



## SRI SHANMUGHA COLLEGE OF ENGINEERING AND TECHNOLOGY

[Approved by AICTE, Affiliated to Anna University and Accredited by NAAC & NBA (CSE, ECE & MECH)]

Pullipalayam, Morur (Post), Sankari (Tk), Salem (Dt) – 637 304

Website: [www.shanmugha.edu.in](http://www.shanmugha.edu.in) Contact Number: 04283-262901

# MOU



## Department of Mechanical Engineering

## Minutes of Department Advisory Committee (DAC) Meeting

As per the schedule DAC meeting was conducted on 12<sup>th</sup> June 2018 at 11.30 am in the college premise with the followings members. The following points were discussed during the meeting and the minutes were recorded as below,

1. Dr.R.Radhakrishnan, welcomed all the members for the Department Advisory Committee meeting for the academic year (2018-19).
2. Dr.N.Sundaramoorthy, presented the academic plan of the department for the odd semester academic year (2018-19).
3. Mr.R.Sakthivel insisted the importance and opportunities of Piping, fire and safety system design and suggested to make awareness and activities related to the same among the students. Also he advised the students to work on interdisciplinary projects with novelty for the effective practical learning.
4. Dr.R.Kumaravelan suggested to arrange the few guest lectures focused on legislation for engineers (LLP) and advised to improve the entrepreneurship based activities among the students for sustainability .He also insisted the importance of funding and research activities for the industry based projects in their respective specialization to strengthen the research area.
5. Dr.N.Sundaramoorthy,submit about the identified gaps in Manufacturing Technology –II based on CO attainment level in Academic year 2017-18 which is taken for discussion. He also said about the attainment of Course Outcomes and its improvements by the impact of the events organized for the identified curricular gaps.in previous academic year 2016-17. Mr.R.Sakthivel, had suggested that, we should keep on identifying gaps in Curriculum aspects and conducting events to fulfill those in Current academic year.
6. Mr.S.Manikandan said the Automobile Engineering related papers can be focused well for better placement and more events should be carried on those Catalytic Convertor skills.
7. Dr.R.Radhakrishnan, advised to improve the research and consultancy activities in the department.
8. Dr. N.Sengottayan, advised to direct the faculty members and students to attend the workshops, seminars and guest lectures organized by reputed institutions to accumulate and strengthen the knowledge relevant to their specialization.
9. Mr.S.Manikandan requested the department to promote and make aware of the professional activities carried out by the students to the society. He also insisted to provide the software and infrastructure relevant to additive manufacturing for the department.
10. Finally Dr N Sundaramoorthy summarized the points discussed in the meeting and thanked the members for their participation in the meeting.
11. The draft copy prepared by the DAC is then submitted to IQAC/Governing Council (GC) for their approval.
12. The meeting ended with thanks note and next meeting is scheduled to review the same during next semester.

S. No.	Name of the Member	Designation	Representation	Signature
1.	Dr.R.Radhakrishnan	Professor/ Dept of ECE	Principal	<i>[Signature]</i>
2.	Dr. N.Sengottayan	Professor/ Dept of CSE	Director/ Academic	<i>[Signature]</i>
3.	Dr.G.Kavitha	Professor/ Dept of CSE	Vice Principal	<i>[Signature]</i>
4.	Dr.N.Sundaramoorthy	Professor & Head / Dept. of Mech Engg	Chairperson	<i>[Signature]</i>
5.	Dr.T.R.Chinnusamy	Associate Professor / Dept. of Mechanical Engg	Senior Faculty	<i>[Signature] 12/6/18</i>
6.	Dr.R.Kumaravelan	Professor & Head / Dept. of Mechanical Engg, Velalar College of engineering and technology	Academician	<i>[Signature] 12/6/18</i>
7.	Mr.R.Sakthivel	HR Manager,L&T infrastructure engineering ltd	Industry Nominee	<i>[Signature] 12/6/18</i>
8.	Mr.I.Prabu	Assistant Professor / Dept. of Mechanical Engg	Coordinator	<i>[Signature] 12/6/18</i>
9.	Mr.R.Boopathi	Assistant Professor / Dept. of Mechanical Engg	Faculty member	<i>[Signature] 12/6/18</i>
10.	Mr.M.Kandhasamy	Assistant Professor / Dept. of Mechanical Engg	Faculty member	<i>[Signature] 12/6/18</i>
11.	Mr.M.Goudilyan	Assistant Professor / Dept. of Mechanical Engg	Faculty member	<i>[Signature] 12/6/18</i>
12.	Mr.V.Nivash	Assistant Professor / Dept. of Mechanical Engg	Faculty member	<i>[Signature] 12/6/18</i>
13.	Mr.E.Gopinath	Assistant Professor / Dept. of Mechanical Engg	Faculty member	<i>[Signature] 12/6/18</i>
14.	Mr.S.Manikandan	Stakeholder	Alumni	<i>[Signature]</i>
15.	Mr.M.Tamilselvan	Stakeholder	Alumni	<i>[Signature]</i>
16.	Mr.P.Ranjith	Stakeholder	Student member	<i>[Signature]</i>
17.	Mr.S.Shanmugham	Stakeholder	Parent	<i>[Signature]</i>

Copy to:

The Principal

Circulate among DAC member

PRINCIPAL,  
SRI SHANMUGHA COLLEGE OF  
ENGINEERING & TECHNOLOGY,  
PULLIPALAYAM. MORUR-637304,  
SANKAGIRI(TK). SALEM(DT). T.N.



## SRI SHANMUGHA COLLEGE OF ENGINEERING AND TECHNOLOGY

Pullipalayam, Morur (Po), Sankari (Tk)

### Department of Mechanical Engineering

**Academic year-(2018-19)**

#### Action taken report

S.No	Points Discussed	Action taken
1	Awareness in Piping, fire and safety system design	Guest lecture and awareness on Piping, fire and safety system design will be arranged
2	Guest Lecture on LLP and Entrepreneurship	Guest lecture on LLP and Entrepreneurship will be arranged
3	Improvement in research and consultancy activities	Faculty members were encouraged to submit project proposal and to do consultancy activities
4	Improvement in faculty participation in workshop, seminar in reputed institutions	Faculty members were asked to identify workshops ,seminars organized by reputed institutions

  
**HoD/Mech**  
HEAD OF THE DEPARTMENT,  
DEPT. OF MECHANICAL ENGINEERING  
Sri Shanmuga College of Engineering & Tech.  
PULLIPALAYAM, MORUR-637304.



**PRINCIPAL,**  
**SRI SHANMUGHA COLLEGE OF**  
**ENGINEERING & TECHNOLOGY,**  
**PULLIPALAYAM, MORUR-637304.**  
**SANKAGIRI(TK).SALEM(DT).T.N.**

आरतीय गैर न्यायिक

बीस रुपये

Rs.20

₹.20

TWENTY  
RUPEES

INDIA NON JUDICIAL

தமிழ்நாடு தமில்நாடு TAMIL NADU

42AB 652428

Vland's Best Hub

V. Radhamani

MEMORANDUM OF UNDERSTANDING

V. RADHAMANI

Kalveeran Priyam

Che - 641046, Tamil Nadu

MAY 2017

This MOU made at Sri Shanmuga College of Engineering & Technology, Salem on 24.05.2017 between Sri Shanmuga College Of Engineering and Technology, Tiruchengode, Sankari Main Road, Pullipalayam, Morur(Po), Sankari (Tk), Salem (Dt) – 637 304, Tamilnadu, INDIA, the FIRST PARTY

AND

VLAND'S BEST Hub, No:105, 3<sup>rd</sup> Floor, Sri Vel Towers, 11<sup>th</sup> Street, Tata Bad, Coimbatore-641012, TamilNadu, India, the SECOND PARTY

The expression "First Party" or "Sri Shanmuga College of Engineering & Technology" wherever appears would mean any person authorized by Sri Shanmuga College of Engineering & Technology

The First party Is having a principal place of office as Sri Shanmuga College Of Engineering and Technology, Tiruchengode, Sankari Main Road, Pullipalayam, Morur(Po), Sankari (Tk), Salem (Dt) – 637 304, Tamilnadu, INDIA. VLAND'S BEST Hub should make correspondence and communications to the above address or [vc@shanmuga.edu.in](mailto:vc@shanmuga.edu.in)

First Party

Second Party

PRINCIPAL,  
SRI SHANMUGA COLLEGE OF  
ENGINEERING & TECHNOLOGY,  
PULLIPALAYAM, MORUR-637 304.  
SANKAGIRI(TK), SALEM(DT).T.N.



