SHADAN COLLEGE OF ENGINEERING AND TECHNOLOGY

Affiliated to JNTUH | Approved by AICTE, New Delhi | Permitted by TS Govt.
HimayatSagar Road, Peerancheru, Hyderabad, Telangana State

S.NO	Particulars
1	**Faculty Development Programme Detaiils** • **Request letter to Principal** • **Acceptance Letter from Principal** • **Brochure** • **Circular** • **Contents of the Programme** • **FDP Schedule** • **Staff Attendance Sheet** • **Certificate of the Participant** • **Feedback Form** • **Photo of the Event** • **Summary of the Event**
2	**Workshop Details** • **Request letter to Principal** • **Acceptance Letter from Principal** • **Brochure** • **Circular** • **Contents of the Programme** • **FDP Schedule** • **Staff Attendance Sheet** • **Certificate of the Participant** • **Feedback Form** • **Photo of the Event** • **Summary of the Event**
3	**Administrative Programme Details** • **Request letter to Principal** • **Acceptance Letter from Principal** • **Brochure** • **Circular** • **Contents of the Programme** • **FDP Schedule** • **Staff Attendance Sheet** • **Certificate of the Participant** • **Feedback Form** • **Photo of the Event** • **Summary of the Event**

ABOUT SHADAN COLLEGE OF ENGINEERING & TECHNOLOGY

The dawn of globalization, liberalization and privatization in India gave impetus not just to the much needed economy but also to technical education. India can now boast of having the third largest pool of scientific and technical manpower in the world. The network of technical institutions which now span the country came into being in the 1990's. At present India is a leading force to reckon with in the fields of Software industry, Space science, Biotechnology, Nuclear science.

Shadan College of Engineering and Technology (SCET) we keep that light of the nation ablaze. The institution, ever since its foundation in 1995 is in the constant pursuit of keeping high the self imposed standards of excellence. Quality, Modernity and High Degree of Scientific Temperament pervade every facet of the institution,be it technical education, laboratories or infrastructure facilities. The campus is the abode of discipline, harmony and intellectual pursuit and abuzz with intense academic activity.

Highly qualified fraternity, sprawling campus, state-of-the-art laboratories, well equipped library, spacious playground and above all ever enthusiastic management make Shadan College Of Engineering And Technology (SCET)

ABOUT THE MECHANICAL ENGINEERING DEPARTMENT

The department has been rated very high in academic circles. The graduates from this department include many renowned technocrats, researchers and academicians working all over the world. The department provides a platform for the faculty and students of engineering colleges in the country to pursue their interest in basic and applied research. The department conducts various conferences, seminars and workshops on frontier areas of research in technical institution in India

CHIEF PATRON

Mr. Mohd. Shah Alam Rasool Khan,
Chairman- Shadan Educational Society

PATRON

Dr. Md Ateeq Ur Rahman.
Principal

CO-PATRONS

Prof. S. A. Muneem
Director (Administration)
Dr. B. Srinivas
Director (Academics)

CONVENER

Dr.A.Thillaivanam
Professor &Head
Mechanical Department

CO-ORDINATOR

Mr.Mohammed Mudassir Ahmed
Asst.Professor,Mechanical Department

,

:

FACULTY DEVELOPMENT PROGRAM

On

DESIGN OF EXPERIMENTS USING TAGUCHI TECHNIQUE

(08th July 2019 to 11th July 2019)
(11:30AM to 1:00PM & 2:00PM to3:30PM)

Organized by
Department of
MECHANICAL ENGINEERING

Shadan College of Engineering & Technology
An ISO 9000-2015 certified Institution
(Affiliated to JNTUH & Approved by AICTE, New Delhi)
Peerancheru, Himayath Sagar Road,
Hyderabad, -08, Telangana, India.
http://www.scet.in

Shadan College of Engineering & Technology College Code: 08 Hyderabad-86, T.S. Peeran Cheru

PRINCIPAL
Shadan College of Engineering & Technology
Peeran Cheru, Hyderabad-86, T.S.
College Code: 08

ESTD 1995

SHADAN COLLEGE OF ENGINEERING AND TECHNOLOGY
Established by SHADAN EDUCATIONAL SOCIETY
Approved by A.I.C.T.E and affiliated to JNTUH, Hyderabad
Website: www.scet.in E-mail: scet_shadan@yahoo.co.uk

Date: 13/6/2019

From

The Head of Department,

Department of Mechanical Engineering ,

Shadan College of Engineering and Technology,

Hyderabad – 08.

To,

The Principal,

Shadan College of Engineering and Technology

Hyderabad – 08.

Subject:- Requesting to conduct FDP ON "DESIGN OF EXPERIMENTS USING TAGUCHI TECHNIQUE" - Reg

Respected Sir,

The Department of MECHANICAL willing to conduct FDP ON"DESIGN OF EXPERIMENTS USING TAGUCHI TECHNIQUE" during July 2019, In this regard, I request you to give permission to conduct this program and provide us the required resources as per program requirement.

Yours Faithfully

HOD

Department of MECHANICAL

Head
Dept. of Mechanical Engineering
Shadan College of Engg. & Tech.
Peeranchеru, Himayat Sagar Road
Hyderabad - 500 086. (T.S.)

