

1.2.1 Number of Certificate/Value added courses offered and online courses of MOOCs, SWAYAM, NPTEL etc. where the students of the institution have enrolled

1.2.2 Percentage of students enrolled in Certificate/ Value added courses and also completed online courses of MOOCs, SWAYAM, NPTEL etc.

Academic Year 2020-21						
Name of Certificate/ Value added course offered and online courses of MOOCs, SWAYAM, NPTEL etc. where the students of the institution have enrolled and successfully completed	Course Code (if any)	Year of offering/study	period(from date-to-date)	Duration of course	Number of students enrolled in the year	Number of Students completing the course in the year
A THREE WEEK PROGRAM ON "RECENT TRENDS IN ROBOTICS" from 02-11-2020 to 26-11-2020	MECH	2020	02-11-2020 to 26-11-2020	21days	18	18
A THREE WEEK PROGRAM ON "SIX STROKE ENGINES AND CRDI" from 24-11-2020 to 17-12-2020	MECH	2020	24-11-2020 to 17-12-2020	21days	15	15
A TWO WEEK PROGRAM ON "ELECTRONIC SKIN" from 15-12-2020 to 01-01-2021	ECE	2020	15-12-2020 to 01-01-2021	12days	25	25
A TWO WEEK PROGRAM ON "OBSTACLE AVOIDANCE BASED VISUAL NAVIGATION FOR MICRO AERIAL VEHICLES" from 31-12-2020 to 20-01-2021	ECE	2020	31-12-2020 to 20-01-2021	12days	12	12
A TWO WEEK PROGRAM ON "MODERN AIR POLLUTION CONTROL TECHNIQUES" from 29-03-2021 to 16-04-2021.	CIVIL	2020	29-03-2021 to 16-04-2021	12days	9	9



Nimra College of Engineering & Technology

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Ph : +91-866-2882010, Fax : +91-866-2881852
e-mail : principal_nimra@yahoo.co.in website : <http://www.nimra.in>

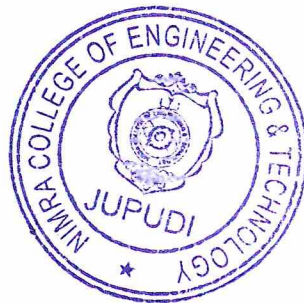
Date:21-10-2020


CIRCULAR

It is hereby informed to all the Fourth year MECHANICAL students that our college is conducting A Three week Certificate Programme on "RECENT TRENDS IN ROBOTICS" from 02-11-2020 to 26-11-2020 . All the students shall give their names to coordinator listed below on or before 26-10-2020 . Hence, all the students are hereby informed to attend the classes without fail.

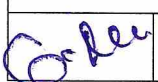







Venue : Class Room B - 229.

Co-ordinator:Mr. Syed Hameed,
Assistant Professor
Department Of Mechanical Engineering.




Principal
NIMRA COLLEGE OF ENGG. & TECH.,
NIMRA NAGAR,
IBRAHIMPATNAM-521 456,
VIJAYAWADA.

Copy to:

Signature of all HODs					TPO	OFFICE	LIBRARY
							

REGISTRATION FORM

NAME:.....

ROLLNo:.....

BRANCH:.....

INSTITUTION:.....

ADDRESS FOR COMMUNICATION:
.....
.....
.....
.....

.....Mobile:

E-mail:

Signature

Applications to be submitted online in the above format along with the scanned copy of the registration form

Resource Person:

Mr. SHAIK ABDUL SHUKOOR
Assistant Professor
Dept. Of Mechanical Engineering

**Last Date To
Registration.
26-10-2020**

**Registrations Free
For In-House
Students**

PROGRAMME COMMITTEE

Chief Patron
Dr.T N MURTY

Director (A&P)
Nimra Group Of Colleges

Patron
Mr.Syed Gulam Gouse
Deputy Director(A&P)
Nimra Group Of Colleges

Convener
Dr.Akbar Khan
Principal
Nimra College Of Engineering And Technology

Co-Ordinator
Mr.Syed Hameed
Asst. Professor
Dept. of Mechanical Engineering

Organizing committee:
Mr. Shaik Abdul Khadar ,Asst.Professor
Mr. Shaik Lalu, Asst.Professor

Student Co- Ordinators
Shaik Salman
A.Sai Pratap Reddy

Address For Communication
Mr.Syed Hameed
Asst. Professor
Dept.of Mechanical Engineering
7702275056
syed.hameed9@gmail.com

A THREE WEEK CERTIFICATE PROGRAMME ON
“RECENT TRENDS IN ROBOTICS”

PROGRAMME SCHEDULE
02-11-2020 TO 26-11-2020

Organized by

**NIMRA COLLEGE OF ENGINEERING
AND TECHNOLOGY**



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Delhi,Permitted by Govt of A P,
Nimra Nagar,Ibrahimpattam, Vijayawada-
521456, NTR Dist-AP.

Venue:
CLASS ROOM B - 229

ABOUT THE COLLEGE:

NCET is recognized and known as the best college for Engineering & Management education in Coastal Andhra. The College provides its students with modern educational facilities while retaining traditional values, as well as using its strong industrial contacts to mould young, talented individuals who can compete in the global arena.

In an intensely competitive environment, the college has adopted a dynamic, global, high-quality, creative and communicative approach in education. The college aims at imparting high quality excellent education in Engineering and Technology to all categories of students.

COURSES OFFERED

B.TECH:

- Computer Science And Engineering
- Electronics And Communication Engineering
- Electrical And Electronics Engineering
- Mechanical Engineering
- Civil Engineering

P G COURSES:

- Computer Science And Engineering
- VLSI System Design
- CAD/CAM

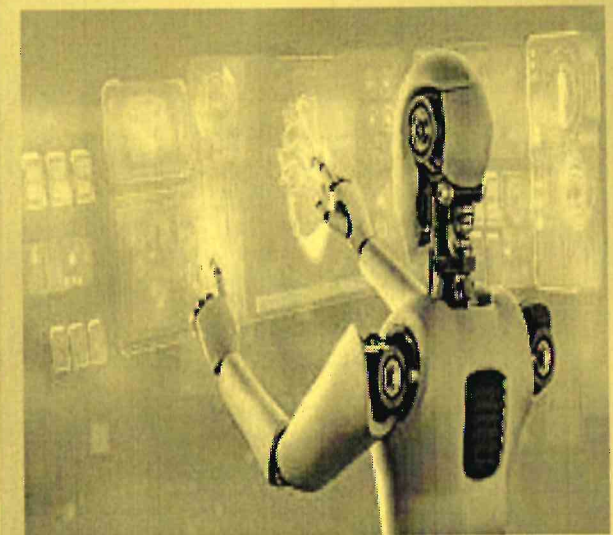
OBJECTIVES OF PROGRAMME

- ❖ Introduction to Robotics and its terminology
- ❖ Laws of Robotics and Robot Control Loop System
- ❖ Types of robots
- ❖ Robot Components and Sensors
- ❖ Robot Modelling
- ❖ Robot Programming



LEARNING OUTCOMES

- ❖ Students are able to understand the basics of robotics, Working Principle of Robot,
- ❖ Types of Robots, End Effectors, Sensors, Manufacturing of Robots.
- ❖ Various types of Control systems. Its industrial use, medical use and various applications of robotics in different fields.





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e-mail : principal_nimra@yahoo.co.in website : <http://www.nimra.in>

NAME OF THE TOPIC: A Three week Certificate Programme on "RECENT TRENDS IN ROBOTICS"

LESSON PLAN		
S.NO	DATE	TOPIC TO BE COVERED
1	02-11-2020	Introduction to Robotics and its terminology
2	03-11-2020	4 R's of Robotics
3	04-11-2020	Different types of Coordinate systems
4	05-11-2020	Laws of Robotics and Robot Control Loop System
5	06-11-2020	Types of robots
6	07-11-2020	Manufacturing of Robots
7	09-11-2020	Robot Components and Sensors
8	10-11-2020	Types of Actuators
9	11-11-2020	Types of End Effectors
10	12-11-2020	Degrees of Freedom and Purpose of Robots
11	13-11-2020	Different types of Controllers
12	16-11-2020	Robot Modelling
13	17-11-2020	Robot Programming
14	18-11-2020	Forward Kinematics
15	19-11-2020	Inverse Kinematics
16	20-11-2020	Feedback Components of Robot
17	21-11-2020	Different types of Potentiometers and Resolvers
18	23-11-2020	Various Types of Motion Analysis
19	24-11-2020	Trajectory Planning and avoidance of obstacles
20	25-11-2020	Manipulator Kinematics(Specification of matrices)
21	26-11-2020	Types of Encoders


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 e-mail : principal_nimra@yahoo.co.in website : http://www.nimra.in

Date:27-11-2020

PROGRAM REPORT

Name of the Event:

A Three week Certificate Programme on "RECENT TRENDS IN ROBOTICS"

Date: 02-11-2020 to 26-11-2020

Resource Person:

Mr. SHAIK ABDUL SHUKOOR
 Assistant professor
 Department of Mechanical Engineering
 Mobile:9392787781
 E-mail: shukoormech@gmail.com

Name of Co-ordinator:

Mr. Syed Hameed
 Asst. Professor.
 Dept of Mechanical Engineering

Number of students attended:18

Venue : Class Room B - 229.