The expression "Second party" "VLAND'S BEST Hub" wherever appears would mean and include their Directors, officials, representatives, and any person authorized by VLAND'S BEST Hub

The Second party is having a principal place of office as **VLAND'S BEST HUB, NO: 105,3RD FLOOR, SRI VEL TOWERS, 11<sup>TH</sup> STREET, TATABAD, COIMBATORE-641012, TAMILNADU, INDIA.** The First Party should make all correspondences and communications to the above address or to [admin.vbh@vland.co](mailto:admin.vbh@vland.co) & [vp@vland.co](mailto:vp@vland.co)

Whereas as part of the expansion of the development activities, the both parties has decided to establish a center and start a value added Courses for students, In focus Sri Shanmuga College Of Engineering and Technology

#### TERMS AND CONDITIONS

1. The Both Parties has to maintain the highest possible standards and professionalism in marketing & administration of the courses and the usage of the Resources, Infrastructure
2. Both Party authorize each other to use the name and logo of VLAND'S BEST Hub & Sri Shanmuga College Of Engineering and Technology not adding or omitting any words, to the extent authorized by both parties for the specified courses
3. Both Parties shall discuss and review monthly project report, giving the details of students enrolled, topics covered, students attendance, Faculty as well as action plan for future
4. All the Students must attend the training program throughout session with dedication and discipline

#### 5. ROLES & RESPONSIBILITIES OF SRI SHANMUGHA COLLEGE OF ENGINEERING AND TECHNOLOGY

- The College shall provide all facilities like hall, computers, Projectors, training aids for assignment execution (Up keeping the facility as needed for Training Requirements)
- Students Allocation & Batch Schedule For the Training
- The College shall provide food for the Trainer during training
- Assure No. of Students given in Clause 12
- Training Time & Semester as mentioned in ANNEXURE 1
- Payment as mentioned in Clause 12
- Give all necessary guidance for successful certification/ enhancing student knowledge
- **Minimum of 50 students** should attend the onsite technical training program per batch/ Department



First Party



Second Party



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SRI SHANMUGHA COLLEGE OF  
ENGINEERING & TECHNOLOGY,  
PULLIPALAYAM, MORUR-637 304.  
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## **6. ROLES & RESPONSIBILITIES OF VLAND'S BEST Hub**

- Course Content Design & Delivery in Tandem with industry Quality and Industry Readiness.
- Complete Administration of the course including registration, Feedback of trainers in prescribed format, managing the training venue & necessary support as required for the trainer
- Staff selection, Coordination Management and Performance Review & Correction
- Maintaining professional standards in course content, delivering and certification
- Deputing qualified and experiencing trainers
- VLAND'S BEST HUB will provide Industrial Concepts to students by IIT'ian and Industrialist during the technical training program

## **7. GENERAL OBLIGATIONS**

- Both parties will have every right to accept or reject the students' registrations, if no documents or fee is paid in time or delay in admission registration or exam registration or any other reason mutually agreed.
- Any statutory fees/ taxes such as VAT, Service Tax, etc. relating to the business or operation are to be monitored, collected from trainees along with the fees.
- Payment to VLAND'S BEST Hub is completely based on the dedicated engagement as committed.

## **8. QUALITY OF TRAINING**

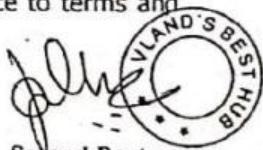
- Excellent quality is the most important factor in the success of the program. Both Parties should follow continuous quality improvement norms
- Both parties shall Review the trainers and trainees performance and make suggestions to improve

## **9. VALIDITY OF MOU**

- This MOU shall remain valid for a period of 4 Years from the date of its execution, further which can be extended based on the performance and adherence to terms and conditions.



First Party



Second Party



PRINCIPAL,  
SRI SHANMUGHA COLLEGE OF  
ENGINEERING & TECHNOLOGY,  
PULLIPALAYAM, MORUR-637304,  
SANKACIRI(TK). SALEM(DT).T.N.

- This MOU can be renewed/ extended after the successful completion of the terms and conditions by both parties for the period agreed with a mutual written consent of the parties. The terms and conditions renewed/ extended agreement shall be in writing and signed by both parties.

#### **10. COURSE FEE**

The course fee shall be collected by the First Party & the share of the second party shall be remitted to VLAND'S BEST Hub by means of DD/TT/ Cheque -All are subject to realization

#### **11. COMMERCIAL**

Sri Shanmuga College Of Engineering and Technology agrees to engage "VLAND'S BEST Hub" for providing services to train their Students in Campus + Training on Mechanical and Civil Software for Sri Shanmuga College Of Engineering and Technology Mechanical and Civil Department Students

The professional fee for the Professional program would be

- For Mechanical Student Program Fees - Rs. 25000/- (Rupees Twenty five thousand rupees only) per student per entire four years for current batch students only
- For Civil Student Program Fees - Rs. 21000/- (Rupees Twenty one thousand rupees only) per student per entire four years for current batch students only
- But fees will change for the next batch students depending upon the economic conditions

**12. Annexure -Course Fees, Course Duration & Course stages are attached along separately & mutually agreed upon by both parties. Tentative syllabi are attached. The Course Schedule is as per the mutual agreement on case to case basis, depending on the needs of the students, availability & will be agreed upon before the start of each course.**

**13. Both Parties understood the roles and responsibilities and agrees to stand by and do the said activities to make this program a success for the benefits of the students and executives in and around Coimbatore and Salem**



First Party



Second Party



**PRINCIPAL,  
SRI SHANMUGA COLLEGE OF  
ENGINEERING & TECHNOLOGY,  
PULLIPALAYAM, MORUR-638004,  
SANKAGIRI(TK), SALEM(DT), T.N.**

**14. VLAND'S BEST HUB** will provide **INTERNSHIP TRAINING PROGRAM IN FOREIGN COUNTRIES and ACROSS INDIA** for best outgoing students from the training program

**15.**This Memorandum of Understanding is signed on **24<sup>th</sup> MAY 2017** at Sri Shanmuga College Of Engineering and Technology between VLAND'S BEST Hub and 'Sri Shanmuga College Of Engineering and Technology' with the witnesses thereof:

**16.**Single point of contact from Sri Shanmuga College Of Engineering and Technology will be **MR.S.PRABAHAR**, Vice Chairman of Sri Shanmuga College Of Engineering and Technology and for VLAND'S BEST Hub will be **MR.SATHISH KUMAR RAJU**, Manager.

For VLAND'S BEST Hub,



Managing Director,  
VLAND'S BEST HUB  
(Second Party)

For Sri Shanmuga College Of Engineering  
and Technology,



Vice Chairman,  
Sri Shanmuga College Of Engineering  
and Technology  
(First Party)

Witness:

R. Sathish Kumar  
1. Signature

Name: Sathish Kumar Raju

Address: No:105, 3<sup>rd</sup> floor Sri Vel Towers  
11th street, Tala Bazar  
Coimbatore - 641012

First Party

2. Signature

Mulhaiah  
placement officer

Sri Shanmuga College  
Engg. & Tech  
Salem

Second Party

PRINCIPAL,  
SRI SHANMUGA COLLEGE OF  
ENGINEERING & TECHNOLOGY,  
PULLIPALAYAM, MORUR-637304.  
SANKAGIRI(TK).SALEM(DT),T.N.