PRINCIPAL
Shadan College of Engineering & Technology
Peeran Cheru, Hyderabad-86, T.S.
College Code: 08

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SHADAN COLLEGE OF ENGINEERING AND TECHNOLOGY
Established by SHADAN EDUCATIONAL SOCIETY
Approved by A.I.C.T.E and affiliated to JNTUH, Hyderabad
Website: www.scet.in E-mail: scet_shadan@yahoo.co.uk

Date: 15/06/2019

To,

HOD,

Mechanical Department,

Shadan College of Engineering and Technology

Subject: - Granting to conduct FDP ON "DESIGN OF EXPERIMENTS USING TAGUCHI TECHNIQUE"

Dear Sir,

We are happy to give approval for FDP ON "DESIGN OF EXPERIMENTS USING TAGUCHI TECHNIQUE" MECH faculty from 08/07/2019 to 11/07/2019.

As requested by your good self, we are glad to accord approval to conduct the FDP ON "DESIGN OF EXPERIMENTS USING TAGUCHI TECHNIQUE" for MECH faculty from 08/07/2019 to 11/07/2019.

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Shadan College of Engineering & Technology College Code: 08 Hyderabad-86, T.S. Peeran Cheru

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Shadan College of Engineering & Technology
Peeran Cheru, Hyderabad-86, T.S.
College Code: 08

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SHADAN COLLEGE OF ENGINEERING AND TECHNOLOGY
Established by SHADAN EDUCATIONAL SOCIETY
Approved by A.I.C.T.E and affiliated to JNTUH, Hyderabad
Website: www.scet.in E-mail: scet_shadan@yahoo.co.uk

Date: 17/06/2019

Ref: SCET/2019

Circular

FDP ON "DESIGN OF EXPERIMENTS USING TAGUCHI TECHNIQUE"

The circular has been issued to bring you in notice, that MECHANICAL Department is conducting FDP on "DESIGN OF EXPERIMENTS USING TAGUCHI TECHNIQUE" from 08/07/2019 to 11/07/2019 for the development of faculty career growth and knowledge.

To
HOD – MECH (to inform all the Mech faculty)
MOHD MUDASSIR AHMED,
Assistant professor in MECH,
Program coordinator
Copy to:

1. The Director, Academics
2. The Director, Administration
3. IQAC.

Shadan College of Engineering & Technology College Code: 08 Hyderabad-86, T.S. Peeran Cheru

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Shadan College of Engineering & Technology
Peeran Cheru, Hyderabad-86, T.S.
College Code: 08

FDP ON "DESIGN OF EXPERIMENTS USING TAGUCHI TECHNIQUE"

FOR MECHANICAL ENGINEERING FACULTY

TAGUCHI TECHNIQUE

EXPERIMENTAL DESIGN FUNDAMENTALS Importance of experiments, experimental strategies, basic principles of design, terminology, ANOVA, MANOVA, steps in experimentation, sample size, normal probability plot, and linear regression models

SINGLE FACTOR EXPERIMENTS Completely randomized design, Randomized block design, Latin square design. Statistical analysis, estimation of model parameters, model adequacy checking, pair wise comparison tests

MULTIFACTOR EXPERIMENTS Two and three factor full factorial experiments, Randomized block factorial design, Experiments with random factors, rules for expected mean squares, approximate F- tests. 2K factorial Experiments.

SPECIAL EXPERIMENTAL DESIGNS Blocking and confounding in 2k designs. Two level Fractional factorial design, nested designs, Split plot design, Response Surface Methods.

TAGUCHI METHODS Steps in experimentation, design using Orthogonal Arrays, data analysis, robust design- control and noise factors, S/N ratios, parameter design, Multi-level experiments, Multi-response Optimization-Grey, TOPSIS and Fuzzy

PROGRAM COORDINATOR

PRINCIPAL
Shadan College of Engineering & Technology
Hyderabad-86, T.S.

Shadan College of Engineering & Technology
College Code: 08
Hyderabad-86, T.S.

FDP ON "DESIGN OF EXPERIMENTS USING TAGUCHI TECHNIQUE"

Department of MECH 2019-20
FACULTY Registration List

S.No	FACULTY NAME	DESIGNATION	SIGNATURE
1	Dr. NASEEB KHAN	PROFESSOR	
2	Dr. A. THILLAIVANAN	PROFESSOR	
3	Mr. ARUN KUMAR	ASSISTANT PROFESSOR	
4	Mr. AYUB ANSAR	ASSISTANT PROFESSOR	
5	Mr. N. RAJA SRIKANTH	ASSOCIATE PROFESSOR	
6	Mr. MOHD MOHIUDDIN	ASSISTANT PROFESSOR	
7	Mr. RAVINDER NILANKER	ASSISTANT PROFESSOR	
8	Mr. D. DINESH YADAV	ASSISTANT PROFESSOR	
9	Mr. GONA YARRAIAH	ASSISTANT PROFESSOR	
10	Mr. MIRZA SHOEB AHMED	ASSISTANT PROFESSOR	
11	Mr. SYED SALMAN	ASSISTANT PROFESSOR	
12	Mr. ABDUL RAHMAN	ASSISTANT PROFESSOR	
13	Mr. ASFAN MOHIUDDIN	ASSISTANT PROFESSOR	
14	Mr. MD SIDDIQUE	ASSISTANT PROFESSOR	
15	Mr. MOHD HABEEB ALI	ASSISTANT PROFESSOR	

The above mentioned faculty of MECH has registered for **FDP ON "DESIGN OF EXPERIMENTS USING TAGUCHI TECHNIQUE"** from 08/07/2019 to 11/07/2019.

