CIRCULAR

All the I, II, III and IV year students & Staff are here by informed that a Technical Work shop on Heating, Ventilation & Air Conditioning (HVAC) is being conducted in the Department Mechanical Engineering on 26th and 27th Sep 2019. In view of this, all student & staff are hereby instructed attend the workshop without fail.

HOD

Head of the Department Humanities & Science
K.G. Reddy College of Engg. & Tech.,
Chilkur, Moinabad, R.R. Dist., T.S.

PRINCIPAL

Principal
K.G. Reddy College of Engineering & Technology
Chilkur (V), Moinabad (M),
R.R. Dist., Telangana.
Department of Humanities & sciences

Academic Year: 2019-20

Technical Workshops

Semester: I&II Sem

Report on

Two Day Technical Workshop 26th & 27th Sep 2019 on

Heating, Ventilation & Air Conditioning

(HVAC)

Mechanical CADD

Recent Trends in Mechanical Engineering

Organized by

Dhanush Engineering Services India Pvt Ltd.

CENTER CADD

&

Department Of Mechanical Engineering, KGRCE.

At

K.G. Reddy College of Engineering & Technology,

Submitted by

Mrs. M. Swaroopa

Assistant Professor,

Department Of Mechanical Engineering,

KGRCE.
Objectives:

At the end of the Workshop the students should be:

- Knowing fundamental air distribution principle to achieve consistent HVAC comfort and efficiency in buildings, plants and facilities.
- Understanding Air Conditioning courses.
- Able to apply components and uses of chillers, cooling towers, and other chilled water systems.

Outcomes:

The students will have understood:

- Fundamental air distribution principle to achieve consistent HVAC comfort and efficiency in buildings, plants and facilities.
- Air Conditioning courses.
- To apply components and uses of chillers, cooling towers, and other chilled water systems.
Day 1
26th Sep 2019

1) **Workshop on HVAC:**

Dhanush Engineering Services India Pvt Ltd
- How to use fundamental air distribution principles to achieve consistent HVAC comfort and efficiency in buildings, plants and facilities.
- Air Conditioning courses one day workshop for comprehensive HVAC maintenance coverage.
- Components, uses, and applications of chillers, cooling towers, and other chilled water systems.
- Job opportunities for HVAC.

Day 2
27th Sep 2019

1) **Workshop on Mechanical CADD:**

Center CADD India Pvt Ltd.
- SOLIDWORKS Essentials teaches how to use the SOLIDWORKS mechanical design automation software to build parametric models of parts and assemblies, and how to make drawings of those parts and assemblies.
- Training and job opportunities for learning SOLIDWORKS

2) **Guest Lecture on IC Engines:**
   Basics to Advanced concepts in Automobile Engineering.
   - It covers chassis design, working of Suspension unit, Steering System, Braking unit, Transmission, Fuel Supply System, IC Engine and Advanced Technologies like ABS, EBD, PGMFi, DTS-Fi, MPFi, VVTi.

3) **Guest Lecture on Ergonomics:**
   - Ergonomics for general industry.
   - Ergonomic consultations and services across INDIA.
   - Efforts to provide cost effective Ergonomics solutions and help the INDIAN society.
Resource Persons:

1) Mr. Kishore Bommidi.
   Training Officer.
   Dhanush Engineering Services India Pvt Ltd.
   Ameerpet, Hyderabad, Telangana, INDIA.
   Ph no: 040-40064413.
   Email: info@meptrainings.com.

2) Mrs. Lahari.
   Training Officer
   Canter CADD India Pvt Ltd.
   Hyderabad.

3) Mr. Akula Nagendra
   Professor
   Department Of Mechanical Engineering
   St. Peter's Engineering College, Dullapally, Komapally Road,
   Hyderabad.
   Ph no: 9949212625
   Email: nag2indra@gmail.com.

4) Ch. Venkata Rajan
   Visiting Professor
   Wipro,
   Hyderabad.
   Ph no: 7981989110.
Summary

Day 1

Two Day Technical Workshop stared with inauguration combined with EEE, Civil and Mechanical Engineering departments.

The session started with lightning of lamp followed by prayer. HOD’s of EEE, Civil and Mechanical Engineering Departments along with the Guest of Honor addressed the students and faculty gathered for the inaugurating secession and explained the importance of Technical Workshop. After the inaugurion secession is completed the workshop on HVAC has stared for I,II,III & IV year I semmechnical engineering students. Mr. Kishore Bommidi, Training Officer from Dhanush Engineering Services Pvt Ltd trained the students with Heating, Ventilation and Air Conditioning (HVAC) its importance in present industry, with some hand of problem solving, job opportunities. How to use fundamental air distribution principles to achieve consistent HVAC comfort and efficiency in buildings, plants and facilities. Air Conditioning courses one day workshop for comprehensive HVAC maintenance coverage. Components, uses, and applications of chillers, cooling towers, and other chilled water systems. Job opportunities for HVAC. The secession went on for full day with followed by lunch break.

Day 2

Day started at 10 AM with a guest Lecture on IC engines by Mr. Akula Nagendra, professor, St. Peter’s Engineering college. Mr. Nagendra gave a lecture in recent trends in IC engines Basics to Advanced concepts in Automobile Engineering. It covers chassis design, working of Suspension unit, Steering System, Braking unit, Transmission, Fuel Supply System, IC Engine and Advanced Technologies like ABS, EBD, PGMFi, DTS-Fi, MPFi, VVTI.

After a refreshment break the secession started with Mrs. Lahari. Training Officer Canter CADD India Pvt Ltd. Mrs. Lahari addressed the students with the importance of learning the CAD software’s like Solid Works, Catia and AutoCAD. Job opportunities and the work scenario in the present world. After Lunch Break Ch. Venkata Rajan, Visiting Professor, Wipro, Hyderabad gave a guest Lecture to the students on Ergonomics for general industry. Ergonomic consultations and services across INDIA. Efforts to provide cost effective Ergonomics solutions with some hand on solving problems.
Certificate distributed to the all the participated students by Mr. Mahesh R. Reddy, HOD, Department of Mechanical Engineering.
The workshop ended with vote of thanks by Mr. Praveen Kumar Assistant Professor, Department Of Mechanical Engineering, KGR CET.

Photographs with Description

Two Day Technical Workshop Inauguration by Light Lamping followed by prayer song.

Gathering of students for inauguration function
Mr. Kishore Bommidi, Training Officer Dhanush Engineering Services Pvt Ltd addressing the students for HVAC

Students participating in the HVAC Workshop

Mr. Kishore Bommidi, addressing the students
Mr. Kishore Bommidi, addressing the students

Students at HVAC Workshop
Mr. Akula Nagendra, professor, Department of Mechanical Engineering St. Peter's Engineering College giving Guest Lecture on IC Engines.

Mr. Akula Nagendra, professor, Department of Mechanical Engineering St. Peter's Engineering College giving Guest Lecture on IC Engines.
Mrs. Lahari, Training Officer Canter CADD India Pvt Ltd workshop on Mechanical CADD

Mrs. Lahari addressing the gather students

Ch. Venkata Rajan, Visiting Professor, Wipro, Hyderabad giving a Guest Lecture on Ergonomics
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Participation Certificate Distribution by Mr. Mahesh R. Reddy, HOD, Department of Mechanical Engineering
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