Nimra College of Engineering and Technology, Organized a certificate Program on "RECENT TRENDS IN ROBOTICS" for the Fourth year Mechanical students by the Resource Person.

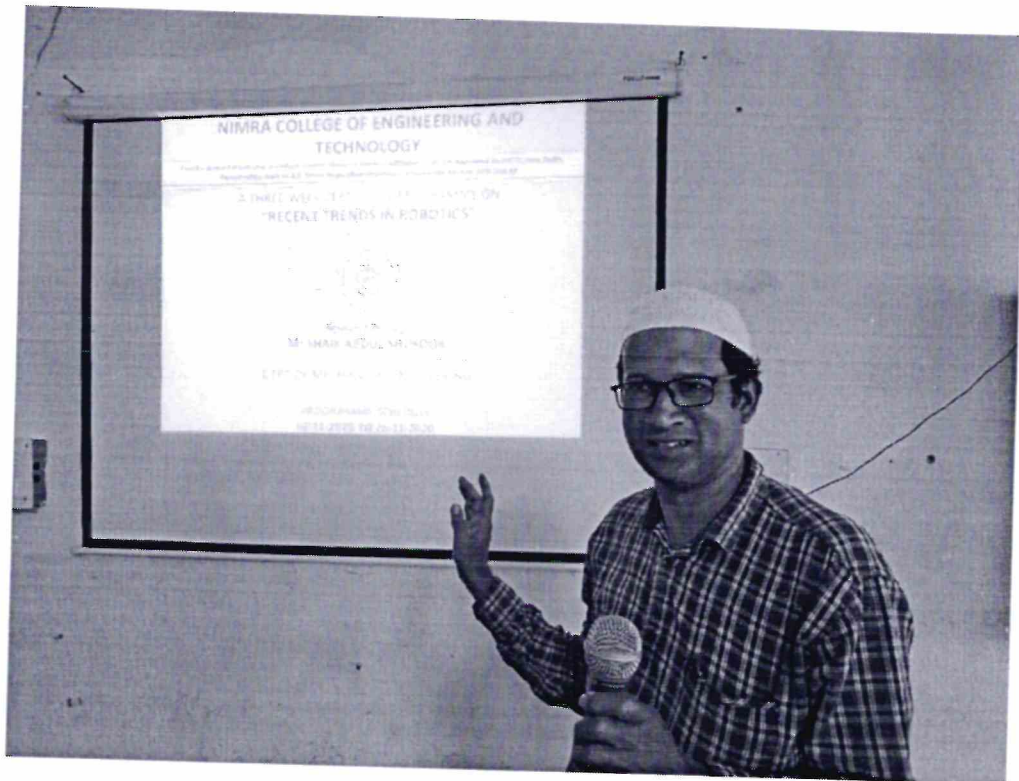
1. Types of robots
2. Manufacturing of Robots
3. Robot Components and Sensors
4. Types of Actuators
5. Types of End Effectors
6. Degrees of Freedom and Purpose of Robots
7. Different types of Controllers

Objectives:

1. Introduction to Robotics and its terminology
2. Laws of Robotics and Robot Control Loop System
3. Types of robots
4. Robot Components and Sensors
5. Robot Modelling.


Learning Outcomes:

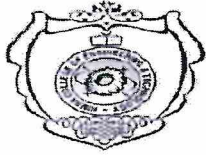
1. Students are able to understand the basics of robotics, Working Principle of Robot,
2. Types of Robots, End Effectors, Sensors, Manufacturing of Robots.
3. Various types of Control systems. Its industrial use, medical use and various applications of robotics in different fields.



The Programme was very useful to the students and their feedback is positive. The management and Dr. Akbar Khan, Principal of NCET thanked the resource Person and participants for making the programme successful.


CO-ORDINATOR


HOD



Nimra College of Engineering & Technology

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e-mail : principal_nimra@yahoo.co.in website : http://www.nimra.in


A.Y-2020-2021

Name of the Program: A Three week Certificate Programme on "RECENT TRENDS IN ROBOTICS"

Date: 02-11-2020 TO 26-11-2020

ENROLLED STUDENTS LIST

S.no	Reg.No	Name of the student	Year /Branch	Signature
1	17231A0301	ANNAM SAI PRATAP REDDY	IV MECH	A. Prathap
2	17231A0302	MAHAMMAD MATHIN	IV MECH	MD. mathin
3	17231A0303	NAVEEN MANDAPATI	IV MECH	naveenmandapati
4	17231A0304	RIYAZ AHAMED	IV MECH	Ahamed
5	17231A0305	SAYYAD SALMAN	IV MECH	Salman
6	17231A0306	SHAIK JHON BHASHA	IV MECH	Jhon
7	17231A0307	SHAIK KHADAR	IV MECH	sk. khadar
8	17231A0308	SHAIK KHAJA BABU	IV MECH	Sk. Khaja Babu
9	17231A0309	SHAIK MAHAMUD BASHA	IV MECH	mohammad basha
10	17231A0310	SHAIK SAJEED	IV MECH	sk. sajeed
11	17231A0311	SHAIK SALMAN	IV MECH	Salman
12	17231A0312	SHAIK TAJUDDIN	IV MECH	Tajuddin
13	17231A0313	SYED MAQBUL	IV MECH	Maqbul. syed
14	17231A0314	K.V.KRISHNA REDDY	IV MECH	Krishna Reddy
15	17231A0315	MD SAHIL SIDDIQUE	IV MECH	MD. Sahil Siddique
16	17231A0316	MD RAJ AFSAR	IV MECH	MD. Afsar
17	17231A0317	TAUHEED KHAN	IV MECH	Tauheed Khan
18	17231A0318	UMAR SIDDIQUE	IV MECH	Siddique


Principal
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NIMRA NAGAR,
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A.Y-2020-2021

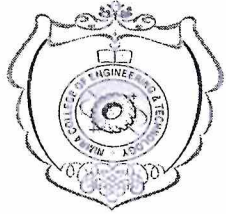
Name of the Program: A Three week Certificate Programme on "RECENT TRENDS IN ROBOTICS"

DAY-WISE SHEET

S.no	Reg.No	NAME OF THE STUDENT	01/11	02/11	03/11	04/11	05/11	06/11	07/11	08/11	09/11	10/11	11/11	12/11	13/11	14/11	15/11	16/11	17/11	18/11	19/11	20/11	21/11	22/11	23/11	24/11	25/11	26/11	
1	17231A0301	ANNAM SAI PRATAP REDDY	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
2	17231A0302	MAHAMMAD MATHIN	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
3	17231A0303	NAVEEN MANDAPATI	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
4	17231A0304	RIYAZ AHAMED	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
5	17231A0305	SAYYAD SALMAN	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
6	17231A0306	SHAIK JHON BHASHA	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
7	17231A0307	SHAIK KHADAR	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
8	17231A0308	SHAIK KHAJA BABU	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
9	17231A0309	SHAIK MAHAMUD BASHA	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
10	17231A0310	SHAIK SAJEED	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
11	17231A0311	SHAIK SALMAN	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
12	17231A0312	SHAIK TAJUDDIN	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
13	17231A0313	SYED MAQBUL	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
14	17231A0314	K.V.KRISHNA REDDY	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
15	17231A0315	MD SAHIL SIDDIQUE	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
16	17231A0316	MD RAJ AFSAR	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
17	17231A0317	TAUHEED KHAN	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
18	17231A0318	UMAR SIDDIQUE	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P

Abdul
 PRINCIPAL
 NIMRA COLLEGE OF ENGG. & TECH.,
 NIMRA NAGAR,
 IBRAHIMPATNAM-521 456

NIMRA COLLEGE OF ENGINEERING AND TECHNOLOGY



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Nimra Nagar, Ibrahimpatnam, VIJAYAWADA – 521 456, NTR DT, A.P. India

PARTICIPATION CERTIFICATE

THIS IS TO CERTIFY THAT

MR./MRS./MS. SHADU KHADAR

HAS PARTICIPATED IN


“A THREE WEEK CERTIFICATE PROGRAMME ON RECENT TRENDS IN ROBOTICS”


ORGANISED BY NIMRA COLLEGE OF ENGINEERING AND TECHNOLOGY,

DEPARTMENT OF MECHANICAL ENGINEERING, NIMRA NAGAR, JUPUDI,

FROM 02-11-2020 TO 26-11-2020.


Mr. Syed Hameed
Asst, Professor,
Dept. of Mechanical Engineering
Co-Ordinator


Dr. AKBAR KHAN
Professor & Principal
Convenor
PRINCIPAL
NIMRA COLLEGE OF ENGG. & TECH
NIMRA NAGAR,
IBRAHIMPATNAM-521 456
VIJAYAWADA.


Dr. AKBAR KHAN
Principal
Nimra College of
Engineering & Technology
PRINCIPAL
NIMRA COLLEGE OF ENGG. & TECH.
NIMRA NAGAR,
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VIJAYAWADA.

REGISTRATION FORM

NAME:.....

ROLLNo:.....

BRANCH:.....

INSTITUTION:.....

ADDRESS FOR COMMUNICATION:
.....
.....
.....