The faculty are informed to meet Program coordinator: Mr Mr. MUDASSIR, Asst Professor from MECH Department.

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College Code: 08

HADAN COLLEGE OF ENGINEERING AND TECHNOLOGY
PEERANCHERU, R.R.District – 500008 (T.S)

LECTURE TAKEN REPORT

SR.NO.	TOPIC NAME	DATE OF COMPLETION	NUMBER OF FACULTY PRESENT
1	Importance of experiments, experimental strategies.	08-07-2019 FN	15
2	Basic principles of design, terminology, ANOVA, MANOVA	08-07-2019 AN	15
3	Normal probability plot, and linear regression models	09-07-2019 FN	15
4	Completely randomized design, Randomized block design, Latin square design. Statistical analysis	09-07-2019 AN	15
5	Estimation of model parameters, model adequacy checking, pair wise comparison tests	10-07-2019FN	15
6	Experiments with random factors, rules for expected mean squares, approximate F- tests. 2K factorial Experiments	10-07-2019 AN	15
7	Blocking and confounding in 2k designs. Two level Fractional factorial design, nested designs	11-07-2019 FN	15
8	Steps in experimentation, design using Orthogonal Arrays, data analysis, robust design- control and noise factors	11-07-2019 AN	15

PROGRAM COORDINATOR

HOD

Head
Dept. of Mechanical Engineering
Shadan College of Engg. & Tech.
Peeranchеru, Himayat Sagar Road
Hyderabad - 500 086. (T.S.)

Shadan College of Engineering & Technology
College Code: 08
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Peeran Cheru

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SHADAN COLLEGE OF ENGINEERING & TECHNOLGY

PEERANCHERU, HYDERABAD

FDP PROGRAM ON "DESIGN OF EXPERIMENTS USING TAGUCHI TECHNIQUE"

COURSE COORDINATOR:Mr. MMUDASSIR AHMED

ATTENDANCE SHEET

S.NO	FACULTY NAME	08-07-2019 (AN)	08-07-2019 (FN)	09-07-2019 (AN)	09-07-2019 (FN)	10-07-2019 (AN)	10-07-2019 (FN)	11-07-2019 (AN)	11-07-2019 (FN)
1	Dr. NASEEB KHAN								
2	Dr. A. THILLAIVANAN								
3	Mr. ARUN KUMAR								
4	Mr. AYUB ANSAR								
5	Mr. N. RAJA SRIKANTH								
6	Mr. MOHD MOHIUDDIN								
7	Mr. RAVINDER NILANKER								
8	Mr. D. DINESH YADAV								
9	Mr. GONA YARRAIAH								
10	Mr. MIRZA SHOEB AHMED								
11	Mr. SYED SALMAN								
12	Mr. ABDUL RAHMAN								
13	Mr. ASFAN MOHIUDDIN								
14	Mr. MD SIDDIQUE	SIP	SIP	SIP	SIP	SIP	SIP	SIP	SIP
15	Mr. MOHD HABEEB ALI								

COURSE COORDINATOR

Shadan College of Engineering & Technology, College Code: 08, Hyderabad-86, T.S., Peeran Cheru

HOD

Dept. of Mechanical Engineering
Shadan College of Engg. & Tech.,
Peerancheru, Himayat Sagar Road
Hyderabad

PRINCIPAL
Shadan College of Engineering & Technology
Peeran Cheru, Hyderabad-86, T.S.
College Code: 08

FDP ON "DESIGN OF EXPERIMENTS USING TAGUCHI TECHNIQUE"

08/07/2019 to 11/07/2019.

Department of Mechanical

I, Gona Yashiah Designation Assistant professor of MECHANICAL Engineering Department have attended the **FDP ON "DESIGN OF EXPERIMENTS USING TAGUCHI TECHNIQUE"** from **08/07/2019 to 11/07/2019.**

Course Program	Excellent(5)	Very good (4)	Good(3)	Satisfactory(2)	Bad(1)
The facilities provided by college are	✓				
Program Coordinator Explanation		✓			
Level of communication	✓				
Level of command		✓			
How much program was useful to the faculty	✓				
Overall Rating		✓			

Date: 11/07/2019

Gona Yashiah

Signature of the faculty

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Shadan College of Engineering & Technology College Code: Hyderabad-86, T.S. Peeran Cheru

SHADAN COLLEGE OF ENGG & TECH
PEERANCHERU, HYDERABAD
ESTD : 1995

SHADAN COLLEGE OF ENGINEERING AND TECHNOLOGY

Department of MECHANICAL Engineering

PARTICIPATION CERTIFICATE

This is to Certify that Mr./Ms. Gona Yaswah

Designation Assistant professor *of MECH Department has participated in FDP on "**DESIGN OF EXPERIMENTS USING TAGUCHI TECHNIQUE**" from **08/07/2019 to 11/07/2019** .*

Mr Mudassir Ahmed
Program Coordinator

Dr NASEEB KHAN
HOD, MECH Department

Dr.Md. Ateeq Ur Rahman
PRINCIPAL

SUMMARY REPORT

ON

"DESIGN OF EXPERIMENTS USING TAGUCHI TECHNIQUE"

BY MECH DEPARTMENT

The FDP ON "DESIGN OF EXPERIMENTS USING TAGUCHI TECHNIQUE" for MECH faculty has successfully been conducted at Shadan College of Engineering and Technology, Peerancheru. The program was conducted from 08/07/2019 to 11/07/2019 at mech department, for the Academic Year 2019-20.

