, Bill of materials● Title block creation and Broken, auxiliary views creation● Review of all previous sessions followed by a test.

17/8.6.20

HOD
Mech. Engg.

PROFESSOR & HEAD
Department of Mechanical Engineering
ANIL NEERUKONDA INSTITUTE OF TECHNOLOGY & SCIENCE
Sangivalasa-531 162 VISAKHAPATNAM Dist. A.P



Anil Neerukonda Institute of Technology & Sciences (Autonomous)

(Affiliated to AU, Approved by AICTE & Accredited by NBA & NAAC with 'A' Grade)

Sangivalasa-531 162, Bheemunipatnam Mandal, Visakhapatnam District

Phone: 08933-225083/84/87

Fax: 226395

Website: www.anits.edu.in

email: principal@anits.edu.in

An online training program

CATIA-2020-2021 (Online)

Details: 15-06-2020 to 27-06-2020

Organisation :Andhra Pradesh State Skill Development Corporation(APSSDC)

List of Students trained

S.No.	Registration Id	Name
1	314126520072	Koro Sai Gowtham
2	315126520102	Kommana Sai Sandilya
3	316126520159	Rakesh
4	316126520161	Sai Bharath Pola
5	316126520162	Sampathirao Santhosh Kumar
6	316126520279	Jeevan Palla
7	317126520	Samuel
8	317126520	Samuel Paul
9	317126520007	B.Bindu Madhavi
10	317126520016	D.Girish
11	317126520017	Durga Venkata Karthik Chippala
12	317126520022	Jana Tunish Siva Sai Mallikarjun
13	317126520031	Loladhattu Abhishekta Varma
14	317126520040	Pitchika Sri Lalitha
15	317126520068	Bonthu Sandeep
16	317126520087	Koilada Hima Sandeep
17	317126520096	Mathe Manasa
18	317126520098	Mohammed Aslam
19	317126520103	Goutham Pachilla
20	317126520109	Gowtham Perakalapudi
21	317126520111	R Aravind Balaji
22	317126520113	Chandra Vamsi
23	317126520114	Shashank Achanta
24	317126520122	Banisetty Vinay
25	317126520129	Ajay Kumar Dola
26	317126520140	Katta Uday Kiran
27	317126520147	Lanke Abhilashvarma
28	317126520150	Mallavarapu Teja
29	317126520156	Bhargav Paila

30	317126520157	Vineeth
31	317126520162	P.Santosh Kumar
32	317126520165	Routhu Devasai
33	317126520166	Ruthala Tripura Varshini
34	317126520176	Tikka Ramakrishna
35	317126520177	Vempati Sai Srinivas
36	317126520182	Avala Sai Kalyan
37	317126520188	Chelluri Manikanta
38	317126520198	Kakinada Sai Dheeraj
39	317126520199	Kalabarigi Krishna Nagasai
40	317126520201	Kambhampati Karthikeyan
41	317126520208	Monangi Yaswanth
42	317126520213	Bhargavi Sri
43	317126520215	Prithvi Attada
44	317126520216	Puthi Kusuma
45	317126520224	Tangudu Saishankar
46	318126520027	M.Manish Kumar
47	318126520040	Pattisapu Varaha Sandeep
48	318126520045	Rohit Yadav
49	318126520080	Dilip Kumar
50	31812652009	Lakkoju Deepak
51	318126520105	Patoju Sai Sankar
52	318126520133	Satish Chittella
53	318126520202	Sunkara Saikiran
54	318126520L09	Poothi Venu Satya Jaya Raju Reddy
55	318126520L28	Bokam Teja
56	318126520L42	Matthala Srikanth
57	319126520156	Pilli Venkata Praveen
58	319126520161	Surakasula Satya Sai
59	319126520L01	Naba Madhavi Priyanka
60	319126520L022	Sunkara Girija Shasidhar Meher Teja
61	319126520L03	Bantu Sandhya
62	319126520L11	Kagithala Kavya
63	319126520L17	Pedapati Mvsk Sai Satya Ganesh
64	319126520L29	Balla. Chakradhar
65	319126520L30	Majji Ramakanth
66	319126520L32	Kamada Hemanth
67	319126520L41	Guntuku Yeswanth Kumar
68	319126520L43	Chedalla Soma Sekhar
69	319126520L44	Gallongi Mohan Kumar
70	319126520L45	Inturi Tanmayasai Krishnachowdary
71	319126520L46	Mamidi Jaswanth
72	319126520L47	Marri Nikhil Sai
73	319126520L49	Pasupureddi Rajesh
74	319126520L50	M.Akhil Varma

HOD
Mech. Engg.

PROFESSOR & HEAD
Department of Mechanical Engineering
ANGELERUKUNDA INSTITUTE OF TECHNOLOGY & SCIENCE
Sangivalasa-531 182 VISAKHAPATNAM,Dist. A.P.



Andhra Pradesh State Skill Development Corporation (APSSDC)

(Department of Skill Development & Trainings, Govt. of Andhra Pradesh)



Cert.No.STP/CATIA/B2/P/195

Regd Id : 317126520138

This is to certify that Mr./Ms./Mrs..... Kanta Akhil

of ANIL NEERUKONDA INSTITUTE OF TECHNOLOGY AND SCIENCES..... has successfully

participated in Online Training Program on CATIA

held from 15-06-2020 to 27-06-2020

Dr. B. Nageswara Rao
Executive Director

Dr. Srikanth Arja, IRTS
MD & CEO

APSSDC
Skill Development Corporation
Government of Andhra Pradesh
Hyderabad



ANIL NEERUKONDA INSTITUTE OF TECHNOLOGY & SCIENCES (A)

DEPARTMENT OF MECHANICAL ENGINEERING

(Permanently Affiliated to Andhra University, AICTE, Accredited by NBA NAAC with 'A' Grade)
Sangivalasa-531162, Bheemunipatnam Mandal, Visakhapatnam Dt.
Phone 08933-225084, 226395

REPORT

Date: 27.06.2020

The Department has encouraged its students to register for value added courses which will have a bearing on their academic and professional skills. CATIA is an advanced software being predominantly used in Industry and Research organizations. Considering this aspect, a program on value-added course on "CATA" has been organised by the Department in on-line mode in association with Andhra Pradesh State Skill Development Corporation (APSSDC) during 15.06.2020 to 27.06.2020 (48 contact hours). A total of 74 Mechanical Engineering students have registered and successfully completed the course.

The program dealt with the nuances of CATIA software and its applications. The students were taught the basics of CATIA in the first few sessions followed by its applications to slightly advanced areas in the next sessions (The details are provided in the brochure). They were also simultaneously exposed to the use of software for simple applications.

The department has planned to arrange such programs in the future as well as it would improve the confidence of the students and also enhance their job opportunities.


Head of the Department

PROFESSOR & HEAD
Department of Mechanical Engineering
ANIL NEERUKONDA INSTITUTE OF TECHNOLOGY & SCIENCES
Sangivalasa-531 162 VISAKHAPATNAM Dist. A.P.



ANIL NEERUKONDA INSTITUTE OF TECHNOLOGY AND SCIENCES (A)
(Approved by AICTE, Affiliated to Andhra University & Accredited by NBA)

Sangivalasa-531 162, Bheemunipatnam Mandal, Visakhapatnam Dt.

Phone Nos: 08933 225083, 225084, 225087, 226131 Fax No 226395

Website : www.anits.edu.in

e-mail: principal@anits.edu.in



DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

CIRCULAR

Dt: 18-05-2020

We are planning to organize a value added course for 2/4 B.Tech. This is to inform all the 2nd years students that the student branch of CSI, ANITS, Region-V is conducting **Coding Classes on Data Structures and Algorithms** from 21st May 2020 to 19th June 2020 through Online Via Zoom by the students of 4/4 CSE. So, all the students are hereby informed to attend the classes to enhance their skills and learn the concepts useful for competitive programming.