..... Mobile:

E-mail:

Signature

Applications to be submitted online in the above format along with the scanned copy of the registration form

Resource Person:

Mr. SYED SHOEB

Assistant Professor

Dept. Of Mechanical Engineering

**Last Date To
Registration.
17-11-2020**

**Registrations Free
For In-House
Students**

PROGRAMME COMMITTEE

Chief Patron

Dr.T N MURTY

Director (A&P)

Nimra Group Of Colleges

Patron

Mr.Syed Gulam Gouse

Deputy Director(A&P)

Nimra Group Of Colleges

Convener

Dr.Akbar Khan

Principal

Nimra College Of Engineering And Technology

Co-Ordinator

Mr.Syed. A.R. Basha

Asst. Professor

Dept. of Mechanical Engineering

Organizing committee:

Mr. Syed Hameed, Asst.Professor

Shaik Lalu,Asst.Professor

Student Co- Ordinators

Shaik Intiyaz

Ayjaz Ahamed

Address For Communication

Mr.Syed. A.R. Basha

Asst. Professor

Dept. of Mechanical Engineering

9542974949

syedataulrehamanbasha@gmail.com

A THREE WEEK CERTIFICATE PROGRAMME ON

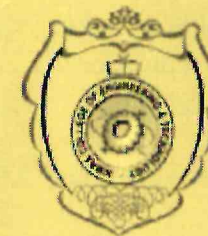
“SIX STROKE ENGINESS AND CRDI”

PROGRAMME SCHEDULE

24-11-2020 TO 17-12-2020

Organized by

**NIMRA COLLEGE OF ENGINEERING
AND TECHNOLOGY**



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Venue:

CLASS ROOM B - 230

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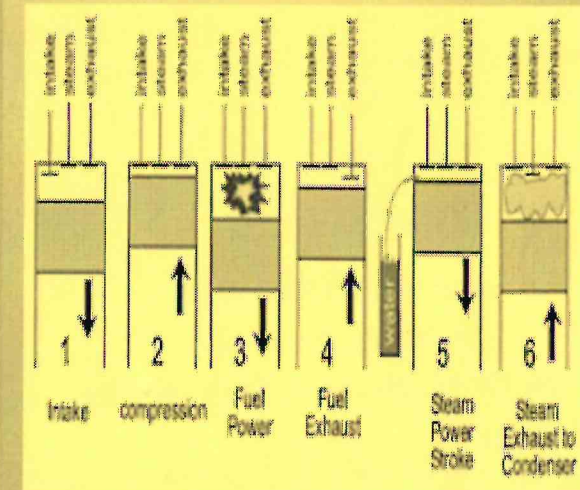
OBJECTIVES OF PROGRAMM

- ❖ Construction Details of the Engine
- ❖ Working of Dual fuel Six Stroke Engine
- ❖ P-V & T-S Diagram of Dual Fuel Six Stroke Engine
- ❖ Valve Timing Diagram of Dual Fuel Six Stroke Engine
- ❖ Properties of Diesel and Methanol
- ❖ Specifications of Dual fuel Six Stroke Engines.



LEARNING OUTCOMES

- ❖ Six stroke engines have many advantages like high thermal efficiency, low fuel consumption, high break mean effective pressure, low emission.
- ❖ However drawbacks like initial starting problem, availability of water are also associated. The starting problem can be eliminated by using heater or glow plug and coupling a dc motor as prime mover to the engine.



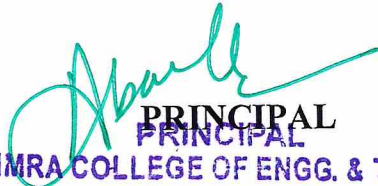


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 e-mail : principal_nimra@yahoo.co.in website : http://www.nimra.in

NAME OF THE TOPIC: A Three week Certificate Programme on "SIX STROKE ENGINES AND CRDI"

LESSON PLAN		
S.NO	DATE	TOPIC TO BE COVERED
1	24-11-2020	Introduction and Working Principle of Dual fuel Six Stroke Engine
2	25-11-2020	Construction Details of the Engine
3	26-11-2020	Working of Dual fuel Six Stroke Engine
4	27-11-2020	P-V & T-S Diagram of Dual Fuel Six Stroke Engine
5	28-11-2020	Valve Timing Diagram of Dual Fuel Six Stroke Engine
6	30-11-2020	Properties of Diesel and Methanol
7	01-12-2020	Specifications of Dual fuel Six Stroke Engines
8	02-12-2020	Comparison of Four Stroke and Six Stroke Diesel Engines
9	03-12-2020	Engine Modifications
10	04-12-2020	Cam Shaft Design
11	05-12-2020	Water Injector
12	07-12-2020	Analysis and Testing of the Engine
13	08-12-2020	Brake Specific Fuel Consumption
14	09-12-2020	Thermal Efficiency of the Engine
15	10-12-2020	Indicated Power and Overall Efficiency
16	11-12-2020	Load Test Results
17	12-12-2020	Pollution test results
18	14-12-2020	Torque Angle Diagram of Dual fuel Six Stroke Engines
19	15-12-2020	Fuel Flow Rate and Thermal efficiency
20	16-12-2020	Advantages and Disadvantages of the Dual fuel Six Stroke Engines
21	17-12-2020	Limitations of Dual fuel Six Stroke Engines


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 e-mail : principal_nimra@yahoo.co.in website : <http://www.nimra.in>

Date:18-12-2020

PROGRAM REPORT

Name of the Event:

A Three week Certificate Programme on "SIX STROKE ENGINES AND CRDI"

Date: 24-11-2020 to 17-12-2020

Resource Person:

Mr. SYED SHOEB
 Assistant Professor
 Department of Mechanical Engineering
 Mobile:9247430343
 E-mail: syedshoebmech344@gmail.com

Name of Co-ordinator:

Mr. Syed A.R.Basha,
 Asst. Professor.
 Dept. of Mechanical Engineering

Number of students attended:15

Venue : Seminar Hall, NCET.

Nimra College of Engineering and Technology, Organized a certificate Program on "SIX STROKE ENGINES AND CRDI" for the Third year Mechanical students by the Resource Person.

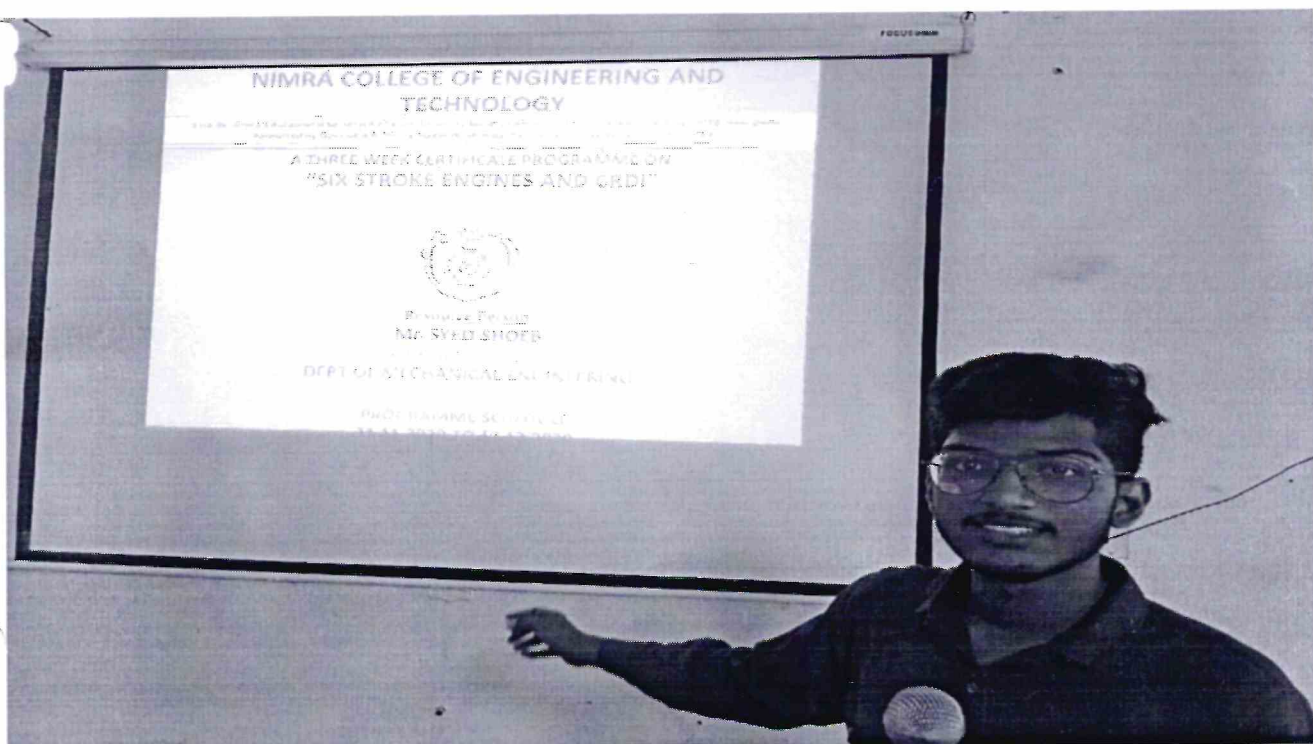
1. Construction Details of the Engine
2. Working of Dual fuel Six Stroke Engine
3. P-V & T-S Diagram of Dual Fuel Six Stroke Engine
4. Valve Timing Diagram of Dual Fuel Six Stroke Engine
5. Properties of Diesel and Methanol
6. Specifications of Dual fuel Six Stroke Engines

Objectives:

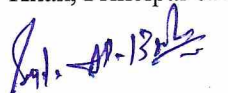
1. Construction Details of the Engine
2. Working of Dual fuel Six Stroke Engine
3. P-V & T-S Diagram of Dual Fuel Six Stroke Engine
4. Valve Timing Diagram of Dual Fuel Six Stroke Engine
5. Properties of Diesel and Methanol
6. Specifications of Dual fuel Six Stroke Engines.