This program was conducted for all the daily on topic of "**DESIGN OF EXPERIMENTS USING TAGUCHI TECHNIQUE**" by **Dr.V.V. SATYA NARYANA** Professor in MECH Department .**Total -15** faculty attended the program and the feedback was collected from them. It shown a high impact on faculty career. I thank all faculty of SCET for successful conduction of the program and special thanks to the speakers of the program. Finally, I thank the technical staff and volunteers for their support.

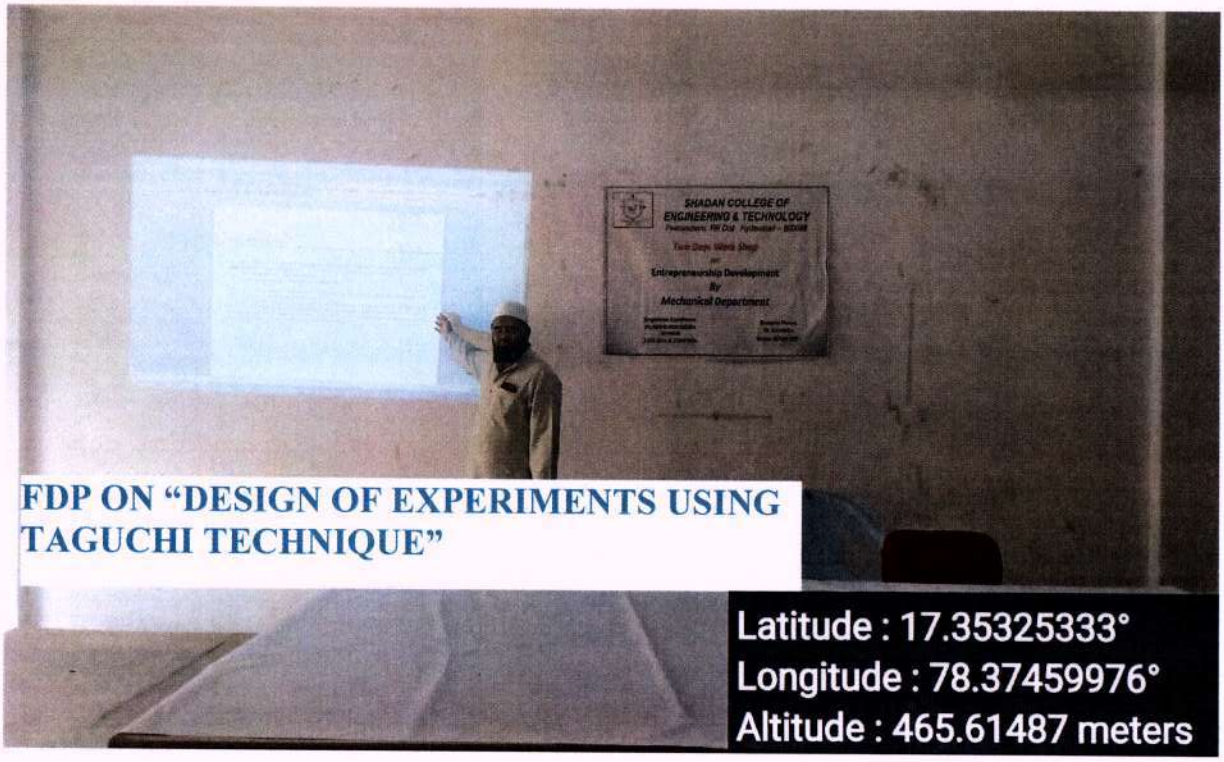
PROGRAM COORDINATOR

HOD
Head
Dept. of Mechanical Engineering
Shadan College of Engg. & Tech.
Peerancheru, Himayat Sagar Road
Hyderabad - 500 086. (T.S.)

Copy to:

1. The Principal
2. IQAC

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Shadan College of Engineering & Technology
Peeran Cheru, Hyderabad-86, T.S.
College Code: 08


SHADAN COLLEGE OF
ENGINEERING & TECHNOLOGY
Entrepreneurship Development
By
Mechanical Department
FDP ON "DESIGN OF EXPERIMENTS USING TAGUCHI TECHNIQUE"
Latitude : 17.35325333°
Longitude : 78.37459976°
Altitude : 465.61487 meters

ABOUT SHADAN COLLEGE OF ENGINEERING & TECHNOLOGY

The dawn of globalization, liberalization and privatization in India gave impetus not just to the much needed economy but also to technical education. India can now boast of having the third largest pool of scientific and technical manpower in the world. The network of technical institutions which now span the country came into being in the 1990's. At present India is a leading force to reckon with in the fields of Software industry, Space science, Biotechnology, Nuclear science.