## ANNEXURE – 1

The Professional Fees for Campus+ Program is mentioned below:

### Course Wise Split Up For Mechanical Engineering students

Campus Plus Course Split Up	Course Duration	Course Fees Split Up
AutoCAD 2D & 3D (2 <sup>nd</sup> Semester End)-I year	60 Hrs	2500
Plumbing and Fire Fighting (3 <sup>rd</sup> Semester End) -II year	80 Hrs.	6000
Solid Works (4 <sup>th</sup> Semester End)-II year	60 Hrs.	3000
HVAC Design (5 <sup>th</sup> Semester End)-III-Year	80 Hrs.	6000
Ansys (6 <sup>th</sup> Semester End)-III year	50 Hrs.	3500
MasterCAM (7 <sup>th</sup> Semester End)-IV year	50 Hrs.	4000

### For Civil Engineering students

Campus Plus Course Split Up	Course Duration	Course Fees Split Up
AutoCAD 2D & 3D (2 <sup>nd</sup> Semester End)-I year	60 Hrs	2500
Revit Architecture (3 <sup>rd</sup> Semester End) -II year	50 Hrs	3000
Plumbing and Fire Fighting (4 <sup>th</sup> Semester End) -II year	80 Hrs.	6000
Staad. pro (5 <sup>th</sup> Semester End)-III year	50 Hrs.	3500
ETABS (6 <sup>th</sup> Semester End)-III-Year	40 Hrs	3000
Primavera (7 <sup>th</sup> Semester End)-IV year	40 Hrs.	3000

**Note:**

1. 30% of the amount should be released before attending the training program.
2. 70% of the amount should be paid upon the completion of training program.

First Party

  
LAND'S BEST  
BOTH

Second Party

PRINCIPAL,  
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ENGINEERING & TECHNOLOGY,  
PULLIPALAYAM, MORUR-637304,  
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Website: [www.shanmuga.edu.in](http://www.shanmuga.edu.in) Contact Number: 04283-262901

### DEPARTMENT OF MECHANICAL ENGINEERING

Date: 21.12.2017

From

The Head of the Department,  
Department of Mechanical Engineering,  
Sri Shanmuga College of Engineering and technology,  
Sankari

To

The Principal  
Sri Shanmuga College of Engineering and technology,  
Sankari

Respected Sir,

Subject: Permission letter for conducting certificate course for Mechanical Engineering student's reg.

With kind respect, I would like to inform you that V LANDS BEST HUB pvt Ltd, Coimbatore is going to conduct AUTO.CAD training for III year mechanical Engineering students from 05.01.2018 to 11.01.2018. I assure that this training will be benefitted to our student for placement. So I request you to give permission to conduct this training for our student benefit. I have attached the training detail with this letter for your reference.

Thanking you

Faculty Incharge

HoD/Mechanical

HEAD OF THE DEPARTMENT,  
DEPT. OF MECHANICAL ENGINEERING,  
Sri Shanmuga College of Engg. & Tech.,  
PULLIPALAYAM, SANKARI-637 304.

PRINCIPAL,  
SRI SHANMUGHA COLLEGE OF  
ENGINEERING & TECHNOLOGY,  
PULLIPALAYAM, MORUR-637 304.  
SANKAGIRI(TK).SALEM(DT).T.N.

Principal

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Department of Mechanical Engineering

Date: 21.12.2017

SSCET/CTC/MECH/2017/2

### CIRCULAR

It is proposed to conduct the certificate training course is AUTO CAD on 05.01.2018 to 11.01.2018 for III year mechanical Engineering students. So all the students are advised to attend the program without fail.

**Session handling:** Mr.S.Karthick & K.Jagaratchagan V LAND'S best hub pvt ltd, Coimbatore.

**Time:** 9.00 am to 5.00 pm

Faculty Incharge

HoD/Mechanical

HEAD OF THE DEPARTMENT,  
DEPT. OF MECHANICAL ENGINEERING,  
Sri Shanmuga College of Engg. & Tech.,  
PULLIPALAYAM, SANKARI-637 304.

#### Copy to:

1. Chairman/ Vice chairman for kind information
2. Circulate to all classes
3. Circulate to all class advisors
4. Department files

PRINCIPAL,  
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ENGINEERING & TECHNOLOGY,  
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SANKAGIRI(TK). SALEM(DT). T.N.

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Website: [www.shanmugha.edu.in](http://www.shanmugha.edu.in) Contact Number: 04283-262901

Department of Mechanical Engineering

Year/Sem:

Subject: Auto CAD

ASSEMBLY DRAWING – FLANGED COUPLING

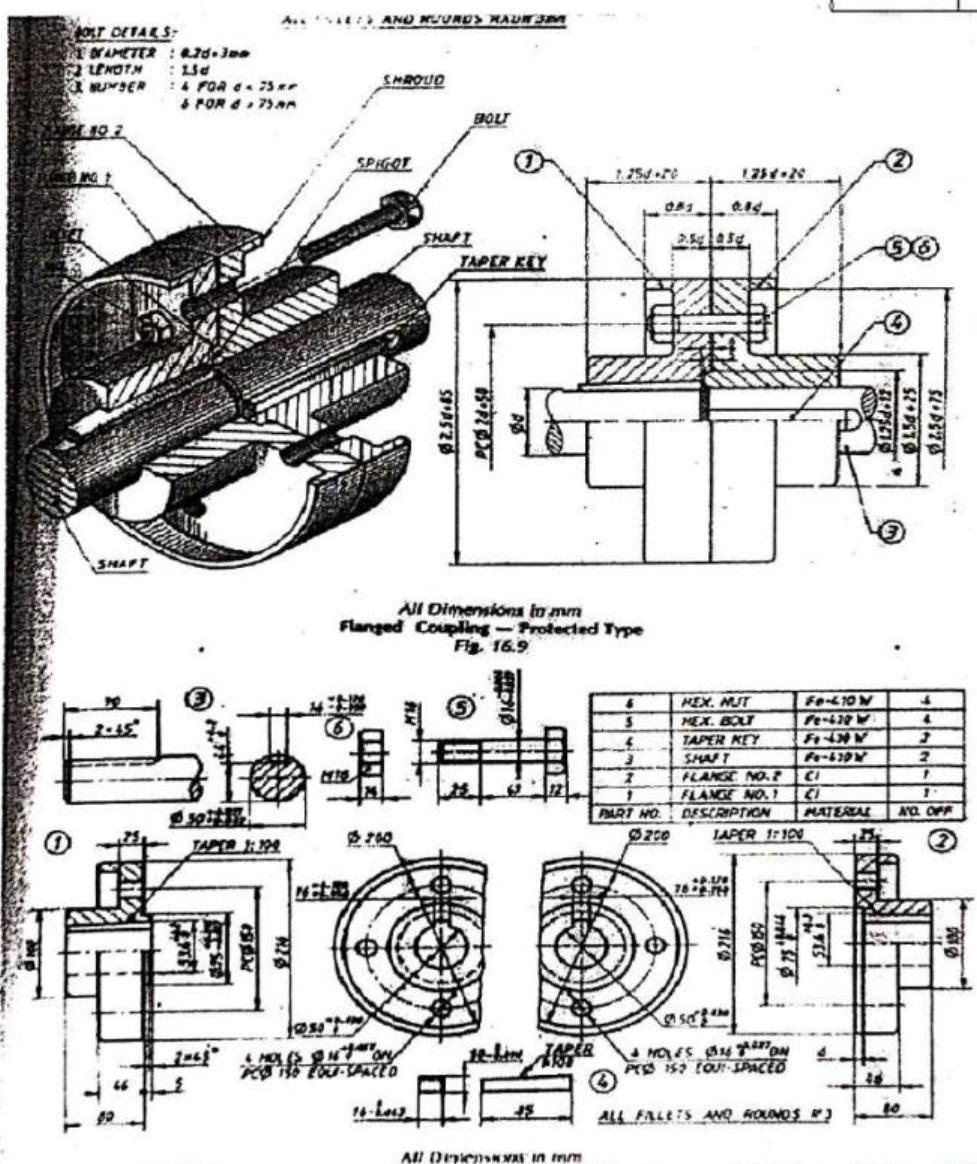
Name:

Register no:

Max marks: 30

Marks Obtained:

Design	Assembly





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Department of Mechanical Engineering

**Year/Sem:**

**Subject: Auto CAD**

## ASSEMBLY DRAWING – PLUMMER BLOCK

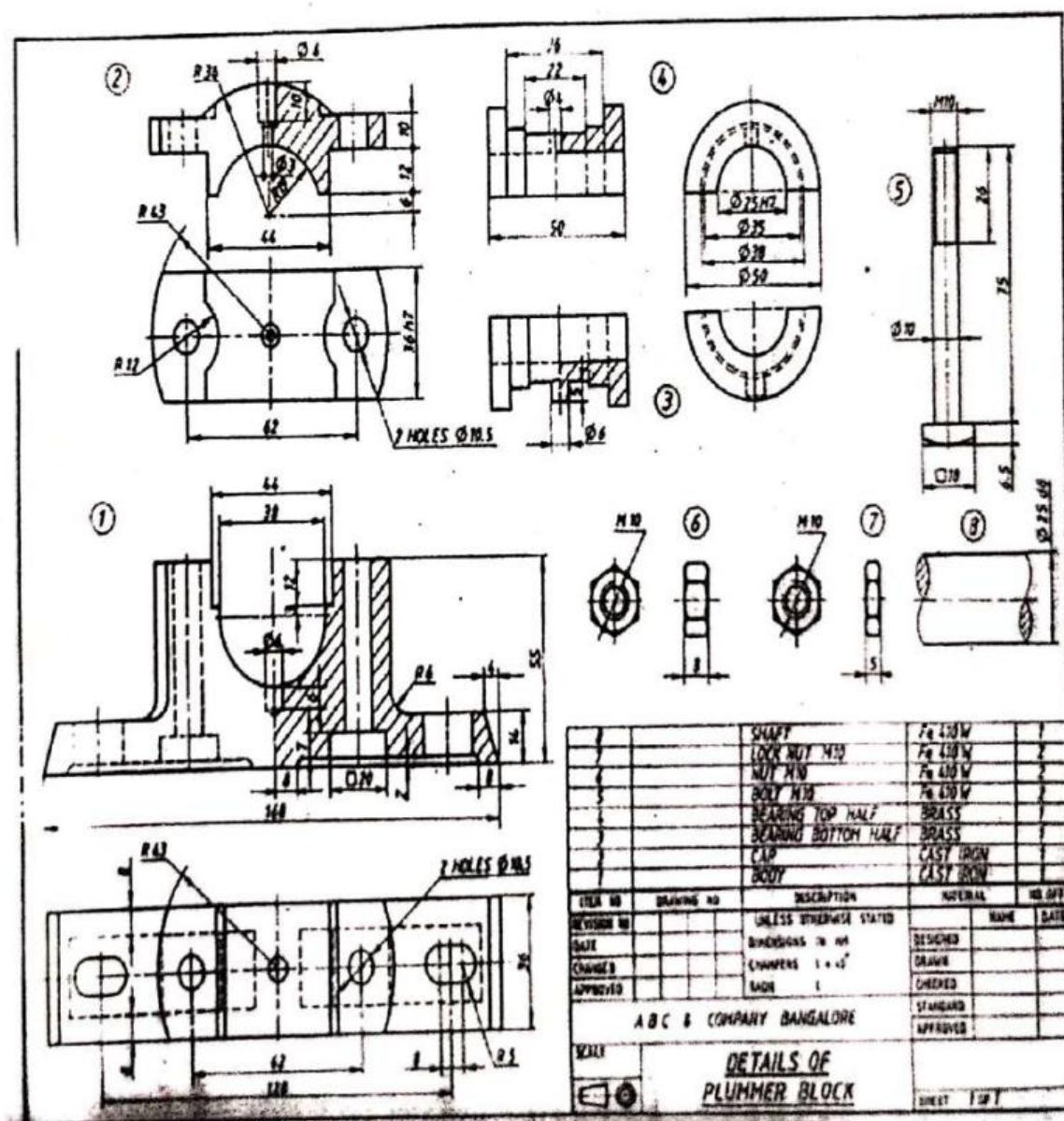
Name:

**Register no:**

**Max marks: 30**

**Marks Obtained:**

Design	Assembly



Course Incharge

**PRINCIPAL,**  
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Department of Mechanical Engineering

Year/Sem:

## **Subject: Auto CAD**

## ASSEMBLY DRAWING – LATHE TAIL STOCK

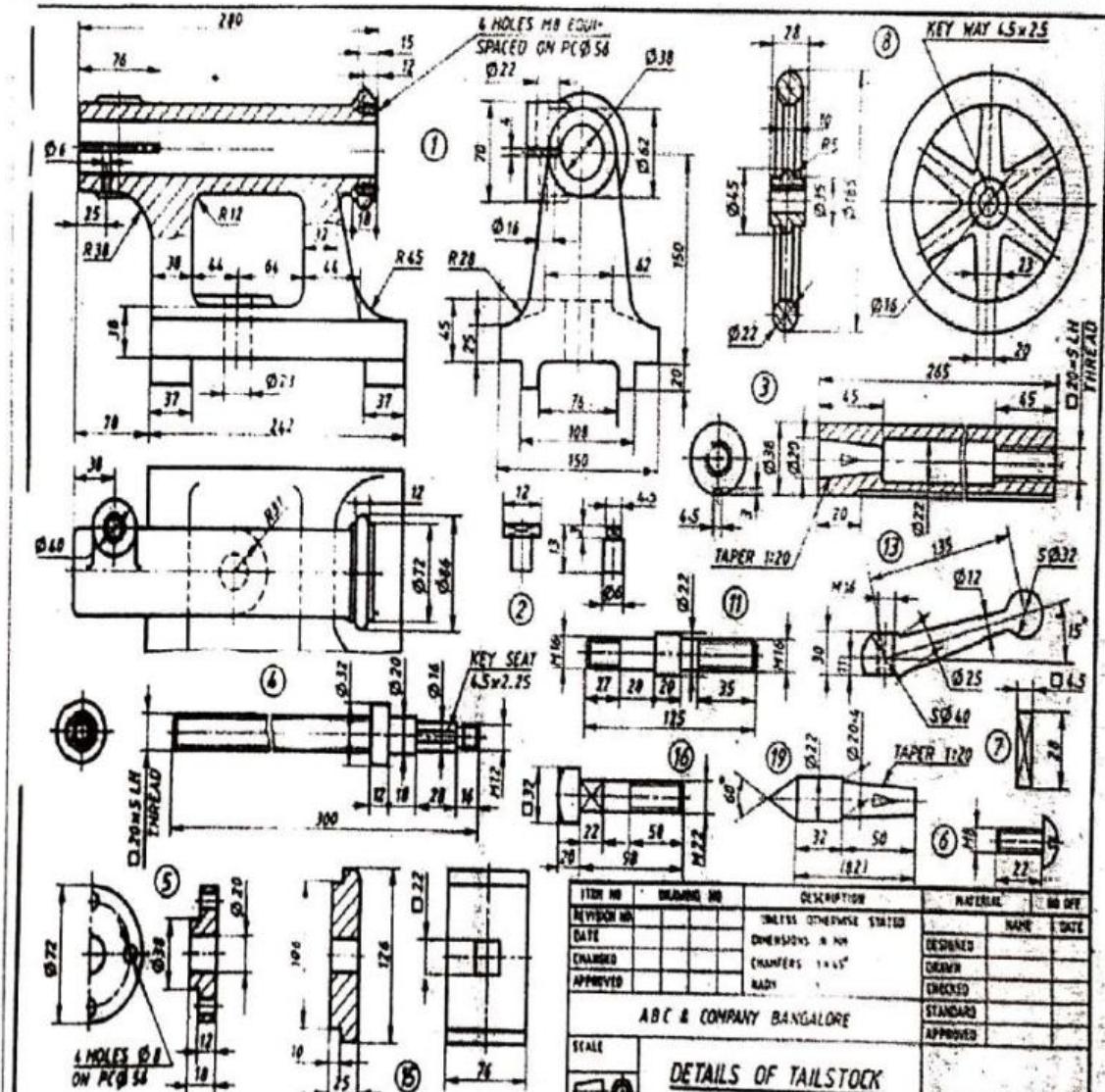
Name:

**Register no:**

**Max marks: 30**

### **Marks Obtained:**

Design	Assembly



V. Nisha  
Course Incharge

**PRINCIPAL, SRI SHANMUGHA COLLEGE OF ENGINEERING & TECHNOLOGY, PULLIPALAYAM, MORUR-637 304, SANKAGIRI(TK).SALEM(DT), T.N.**

**PRINCIPAL, SRI SHANMUGHA COLLEGE OF ENGINEERING & TECHNOLOGY, PULLIPALAYAM, MORUR-637 304, TIRAKAINTIKI, SALEM(DT), T.N.**



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Name:

Register no:

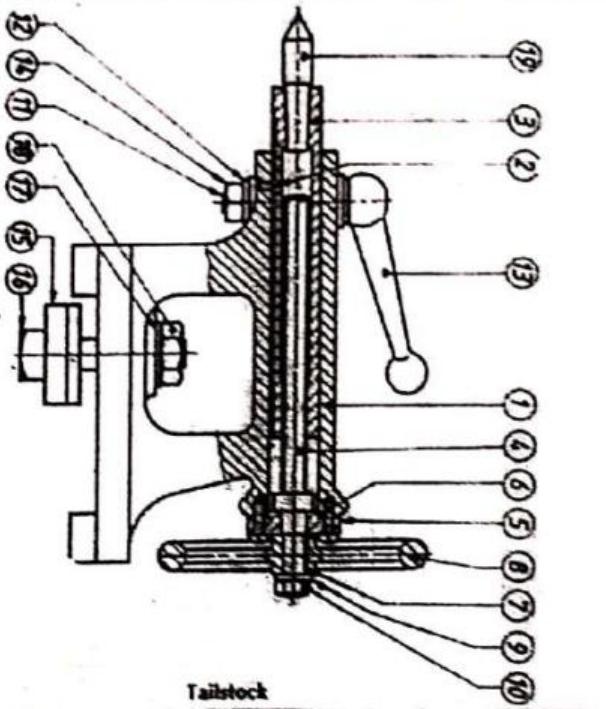
Max marks: 30

Marks Obtained:

PART NO.	ITEM/SECTION	MATERIAL	NO. QTY
1	HEAD	CAST IRON	1
2	LATHE	Fe 410 W	1
3	KEY	CAST IRON	1
4	WHEEL NUT	Fe 410 W	1
5	FLANGE	CAST IRON	1
6	REW	Fe 410 W	4
7	FEATHER KEY	Fe 410 W	1
8	HAND WHEEL	CAST IRON	1
9	WASHER M 12 STD	Fe 410 W	1
10	HEX NUT M 12	Fe 410 W	1

\*NOT DRAWN COMMERCIAL

PART NO.	DESCRIPTION	MATERIAL	NO. QTY
11	STUD	Fe 410 W	1
12*	WASHER M 12 STD	Fe 410 W	2
13	HANDLE	CAST IRON	1
14*	HEX NUT M 12	Fe 410 W	1
15	CLAMPING PLATE	CAST IRON	1
16	SO. HEAD BOLT	Fe 410 W	1
17*	WASHER M 12 STD	Fe 410 W	2
18*	HEX NUT M 12	Fe 410 W	1
19	CENTRE	CAST STEEL	1



V. Nisha  
Course Incharge

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Department of Mechanical Engineering

Year/Sem:

Subject: Auto CAD

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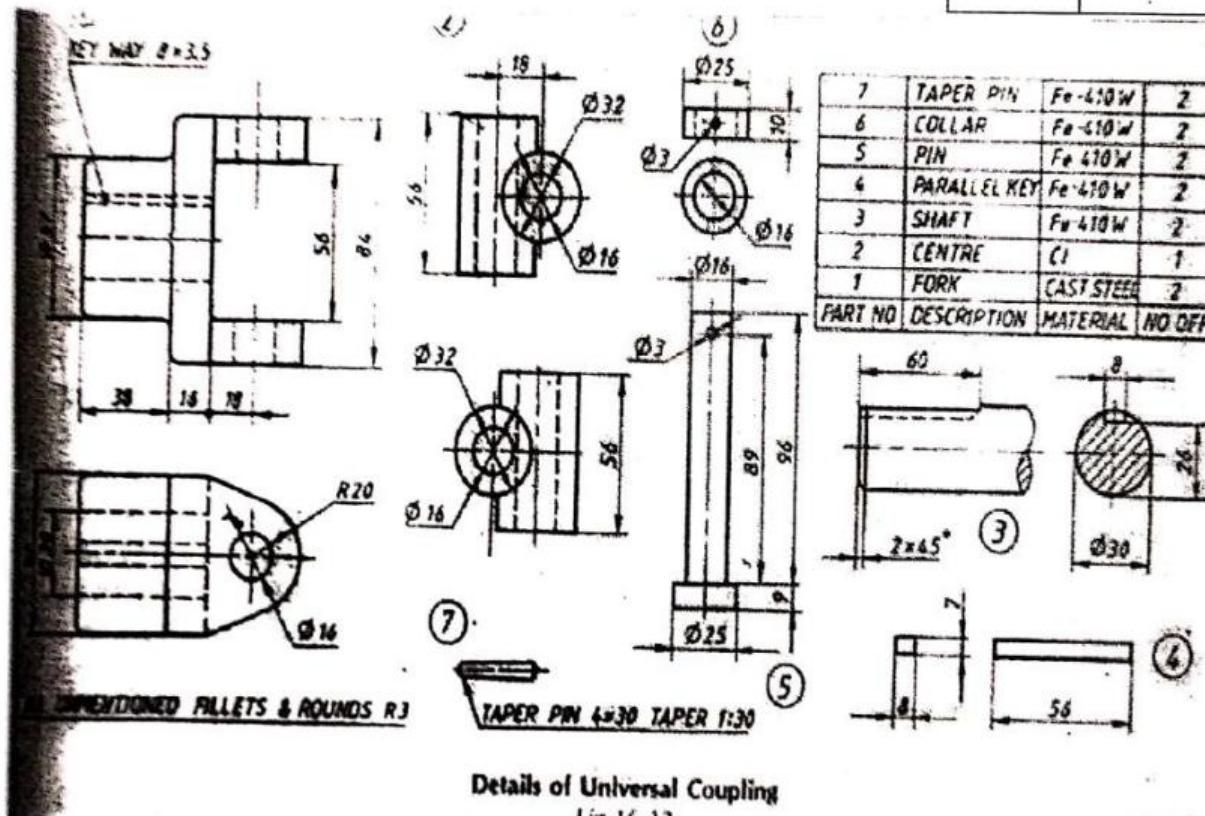
Name:

Register no:

Max marks: 30

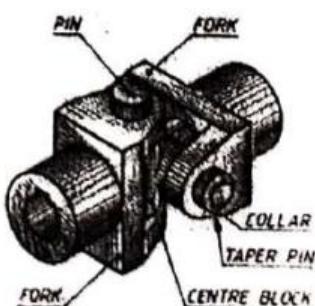
Marks Obtained:

Design	Assembly



Details of Universal Coupling

1 dia. 16 32



Universal Coupling

V. Nisha  
Course Incharge

PRINCIPAL,  
SRI SHANMUGHA COLLEGE OF  
ENGINEERING & TECHNOLOGY,  
PULLIPALAYAM, MORUR-637 304.  
SANKAGIRI(TK). SALEM(DT). T.N.