EVENT NAME : Coding Classes on DSA

CLASSES FROM: 21st May 2020 to 19th June 2020

Class Links will be shared to respective class groups.

S. JOSHUA JOHNSON, Mrs. S.A. bhavani

ASST PROF,

CSI-COORDINATOR, Online course coordinator

Dr. R. SIVARANJANI

HOD, CSE
Head of the Department of
Computer Science & Engineering
Anil Neerukonda Institute of
Technology & Sciences
Sangivalasa, Visakhapatnam Dist

SYALLABUS FOR DSA				
S.NO	TOPIC	DATE	DURIATION	CO'S
1	Introduction to Linked List	21-05-20	1 HOUR	1
2	Linked List vs Array	22-05-20	1 HOUR	1
3	Linked List Insertion	23-05-20	1 HOUR	1
4	Linked List Deletion (Deleting a given key)	24-05-20	1 HOUR	1
5	Linked List Deletion (Deleting a key at given position)	25-05-20	1 HOUR	1
6	A Programmer's approach of looking at Array vs. Linked List	26-05-20	1 HOUR	1
7	Find Length of a Linked List (Iterative and Recursive)	27-05-20	1 HOUR	2
8	How to write C functions that modify head pointer of a Linked List?	28-05-20	1 HOUR	2
9	Swap nodes in a linked list without swapping data	29-05-20	1 HOUR	2
10	Reverse a linked list	30-05-20	1 HOUR	2
11	Merge two sorted linked lists	31-05-20	1 HOUR	3
12	Merge Sort for Linked Lists	01-06-20	1 HOUR	3
13	Reverse a Linked List in groups of given size	02-06-20	1 HOUR	3
14	Detect and Remove Loop in a Linked List	03-06-20	1 HOUR	3
15	Add two numbers represented by linked lists Set 1	04-06-20	1 HOUR	3
16	Rotate a Linked List	05-06-20	1 HOUR	3
17	Generic Linked List in C	06-06-20	1 HOUR	3
18	Introduction to Linked List	07-06-20	1 HOUR	3
19	Linked List vs Array	08-06-20	1 HOUR	3
20	Circular linked List Introduction and Applications,	09-06-20	1 HOUR	3
21	Circular Singly Linked List Insertion<	10-06-20	1 HOUR	3
22	Circular Linked List Traversal	11-06-20	1 HOUR	3
23	Split a Circular Linked List into two halves	12-06-20	1 HOUR	3
24	Sorted insert for circular linked list	13-06-20	1 HOUR	
25	Doubly Linked List Introduction and Insertion	14-06-20	1 HOUR	3
26	Delete a node in a Doubly Linked List	15-06-20	1 HOUR	3
27	Reverse a Doubly Linked List	16-06-20	1 HOUR	3
28	The Great Tree-List Recursion Problem.	17-06-20	1 HOUR	3
29	Quick Sort on Doubly Linked List	18-06-20	1 HOUR	3
30	Tournament Tree (Winner Tree) and Binary Heap	19-06-20	1 HOUR	4

Timings :

Daily one hour at 6pm

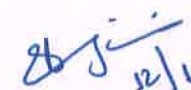
Mentors:

Mr. Surya Teja(316126510041),

Phone : 9014483250

Suvarna Raju Chevati(316126510008),

4/4 CSE-A,ANITS


 Head of the Department of
 Computer Science & Engineering
 Anil Neerukonda Institute of
 Technology & Sciences
 Sankhyalasa, Visakhapatnam

ATTENDANCE SHEET FOR DSA

S.NO	Name	Year	Attended or not
1	G pavan kalyan		2 Yes
2	Prathyusha		2 Yes
3	JSG Srikar		2 Yes
4	Maguluri Yaswanth		2 Yes
5	B.charitha		2 Yes
6	Diya Veyidhalmula		2 Yes
7	Yogindra		2 Yes
8			
9	Sai Chaitanya		2 Yes
10	Palivela hema		2 Yes
11	Manapuram Sai Santhosh Vardhan		2 No
12	Akhillesh tanneedi		2 Yes
13	NAKKA LIKHITHA		2 No
14	Ganesh Kumar Alamuri		2 Yes
15	K.vandana		2 Yes
16	M Lohitha		2 Yes
17	Budda Ramya		2 Yes
18	Mahankali jhansi		2 Yes
19	Mahankali jhansi		2 Yes
20	Sri Phani Mohith Reddy Vempada		2 Yes
21		Kavya Sri	2 Yes
22	Sai Rakesh		1 No
23	K snehakiran		2 Yes
24	Emandi Venkata konda Sharvani		2 No
25	D Mohan Manikanta Sai		2 Yes
26	Palla Nikhita		2 Yes
27	Rayaprolu Sai Sanjana		2 Yes
28	G sridiiva		2 Yes
29	VEESAM VENKATA LEEELA PRASAD		2 Yes

30	SIMMA LOKESH KUMAR		2	Yes
31	Nunela S N Swetha		2	Yes
32	P.Pranay Naidu		2	Yes
33	gameda kiran kumar		2	Yes
34	Dinesh Kumar Patrana		2	Yes
35	Sridevi Yamala		2	Yes
36	Aiswarya		2	Yes
37	Pydisetty Vennela		2	No
38	Teja		2	Yes
39	Rohitha		2	Yes
40	M. Bhargavi		2	Yes
41	Unkown		2	No
42	AYODHYA YASASWINI		2	Yes
43	B.Madhu Nitesh		2	Yes
44	B Bharathi Lakshmi		2	Yes
45	Dommeti Jagannadh Abhishhek		2	Yes
46	Tanojia k		2	Yes
47	L.yaswanthsai		2	Yes
48	M. Yaswanth		2	No
49	Jahnavi		2	Yes
50	Razha		2	Yes
51	M Sai teja		2	Yes
52	Pavan		2	Yes
53	R.Nagasai		2	Yes
54	Fouziya Farheen		2	Yes
55	Rakesh		2	Yes
56	K. Tharun tej		2	Yes
57	Saketh Varma		2	No
58	Ch. Sanjana		2	Yes
59	A.Harshini Lakshmi Durga		2	Yes
60	Madhu mita		2	Yes
61	P. Naga jyothi		2	No

62	Kilari Vandana		2	Yes
63	Kilari Vandana		2	Yes
64	Kilari Vandana		2	Yes
65	B Sri Harsha		2	Yes
66	Kalyan		2	No
67	James		2	Yes
68	James		2	Yes
69	K.ch. vyshnavi		2	Yes
70	L.Madhuvani		2	Yes
71	Aiswarya		2	Yes
72	KUSULURI PUSHKALA NAGA SINDI		2	Yes
73	KINTALI AJAY KUMAR		2	Yes
74	KODAMATI TARUN SAI		2	Yes
75	KONDURU PRINCE BHARATH		2	Yes
76	KUNDRAPU KRISHNA VENI		2	Yes
77	KUNTHURU MAHESWARA VENKAT		2	Yes
78	MADDINENI HRUDAY NANDAN		2	Yes
79	MADDEM SAI RAKESH		2	Yes
80	MANDA BHARGAVI		2	Yes
81	MARADANA TARUN KUMAR		2	Yes
82	MARELLA GOPI CHAND REDDY		2	Yes
83	MOHAMMAD HAFSA KURSHEED		2	Yes
84	MOHAMMED ABDUL RASHEED		2	Yes
85	MUDADILA SAI TEJA		2	Yes
86	MUSIDIPALLI NAMRATH VARDHAN		2	Yes
87	N LOKESH KANAKA SAI REDDY		2	Yes
88	NAKKA LIKHITHA		2	Yes
89	NIRUPAM KUMAR SASAPU		2	Yes
90	NOONELA DIVYA SAI AISWARYA		2	Yes
91	NUUNNA USHA SATWIKA		2	Yes
92	PACHIPENTA PRANAY NAIDU		2	Yes
93	PALAPARTHY VINESH		2	Yes



DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

**ANIL NEERUKONDA INSTITUTE OF
TECHNOLOGY & SCIENCES (A)**

(Affiliated to AU, Approved by AICTE, Accredited by NBA & Certified by NAAC with 'A' grade)
Sangivalasa- 531 162, Bheemuniapatnam Maandal, Visakhapatnam Dist. Andhra Pradesh, India.