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ABOUT THE MECHANICAL ENGINEERING DEPARTMENT

The department has been rated very high in academic circles. The graduates from this department include many renowned technocrats, researchers and academicians working all over the world. The department provides a platform for the faculty and students of engineering colleges in the country to pursue their interest in basic and applied research. The department conducts various conferences, seminars and workshops on frontier areas of research in technical institution in India

Shadan College of Engineering & Technology ★ Peeran Cheru ★ Hyderabad-86, T.S. College Code: 08

CHIEF PATRON

Mr. Mohd. Shah Alam Rasool Khan,
Chairman- Shadan Educational Society

PATRON

Dr. Md Ateeq Ur Rahman.
Principal

CO-PATRON

Prof. S. A. Muneem
Director (Administration)

CONVENER

Dr.Thillaivanam
Professor &Head
Mechanical Department

CO-ORDINATOR

Mr.Mohd Mohiuddin
Asst.Professor,Mechanical Department

NO REGISTRATION FEE

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Shadan College of Engineering & Technology
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College Code: 08

WORKSHOP

PROGRAM FOR THE FACULTIES OF MECHANICAL ENGINEERING

On

HEAT VENTILATION AND AIR CONDITIONING

(24th Oct 2019 to 28th Oct 2019)

Organized by
Department of
MECHANICAL ENGINEERING

Shadan College of Engineering & Technology

An ISO 9000-2015 certified Institution

(Affiliated to JNTUH & Approved by AICTE, New Delhi)
Peerancheru, Himayath Sagar Road,
Hyderabad, -08, Telangana, India.
http://www.scet.in

ESTD 1995

SHADAN COLLEGE OF ENGINEERING AND TECHNOLOGY
Established by SHADAN EDUCATIONAL SOCIETY
Approved by A.I.C.T.E and affiliated to JNTUH, Hyderabad
Website: www.scet.in **E-mail: scet_shadan@yahoo.co.uk**

Date: 21/10/2019

From

The Head of Department,

Department of Mechanical Engineering,

Shadan College of Engineering and Technology,

Hyderabad – 08.

To,

The Principal

Shadan College of Engineering and Technology

Hyderabad – 08.

Subject: -Requesting to conduct Certificate Course programmeand resource allocation - Reg

Respected Sir,

The Department of Mechanical isproposing to conduct CERITIFICATE COURSE PROGRAM for the facultiessof Mechanical engineeringon "**HVAC**" during October 2019, In this regard, I request you to give permission to conduct this programme and provide us the required resources as per programme requirements.

Topic	**From Date**	**To Date**	**Program Coordinator& Resource Person**
HVAC	24th October 2019	28th October 2019	Mr.Md. Mohiuddin, Professor in Mechanical ENGG.

Yours Faithfully

HOD

Department of Mechanical

PRINCIPAL
Shadan College of Engineering & Technology
Peeran Cheru, Hyderabad-86, T.S.
College Code: 08

Head
Dept. of Mechanical Engineering
Shadan College of Engg. & Tech.
Peerancheru, Himayat Sagar Road
Hyderabad - 500 086. (T.S.)

College of Engineering & Technology
College Code: 08
Hyderabad T.S
Shadan Peeran Cheru

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Approved by A.I.C.T.E and affiliated to JNTUH, Hyderabad
Website: www.scet.in **E-mail: scet_shadan@yahoo.co.uk**

Date: 22-10-2019

To,

HOD, MECHANICAL Department

Shadan College of Engineering and Technology

Subject: - Granting to conduct certificate programme on "HVAC"

Dear Sir,

As requested by your good self, we are glad to accord approval to conduct the certificate program on "HVAC"for the faculties of MECHANICAL From24-10-2019 to 28-10-2019. And Mr Md. Mohiuddin, Professor in MECHANICAL will be the Resource person and Program Coordinator for design and development of syllabus of above programme.

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Shadan College of Engineering & Technology, College Code: 08, Hyderabad-86, T.S., Peeran Cheru

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SHADAN COLLEGE OF ENGINEERING AND TECHNOLOGY
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Approved by A.I.C.T.E and affiliated to JNTUH, Hyderabad
Website: www.scet.in **E-mail: scet_shadan@yahoo.co.uk**

Date: 23-10-2019

Ref: SCET/2019

Circular

CERTIFICATE COURSE PROGRAMMEFOR MECHANICAL FACULTIES

All the faculties of (MECHANICAL Department) are informed that we are conducting a**CERTIFICATE COURSE PROGRAM** on **"HVAC"** from **24/10/2019 to 28/10/2019** From 4:30 PM to 7:30 PMfor the benefit of the faculties in their career. We encourage you allto actively participate in the above mentioned **CERTIFICATE COURSE PROGRAMME**

To
HOD – MECHANICAL

Mr.Md. Mohiuddin, professor in Mechanical. Programme coordinator

Copy to:

1. The Director, Academics
2. The Director, Administration
3. IQAC.

PRINCIPAL

PRINCIPAL
Shadan College of Engineering & Technology
Peeran Cheru, Hyderabad-86, T.S.
College Code: 08

CERTIFICATEPROGRAMME & TRAINING
ON
HEAT VENTILATION & AIR CONDITIONING
FOR ENGINEERING STUDENTS

Basic Fundamentals

- Standards & codes used in HVAC-R System
- Modes of heat transfer, Sensible and Latent Heat

REFRIGERANTS AND CYCLES

- Study on Refrigerants, Type of Refrigerant
- Practical hands on experience on Refrigeration Cycle.