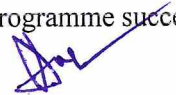
Learning Outcomes:

1. Six stroke engines have many advantages like high thermal efficiency, low fuel consumption, high break mean effective pressure, low emission.
2. However drawbacks like initial starting problem, availability of water are also associated.
3. The starting problem can be eliminated by using heater or glow plug and coupling a dc motor as prime mover to the engine.
4. It reduces Fuel Consumption by 40 % and Pollution by 90%. It enables Lower engine Temperature and therefore increases thermal efficiency.

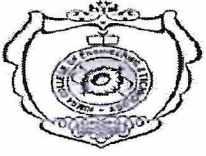


The programme was very useful to the students and their feedback is positive. The management and Dr. Akbar Khan, Principal of NCET thanked the resource Person and participants for making the programme successful.


CO-ORDINATOR



HOD



Nimra College of Engineering & Technology

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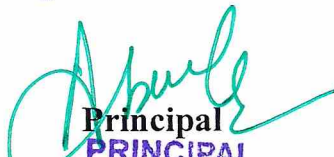
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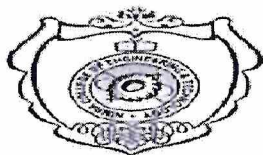
Name of the Program: A Three week Certificate Programme on "SIX STROKE ENGINES AND CRDI"

Date: 24-11-2020 TO 17-12-2020

ENROLLED STUDENTS LIST

S.no	Reg.No	Name of the student	Year /Branch	Signature
1	18231A0301	AMEER SULTAN MOHAMMED	III MECH	Ameeer Sultan
2	18231A0302	AURANGAJEB KHAN	III MECH	A Khan
3	18231A0303	CHARAN TEJA PADALA	III MECH	Charan Teja
4	18231A0304	GANAGALLA RAMA RAO	III MECH	G. Rama Rao
5	18231A0305	K GUNAVARDHANA CHARI	III MECH	K. chari
6	18231A0306	K PRASANNA KUMAR	III MECH	Varhan
7	18231A0307	SAMIR KHAN	III MECH	khan
8	18231A0308	SARFARAJ KHAN	III MECH	Sarfaraaj Khan
9	18231A0309	SYED MASHOOQ RABBANI	III MECH	Syed. Mashooq Rabbani
10	18231A0310	SHAIK MOHAMMAD INTHIYAZ	III MECH	Sk Inthiyaz.
11	18231A0311	SOBBANA ASHIK RAJ	III MECH	S Ashik Raj.
12	18231A0312	KOMARAVALLI UDAY KAMAL	III MECH	K. Uday Kamal.
13	18231A0313	SHAIK NASEER MOINUDDIN	III MECH	Naseer
14	19235A0301	MOHAMMAD AYJAZ AHAMMAD	III MECH	Ayaz Ahmad.
15	19235A0302	NEELAM JAGADESH	III MECH	Jagadesh


Principal
PRINCIPAL
NIMRA COLLEGE OF ENGG. & TECH.,
NIMRA NAGAR,
IBRAHIMPATNAM-521 456,
VIJAYAWADA.



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A.Y-2020-2021

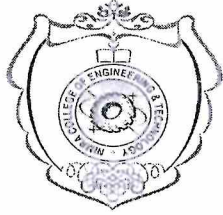
Name of the Program: A Three week Certificate Programme on "SIX STROKE ENGINES AND CRDI"

DAY-WISE SHEET

S.no	Reg.No	NAME OF THE STUDENT	24/11	25/11	26/11	27/11	28/11	30/11	01/12	02/12	03/12	04/12	05/12	07/12	08/12	09/12	10/12	11/12	12/12	14/12	15/12	16/12	17/12
1	18231A0301	AMEER SULTAN MOHAMMED	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
2	18231A0302	AURANGAJEB KHAN	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
3	18231A0303	CHARAN TEJA PADALA	P	P	P	P	P	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P
4	18231A0304	GANAGALLA RAMA RAO	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
5	18231A0305	K GUNAVARDHANA CHARI	P	P	P	P	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P
6	18231A0306	K PRASANNA KUMAR	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
7	18231A0307	SAMIR KHAN	P	P	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P
8	18231A0308	SARFARAJ KHAN	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	A	P	P	P	P
9	18231A0309	SYED MASHOOQ RABBANI	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
10	18231A0310	SHAIK MOHAMMAD INTHIYAZ	P	P	P	P	P	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P
11	18231A0311	SOBBANA ASHIK RAJ	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
12	18231A0312	KOMARAVALLI UDAY KAMAL	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	A	P	P	P	P	P
13	18231A0313	SHAIK NASEER MOINUDDIN	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
14	19235A0301	MOHAMMAD AYJAZ AHAMMAD	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
15	19235A0302	NEELAM JAGADESH	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P

Principal
 PRINCIPAL
 NIMRA COLLEGE OF ENGG. & TECH.,
 NIMRA NAGAR,
 IBRAHIMPATNAM-521 456.
 VIJAYAWADA.

NIMRA COLLEGE OF ENGINEERING AND TECHNOLOGY



(Estd By Nimra Educational Society(A Muslim Minority Society)

Affiliated To JNTUK, Approved By Aicte New Delhi, Permitted By Govt. Of A.P

Nimra Nagar, Ibrahimpatnam, VIJAYAWADA – 521 456, NTR DT, A.P. India

PARTICIPATION CERTIFICATE

THIS IS TO CERTIFY THAT

MR./MRS./MS. _____

K. PRASANNA KUMAR

HAS PARTICIPATED IN

“A THREE WEEK CERTIFICATE PROGRAMME ON SIX STROKE ENGINES AND CRDI”

ORGANISED BY NIMRA COLLEGE OF ENGINEERING AND TECHNOLOGY,

DEPARTMENT OF MECHANICAL ENGINEERING, NIMRA NAGAR, JUPUDI,

FROM 24-11-2020 TO 17-12-2020.

Mr. Syed. A.R. Basha
Asst, Professor,
Dept. of Mechanical Engineering
Co-Ordinator

Dr. AKBAR KHAN
Professor & Principal

Convenor
PRINCIPAL

NIMRA COLLEGE OF ENGG. & TECH.

NIMRA NAGAR,

IBRAHIMPATNAM-521 456

VIJAYAWADA.

Dr. AKBAR KHAN
Principal

Nimra College of
Engineering & Technology

PRINCIPAL

NIMRA COLLEGE OF ENGG. & TECH

NIMRA NAGAR,

IBRAHIMPATNAM-521 456

VIJAYAWADA.

REGISTRATION FORM

NAME:.....

ROLLNo:.....

BRANCH:.....

INSTITUTION:.....

ADDRESS FOR COMMUNICATION:
.....
.....
.....
.....

.....Mobile:

E-mail:

Signature

Applications to be submitted online in the above format along with the scanned copy of the registration form

Resource Person:

Ms. Shamshad Begum
Asst. Professor
Dept. Of Electronics & Communication
Engineering
Nimra College Of Engineering And
Technology

**Last Date To
Registration.
08-12-2020**

**Registrations Free
For In-House
Students**

PROGRAMME COMMITTEE

Chief Patron

Dr. T N MURTY

Director (A&P)

Nimra Group Of Colleges

Patron

Mr. Syed Gulam Gouse

Deputy Director (A&P)

Nimra Group Of Colleges

Convener

Dr. Akbar Khan

Principal

Nimra College Of Engineering And Technology

Co-Ordinator

Dr. K.A. Lathief

Professor

Dept. Of Electronics & Communication

Engineering

Organizing committee:

D. Kamala Kumari, Asst. Professor

Shaik. Apsar, Asst. Professor

Student Co- Ordinators

Shaik Jiyulla

Shaik Abdulla

Address For Communication

Dr. K.A. Lathief, Professor

Dept. Of Electronics & Communication

Engineering

7093456628

lathiefvyr@gmail.com

A TWO WEEK CERTIFICATE PROGRAMME ON

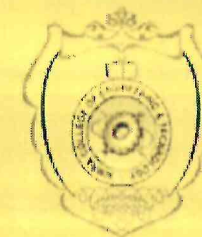
"ELECTRONIC SKIN"

PROGRAMME SCHEDULE

15-12-2020 to 01-01-2021

Organized by

**NIMRA COLLEGE OF ENGINEERING
AND TECHNOLOGY**



Estd By Nimra Educational Society (A Muslim Minority Society)
Affiliated to JNTUK, Approved by AICTE, New
Delhi, Permitted by Govt of A P,
Nimra Nagar, Ibrahimpatnam, Vijayawada-
521456, NTR Dist-AP.