CERTIFICATE OF PARTICIPATION

This Certificate is proudly presented to

J S G Srikar

for participating in a value-added course on coding classes on Data Structures and Algorithms organized by the Department of CSE, ANITS from 21st May 2020 to 19th June 2020.

Mr.S.Joshua Johnson,

Asst. Professor, CSE, ANITS

Dr.R.Sivaranjani

Head of Department of

Computer Science & Engineering

Anil Neerukonda Institute of
Technology & Sciences

Sangivalasa, Visakhapatnam Dist

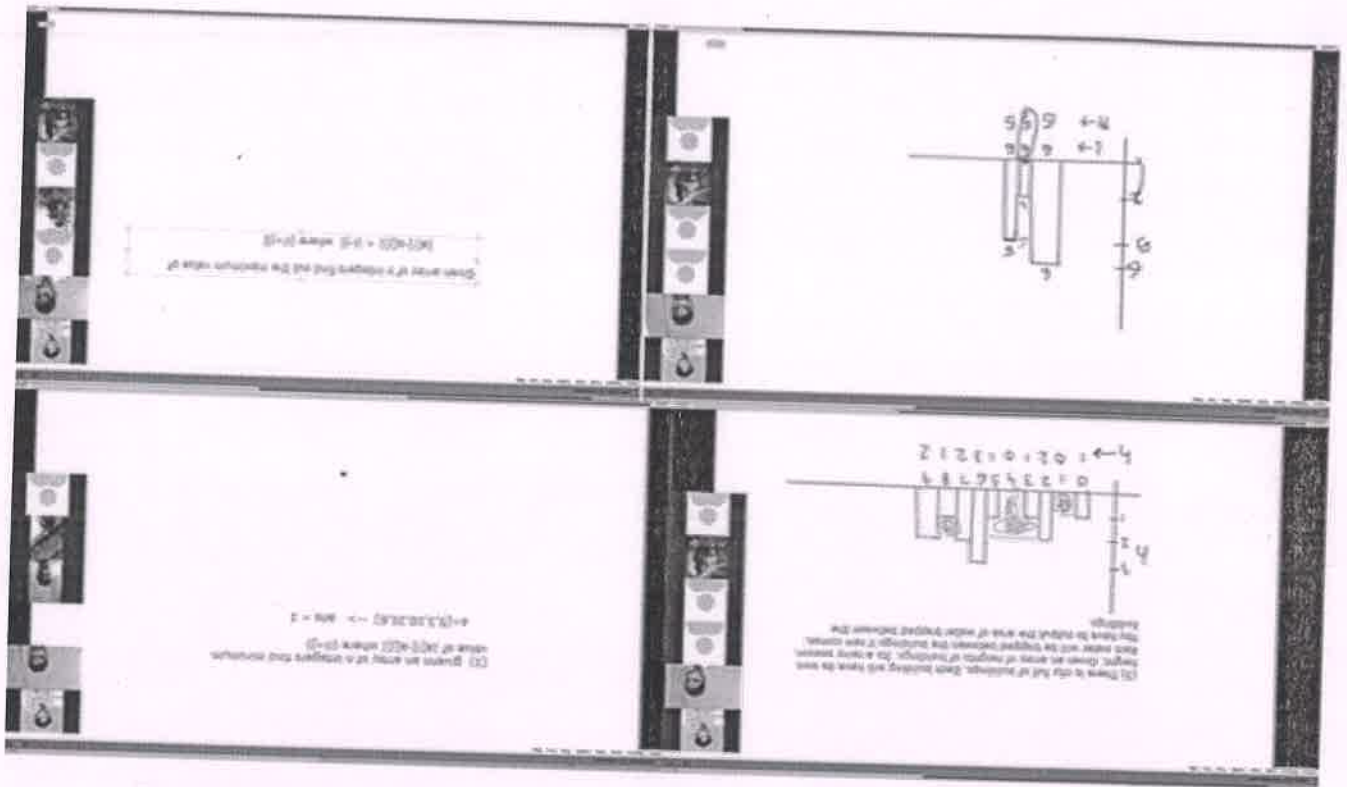
Dr.S.Bhavani,

Convenor

REPORT FOR ONLINE CODING DSA

The Department of CSE, ANIL NEERUKONDA INSTITUTE OF TECHNOLOGY AND SCIENCES(ANITS), Value added courses IN ASSOCIATION WITH CSI STUDENT CHAPTER, REGION-V has conducted ONLINE TRAINING SESSIONS for second year students during the lockdown period, in order not to break the learning chain of the students. The resource persons, Mr. Surya Teja(316126510041), Suvarna Raju Chevati(316126510008), of 4/4 CSE,ANITS has clarified in the meantime by the time second session has started in the second week. Nearly 100 members have participated in the Session. The sessions enhanced the knowledge of students and made them ready for different online coding classes, and competitions.

ANIL NEERUKONDA INSTITUTE OF TECHNOLOGY AND SCIENCES DEPARTMENT OF CSE-ANITS CSI STUDENT BRANCH ONLINE TRAINING SESSIONS FOR 2ND YEAR STUDENTS



Online course coordinator

HOD,CSE
[Signature]



ANIL NEERUKONDA INSTITUTE OF TECHNOLOGY AND SCIENCES (A)
(Approved by AICTE, Affiliated to Andhra University & Accredited by NBA)
Sangivalasa-531 162, Bheemunipatnam Mandal, Visakhapatnam Dt.
Phone Nos: 08933 225083, 225084, 225087, 226131 Fax No 226395
e-mail: principal@anits.edu.in
Website : www.anits.edu.in

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

CIRCULAR

Dt: 08-12-2020

We are planning to organize a value added course for 2/4 B.Tech students to do projects in Full Stack Development using -JS. This is to inform all the 2 year students series of online courses with the following schedule. So, all the students are hereby informed to attend the online courses and get benefited.

ONLINE COURSE ON: Full Stack Development using -JS

EVENT NAME : Full Stack Development using -JS

CLASSES FROM: 10th Dec –5th Jan2021

Resource Person : KALAIARASI, Assistant Professor in IARE

Class Links will be shared to respective class groups.

Mrs.S.A.Bhavani
Assistant Professor
Online course-coordinator

**Head of the Department of
Computer Science & Engineering
Anil Neerukonda Institute of
Technology & Sciences
Sangivalasa, Visakhapatnam Dist**


Structure of Value Added Course

Duration	Theory Periods	Practical Periods	Total Periods	No Of students	
30 hours	22	8	30	100	

Learning outcomes:

- Structure and implement HTML/CSS.
- Apply intermediate and advanced web development practices.
- Implement basic JavaScript.
- Create visualizations in accordance with UI/UX theories.
- Develop a fully functioning website and deploy on a web server.