Study on Psychometrics

- Properties of Air, Dry Bulb Temperature
- Wet Bulb Temperature, Dew Point Temperature
- Relative Humidity,Humidity Ratio

Components of Air-Conditioning and Refrigeration machines

- Basic Refrigeration System or Vapor Compression Cycle
- Working and classification of Compressors AND Condensers
- Function and classification of Expansion Valves AND Evaporators

Designing and Calculation of Heat Loads

- Dehumidified air and heat loadcalculations
- Finding 'U' Factor for the various material like Wall, Glass, Roof, Partition
- Ventilation and Infiltration Concept
- Heat Load Estimate (Man & SofT-E20),Heat Load Estimate (HAP Software)
- Tonnage (TR) & Air Flow (L/S, CFM) for Project

Classification of Air-Conditioning System

- Working and installation different kind of A/C's
- Centralized and non-centralized A/C's
- Selection and installation of Machine based on load

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Air Distribution System

- Types of Air Distribution System & Equipment's
- Types of AHU's, FCU, FAHU's and their installation
- Types of material used for air distribution system
- Selection of Fans

- Classification of Ducts
- Designing & Installation of Duct

Practical Applications and Visit Plant

PROGRAMME COORDINATOR

PRINCIPAL
Shadan College of Engineering & Technology
Peeran Cheru, Hyderabad-86, T.S.
College Code: 08

Shadan College of Engineering & Technology
College Code: 08
Hyderabad-86, T.S
Peeran Cheru

Certificate programme on "HVAC"
Department of MECHANICAL 2019-20
Faculty Registration List

S.NO	Name of the Faculty	SIGNATURE
1	Mr. N. RAJA SRIKANTH	
2	Mr. MOHD MOHIUDDIN	
3	Mr. MUDASSIR	
4	Mr. D. DINESH YADAV	
5	Mr. GONA YARRAIAH	
6	Mr. MIRZA SHOEB AHMED	
7	Mr. SYED SALMAN	
8	Mr. ABDUL RAHMAN	
9	Mr. ASFAN MOHIUDDIN	
10	Mr. MD SIDDIQUE	
11	Mr. MOHD HABEEB ALI	
12	Mr. RAVINDER NILANKER	
13	Mr. MOHD SOHAIL	
14	Mr. MOHAMMED MAKHDOOM MOHIUDDIN	

The above mentioned faculties of MECH has registered for WORKSHOP PROGRAMME & TRAINING On HVAC which will commence from 24/10/2019 to 28/10/2019.

The faculties are informed to meet Program coordinator: Mr Md. Mohiuddin, Assistant Professor in ME Department.

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Shadan College of Engineering & Technology
College Code: 08
Hyderabad-86, T.S.
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College Code: 08

SHADAN COLLEGE OF ENGINEERING & TECHNOLGY

PEERANCHERU, HYDERABAD

CERTIFICATE PROGRAMME& TRAINING (24-10-2019 to 28-10-2019)

Course NAME: HVAC

FACULTY NAME: Mr. Md. Mohiuddin

ATTENDANCE SHEET

S.NO		1	2	3	4	5	6	7	8	9	10
1	Mr. N. RAJA SRIKANTH										
2	Mr. MOHD MOHIUDDIN										
3	Mr. MUDASSIR										
4	Mr. D. DINESH YADAV										
5	Mr. GONA YARRAIAH										
6	Mr. MIRZA SHOEB AHMED										
7	Mr. SYED SALMAN										
8	Mr. ABDUL RAHMAN										
9	Mr. ASFAN MOHIUDDIN										
10	Mr. MD SIDDIQUE										
11	Mr. MOHD HABEEB ALI										
12	Mr. RAVINDER NILANKER										
13	Mr. MOHD SOHAIL										
14	Mr. MOHAMMED MAKHDOOM MOHIUDDIN										

COURSE COORDINATOR

Shadan College of Engineering & Technology College Code: 08 Hyderabad-86, T.S Peeran Cheru

PRINCIPAL
Shadan College of Engineering & Technology
Peeran Cheru, Hyderabad-86, T.S.
College Code: 08

HOD

Head
Dept. of Mechanical Engineering
Shadan College of Engg. & Tech.
Peerancheru, Himayat Sagar Road
Hyderabad - 500 086. (T.S.)

SHADAN COLLEGE OF ENGINEERING AND TECHNOLOGY
PEERANCHERU, R.R.District – 500008 (T.S)

LECTURE TAKEN REPORT

SR.NO.	TOPIC NAME	DATE OF COMPLETION	NUMBER OF STUDENTS PRESENT
1	Standards & codes used in HVAC-R System Modes of heat transfer, Sensible and Latent Heat	24-10-2019	14
2	Study on Refrigerants, Type of Refrigerant Practical hands on experience on Refrigeration Cycle	24-10-2019	14
3	Properties of Air, Dry Bulb Temperature Wet Bulb Temperature,Dew Point Temperature Relative Humidity,Humidity Ratio	24-10-2019	14
4	Basic Refrigeration System or Vapor Compression Cycle Working and classification of Compressors AND Condensers Function and classification of Expansion Valves AND Evaporators	25-10-2019	14
5	Dehumidified air and heat loadcalculations Finding 'U' Factor for the various material like Wall, Glass, Roof, Partition Ventilation and Infiltration Concept	25-10-2019	14
6	Heat Load Estimate (Man & SofT-E20), Heat Load Estimate (HAP Software) Tonnage (TR) & Air Flow (L/S, CFM) for Project	26-10-2019	14
7	Working and installation different kind of A/C's Centralized and non-centralized A/C's Selection and installation of Machine based on load	26-10-2019	14

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8	Types of Air Distribution System & Equipment's Types of AHU's, FCU, FAHU's and their installation Types of material used for air distribution system Selection of Fans	27-10-2019	14
9	Classification of Ducts Designing & Installation of Duct	27-10-2019	14
10	**Practical Applications and Visit Plant**	28-10-2019	14

PROGRAM COORDINATOR

HOD

Head
Dept. of Mechanical Engineering
Shadan College of Engg. & Tech,
Peerancheru, Himayat Sagar Road
Hyderabad - 500 086. (T.S.)