**Venue:
NCET SEMINAR HALL**

ABOUT THE COLLEGE:

JNTU CET is recognized and known as the best college for Engineering & Management education in Coastal Andhra. The College provides its students with modern educational facilities while retaining traditional values, as well as using its strong industrial contacts to mould young, talented individuals who can compete in the global arena.

In an intensely competitive environment, the college has adopted a dynamic, global, high-quality, creative and communicative approach in education. The college aims at imparting high quality excellent education in Engineering and Technology to all categories of students.

COURSES OFFERED

B.TECH:

- Computer Science And Engineering
- Electronics And Communication Engineering
- Electrical And Electronics Engineering
- Mechanical Engineering
- Civil Engineering

P G COURSES:

- M.TECH
 - Computer Science And Engineering
 - VLSI System Design
 - CAD-CAM
 - Power Electronics

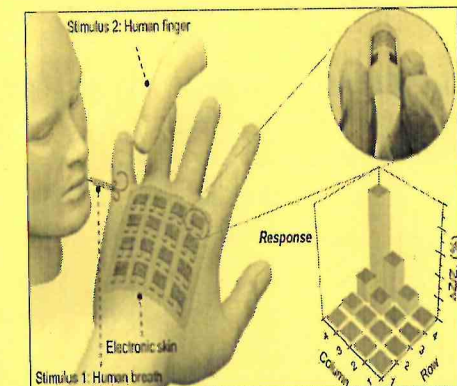
OBJECTIVES OF PROGRAMME

- ❖ Architecture
- ❖ Features
- ❖ Desirable Properties for E-SKIN
- ❖ Highly integrated ELECTRONIC SKIN devices



LEARNING OUTCOMES

- ❖ Enable highly the development of interactive and versatile robots that are capable of performing complex tasks in less structured environments.
- ❖ Facilitate conformable displays and optics.
- ❖ Revolutionize healthcare by providing biometric prostheses, constant health monitoring technologies, and unprecedented diagnostic and treatment proficiency.
- ❖ Sensors and circuits have already exceeded the properties of biological skin in many respects
- ❖ Flexible tactile sensors have been demonstrated that possess vastly superior spatial resolution to human skin






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**NAME OF THE TOPIC: A Two Weeks Certificate Programme On
 "ELECTRONIC SKIN"**

LESSON PLAN		
S.NO	DATE	TOPIC TO BE COVERED
1	15-12-2020	Introduction
2	16-12-2020	Architecture
3	17-12-2020	Features
4	18-12-2020	Desirable Properties For E-SKIN
5	19-12-2020	Highly Integrated Electronic Skin Devices
6	21-12-2020	Importance of Electronic Skin
7	23-12-2020	Types of Electronic Skin
8	24-12-2020	Principle
9	26-12-2020	Disadvantage
10	28-12-2020	Advantage
11	29/12/2020	Development of Electronic Skin
12	30/12/2020	Application
13	31/12/2020	Drawbacks
14	01/01/2021	Conclusion


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e-mail : principal_nimra@yahoo.co.in website : <http://www.nimra.in>

Date:02-01-2021

PROGRAM REPORT

Name of the Event:

A Two week Certificate Programme on "ELECTRONIC SKIN"

Date: 15-12-2020 to 01-01-2021

Resource Person:

Ms.Shamshad Begum
Asst.Professor
Dept.of Electronics & Communication Engineering
Mobile:9704071516
E-mail:shas.shamshad@gmail.com

Name of Co-ordinator:

Dr. K.A. Lathief
Professor
Dept.of Electronics & Communication Engineering

Number of students attended:25

Venue :Seminar Hall, NCET.

Nimra College of Engineering and Technology, Organized a certificate Program on "ELECTRONIC SKIN" for the third ECE students by the Resource Person Ms.Shamshad Begum as highlighted some important points in the Programme.

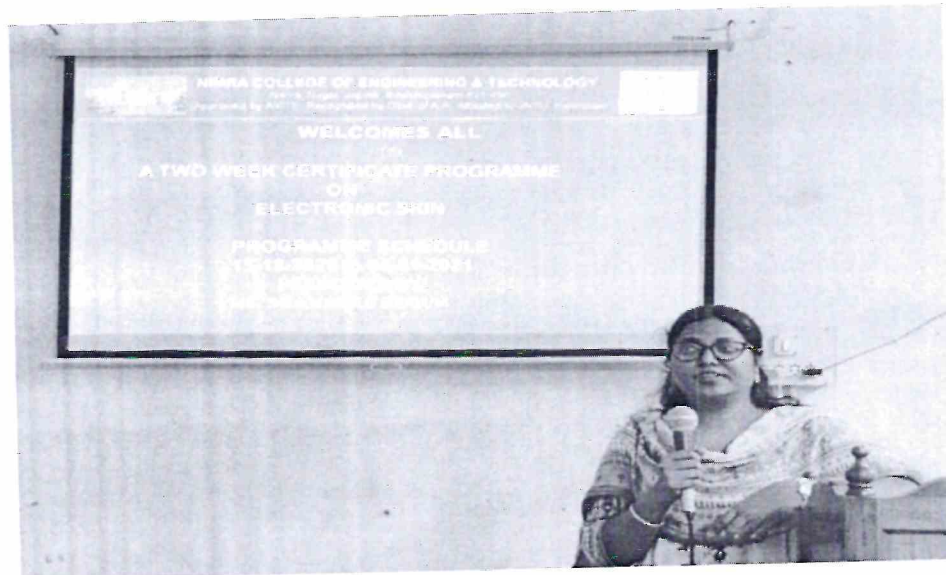
- 1.Types of E-Skin
- 2.Working and Principle of E-Skin
3. Desirable Properties for E-SKIN
4. Highly integrated ELECTRONIC SKIN devices

Objectives:

1. Architecture
- 2.Features
- 3.Desirable Properties for E-SKIN
4. Highly integrated ELECTRONIC SKIN devices

Learning Outcomes:

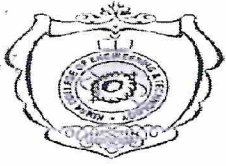
1. Enable highly the development of interactive and versatile robots that are capable of performing Complex tasks in less structured environments.
2. Facilitate conformable displays and optics.
3. Revolutionize healthcare by providing biometric prostheses, constant health monitoring technologies, and unprecedented diagnostic and treatment proficiency.
4. Sensors and circuits have already exceeded the properties of biological skin in many respects
5. Flexible tactile sensors have been demonstrated that possess vastly superior spatial resolution to human skin



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CO-ORDINATOR

HOD



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22
A.Y-2020-2021

Name of the Program: A Two week Certificate Programme on "ELECTRONIC SKIN"

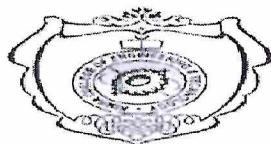
Date: 15-12-2020 to 01-01-2021

ENROLLED STUDENTS LIST

S.no	Reg.No	Name of the student	Year /Branch	Signature
1	17231A0401	IMRAN BAIG	III/ECE	Imran Baig
2	17231A0402	MAHAMMAD ASHISH BAIG	III/ECE	Ashish baig.
3	17231A0403	MOHAMMAD SHERIN	III/ECE	Md Sherin
4	17231A0404	PATAN YUSUB KHAN	III/ECE	P. Yusub Khan
5	17231A0405	PATAN KHADAR KHAN	III/ECE	P. khadar Khan
6	17231A0406	PATHAN TABASSUM	III/ECE	P. tabassum
7	17231A0407	S. AZAM HUSSAIN	III/ECE	Jiyaulla
8	17231A0408	SHAIK ABDULLA	III/ECE	Abdulla
9	17231A0409	SHAIK JIYAULLA	III/ECE	sk jiyaulla
10	17231A0410	SHAIK MABU SUBHANI	III/ECE	Jiyaulla
11	17231A0411	SHAIK MANISHA	III/ECE	sk. Manisha
12	17231A0412	SHAIK MOHAMMED	III/ECE	Mohammed
13	17231A0413	SHAIK RAHAMTULLA	III/ECE	Rahamtulla
14	17231A0414	SHAIK SALMAN RIYAZ	III/ECE	sk Salman Riyaz
15	17231A0415	SHAIK SHALI	III/ECE	shaid
16	17231A0416	SHAIK SOHAIL	III/ECE	Shaik Shali
17	17231A0417	SHAIK SUBHANI	III/ECE	sk. Subhan
18	17231A0418	SK. KHAJA MOHIDDIN	III/ECE	mohiddin
19	17231A0419	SK.ABDUL JAKIR HUSSAIN	III/ECE	Hussain
20	17231A0420	SAI VENKATA SUBBAIAH	III/ECE	Subbaiah
21	17231A0421	KORADALA RASI	III/ECE	Rasi
22	18235A0401	SHAIK HAMEED	III/ECE	sk hameed
23	18235A0402	SHAIK BUDE SAHEB	III/ECE	shaed
24	18235A0403	MOHAMMED SHARUKH	III/ECE	M. sharukh.
25	18235A0404	SHAIK KARISHMA	III/ECE	KARISHMA