S.NO	TOPIC	DURIATION	CO'S
	Introduction to Web Technologies, Introduction to web engineering, Setting up local environment,	2	1
1	Introduction to HTML, HTML Elements and attributes, List, Tables, forms, HTML Iframes, HTML Layout,	2hours	1
2	HTML Semantics, Styling an HTML Web page, Precedence in styling,	2hours	1
3	CSS Selectors, Box Model, Inspect Element, Display, Position,	2hours	1
4	Overview of CSS- Responsive, GRID, Sass.	2hours	1
5	Bootstrap Introduction to web design from an evolutionary perspective, user interface design through bootstrap,	1hour	2
6	containers, tables, jumbotrons, list, cards, carousal,	2 hour	2
	navigation, modals, flex and forms,	2 hours	2
7	navigation, modals, flex and forms, responsive web page design, basic UI grid structure	2hours	3
8	PRACTICAL	2hours	
9	PRACTICAL	2hours	3
10	PRACTICAL	2hours	3
11	Introduction to JS, Variables and operators,	1hour	3
12	JS-Conditional, Loops, Set, Maps,	1hour	3
13	RegExp, Hoisting, JSON, Functions,	1hours	3
14	Objects and classes, Arrays, Strings, ECMA Script Standardization,	1hour	3
15	Essential ES6 changes, AJAX	1HOUR	
15	PRACTICAL	1 HOUR	3
16	PRACTICAL	1 HOUR	3


 Head of the Department of
 Computer Science & Engineering
 Anil Neerukonda Institute of
 Technology & Sciences
 Sankhvalasa, Visakhapatnam

SA

FULL STACK DEVELOPMENT - Using JS REPORT

The students of 2/4 CSE-A,B & C have participated in the full stack training program, which guided them regarding the full stack development ,web technologies and students have clearly understood about the web technologies and clarified there doubts. The session was conducted for 30 hours. Around 1000 students attended the event and were benefited.

FULL STACK WORKSHOP:

Topics:

- 1.Introduction to html
- 2.Introduction and basics of css
- 3.Introduction to bootstrap 3
- 4.Introduction to databases(sql,xap tool)
- 5.Introduction to web hosting(firebase website)
- 6.introduction to php
- 7.Introduction to react js

INTRODUCTION TO HTML:

HTML stands for HyperText Markup Language. It is used to design web pages using a markup language. HTML is the combination of Hypertext and Markup language. Hypertext defines the link between web pages. A markup language is used to define the text document within the tag which defines the structure of web pages.

This is the basic template or barebone structure of HTML.

Boilerplate

```
&lt;!DOCTYPE html&gt;
```

```
&lt;html lang=&quot;en&quot;&gt;
```

```
&lt;head&gt;
```

```
&lt;meta charset=&quot;UTF-8&quot;&gt;
```

<title>Document</title>;

</head>;

<body>;

<!-- Body -->;

</body>;

</html>;

Container

Container tags are the tags that contain some data such as text, image, etc. There are several container tags in HTML.

div tag

div tag or division tag is used to make blocks or divisions in the document.

eg: <div> This is div block </div>;

span tag

span is a container for inline content

eg: This is span block ;

p tag

Paragraph

eg: <p> This is a paragraph </p>;

pre tag

pre tag represents pre-formatted text

eg: <pre> Hello World </pre>;

BSA


Head of the Department of
Computer Science & Engineering
Anil Neerukonda Institute of
Technology & Sciences
Sankovalasa, Visakhapatnam

KALAIARASI

OBJECTIVE Highly skilled Information technology professional Having extensive experience and passion for building interactive experiences and proactive problem solving, adept knowledge of Object-Oriented JavaScript, Angular, React js, Latest JS libraries, Backbone CSS, and semantic HTML, worked for the position of Front-end Developer.

EXPERIENCE

- Assistant Professor in IARE
From 3rd Aug 2020 to till date
- UI Developer in NA technologies
 - From 9th Dec 2019 to 31st July 2020
- E-Commerce application Developer in Lajpat Rai Khanna
 - From 3rd Dec 2018 to 18th Nov 2019
- Web Application Developer in Laroze Multiservice
 - From 14th Nov 2017 to 6th Nov 2018
- Front end developer in iCliq Technologies India Pvt. LTD
 - From 25th April 2017 to 31st Oct 2017
- Project Manager- Junior Executive in Spi Technologies Pvt Ltd
 - From 12th Oct 2016 to 22nd Apr 2017
- iOS App Developer in Xlab Technologies
 - From 05th Oct 2015 to 31st Sep 2016
- Administrator & Web Designer at Cloud to Cloud Solutions
 - From 06th Feb 2015 to 30th Jun 2015.
- Technical Trainer at Navayuga Consultancy and Computer Education
 - From 01st Oct 2011 to 31st May 2012
- Lecturer at Rajiv Gandhi College of Engineering and Technology, Puducherry
 - From 24th Sep 2007 to 31st Jul 2011

**ACADEMIC
QUALIFICATION**

- PG**
- DEGREE : M.Tech(CSE) with 8.45 CGPA
 - INSTITUTION : SMVEC - Puduchery (2012-2014)
- UG**
- DEGREE : B.Tech(CSE) with 64.5%
 - INSTITUTION : IARE - Hyderabad (2003-2007)

INTERMEDIATE

- Percentage : 83%
- INSTITUTION : NJC - Hyderabad

SSLC

- Percentage : 80%
 - INSTITUTION : DR.S.ZMHS – Hyderabad
-

SKILLS AND JOB ROLE

- Writing Web Application code with programming languages such as HTML, C++, Java, PHP5, JavaScript, CSS3, HTML5, Angular5,6, 7, 8, 9, 10 Bootstrap3. Another skills Objective-C, Swift, MATLAB, jQuery and React JS.
 - Capable of writing algorithm and develop system design using UML.
 - Angular Material design, Typescript and Firebase (firestone collections) and Php Laravel.
 - Determining the structure and design of web pages.
 - Ensuring user experience determines design choices.
 - Developing features to enhance the user experience.
 - Striking a balance between functional and aesthetic design.
 - Ensuring web design is optimized for smartphones.
 - Building reusable code for future use.
 - Optimizing web pages for maximum speed and scalability.
 - Maintaining brand consistency throughout the design.
 - Working with clients to develop the overall look and design of a website
 - Producing, maintaining, and modifying websites and user interfaces
 - Incorporating applications, graphics, audio, and video clips into client websites
 - Creating tools that enhance the user's website experience
 - Ensuring websites are accessible across many platforms, including laptops and smartphones
 - Routinely testing websites for ease of use, speed, and other quality factors
 - Fixing any website issues or bugs that arise
-

TECHNICAL SKILLS

- MS Word, MS Excel, MS PowerPoint

-
- PROJECT WORKED
- Worked on Design (HTML5, Bootstrap, JavaScript and CSS3):3.6 yrs.
 - Tours and Travels-3
 - School Websites-1
 - Hotel Management-2
 - Worked on iOS Apps-1 yr
 - Worked on Design for Web-1yr Applications, Job boards, CRM and ERP.
 - Worked on- 1yr ecommerce web application using firebase as the DB management.
 - Worked as Project Lead and as well as Team Lead handling a team of 5 to 10 in react js- yr
 - Worked on IoT Project using Angular-6 months
 - Worked on Food Delivery App in react js- months
 - Worked on log capturing using Angular-4months

-
- SKILLS
- Proficiency in website programming languages such as HTML, C#, CSS, Python, C++ and JavaScript
 - Understanding of key website design principles and SEO optimization
 - Ability to use client input to create functional, creative, and user-friendly webpages
 - Ability to test and debug websites
 - Analytical and detail-oriented
 - Excellent verbal and written communication skills
 - Advanced problem-solving skills
 - Observant and able to remain focused on tasks for long periods of time
 - Team Player

-
- HOBBIES
- Singing
 - Painting

-
- PERSONAL DETAILS
- Languages Known: To Write - English, Hindi
To Read - English, Hindi
To Speak - English, Hindi, Telugu, And Tamil

- Address: 139, No 6 St, Western Hills, Jal Vayu Vihar, Kukatpally, Hyderabad, Telangana 500085

DATE : 16 Aug 2021

PLACE : Hyderabad, India

Signature

kalaiarasi


Head of the Department of
Computer Science & Engineering
Anil Neerukonda Institute of
Technology & Sciences
Sangivalasa, Visakhapatnam Dist



ANIL NEERUKONDA INSTITUTE OF TECHNOLOGY AND SCIENCES (A)
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Website : www.anits.edu.in

e-mail: principal@anits.edu.in

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

CIRCULAR

Dt: 15-02-2021

We are planning to organize a value added course for 4/4 B.Tech students to do projects in cloud. This is to inform all the IV year students series of online courses with the following schedule. So, all the students are hereby informed to attend the online courses and get benefited.