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SRI SHANMUGHA COLLEGE OF  
ENGINEERING & TECHNOLOGY,  
PULLIPALAYAM. MORUR-637 304.  
SANKAGIRI(TK). SALEM(DT). T.N.



**Sri Shanmuga College of Engineering and Technology**

**Department of Mechanical Engineering**

**Academic Year -2017-18**

**Name of company:** V.lands best hub pvt ltd.

**Name of Certificate Course:** Auto CAD

**Name of trainer :** Mr.V.Nivash

### Syllabus

Preparation of production drawings and reading of part and assembly drawings, basic principles of geometric dimensioning & tolerance. Drawing, Editing, Dimensioning, Layering, Hatching, Block, Array, Detailing, Detailed drawing, Sketcher - Datum planes, Protrusion, Holes, Part modeling Extrusion, Revolve, Sweep, Loft, Blend, Fillet, Pattern, Chamfer, Round, Mirror Section

**Course duration:** 48 hours

### Time Table

S.NO	DATE	TOPIC	DURATION
1	5.1.2018	Preparation of production drawings and reading of part and assembly drawings, basic principles of geometric dimensioning & tolerance.	8 Hrs
2	6.1.2018	Drawing, Editing, Dimensioning, Layering, Hatching, Block, Array, Detailing, Detailed drawing, Sketcher	8 Hrs
3	8.1.2018	Datum planes, Protrusion, Holes, Part modeling Extrusion, Revolve, Sweep	8 Hrs.
4	9.1.2018	Practice of commands are Loft, Chamfer, Round, Mirror Section	8 Hrs
5	10.1.2018	Practice of commands are Blend, Fillet, Pattern,	8 Hrs
6	11.1.2018	Drawing practice	8 Hrs

*V. NIVASH*  
Course Incharge

*B. Shanmuga* - 21/12/17  
HEAD OF MECHANICAL DEPARTMENT,  
DEPT. OF MECHANICAL ENGINEERING,  
SRI SHANMUGA COLLEGE OF ENGG. & TECH.,  
PULLIPALAYAM, SANKARI-637 304.

*✓*  
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PULLIPALAYAM, MORUR-637 304.  
SANKAGIRI(TK), SALEM(DT), T.N.

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PULLIPALAYAM, MORUR-637 304.  
SANKAGIRI(TK), SALEM(DT), T.N.

**Sri Shanmuga College of Engineering and Technology**



**Department of Mechanical Engineering**

**Academic Year 2017-18**

**Name of Certificate course:** Auto CAD

**Name of company:** V Lands best hub pvt ltd, Coimbatore.

**Course Objective**

To make the students understand and interpret drawings of machine components

To prepare assembly drawings both manually and using standard CAD packages

To familiarize the students with Indian Standards on drawing practices and standard components

To gain practical experience in handling 2D drafting and 3D modeling software systems.

**Course Outcome:**

On successful completion of this course, student will be able to

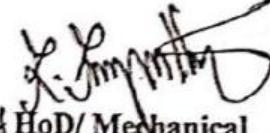
C1	Follow the drawing standards, Fits and Tolerances
C2	Re-create part drawings, sectional views and assembly drawings as per standards

**CO-PO Mapping**

Course	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2
C1	2	1	3	1	2			1	1			2	2	2
C2	2	1	3	1	2			1	1			2	2	2

**Level:** High – 3, Medium -2, Low -1

  
Course Incharge

  
**HoD/ Mechanical**  
HEAD OF THE DEPARTMENT,  
DEPT. OF MECHANICAL ENGINEERING,  
Sri Shanmuga College of Engg. & Tech.,  
PULLIPALAYAM, MORUR-637 304.

  
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**SRI SHANMUGA COLLEGE OF**  
**ENGINEERING & TECHNOLOGY,**  
**PULLIPALAYAM, MORUR-637 304.**  
**SANKAGIRI(TK), SALEM(DT), T.N.**

  
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**SRI SHANMUGA COLLEGE OF**  
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**PULLIPALAYAM, MORUR-637 304.**  
**SANKAGIRI(TK), SALEM(DT), T.N.**



## SRI SHANMUGHA COLLEGE OF ENGINEERING AND TECHNOLOGY

[Approved by AICTE, Affiliated to Anna University]

Pullipalayam, Morur (Post), Sankari (Tk), Salem (Dt) – 637 304

Website: [www.shanmugha.edu.in](http://www.shanmugha.edu.in) Contact Number: 04283-262901

### DEPARTMENT OF MECHANICAL ENGINEERING

Date: 04.08.2017

From

The Head of the Department,  
Department of Mechanical Engineering,  
Sri Shanmuga College of Engineering and technology,  
Sankari

To

The Principal  
Sri Shanmuga College of Engineering and technology,  
Sankari

Respected Sir,

Subject: Permission letter for conducting certificate course for Mechanical Engineering student's reg.

With kind respect, I would like to inform you that V LANDS BEST HUB pvt Ltd, Coimbatore is going to conduct AUTO CAD training for II year mechanical Engineering students from 18.08.2017 to 03.09.2017. I assure that this training will be benefitted to our student for placement. So I request you to give permission to conduct this training for our student benefit. I have attached the training detail with this letter for your reference.

Thanking you

HOD  
Faculty Incharge

*S. Shanmuga* 04/08/17

HoD/Mechanical

HEAD OF THE DEPARTMENT,  
DEPT. OF MECHANICAL ENGINEERING,  
Sri Shanmuga College of Engg. & Tech.,  
PULLIPALAYAM, SANKARI-637 304.

*M. Sankari* 04/08/17

Principal  
PRINCIPAL

SRI SHANMUGHA COLLEGE OF  
ENGINEERING & TECHNOLOGY,  
PULLIPALAYAM. MORUR-637 304.  
SANKAGIRI(TK). SALEM(DT). T.N.

*S. Shanmuga*  
PRINCIPAL,  
SRI SHANMUGHA COLLEGE OF  
ENGINEERING & TECHNOLOGY,  
PULLIPALAYAM. MORUR-637 304.  
SANKAGIRI(TK). SALEM(DT). T.N.

*M. Sankari*  
PRINCIPAL,  
SRI SHANMUGHA COLLEGE OF  
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PULLIPALAYAM. MORUR-637 304.  
SANKAGIRI(TK). SALEM(DT). T.N.



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Pullipalayam, Morur (Post), Sankari (Tk), Salem (Dt) – 637 304

Website: [www.shanmugha.edu.in](http://www.shanmugha.edu.in) Contact Number: 04283-262901

Department of Mechanical Engineering

Date: 04.08.2017

SSCET/CTC/MECH/2017/1

### CIRCULAR

It is proposed to conduct the certificate training course is AUTO CAD on 18.08.2017 to 03.09.2017 for II year mechanical Engineering students. So all the students are advised to attend the program without fail.

**Session handling:** Mr.S.Karthick & K.Jagaratchagan **V LAND'S BEST HUB PVT LTD, Coimbatore.**  
**Time:** 9.00 am to 5.00 pm

HCF

Faculty Incharge

*S. Ganesan* 18/8/17

HoD/Mechanical

HEAD OF THE DEPARTMENT,  
DEPT. OF MECHANICAL ENGINEERING,  
Sri Shanmugha College of Engg. & Tech.,  
PULLIPALAYAM, SANKARI-637 304.