Principal

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A.Y-2020-2021

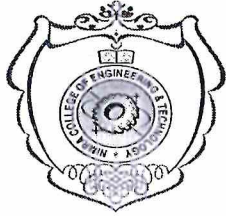
Name of the Program:A Two week Certificate Programme on "ELECTRONIC SKIN"

DAY-WISE SHEET

S.no	Reg.No	NAME OF THE STUDENT	15/12	16/12	17/12	18/12	19/12	20/12	21/12	22/12	23/12	24/12	25/12	26/12	27/12	28/12	29/12	30/12	31/12	1/1/21
1	17231A0401	IMRAN BAIG	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
2	17231A0402	MAHAMMAD ASHISH BAIG	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
3	17231A0403	MOHAMMAD SHERIN	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
4	17231A0404	PATAN YUSUB KHAN	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
5	17231A0405	PATAN KHADAR KHAN	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
6	17231A0406	PATHAN TABASSUM	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
7	17231A0407	S. AZAM HUSSAIN	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
8	17231A0408	SHAIK ABDULLA	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
9	17231A0409	SHAIK JIYAULLA	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
10	17231A0410	SHAIK MABU SUBHANI	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
11	17231A0411	SHAIK MANISHA	P	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P
12	17231A0412	SHAIK MOHAMMED	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
13	17231A0413	SHAIK RAHAMTULLA	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
14	17231A0414	SHAIK SALMAN RIYAZ	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
15	17231A0415	SHAIK SHALI	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
16	17231A0416	SHAIK SOHAIL	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
17	17231A0417	SHAIK SUBHANI	P	P	P	P	P	P	P	P	P	P	P	P	P	A		P	P	P
18	17231A0418	SK. KHAJA MOHIDDIN	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
19	17231A0419	SK.ABDUL JAKIR HUSSAIN	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
20	17231A0420	SAI VENKATA SUBBAIAH	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
21	17231A0421	KORADALA RASI	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
22	18235A0401	SHAIK HAMEED	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
23	18235A0402	SHAIK BUDE SAHEB	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
24	18235A0403	MOHAMMED SHARUKH	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
25	18235A0404	SHAIK KARISHMA	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P

Principal
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 NIMRA NAGAR,
 IBRAHIMPATNAM-521 456

NIMRA COLLEGE OF ENGINEERING AND TECHNOLOGY



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Nimra Nagar, Ibrahimpatnam, VIJAYAWADA – 521 456, NTR DT, A.P. India

PARTICIPATION CERTIFICATE

THIS IS TO CERTIFY THAT

MR./MRS./MS. S. AZAM HUSSAIN.

HAS PARTICIPATED IN


"A TWO WEEK CERTIFICATE PROGRAMME ON ELECTRONIC SKIN"

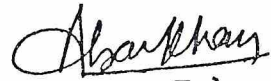
ORGANISED BY NIMRA COLLEGE OF ENGINEERING AND TECHNOLOGY,

DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING, NIMRA NAGAR, JUPUDI,

FROM 15-12-2020 TO 01-01-2021.


Dr. K.A. Lathief
Professor
Dept.of Electronics & Communication
Engineering
Co-Ordinator


Dr. AKBAR KHAN
Professor & Principal
Convenor
NIMRA COLLEGE OF ENGINEERING & TECHNOLOGY
NIMRA NAGAR,
IBRAHIMPATNAM-521 456
VIJAYAWADA


Dr. AKBAR KHAN
Principal
Nimra College of
Engineering & Technology & TECH
NIMRA COLLEGE OF ENGINEERING & TECHNOLOGY
NIMRA NAGAR,
IBRAHIMPATNAM-521 456
VIJAYAWADA.

ABOUT THE COLLEGE:

College of Engineering & Management
Chennai, Tamil Nadu. The College provides its students with modern educational facilities while retaining traditional values, as well as using its strong industrial contacts to mould young, talented individuals who can compete in the global arena.

In an intensely competitive environment, the college has adopted a dynamic, global, high-quality, creative and communicative approach in education. The college aims at imparting high quality excellent education in Engineering and Technology to all categories of students.

COURSES OFFERED

B.TECH:

- Computer Science And Engineering
- Electronics And Communication Engineering
- Electrical And Electronics Engineering
- Mechanical Engineering
- Civil Engineering

P G COURSES:

- Computer Science And Engineering
- VLSI System Design
- CAD/CAM
- Power Electronics

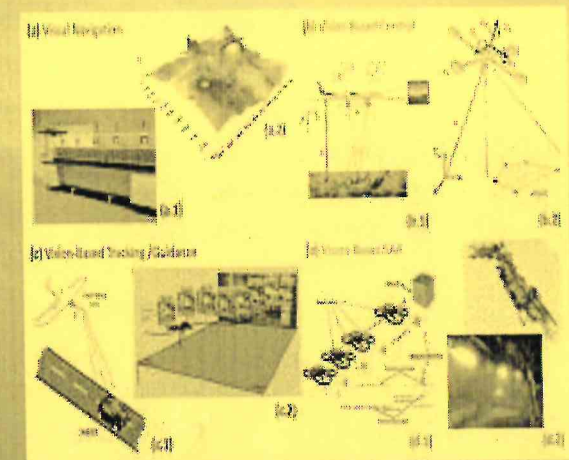
OBJECTIVES OF PROGRAMME

- ❖ Feature Point
- ❖ Feature Point Detection
- ❖ Feature Point Description
- ❖ Feature Point Matching
- ❖ Obstacle Area and Mass Center



LEARNING OUTCOMES

- ❖ Time: This shows the necessary time to complete the path.
- ❖ Maximum speed: This is an indicator proportional to the maximum distance to the rectilinear path.
- ❖ Minimum speed: This is an indicator proportional to the minimum distance to the rectilinear path.
- ❖ Average speed: This is an indicator proportional to the average distance to the rectilinear path.
- ❖ Successful flights: This shows the number of flights that completed the path without the MAV Touching or hitting the obstacles.



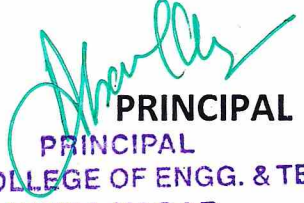


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 Ph : +91-866-2882010, Fax : +91-866-2881852
 e-mail : principal_nimra@yahoo.co.in website : <http://www.nimra.in>

NAME OF THE TOPIC: A Two Week Certificate Programme On "OBSTACLE AVOIDANCE BASED VISUAL NAVIGATION FOR MICRO AERIAL VEHICLES"

LESSON PLAN		
S.NO	DATE	TOPIC TO BE COVERED
1	31-12-2020	Introduction
	01-01-2021	Obstacle Detection
3	02-01-2021	working
4	04-01-2021	Principle
5	05-01-2021	Types of Obstacle Avoidance Based-Visual Navigation for Micro Aerial Vehicles
6	06-01-2021	Feature Point
7	07-01-2021	Feature Point Detection
8	08-01-2021	Feature Point Matching
9	09/01/2021	Obstacle Area and Mass Center
10	11/01/2021	Obstacle Avoidance
11	12/01/2021	System identification
12	18/01/2021	Controller design
13	19/01/2021	Position error
14	20-01-2021	Application


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Ph : +91-866-2882010, Fax : +91-866-2881852
e-mail : principal_nimra@yahoo.co.in website : <http://www.nimra.in>

Date:21-01-2021

PROGRAM REPORT

Name of the Event:

A Two Week Certificate Programme on “OBSTACLE AVOIDANCE BASED VISUAL NAVIGATION FOR MICRO AERIAL VEHICLES”

Date: 31-12-2020 to 20-01-2021

Resource Person:

Dr. K.A. Lathief
Professor
Dept.of Electronics & Communication Engineering
Mobile:7093456628
E-mail: lathiefvyr@gmail.com

Name of Co-ordinator:

Md.Shamshad Begum
Asst.Professor
Dept.of Electronics & Communication Engineering

Number of students attended:12

Venue :Seminar Hall

Nimra College of Engineering and Technology, Organized a certificate Program on “OBSTACLEAVOIDANCE BASED VISUAL NAVIGATION FOR MICRO AERIAL VEHICLES” for the third ECE students by the Resource Person Dr. K.A. Lathief has highlighted some important points in the Programme.

- 1.Object Detection
- 2.Feature Point
- 3.Feature Point Detection
4. Feature Point Description
5. Feature Point Matching

Objectives:

- 1.Obstacle Detection
- 2.Feature Point
- 3.Feature Point Detection
4. Feature Point Description

5. Feature Point Matching

Learning Outcomes:

1. Time: This shows the necessary time to complete the path.
2. Maximum speed: This is an indicator proportional to the maximum distance to the rectilinear path.
3. Minimum speed: This is an indicator proportional to the minimum distance to the rectilinear path.
4. Average speed: This is an indicator proportional to the average distance to the rectilinear path.
5. Successful flights: This shows the number of flights that completed the path without the MAV Touching or hitting the obstacles.



This course was very useful to the students and their feedback is positive. The management and Dr.Akbar Khan, Principal of NCET thanked the resource Person and participants for making the programme successful.