ONLINE COURSE ON: CLOUD COMPUTING-

EVENT NAME : CLOUD COMPUTING

CLASSES FROM: 15th Feb – 10th March 2021

Resource Person : M.Sai Prasanth, Tech Mahindra, Hyderabad.

Class Links will be shared to respective class groups.

Mrs.S.A.Bhavani
ASST PROF,
Online course-coordinator

Dr. R. SIVARANJANI
HOD, CSE

**Head of the Department of
Computer Science & Engineering
Anil Neerukonda Institute of
Technology & Sciences
Sangivalasa, Visakhapatnam Dist**

Structure of Value Added Course

Duration	Theory Periods	Practical Periods	Total Periods	No Of students
30 hours	15	15	30	120

Learning outcomes:

1. To study concepts of cloud computing.
2. To study services of cloud computing.

S.NO	TOPIC	DURATION	CO'S
1	Introduction, History of Cloud Computing	2hours	1
2	Types of Cloud Computing	2hours	1
3	Features of cloud Computing, -Private, Public & Hybrid,	2hours	1
4	Practical section	2hours	1
5	Cloud Computing Services (5) SaaS (Software as a Service),	1hour	2
6	PaaS (Platform as a Service) , IaaS (Infrastructure as a Service) ,IDaaS (Identity as a Service)	2 hour	2
	practical	2 hours	2
7	Comparison of various cloud computing	2hours	3
8	To search cloud. Service.	2hours	
9	2. To identify types of cloud	2hours	3
10	3. To create a cloud	2hours	3
11	4. To Identify and use Cloud Service SaaS.	1hour	3
12	5. To Identify and use Cloud Service PaaS.	1hour	3
13	6. To Identify and use Cloud Service IaaS.	1hours	3
14	7. To Identify and use Cloud Service IDaaS.	1hour	3
15	8. To manage a cloud		
15	9. Case Study on Software as a Service.	2HOUR	3
16	10. Case Study on Platform as a Service.	2HOUR	3

BSA


 Head of the Department of
 Computer Science & Engineering
 Anil Neerukonda Institute of
 Technology & Sciences
 Sangivalasa, Visakhapatnam Dist

Anil Neerukonda Institute of Technology & Sciences (Autonomous)

DEPT OF COMPUTER SCIENCE AND ENGINEERING

ATTENDANCE SHEET FOR SOFTWARE TOOLS AND METHODOLOGIES

S.NO	Enter Your Name	Designation	Branch	Email	College Name	Mobile Number (prefer whatsapp number)
1	jagadish gurrala	Assistant Professor	CSE	gjagadish.cse@anits.edu.in	Anil neerukonda institute of technology and sciences	9441345914
2	Dinesh Somaraju	Student	CSE	dinesh99639@gmail.com	Anil Neerukonda Institute of Technology and Sciences	08106313275
3	Oruganti Naga Sandeep	Student	CSE	sandeeporuganti01@gmail.com	Anil Neerukonda Institute of Technology and Sciences	7013582732
4	Mohammed Hafsha Firdous	Student	CSE	hafsha03@gmail.com	Anil Neerukonda Institute of Technology and Sciences	8919436364
5	B Siva Jyothi	Assistant Professor	CSE	sivajyothi.cse@anits.edu.in	ANITS	9032992384
6	Sivaranjani	Professor	Cse	sivaranjani.cse@anits.edu.in	ANITS	9642022170
7	G NIKHIL	Student	Cse	gangereddulanikhil@gmail.com	ANIL NEERUKONDA INSTITUTE OF TECHNOLOGY AND SCIENCE	7842670862
8	Kumar Reddy Neelapu	Student	CSE	kumarreddy.nkr@gmail.com	ANITS	+919515703635
9	Sai Pavan sekhar	Student	Cse	K.pavansa900@gmail.com	Anits	9640236407
10	Lohith mothika	Student	Cse	lohith60m@gmail.com	Anits	8074454312
11	Kakara Deepthi	Student	CSE	deepthikakara6@gmail.com	Anil Neerukonda Institute Of Technology and science	7989287144
12	Vakada Mohan Sai Vamsi	Student	ECE	vakadavamsi@gmail.com	ANITS	8523012323
13	Kapuganti Manoj	Student	CSE	manojkapuganti1234@gmail.com	Anil neerukonda institute of technology and sciences	9121659529
14	Pedada Saraswathi	Assistant Professor	CSE	psaraswathi106@gmail.com	GITAM (Deemed to be University)	8500962448
15	Patruni Muralidhara Rao	Lecturer	CSE	patrunimuralidhar@gmail.com	Vellore Institute of Technology	9848097413
16	B. Jyothirmayi	Student	CSE	Jyothirmayibodasakurti01@gmail.com	Anits	9100684679
17	GULLAPALLI SATHAR	Assistant Professor	CSE	sathar9000@gmail.com	ANITS	9000451770
18	Lalam Jyothi swaroop	Student	CSE	swaroop.17.cse@anits.edu.in	Anits	8106834221
19	Podugu Manikanta	Student	CSE	manikantprss@gmail.com	Anil neerukonda institute of technology and science	9848925411
20	V BALU VEEREN	Student	Computer science	baluveeren@gmail.com	Anil Neerukonda Institute of engineering and technology	+919100317190
21	B Surya Pratibha	Student	Computer science	suryapratibhab1999@gmail.com	Anil Neerukonda Institute of Technology and Sciences	8500461968
22	Mudunuru tharun vishnu varma	Student	Cse	Mtvishnuvarma.16.cse@anits.edu.in	Anits	9515475038
23	Jyothi Bishoyi	Student	Cse	Jyothib.17.cse@anits.edu.in	Anil neerukonda institute of technology and sciences	9381093178
24	Gorsa Sai Leela Sushma	Student	CSE	sushma.17.cse@anits.edu.in	Anil Neerukonda Institute Of Technology and Sciences	9705356556