### Copy to:

1. Chairman/ Vice chairman for kind information
2. Circulate to all classes
3. Circulate to all class advisors
4. Department files

*Principal*  
PRINCIPAL,  
SRI SHANMUGHA COLLEGE OF  
ENGINEERING & TECHNOLOGY,  
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## Sri Shanmuga College of Engineering and Technology

### Department of Mechanical Engineering

Academic Year -2017-18

#### Value Added Course Detail

Name of company : VLAND's Best Hub Pvt Ltd, Coimbatore

Name of Course : Auto Cad

Name of trainer : S.Karthick, Jagaratchagan

#### Syllabus

Introduction to Auto cad- user interface-co-ordinate system- line, arc, circle, trim, fillet, polyline, rectangle, offset- move, rotate, polygon, extend, mirror, chamfer, scale. Template-A3 & A4, dimension style, array, dimension type, block, layers, autocad, design center, hatch, scale, stretch. Plotting, region, boundary, explode, isometric concept, break, join, tables.

Course duration: 45 hours

#### Time Table

S.NO	DATE	TOPIC	DURATION
1	18.8.2017	Introduction to auto cad- user interface-co-ordinate system	8 Hrs
2	19.8.2017	Line, arc, circle, trim, fillet, polyline, rectangle, offset	8 Hrs
3	20.8.2017	Move, rotate, polygon, extend, mirror, chamfer, scale.	8 Hrs
4	1.9.2017	Template-A3 & A4, dimension style, array, dimension type	8 Hrs
5	2.9.2017	Block, layers, Auto cad, design center, hatch, scale, stretch	8 Hrs
6	3.9.2017	Plotting, region, boundary, explode, isometric concept, break, join, tables.	5 Hrs

Course Incharge

HoD/Mech

HEAD OF THE DEPARTMENT,  
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TENNESSEE TANKER R-637 304.

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**SRI SHANMUGHA COLLEGE OF ENGINEERING & TECHNOLOGY**  
**DEPARTMENT OF MECHANICAL ENGINEERING**

**Attendance for Auto cad training**

**Academic Year 2017-18**

**Date: 05.01.2018**

**Venue: Computer lab**

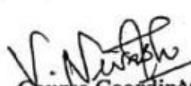


S.No	Year/ Sem	Register No.	Name of the Student	5.1.18	6.1.18	8.1.18	9.1.18	10.1.18	11.1.18
1	III/V	732715114002	Amitkumar						
2		732715114003	Arasu Boopathi M						
3		732715114004	Aravind M						
4		732715114005	Ashishkumar						
5		732715114006	Boobalan S						
6		732715114007	Deepana S						
7		732715114008	Dineshkumar P						
8		732715114010	Jayaprakash M						
9		732715114011	Manojkumar V						
10		732715114013	Mohanraj B						
11		732715114014	Rabin A						
12		732715114015	Raghul A						
13		732715114017	Ravichandran M						
14		732715114018	Ravikumar S						
15		732715114019	Raviranjan Kumar						
16		732715114020	Sivaraj M						
17		732715114021	Vinoth V						

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<b>18</b>	<b>732715114022</b>	Vivekkumar						
<b>19</b>	<b>732715114301</b>	Arunkumar S						
<b>20</b>	<b>732715114302</b>	Bhoopalan K P						
<b>21</b>	<b>732715114303</b>	Deepan Y						
<b>22</b>	<b>732715114305</b>	Kumar.M						
<b>23</b>	<b>732715114306</b>	Mallikaarjunaswamy S						
<b>24</b>	<b>732715114308</b>	Mohan S						
<b>25</b>	<b>732715114310</b>	Ranjithkumar S						
<b>26</b>	<b>732715114311</b>	Senthilkumar G						
<b>27</b>	<b>732715114312</b>	Yoganathan D						

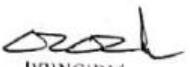
  
Course Coordinator



HoD/Mechanical

**HEAD OF THE DEPARTMENT,**  
DEPT. OF MECHANICAL ENGINEERING,  
Sri Shanmuga College of Engg. & Tech,  
PULLIPALAYAM, SANKARI-637 304.

  
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SHIRVAGIRI(TK), SALEM(DT), T.N.

  
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PULLIPALAYAM, MORUR-637 304.  
SHIRVAGIRI(TK), SALEM(DT), T.N.



**LOG SHEET**

Time, 9 AM 5 PM

S.No	Date	Topics Covered	Staff Sign	Student Sign
1.	18/8/17	Introduction to AutoCAD, User Interface, Co-ordinate System	<i>D.P.J.</i>	<i>Yamal 18/8/17</i>
2	19/8/17	Line, Arc, Circle, Trim, Fillet, Polyline, Rectangle, Offset	<i>D.P.J.</i>	<i>Yamal 19/8/17</i>
3	20/8/17	Move, Copy, Rotate, Polygon, Extend, Offset, Mirror, Chamfer, Scale	<i>D.P.J.</i>	<i>Yamal 20/8/17</i>
4	1/9/17	Template A3 & A4, Dimension Style, Array, Dimension types	<i>D.P.J.</i>	<i>Yamal 1/9/17</i>
5	2/9/17	Block, Layers, AutoCAD, design Center, Hatch, Scale, Stretch	<i>D.P.J.</i>	<i>Yamal 2/9/17</i>
6	3/9/17	Plotting, Region, Boundary, Explode Isometric concept, break, JDF, Balloons Tables		<i>Yamal 3/9/17</i>
7				
8				
9				
10		<i>J. Jayaraman 3/9/17</i>		
11		HEAD OF THE DEPARTMENT, DEPT. OF MECHANICAL ENGINEERING, SRI SHANMUGHA COLLEGE OF ENGG. & TECH, PULLIPALAYAM, SANKAGIRI-637 304.		
12				
13				
14				
15				

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$$10 \times 2000 = 20,000/-$$

$$53 \times 500 = 26,500/-$$

$$82 \times 100 = 8,200/-$$

$$6 \times 50 = 300$$

$$\underline{55,000/-}$$

55,000/-

Received on 04/11/17

R.D. Sankagiri  
04/11/17

Total No. of Students attended = 37

Number of Students paid  
amount } = 22

37



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PULLIPÄÄYAM, MORUR-637304,  
SANKAGIRI(T.K). SALEM(DT). T.N.



Sri Shanmuga College of Engineering and Technology

**Department of Mechanical Engineering**

Academic Year 2017-18

**Value Added Course Detail**

Name of company: VLAND's Best Hub Pvt Ltd, Coimbatore

Name of course: AutoCAD

**Course Objective**

Objective of this course is to obtain the knowledge of basic commands and tools necessary for professional drawing, design and drafting using AutoCAD.

**Course Outcome**

C1	Understand the concept and techniques of AutoCAD software													
C2	Create design using several AutoCAD tools.													
C3	Acquire knowledge to design 3D model													

**CC-PO Mapping**

Course	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8	PO 9	PO 10	PO 11	PO 12	PSO 1	PSO 2	
C1	2	1	3		2				1				1	1	2
C2	2	1	3		2				1				1	1	2
C3	2	1	3		2				1				1	1	2

Level: High – 3, Medium -2, Low -1

Course Incharge

HoD/ Mech

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**ENGINEERING & TECHNOLOGY,**  
**PULLIPALAYAM, MORUR-637 304.**  
**SANKAGIRI(TK).SALEM(DT).T.N.**



**VLAND's BEST Hub PVT LTD**  
 No. 105, 3rd Floor, Sri Vel Towers, Tata Bad 11th Street,  
 Coimbatore - 641012, Tamilnadu, India  
 Email : admin@vlandsbesthub.com, Tel : +91 422 4385464

Attendance Form

S.No	Roll Number R.R.C.	Student Name	18/1/17 FN	18/1/17 AN											
1	16MC001														
2	16MC005	chanakya.J													
3	16ME006														
4	16ME0086	Dhivagar P.K													
5	16ME0087	DOMINIQUE TOWARD													
6	16ME009	M.Girish													
7	16ME010														
8	16ME011	C.Gopal.													
9	16ME012	K.Jayakumar													
10	16ME014	N.Karthik Raja													
11	16ME015	D.YAVIN													
12	16ME016	S.Lokesh													
13	16ME017														
14	16ME018														
15	16ME019														
16	16ME020	K.MEGARAJ													
17	16ME021	R.K.NEELAGAN													
18	16ME022	G.nethra													
19	16ME023	A.Nagaland													
20	16ME024	T.Nagashree													
21	16ME025	E.Naveenrap													
22	16ME026	K.Nithish													
23	16ME027														

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 SANKAGIRI(TK), SALEM(DT), T.N.