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FEEDBACK FORM OF FACULTY

I, MOHD SOHAIL Assistant Professor/Professor _____ of MECHdepartment have attended the Certificate Program on **HVAC** from24**th Oct 2019 to 28thOct 2019.**

The explanation of faculty is Excellent

The facilities provided by college are Very Good

(Excellent/VeryGood/Good/Satisfactory/Not Satisfactory)

Date: 28/10/2019

Signature of the Faculty

Md Yteq

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PEERANCHERU, HYDERABAD
ESTD : 1995

SHADAN COLLEGE OF ENGINEERING AND TECHNOLOGY

Department of Mechanical Engineering

PARTICIPATION CERTIFICATE

This is to Certify that Mr./Ms. HABEEB MD

has participated in ***WORKSHOP PROGRAMME & TRAINING*** ***on*** **AUTOCAD** *Organized by MECH Department from 19th June 2017 to 1st July 2017.*

Mr Rahmatullah Khan Sarvani
Program Coordinator

Dr T Sri Hari
HOD, MECH Department

Dr.Md. Ateeq Ur Rahman
VICE PRINCIPAL

SHADAN COLLEGE OF ENGINEERING AND TECHNOLOGY

Department of Mechanical Engineering

APPRECIATION CERTIFICATE

This is to Certify that Dr./Mr./Ms. Mr. RAHMATULLAH KHAN SARVANI

Designation: ASST. PROFESSOR *of MECHANICAL ENGINEERING has organized* ***CERTIFICATE PROGRAMME*** **on** ***AUTOCAD*** *Organized by MECH Department from 19th June 2017 to 1st July 2017.*

T. Srihari

Dr T Sri Hari
HOD, MECH Department

Md Ateeq

Dr.Md Ateeq Ur Rahman
PRINCIPAL



Work Shop on HEAT VENTILATION AND AIR CONDITIONING

Latitude : 17.353274
Longitude : 78.37460
Altitude : 465.89758

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ESTD 1995

SHADAN COLLEGE OF ENGINEERING AND TECHNOLOGY
Established by SHADAN EDUCATIONAL SOCIETY
Approved by A.I.C.T.E and affiliated to JNTUH, Hyderabad
Website: www.scet.in E-mail: scet_shadan@yahoo.co.uk

Date: 14/12/2017

From

The Head of Department,

Department of Mechanical Engineering ,

Shadan College of Engineering and Technology,

Hyderabad – 08.

To,

The Principal,

ShadanCollege of Engineering and Technology

Hyderabad – 08.

Subject:- Requesting to conduct Administrative Training Program For Non-Teaching Staff **"CAD/CAM"**- Reg

Respected Sir,

The Department of MECHANICAL willing to conduct administrative training program for non-teaching staff **"CAD/CAM"** during JAN 2018, In this regard, I request you to give permission to conduct this program and provide us the required resources as per program requirement.

Yours Faithfully

HOD

Department of MECHANICAL

Shadan College of Engineering & Technology College Code: 08 Hyderabad-86, T.S Peeran Charu

PRINCIPAL
Shadan College of Engineering & Technology
PEERAN CHERU,
HYDERABAD - 500 008

Head
Dept. of Mechanical Engineering
Shadan College of Engg. & Tech.
Peerancheru, Himayat Sagar Road
Hyderabad - 500 086. (T.S.)

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Approved by A.I.C.T.E and affiliated to JNTUH, Hyderabad
Website: www.scet.in E-mail: scet_shadan@yahoo.co.uk

Date: 17/12/2017

To,

HOD,

Mechanical Department,

Shadan College of Engineering and Technology

Subject: - Granting to conduct Administrative Training Program For Non-Teaching Staff **"CAD/CAM"**

Dear Sir,

We are happy to give approval for Administrative Training Program For Non-Teaching Staff from 20/01/2018 to 03/02/2018.

As requested by your good self, we are glad to accord approval to conduct Administrative Training Program For Non-Teaching Staff from 20/01/2018 to 03/02/2018.

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Approved by A.I.C.T.E and affiliated to JNTUH, Hyderabad
Website: www.scet.in E-mail: scet_shadan@yahoo.co.uk

Date: 18/07/2017

Ref: SCET/2017

Circular

ADMINISTRATIVE TRAINING PROGRAM FOR NON-TEACHING STAFF "CAD/CAM"

The circular has been issued to bring you in notice, that MECHANICAL Department is conducting "**CAD/CAM**" MECH faculty from 20/01/2018 to 03/02/2018 for the development of faculty.