25	J Sai Ganesh Srikar	Student	CSE	srkarsteyn100@gmail.com	Anil Neerukonda Institute of Technology and Sciences	6303743129
26	Karanam Jahnavi	Student	CSE	karanamjahnavi210@gmail.com	Anil Neerukonda Institute of Technology and Sciences	7993798464
27	Ronanki Chaitanya	Student	CSE	chaitanyaronanki1999@gmail.com	ANITS	7095916229
28	Maddula Venkata Naga Sowmya	Student	CSE	mvnagasowmya.16.cse@anits.edu.in	ANITS	9490267790
29	Pattam Naveen Venkata Siva Sai	Student	CSE	sainaveen1000@gmail.com	Anil neerukonda institute of technology and sciences	9885813222
30	RAVI RAVVA	Assistant Professor	CSE	ravi4345@gmail.com	Vignans Institute of Engineering for Women	9491909937
31	Gangarapu Sammistanjali	Student	CSE	sammistanjali.17.cse@anits.edu.in	Anil Neerukonda Institute of Technology and Sciences	7981672293
32	Aditya Adida	Student	CSE	adityaadida369@gmail.com	ANITS	9490485139
33	Shaik Ameen	Student	CSE	ameen.shaik1998@gmail.com	Anil Neerukonda Institute of Technology and Sciences	7095387187
34	Vangapandu Vinodhini	Student	CSE	vinodhini.17.cse@anits.edu.in	Anil Neerukonda Institute of Technology & Sciences	8317674427
35	Gayatri Pennetsa	Student	Computer science	gayatribhannu98@gmail.com	Anil Neerukonda Institute of Technology and Sciences	9160561899
36	Gnanasri sunkara	Student	Cse	charishma1919@gmail.com	Anil neerukonda institute of technology and science	9014998933
37	Monika Krishna Muddana	Student	CSE	monikakrishna527@gmail.com	Anil Neerukonda Institute of Technology and Sciences	9182387977
38	geetha nalini rajagiri	Student	cse	geetha19199@gmail.com	anits	7075351879
39	PITTHANI RAKESH	Student	CSE	pithanirakesh@gmail.com	Anil Neerukonda Institute of Technology and Science	8309792297
40	Lalam yaswanthsai	Student	Cse	yaswanthsailalam@gmail.com	Anil neerukonda institute of technology and sciences	9121511764
41	Ravi Gorli	Assistant Professor	IT	ravi.it@anits.edu.in	Anil Neerukonda Institute of Technology and Sciences	8790224666
42	G V Gayathri	Assistant Professor	CSE	gayathri.ganivada@gmail.com	ANITS	9908216500
43	V. Annapoorna	Assistant Professor	IT	vannapoorna.it@anits.edu.in	Anil Neerukonda Institute of Technology and Sciences	9885360144
44	Vennuri Sai Manohar	Student	CSE	saimanoharvenmuri333@gmail.com	SRKR Engineering College	7659911722
45	Varanasi Usha Bala	Assistant Professor	CSE	ushabala.cse@anits.edu.in	ANIL NEERUKONDA INSTITUTE OF TECHNOLOGY AND SCIENCES	9985121756
46	Lokeswari Nambaru	Assistant Professor	CSE	lokeswari.cse@anits.edu.in	Anil Neerukonda Institute of Technology & Sciences	9010563638
47	KOTLA UDAY KUMAR	Student	CSE	udaykumarkotla01@gmail.com	ANITS	9347135012
48	Rushitha Potnuru	Student	Cse	rushitha7g17299@gmail.com	Anil Neerukonda Institute of Technology and Sciences	8247457690
49	Ponnada MAHDHAR	Student	Computer science	mahidharponnada@gmail.com	Andhra university college of engineering	9966283388
50	Dr.kurumalla Suresh	Assistant Professor	CSE	kurumallasuresh@gmail.com	ANITS	9951415559

51	Sheema Patro	Student	CSE	sheemapatro24@gmail.com	Anil Neerukonda Institute Of Technology and Sciences	9963280556
52	Priyanka	Student	Cse	priyankavangapandu28@gmail.com	Gayatri vidhya parishad college of engineering	9182034134
53	K.SELVANI DEEPTHI	Associate Professor	CSE	selvamidepti14@gmail.com	ANIL NEERUKONDA INSTITUTE OF TECHNOLOGY AND SCIENCES	9440187827
54	KANDA CHANDUSHA	Assistant Professor	IT	kandachandusha@gmail.com	Anil neerukonda institute of technology and sciences	9949228345
55	S.S.N.L.Priyanka	Assistant Professor	CSE	priyanka.cse@anits.edu.in	ANITS	9652266927
56	Aakanksha sreeram	Student	Cse	aakankshasreeram3266@gmail.com	Anil neerukonda institute of technology and sciences	7993665367
57	Sai Guna Sekhar Duba	Student	CSE	d.saigunasekhar@gmail.com	Anil Neerukonda Institute of Technology and Sciences	9182667820
58	Shaik Sai Sushma	Student	cse	sushmasai.honey@gmail.com	Anil Neerukonda Institute Of Technology and Sciences	9505016161
59	kavita	Student	CSE	p.kavitha342@GMAIL.COM	sasi institute of engineering & technology	8610082944
60	L.alam yaswanthsai	Student	Cse	yaswanthsaialam@gmail.com	Anil neerukonda institute of technology and Sciences	9121511764
61	Manyala vignesh	Student	CSE	gani26.sri@gmail.com	ANITS	09652660399
62	Ch Venkata Krishna reddy	Student	CSE	krishnareddychittela@gmail.com	Anil neerukonda institute of technology and sciences	9121076624
63	Siddamreddy ranga reddy	Student	CSE	srr66166@gmail.com	Anil neerukonda institute of technology	9908126054
64	Rayaprolu sai sanjana	Student	computer science	sanjanarayaprolu2001@gmail.com	Anil neerukonda institute of technology and sciences	6304315650
65	Dr.K.Sharada	Associate Professor	IT	sharada.it@anits.edu.in	ANITS	9490109900
66	BOLEM POORNA RAMA SATYA CHANDU	Student	CSE	satyachandub1999@gmail.com	ANIL NEERUKONDA INSTITUTE OF TECHNOLOGY & SCIENCES	9493456243
67	Cherukuri Shivani	Student	CSE	chshivani.17.cse@anits.edu.in	Anil Neerukonda Institute of Technology and Sciences	7330853676
68	Raga Ranjitha Boddeti	Student	CSE	ragaranjitha99@gmail.com	Anil Neerukonda Institute Of Technology And Sciences	7997164309
69	Sushma Sree Tummalapalli	Student	CSE	sushma152000@gmail.com	Anil Neerukonda Institute Of Technology And Sciences	08056533619
70	G S PRIYA	Student	Computer science	priyasneha.ps31@gmail.com	Anil Neerukonda Institute of science and technology	9703496463
71	Murali Krishna Vasantha	Assistant Professor	CSE	muralivasantha144@gmail.com	Avanathi institute of engineering and techonology	8639576050
72	SIRIKI ATCHUTA BHAVANI	Assistant Professor	CSE	sabhavani.cse@anits.edu.in	ANIL NEERUKONDA INSTITUTE OF TECHNOLOGY AND SCIENCES	9441969454
73	Mediboina Roshan Raghunadh	Student	Cse	mediroshan@gmail.com	Anil neerukonda institute of technology and sciences	8919728347
74	Amaravathi Kaviti	Assistant Professor	CSE	amaravathikaviti@gmail.com	Anil Neerukonda Institute of technology and Sciences	9493277988
75	Neelapu Sai Chaitanya Reddy	Student	CSE	nchaitanya.18.cse@anits.edu.in	Anil Neerukonda Institute of Technology and Sciences	8500928956