CO-ORDINATOR


HOD



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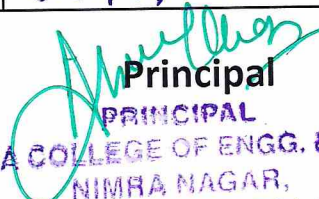
A.Y-2020-2021

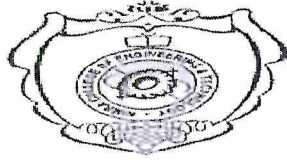
Name of the Program: A Two week Certificate Programme on "OBSTACLE AVOIDANCE BASED VISUAL NAVIGATION FOR MICRO AERIAL VEHICLES"

Date: 17-07-2018 TO 01-08-2018

ENROLLED STUDENTS LIST

S.no	Reg.No	Name of the student	Year /Branch	Signature
1	18231A0401	ABDULLAH KHAN	III/ECE	Abdullah Khan
2	18231A0402	CHANIGALLA VISWAS	III/ECE	Viswas
3	18231A0403	GANDHALLA GOPALA KRISHNA	III/ECE	Gopada Krishna
4	18231A0404	KORI PHANEENDRA KUMAR	III/ECE	Kumar
5	18231A0405	SESHADRI GANESWARA NAGA S	III/ECE	Ganeswara Nagal.
6	18231A0406	SHAIK AKRAM PASHA	III/ECE	Sk. Akram Pasha
7	18231A0407	SHAIK ASHRAF ALI	III/ECE	Ashraf ali:
8	18231A0408	SHAIK AYESHA	III/ECE	Ayesha
9	18231A0409	SHAIK HASEENA	III/ECE	Sk. Haseena
10	18231A0410	SHAIK IRSHAD	III/ECE	Irshad
11	18231A0411	VALLE SARASWATHI	III/ECE	Saraswathi
12	19235A0401	SHAIK MUSTAQ AHMAD	III/ECE	Sk. Mustaq Ahmad


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A.Y-2020-2021

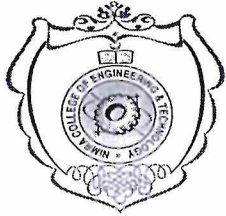
Name of the Program: A Two week Certificate Programme on "OBSTACLE AVOIDANCE BASED VISUAL NAVIGATION FOR MICRO AERIAL VEHICLES"

DAY-WISE SHEET

S.no	Reg.No	NAME OF THE STUDENT	31/12/20	1/1/21	2/1	4/1	5/1	6/1	7/1	8/1	9/1	11/1	12/1	18/1	19/1	20/1
1	18231A0401	ABDULLAH KHAN	P	P	P	P	P	P	P	P	P	P	P	P	P	P
2	18231A0402	CHANIGALLA VISWAS	P	P	P	P	P	P	P	P	P	P	P	P	P	P
3	18231A0403	GANDHALLA GOPALA KRISHNA	P	P	P	P	P	P	P	P	P	P	P	P	P	P
4	18231A0404	KORI PHANEENDRA KUMAR	P	P	A	P	P	P	P	P	P	P	P	P	P	P
5	18231A0405	SESHADRI GANESWARA NAGA SAI	P	P	P	P	P	P	P	P	P	P	P	P	P	P
6	18231A0406	SHAIK AKRAM PASHA	P	P	P	P	P	P	P	P	P	P	P	P	P	P
7	18231A0407	SHAIK ASHRAF ALI	P	P	P	P	P	P	P	A	P	P	P	P	P	P
8	18231A0408	SHAIK AYESHA	P	P	P	P	P	P	P	P	P	P	P	P	P	P
9	18231A0409	SHAIK HASEENA	P	P	P	P	P	P	P	P	P	P	P	P	P	P
10	18231A0410	SHAIK IRSHAD	P	P	P	P	P	P	P	P	P	P	A	P	P	P
11	18231A0411	VALLE SARASWATHI	P	P	P	P	P	P	P	P	P	P	P	P	P	P
12	19235A0401	SHAIK MUSTAQ AHMAD	P	P	P	P	P	P	P	P	P	P	P	P	P	P


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PARTICIPATION CERTIFICATE

THIS IS TO CERTIFY THAT

MR./MRS./MS. SHAK HASEENA.

HAS PARTICIPATED IN


*“A TWO WEEK CERTIFICATE PROGRAMME ON OBSTACLE AVOIDANCE BASED VISUAL NAVIGATION FOR MICRO AERIAL
VEHICLES”*


ORGANISED BY NIMRA COLLEGE OF ENGINEERING AND TECHNOLOGY,

DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING, NIMRA NAGAR, JUPUDI,

FROM 31-12-2020 TO 20-01-2021.


Md. Shamshad Begum
Asst. Prof. of
Dept. of Electronics & Communication
Engineering
Co-Ordinator


Dr. AKBAR KHAN
Professor & Principal
Convenor
NIMRA COLLEGE OF ENGG. & TECH
NIMRA NAGAR,
IBRAHIMPATNAM-521 456
VIJAYAWADA.


Dr. AKBAR KHAN
Principal
Nimra College of
Engineering & Technology
NIMRA COLLEGE OF ENGG. & TECH
NIMRA NAGAR,
IBRAHIMPATNAM-521 456
VIJAYAWADA.

32

REGISTRATION FORM

NAME:.....

ROLLNo:.....

BRANCH:.....

INSTITUTION:.....

ADDRESS FOR COMMUNICATION:
.....
.....
.....
.....

.....Mobile:

E-mail:

Signature

Applications to be submitted online in the above format along with the scanned copy of the registration form

Resource Person:

Mr. PHANIRAJA KRISHNA
Assistant Professor
Dept. Of Civil Engineering

**Last Date To
Registration.
22-03-2021**

**Registrations Free
For In-House
Students**

PROGRAMME COMMITTEE

Chief Patron
Dr.T N MURTY
Director (A&P)

Nimra Group Of Colleges

Patron
Mr.Syed Gulam Gouse
Deputy Director(A&P)
Nimra Group Of Colleges

Convener
Dr.Akbar Khan
Principal
Nimra College Of Engineering And Technology

Co-Ordinator
Mr. MohammedFariyaz
Asst. Professor
Dept. Of Civil Engineering

Organizing committee:
Mr. T. Satish BabuAsst.Professor
Mr. KPRK Sai KumarAsst.Professor

Student Co- Ordinators
Irfan Malik
Nazir Akram

Address For Communication
Mr. Mohammed Fariyaz
Asst. Professor
Dept. of Civil Engineering
9848162766
fariyazmd01@gmail.com

A TWO WEEK CERTIFICATE PROGRAMME ON
**“MODERN AIR POLLUTION CONTROL
TECHNIQUES”**

PROGRAMME SCHEDULE
29-03-2021 TO 16-04-2021

Organized by
**NIMRA COLLEGE OF ENGINEERING
AND TECHNOLOGY**



Estd By Nimra Educational Society(A Muslim Minority Society)
Affiliated to JNTUK,Approved by AICTE,New
Delhi,Permitted by Govt of A P,
Nimra Nagar,Ibrahimpattam, Vijayawada-
521456, NTR Dist-AP.

Venue:
CLASS ROOM B-217

ABOUT THE COLLEGE:

NCET is recognized and known as the best college for Engineering & Management education in Coastal Andhra. The College provides its students with modern educational facilities while retaining traditional values, as well as using its strong industrial contacts to mould young, talented individuals who can compete in the global arena.

In an intensely competitive environment, the college has adopted a dynamic, global, high-quality, creative and communicative approach in education. The college aims at imparting high quality excellent education in Engineering and Technology to all categories of students.

COURSES OFFERED

B.TECH:

- Computer Science And Engineering
- Electronics And Communication Engineering
- Electrical And Electronics Engineering
- Mechanical Engineering
- Civil Engineering

P G COURSES:

- Computer Science and Engineering
- VLSI System Design
- CAD/CAM

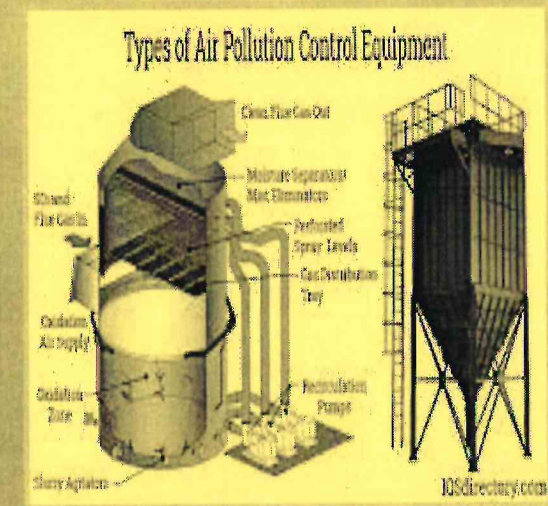
OBJECTIVES OF PROGRAMME

- ❖ Types of Air Pollution
- ❖ Major air Pollutants
- ❖ Sources of air pollution
- ❖ Effects of air pollution
- ❖ Air pollution control methods
- ❖ Pollution control at source
- ❖ Types of particulate matter pollutant



LEARNING OUTCOMES

- ❖ Air Pollution is a major environmental issue. It can affect the health and the life support systems as well.
- ❖ It is necessary to prevent the sources of air pollution. Due to air pollution destructive phenomena like acid rains, global warming etc can occur.
- ❖ By using the basic 5 process such as settling chambers, cyclone, electrostatic precipitators, bag houses and filters and scrubbers we can reduce the air pollution.