To
HOD – MECH (to inform all the Mech Non-teaching faculty)
Mr.NASEEB KHAN
Associate professor in MECH,
Program coordinator
Copy to:

1. The Director, Academics
2. The Director, Administration
3. IQAC.

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ADMINISTRATIVE TRAINING PROGRAM FOR NON-TEACHING STAFF "**CAD/CAM**"

FOR MECHANICAL ENGINEERING FACULTY

Introduction to CAD, Criteria for selection of CAD workstations, Shigle Design Process, Design criteria, Geometric modeling, entities, 2D & 3D Primitives. 2D & 3D Geometric Transformations: Translation, Scaling, Rotation, Reflection and Shearing, conlatenation.

Surface entities, Surface Representation. Analytic Surface – Plane Surface, Ruled Surface, Surface of Revolution, Tabulated Cyliner. Synthetic Surface-Cubic, Bezier, B-spline, Coons.

Solid Modeling Techniques: Graph Based Model, Boolean Models, Instances, Cell Decomposition & Spatial – Occupancy Enumeration, Boundary Representation (B-rep) &

Feature Based Modeling, Assembling Modeling, Behavioural Modeling, Conceptual Design & Top Down Design. Capabilities of Modeling & Analysis Packages such as solid works, Unigraghics, Ansys, Hypermesh. Computer Aided Design of mechanical parts and Interference Detection by Motion analysis.

PROGRAM COORDINATOR

Shadan College of Engineering & Technology ★ College Code: 08 ★ Hyderabad-86, T.S ★ Peeran Cheru

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HYDERABAD - 500 008

ADMINISTRATIVE TRAINING PROGRAM FOR NON-TEACHING STAFF

Department of MECH 2017-18

Registration List

S.No	FACULTY NAME	DESIGNATION	SIGNATURE
1	Mr. SHAIK BAJI	LAB ASSISTANT	
2	Mr. GAIKWARD	LAB ASSISTANT	
3	Mr. R. SUNIL	LAB ASSISTANT	
4	Mr. K. SRINIVAS	LAB ASSISTANT	
5	Mr. SALEEM	LAB ASSISTANT	
6	Mr. B.SRINIVAS	LAB ASSISTANT	
7	Mr. G.REEDY	LAB ASSISTANT	
8	AHMED	LAB ASSISTANT	
9	NASEEER KHAN	LAB ASSISTANT	
10	Mr. SALMAN	LAB ASSISTANT	
11	Mr.KHALIQ	LAB ASSISTANT	
12	Mr.RAJESH	LAB ASSISTANT	
13	Mr.ZAHEER	LAB ASSISTANT	
14	Mr.ABBAS	LAB ASSISTANT	
15	Mr.AAFAQ	LAB ASSISTANT	

The above mentioned Non-Teaching staff has registered for been issued to bring you in notice, that MECHANICAL Department is conducting "ADMINISTRATIVE TRAINING PROGRAM FOR NON-TEACHING STAFF"

The faculty are informed to meet Program coordinator: Mr. NASEEB KHAN, Associate Professor From MECH Department.

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SHADAN COLLEGE OF ENGINEERING & TECHNOLGY

PEERANCHERU, HYDERABAD

ADMINISTRATIVE TRAINING PROGRAM FOR NON-TEACHING STAFF

COURSE COORDINATOR: Mr. NASEEB KHAN

ATTENDANCE SHEET

S.NO	FACULTY NAME	22-01-2018	23-01-2018	24-01-2018	25-01-2018	27-01-2018	29-01-2018	30-01-2018	31-01-2018	01-02-2018	02-02-2018
1	Mr. SHAIK BAJI	P	P	P	A	P	P	P	P	P	P
2	Mr. GAIKWARD	P	P	P	P	A	P	P	P	P	P
3	Mr. K. SUNIL	P	P	A	P	P	P	P	P	P	P
4	Mr. K. SRINIVAS	P	A	P	P	P	P	P	P	P	P
5	Mr. SALEEM	P	P	P	P	P	A	P	P	P	P
6	Mr. B.SRINIVAS	P	P	P	P	P	P	A	P	P	P
7	Mr. G.REEDY	P	P	P	P	P	P	P	A	P	P
8	AHMED	P	P	P	P	P	P	P	P	P	P
9	NASEEER KHAN	P	P	P	P	A	P	P	P	P	P
10	Mr. SALMAN	P	P	P	P	P	A	P	P	P	P
11	Mr.KHALIQ	A	P	P	P	P	P	P	P	P	P
12	Mr.RAJESH	P	P	P	P	P	P	P	P	P	A
13	Mr.ZAHEER	P	P	P	A	P	P	P	P	P	P
14	Mr.ABBAS	P	A	P	P	P	P	P	P	P	P
15	Mr.AAFAQ	P	P	P	P	A	P	P	P	P	P

COURSE COORDINATOR

HOD Dept. of Mechanical Engineering
Shadan College of Engg. & Tech.
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ESTD : 1995

SHADAN COLLEGE OF ENGINEERING AND TECHNOLOGY

Department of MECHANICAL Engineering

PARTICIPATION CERTIFICATE

This is to Certify that Mr./~~Ms.~~ SHAIK BAJI

Designation LAB Assistant *of MECH Department has participated in* Administrative Training Program For Non-Teaching Staff on **"MOTIVATION OF STAFF" from 11/07/2017 to 15/07/2017.**

Program Coordinator

HOD, MECH Department

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