76	Konchada Sneha Kiran	Student	CSE	ksnehakiran.18.cse@anits.edu.in	Anil Neerukonda Institute of Technology and Sciences	9000343908
77	S. JOSHUA JOHNSON	Assistant Professor	CSE	joshua.cse@anits.edu.in	ANIL NEERUKONDA INSTITUTE OF TECHNOLOGY AND SCIENCES	9573382650
78	V.Suresh	Assistant Professor	IT	vayasisesuresh@gmail.com	ANITS	9912880364
79	V.Krishna Chaitanya	Student	CSE	vkchaitanya1805@gmail.com	Anil Neerukonda Institute of Technology and Sciences	8978872189
80	G santoshi	Assistant Professor	Cse	gsanthoshi.cse@anits.edu.in	Anits	8500925079
81	Chandrashekhar	Student	CSE	Crndnaidub9@gmail.com	ANITS	09987033774
82	u.v.harish	Student	cse	vharish4859@gmail.com	anits	8074364797
83	Jyothi priya sureddi	Student	Cse	jpriyothiriyasureddi@gmail.com	ANITS	8985129566
84	PITTHANI RAKESH	Student	Cse	pithanirakesh@gmail.com	Anil Neerukonda Institute of technology and science	8309792297
85	Dantluri viswamohan	Student	CSE	viswamohan02@gmail.com	Anil Neerukonda Institute of Technology and science	8106064860
86	V. AmulyaHarika	Student	CSE	vamulyaharika.119.cse@anits.edu.in	Anil nerukonda institute of technology and sciences	7093742112
87	Gori Sridiyya	Student	CSE	2001sridiyyaG@gmail.com	Anil neerukonda institute of technology and science	8247030122
88	Vineela	Student	Computer science	yelisettyvineela@gmail.com	Anil neerukonda institute of technology and sciences	+917207261797
89	Sreemayee Vuppala	Student	CSE	sreemayee15062001@gmail.com	Anil Neerukonda Institute of Technology and Sciences	9059725707
90	Ganesh Kumar Alamuri	Student	CSE	alamuriganeshkumar@gmail.com	Anil Neerukonda Institute of Technology and Science	9398729624
91	seshu kalli	Student	Cse	seshudattekalli123@gmail.com	ANITS	8500870258
92	Prasad Kavith	Assistant Professor	CSE	prasad.cse@anits.edu.in	ANITS	7842898485
93	kirana Kumar	Student	cse	kirana09082001@gmail.com	anits	6302792963
94	S V S S LAKSHMI	Assistant Professor	CSE	lakshmi.cse@anits.edu.in	ANITS	9505855845
95	Divyateja Motamari	Student	Cse	motamarrdivyateja@gmail.com	Anits	7032561048
96	A Straddha Ananya	Student	IT	atyamsraddhaananya2000@gmail.com	Anits	8186918918
97	NISMON RIO R	Assistant Professor	COMPUTER SCIENCE	nismontioc@gmail.com	CHRIST(DEEMED TO BE UNIVERSITY)	9003310312
98	Jaswanth Jerripothula	Student	CSE	jaswanthjerripothula00@gmail.com	M.s. ramaiah university of applied sciences	7997117198
99	EPPILI VISWA TEJA	Student	Mechanical	eppilivinay22061998@gmail.com	ANITS	9298005013
100	vineela yelisetty	Student	CSE	yelisettyvineela@gmail.com	ANITS	7207261797
101	Yamini Krishna Damarla	Student	CSE	yaminidamarla369@gmail.com	ANITS	08464880592
102	PATHARAPALLI SAI RAJU	Student	EEE	patharapallisrinu04@gmail.com	GAYATRI VIDYAPARISHAD COLLEGE OF ENGINEERING	80966535668
103	V.Krishna Chaitanya	Student	CSE	vkchaitanya1805@gmail.com	Anil Neerukonda Institute of Technology and Sciences	8978872189
104	ragav	Student	IT	vendan.m@outlook.com	anna university	9171972336
105	varunsagaar.s@gmail.com	Student	B.E Automotive engineering	varunsagaar.s@gmail.com	Hindusthan College	9944382721

106	Gurpreet Singh Bhamra	Assistant Professor	Department of Computer Science and Applications	gurpreet.bhamra@crsu.ac.in	Chaudhary Ranbir Singh University	9813220976
107	Nisarg Gandhewar	Assistant Professor	Cse	nisarg.gandhewar@gmail.com	SBJITMR Nagpur ANITS	9730534284
108	G V ESWARA RAO	Assistant Professor	CSE	eshwar.cse@anits.edu.in		8333961961
109	Christina Preethi	Student	CSE	christina.ncp@gmail.com		9493733341
110	Vinay chaduvula	Student	Computer science	chvinay.17.cse@anits.edu.in	Anil Neerukonda Institute of Technology and Sciences	9121541512
111	Abhisek Patra	Student	CSE	abhisekpatra920@gmail.com	National Institute of Science And Technology	9777641949
112	Deepika Gonnabattula	Student	CSE	deepikagonnabattula111@gmail.com	Anil Neerukonda Institute of Technology and Sciences	8096777161
113	B. Bharathi Lakshmi	Student	CSE	bharathilakshmi.baddi@gmail.com	ANITS	6303474448
114	R.VENKATARAMANA	Student	CSE	ramana.btech2020@gmail.com	AVANTHI'S ST.THERESA INSTITUTE OF ENGINEERING AND TECHNOLOGY	09985464704
115	Manishagajapalli	Student	CSE	manishagajapalli9205@gmail.com	Avanthi 's st theresa institute of engineering and technology	6300267163
116	Balajee J	Student	School of Information Technology and Engineering	jbballa@gmail.com	Vellore Institute of Technology	9629151024
117	B.Meena	Associate Professor	CSE	vinaymeena@gmail.com	Raghu Engineering College	9581630915
118	Pullela sravanthi	Student	CSE	Sravanthipullela15@gmail.com	Avanthi 's st theresa institute of engineering and technology	8367415158
119	Rama Devi Gude	Assistant Professor	CSE	ramaravi.652@gmail.com	Avanthi's st. Theresa institute of engineering & technology	8106654124
120	Sunita	Assistant Professor	Computer Science	sunitamodicollege@gmail.com	MULTANI MAL MODI COLLEGE, PATIALA, (PUNJAB)	8146456230
121	Samhitha Palacharia	Student	CSE	samhithapalacharla@gmail.com	Anil Neerukonda Institute Of Technology And Sciences	9701845944
122	Sunita	Assistant Professor	COMPUTER SCIENCE	sunitamodicollege@gmail.com	MULTANI MAL MODI COLLEGE, PATIALA	8146456230
123	Mohammad Abdul Sofia Aman	Student	CSE	aman.sofia20@gmail.com	Avanthi institute of engineering and technology	9110351309
124	Satya Kalyani Nakka	Student	CSE	nskalyani.18.cse@anits.edu.in	Anits	7995106475
125	Manishagajapalli	Student	CSE	manishagajapalli9205@gmail.com	Avanthi 's st theresa of emngerning and technology	6300267163
126	Malla.likhitha	Student	Computer science	Likhitamalla778@gmail.com	Avanthi's st. Theresa institute of engineering and technology	9347525986
127	KARTIKEYA GUPTA	Student	CSE	kartikeyagupta1409@gmail.com	KIET GROUP OF INSTITUTIONS	6399905969
128	Mounika	Student	CSE	mounikaadarti123@gmail.com	ANIL NEERUKONDA INSTITUTE OF TECHNOLOGY AND SCIENCES	8919497003