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 Ph : +91-866-2882010, Fax : +91-866-2881852
 e-mail : principal_nimra@yahoo.co.in website : <http://www.nimra.in>

NAME OF THE TOPIC: A Two week Certificate Programme on "MODERN AIR POLLUTION CONTROL TECHNIQUES"

LESSON PLAN		
S.NO	DATE	TOPIC TO BE COVERED
1	29-03-2021	Types of Air Pollution
2	30-03-2021	Major air Pollutants
3	31-03-2021	Sources of air pollution
4	01-04-2021	Effects of air pollution
5	03-04-2021	Air pollution control methods
6	05-04-2021	Pollution control at source
7	06-04-2021	Types of particulate matter pollutant
8	07-04-2021	Settling chambers
9	08-04-2021	Electrostatic Precipitators
10	09-04-2021	Bag house and Filters
11	10-04-2021	Wet Scrubbers
12	11-04-2021	Different types of gaseous Pollutants
13	15-04-2021	Ambient air quality standard in India
14	16-04-2021	Standard for vehicular emissions


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 e-mail : principal_nimra@yahoo.co.in website : http://www.nimra.in

Date:17-04-2021

PROGRAM REPORT

Name of the Event:

A Two week Certificate Programme on “MODERN AIR POLLUTION CONTROL TECHNIQUES”

Date: 29-03-2021 to 16-04-2021

Resource Person:

Mr. PHANIRAJA KRISHNA
 Assistant Professor
 Department Of Civil Engg,
 Mobile:9824356734
 E-mail: krishnaphani14@gmail.com

Name of Co-ordinator:

Mr. Mohammed Fariyaz,
 Asst. Professor.
 Dept. of Civil Engineering

Number of students attended:

Venue :Class Room B - 217.

Nimra College of Engineering and Technology, Organized a certificate Program on “MODERN AIR POLLUTION CONTROL TECHNIQUES” for the fourth year Civil students by the Resource Person.

1. Types of particulate matter pollutant
2. Settling chambers
3. Electrostatic Precipitators
4. Bag house and Filters
5. Wet Scrubbers
6. Different types of gaseous Pollutants
7. Ambient air quality standard in India

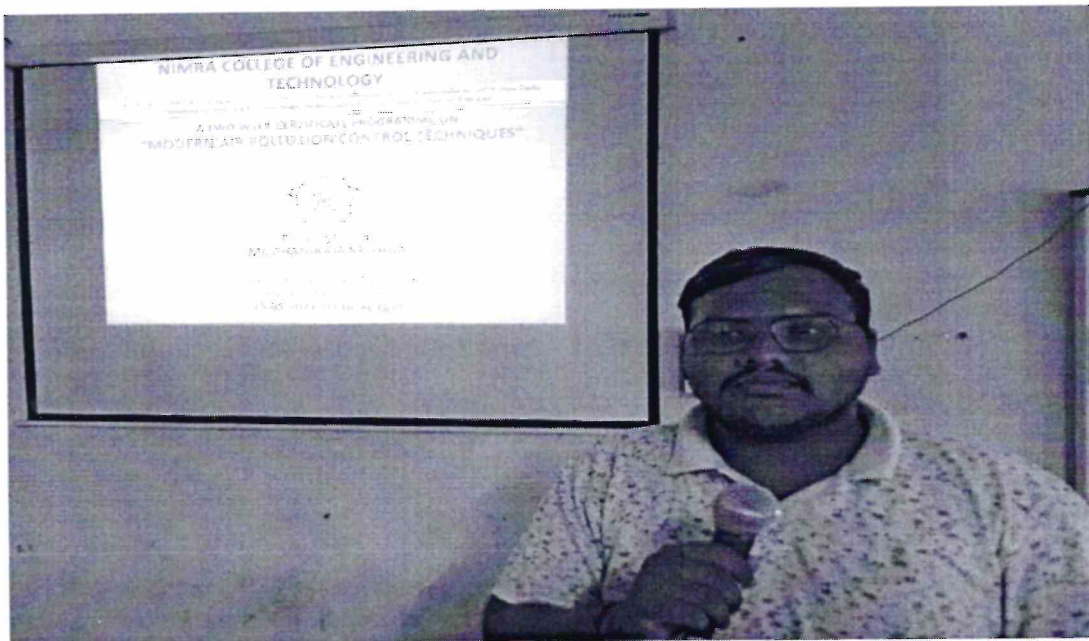
Objectives:

1. Types of Air Pollution
2. Major air Pollutants
3. Sources of air pollution
4. Effects of air pollution.
5. Air pollution control methods

6. Pollution control at source.

Learning Outcomes:

1. Air Pollution is a major environmental issue. It can affect the health and the life support systems as well.
2. It is necessary to prevent the sources of air pollution. Due to air pollution destructive phenomena like acid rains, global warming etc can occur.
3. By using the basic 5 process such as settling chambers, cyclone, electrostatic precipitators, bag houses and filters and scrubbers we can reduce the air pollution.



The Programme was very useful to the students and their feedback is positive. The management and Dr.AkbarKhan, Principal of NCET thanked the resource Person and participants for making the programme successful.


CO-ORDINATOR


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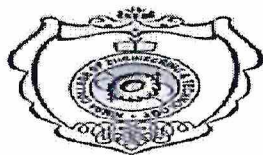
Name of the Program: A Two week Certificate Programme on "MODERN AIR POLLUTION CONTROL TECHNOLOGIES"

Date: 29-03-2021 to 16-04-2021

ENROLLED STUDENTS LIST

S.no	Reg.No	Name of the student	Year /Branch	Signature
1	17231A0101	DUDEKULA HUSSAIN	IV CIVIL	D. HUSSAIN
2	17231A0102	SHAIK KHALEEL	IV CIVIL	Shaik Khaleel
3	17231A0103	SHAIK MOHAMMED FAYAD HUSSAIN	IV CIVIL	shaik Mohamed fayad
4	17231A0104	SHAIK NAFEEZ	IV CIVIL	shaik Nafeez
5	17231A0105	SHAIK SAMEERA	IV CIVIL	shaik Sameera
6	17231A0106	SHAIK ANSAR JANI	IV CIVIL	S. ANSAR JANI
7	17231A0107	SYED SHABBIR	IV CIVIL	SYED SHABBIR
8	17231A0108	REHAN MURTAZA	IV CIVIL	R. Murtoza
9	17231A0109	SHAIK ABDULLA	IV CIVIL	Shaik Abdulla


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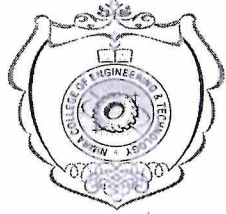
Name of the Program: A Two week Certificate Programme on "MODERN AIR POLLUTION CONTROL TECHNIQUES"

DAY-WISE SHEET

S.no	Reg.No	NAME OF THE STUDENT	29/3	30/3	31/3	1/4	3/4	5/4	6/4	7/4	8/4	9/4	10/4	11/4	15/4	16/4
1	17231A0101	DUDEKULA HUSSAIN	P	P	P	P	P	P	P	P	P	P	P	P	P	P
2	17231A0102	SHAIK KHALEEL	P	P	P	P	P	P	A	P	P	P	P	P	P	P
3	17231A0103	SHAIK MOHAMMED FAYAD HUSSAIN	P	P	P	P	P	P	P	P	P	P	P	P	P	P
4	17231A0104	SHAIK NAFEEZ	P	P	A	P	P	P	P	P	P	P	P	P	P	P
5	17231A0105	SHAIK SAMEERA	P	P	P	P	P	P	P	P	A	P	P	P	P	P
6	17231A0106	SHAIK ANSAR JANI	P	P	P	P	P	P	P	P	P	P	P	P	P	P
7	17231A0107	SYED SHABBIR	P	P	P	P	A	P	P	P	P	P	P	P	P	P
8	17231A0108	REHAN MURTAZA	P	P	P	P	P	P	P	P	P	P	P	P	P	P
9	17231A0109	SHAIK ABDULLA	P	P	P	P	P	P	P	P	P	P	P	P	P	P


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IBRAHIMPATNAM-521 456.
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NIMRA COLLEGE OF ENGINEERING AND TECHNOLOGY



(Estd By Nimra Educational Society(A Muslim Minority Society)

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Nimra Nagar, Ibrahimpatnam, VIJAYAWADA – 521 456, NTR DT, A.P. India

PARTICIPATION CERTIFICATE

THIS IS TO CERTIFY THAT

MR./MRS./MS. SHARK KHALEEL

HAS PARTICIPATED IN

“A TWO WEEK CERTIFICATE PROGRAMME ON MODERN AIR POLLUTION CONTROL TECHNIQUES”

ORGANISED BY NIMRA COLLEGE OF ENGINEERING AND TECHNOLOGY,

DEPARTMENT OF CIVIL ENGINEERING, NIMRA NAGAR, JUPUDI,

FROM 29-03-2021 TO 16-04-2021.

Fariyaz
Mr.Mohammed Fariyaz
Asst.,Professor,
Dept., of Civil Engineering
Co-Ordinator

Abbar Khan
Dr.AKBAR KHAN
Professor&Principal
Convenor

Abbar Khan
Dr.AKBAR KHAN
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