129	Adari Mounika Satya Lakshmi	Student	CSE	mounikaadari123@gmail.com	ANIL NEERUKONDA INSTITUTE OF TECHNOLOGY AND SCIENCES	8919497003
130	Nikhila somyana	Student	EEE	nikkichinna11@gmail.com	Anil Neerukonda institute of technology and sciences	8106268249
131	Shrisha Dhannini	Student	EEE	shrishajai@gmail.com	Anil neerukonda institute of sciences and technology	9100125195
132	Thanuja Nulu	Student	EEE	tanu7651@gmail.com	Anil neerukonda institute of technology and sciences	7981929815
133	Kona Hari Sai Krishna	Student	EEE	harikona9999@gmail.com	Anil Neerukonda Institute of Engineering and Technology	8790931332
134	Allada Harshini Lakshmi Durga	Student	CSE	harshinialada14@gmail.com	Anil Neerukonda Institute Of Technology And Science	9440507230
135	Dasari Mohan Manikanta Sai	Student	CSE	sai300501@gmail.com	Anil Neerukonda institute of technology and sciences	9515061217
136	Maddipudi Sudepthi Swathi	Student	CSE	sudepthi152@gmail.com	Anil Neerukonda Institute of Technology and Sciences	7893374795
137	SAKSHI	Student	CSE	sakshi@chitkara.edu.in	Chitkara university	8288071117
138	S.HEMA NAGA VALLI	Lecturer	MATHEMA TICS	hnvalli.sing@gmail.com	AANM & VVRSR POLYTECHNIC	8331088705
139	ANITHA TEEDA	Assistant Professor	CSE	anitha.cse@anis.edu.in	ANIL NEERUKONDA INSTITUTE OF TECHNOLOGY & SCIENCES	7799123311
140	Siripurapu Reshmabhannu	Student	CSE	bhannu1552@gmail.com	JNTUK-UCEV, VIZIANAGARAM	9502993924
141	Noopur Goel	Assistant Professor	Computer Applications	noopur11@gmail.com	VB'S Purvanchal University, Jaunpur	9956816786
142	SEVA PRADEEP	Student	Computer science	Sevapradeep49@gmail.com	ANITS	9494218701
143	G.Ganga bhavani	Student	Cse	bhavanisindhu07@gmail.com	Avanti clg	6300399173
144	G.Ganga bhavani	Student	Cse	bhavanisindhu07@gmail.com	Avanti clg	6300399173
145	Jaswanth Jerripothula	Student	CSE	jaswanthjerripothula00@gmail.com	M.s. ramaiah university of applied sciences	7997117198
146	MALLA RAMAKRISHNA MURTY	Professor	CSE	ramakrishna.malla@gmail.com	ANITS	08341831081
147	POLAVARAPU VANITHA SRI	Assistant Professor	IT	polavarapu888@gmail.com	Vignans Institute of Engineering for Women	8498876644
148	Sridevi Bonthu	Assistant Professor	CSE	sridevi.b@vishnu.edu.in	Vishnu Institute of Technology	+919885880382
149	Sammangi Alekya	Student	CSE	alekya.sammangiz48@gmail.com	Anil neerukonda Institute of technology and science	7013889531
150	V.Krishna Chaitanya	Student	CSE	vkchaitanya1805@gmail.com	Anil Neerukonda Institute of Technology and Sciences	8978872189
151	Stravanthi pullela	Student	Cse	Stravanthipullela15@gmail.com	Avanthi s st theresa institute of emgering and technology	8367415158
152	Greetanjali karbadi	Student	CSE	geetuk_2001@gmail.com	Anits	9381573887
153	Meghana golajapu	Student	Cse	meghana.golajapu1999@gmail.com	Avanthi's St Therese institute of engineering and technology	7975071681

154	Kankipati Sowjanya	Student	CSE	kankipatisowji@gmail.com	Avanathi st.theressa engineering College	7093962027
155	Shashank Kirti	Student	Statistics	shashank_stats@gmail.com	University of Lucknow	9455280876
156	Mamta Bisht	Student	ECE	bishtmamta29@gmail.com	Jaypee Institute of Information and Technology, Noida	8750622607
157	Haritha	Student	Computer science	madugulaharitha@gmail.com	Avanathi st.theressa	8555883473
158	jahnnavi Vuyyuri	Student	Cse	jahnnavivuyyuri12@gmail.com	Anil neerukonda institute of technology	8639714419
159	Bhargavi dunga	Student	CSE	bhargavisri222@gmail.com	Avanathi	7386205904
160	EPPIJI VISWA TEJA	Student	ECE	viswatejaeppli@gmail.com	Chaitanya engineering college	8919940631
161	Richa Gupta	Associate Professor	2003	richa.gupta@jiit.ac.in	Jiit Noida	9711304116
162	G santoshi	Assistant Professor	Cse	gsanthoshi.cse@anits.edu.in	Anits	8500925079
163	Surendra Talari	Assistant Professor	Mathematics	Surendra.bw@gmail.com	GITAM University	9985873806
164	Desetti sai monika	Student	Cse	Monidesetti0301@gmail.com	Mygr college of engineering	6305083570
165	Nunna Jenny Sai Prasanna	Student	Cse	prasannajenny6@gmail.com	Anil Neerukonda Institute of Technology and Sciences	9515504655
166	Sushant Agarwal	Student	Cse	sushant.ag09@gmail.com	PSIT	+919651332061
167	Santhosh Kumar C	Assistant Professor	CSE	cjsksag@gmail.com	Er.Perumal Manimekalai College of Engineering Tamilnadu	9566772903
168	Prathima Tirumalareddy	Assistant Professor	IT	prathima_it@cbit.ac.in	Chaitanya Bharathi Institute of Technology	9441044722
169	Sharmila rani jetti	Assistant Professor	Computer applications	Sharmilarani.j@gmail.com	Gdc(m)	8341548582
170	SAI TARUN PALAKULA	Student	CSE	saitarun2499@gmail.com	KL University	9133819446
171	Vennela	Student	CSE	vennusri444@gmail.com	Avanathi college	7995359187

BDS A
Online Course Coordinator


HoD, CSE

Head of the Department of
Computer Science & Engineering
Anil Neerukonda Institute of
Technology & Sciences
Sangivalasa, Visakhapatnam Dist

RESOURCE PERSON PROFILE

Mr.Mallellu Sai Prashanth, Is the BlockChain Developer at Tech Mahindra, Hyderabad and presently Contributing as a Chair - IEEE Vardhaman College of Engineering(SBC02391) Chair - IEEE Vardhaman College of Engineering Computer Society Chapter , Chair - IEEE Vardhaman College of Engineering Educational Society Chapter, and at the region Webinar & Training Coordinator, IEEE R10 Student Activities Committee IEEE Collabratec Coordinator IEEE R10 SAC , Vice-Chair, IEEE India Council SCT 2021 Student Network Member, IEEE Hyderabad Section(2019 &2020) and served associal media and publicity coordinator for the IEEE Region10 student activities committee where he committed and able to make a good impact under the guidance of SAC. He has been holding the IEEE Collabratec Coordinator under IEEE R10 SAC in spreading the word and main motto of IEEE Collabratec and IEEE Students community across the section in various events and student branches. He held the Responsibility of Social Media Team Lead of IEEE India Council Student Coordination Team 2020 in which it's good volunteering and a leadership opportunity to volunteer at IEEE India Council. He also leads the IEEE India Tems as a Student Chapter Representative at Tems India for the year 2020 and Student Chapter Representative at IEEE Computer Society Hyderabad Chapter. He was also held as the Student Network Representative for the year 2019,2020. In which his enthusiastic support as a volunteer to the Section and Chapter activities, new initiatives, contributions, demonstrating administrative abilities and leadership skills and commitment for technical development of Engineers and Students at large is highly appreciated. For the enthusiastic support as the volunteer of the IEEE India Council, IEEE Hyderabad Section and IEEE Computer Society Chapter and commitment to the new initiatives and for the technical development of students. I have received the IEEE India Council Outstanding Student Volunteer award 2019, where the award was presented by IEEE president Mr Toshio Fukuda and IEEE R10 Director Elect Deepak Mathur. For his outstanding leadership abilities as an organizer and volunteer, IEEE Vardhaman college of engineering student branch awarded him with an Outstanding Volunteer for excellence in the year 2019. He is also recipient of the startup hackathons, codethons and the Idea Pitching sessions in India.

BSA


Head of the Department of
Computer Science & Engineering
Anil Neerukonda Institute of
Technology & Sciences
Sangli, Maharashtra

Report for Value added course on cloud computing

The Department of CSE, ANIL NEERUKONDA INSTITUTE OF TECHNOLOGY AND SCIENCES (ANITS), Value added course on has conducted **ONLINE TRAINING SESSIONS** for final year students during the lockdown period, not to break the learning chain of the students. The resource persons gave the computing session on cloud computing topics. A total of 10 problems have been given and solved by the resource persons and the doubts were clarified. Nearly 100 members have participated in the Session. The sessions enhanced the knowledge of students and made them ready for different online coding classes, and competitions.

B.S.A
R.S.A

Online course coordinator


HOD, CSE
Head of the Department of
Computer Science & Engineering
Anil Neerukonda Institute of
Technology & Sciences
Sangivalasa, Visakhapatnam Dist.