**VLAND's BEST Hub PVT LTD**

No: 105, 3rd Floor, Sri Vel Towers, Tata Bud 11th Street,  
Coimbatore - 641012, Tamilnadu, India  
Email : admin@vlandsbesthub.com, Tel : +91 422 4385464

**Attendance Form**

S.No	Roll Number	Student Name	16/17 F.N	16/17 A.N	16/17 F.N	16/17 A.N	20/17 F.N	20/17 A.N	21/18 F.N	21/18 A.N	21/18 F.N	21/18 A.N
24	16 MEO 28	K V Poovarajan.	Puj..	Puj..	Puj..							
25	16 MEO 30	A. Prabhu	Puj..	Puj..	Puj..							
26	16MEE 031											
27	16ME 032	M. PRAKASH	mark	mark	mark							
28	16ME 033	M. PRIAKASHRAT	H.Dhij	H.Dhij	H.Dhij	H.Dhij	H.Dhij	H.Dhij	H.Dhij	H.Dhij		
29	16ME 034	V. PRakashRata	28/09/17	28/09/17	28/09/17	28/09/17	28/09/17	28/09/17	28/09/17	28/09/17	28/09/17	28/09/17
30	16ME 035	R. PRAVEEN ALUMAR	R.Praj..	R.Praj..	R.Praj..							
31	16ME 036	P. Ranith	P.Raj..	P.Raj..	P.Raj..							
32	16ME 037	K. SABARISH	K.Sab..	K.Sab..	K.Sab..							
33	16ME 038	P. SATI HARSH	28/09/17	28/09/17	28/09/17	28/09/17	28/09/17	28/09/17	28/09/17	28/09/17	28/09/17	28/09/17
34	16ME 040	S. SATHISH KUMAR	28/09/17	28/09/17	28/09/17	28/09/17	28/09/17	28/09/17	28/09/17	28/09/17	28/09/17	28/09/17
35	16ME 041	J. SATHISH KUMAR	T.Sath..	T.Sath..	T.Sath..							
36	16ME 042	K. SATHISH KUMAR	K.Sat..	K.Sat..	K.Sat..							
37	16ME 043	R. SELVIN	R.Sel..	R.Sel..	R.Sel..							
38	16MEE 044											
39	16ME 046	R. Vanginathur	R.Van..	R.Van..	R.Van..							
40	16ME 047	S. Varun Bhirabhu	S.Var..	S.Var..	S.Var..							
41	16ME 048	P. Venkatesh	P.Ven..	P.Ven..	P.Ven..							
42	16ME 049	M. VISHNU	M.Vish..	M.Vish..	M.Vish..							
43	16ME 050	K. YESHVAANTH	Yosh..	Yosh..	Yosh..							
44	16ME 052	T. YUVARAJ	T.Yuv..	T.Yuv..	T.Yuv..							
45	16ME 039	I. Anitha Kannan	I.An..	I.An..	I.An..							
		Sunny N.P	Sunny	Sunny	Sunny							

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SANKAGIRI(TK), SALEM(DT) T.N.



## SRI SHANMUGHA COLLEGE OF ENGINEERING AND TECHNOLOGY

Pullipalayam, Morur (P.O), Sankari (T.K), Salem (D.T).Pin. 637304.

### DEPARTMENT OF MECHANICAL ENGINEERING

#### Report on Certificate Training on Auto CAD

The department of Mechanical Engineering organized a fifteen days Certificate Training course on auto cad for 2<sup>nd</sup>, year students of mechanical Engineering successfully from 18.08.2017-03.09.2017. This Training provided the opportunity to the students to use auto cad. AutoCAD is a computer-aided software program used to create two dimensional and three-dimensional models of solid surfaces and meshes. AutoCAD is widely used and it helps in preventing product failures and warranty issues. With innovative ideas and creative imagination, the user can create realistic presentations with AutoCAD. It provides the necessary tools and workflow to design and build great products. AutoCAD is used by professionals across many industries to do everything from designing and creating different buildings, constructions, and infrastructure. AutoCAD enables companies to design and plan projects virtually. AutoCAD supports a powerful yet easier workflow that works correctly and helps the users to execute the commands effectively and precisely. The following are some of the major advantages of using auto cad:

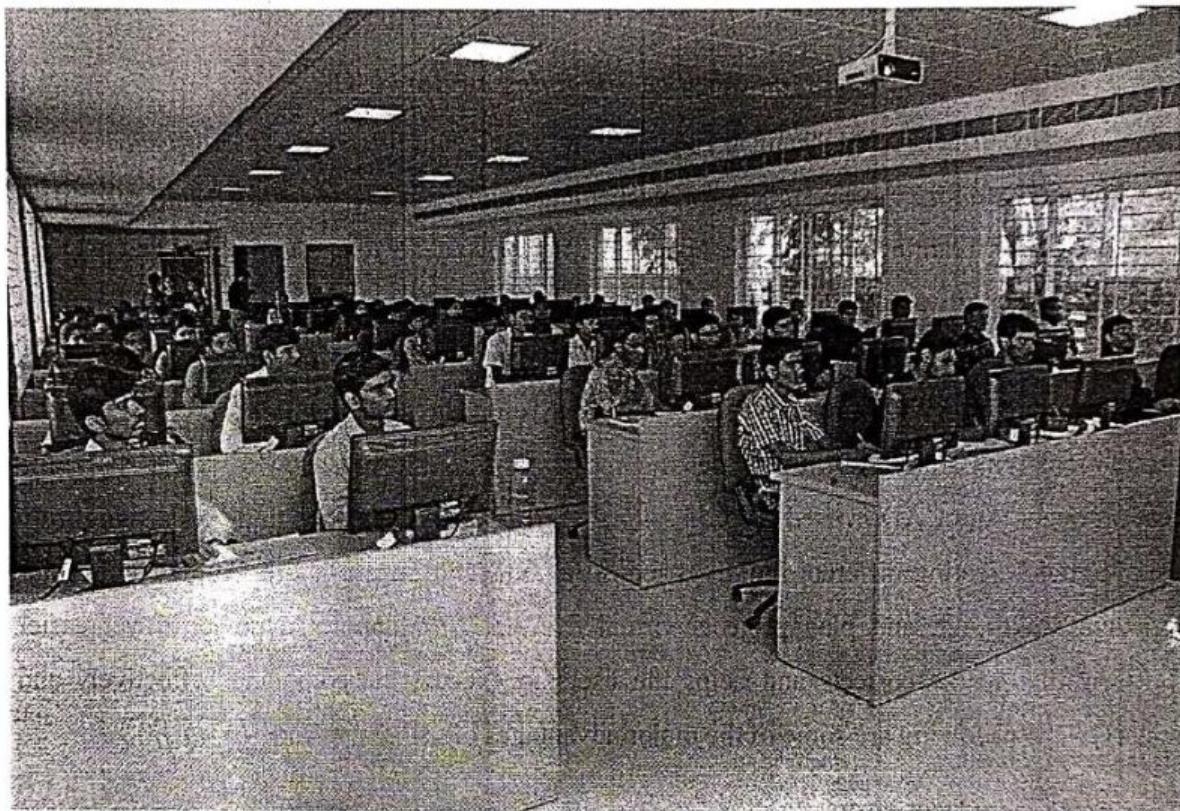
1. Accurate and reduces errors.
2. Save time & money.
3. Easier data transfer.
4. Controllable in nature.
5. Database for manufacturing.
6. Easier Import/ export of files.
7. Apply Point Clouds and Layering feature
8. Calculation
9. Commands and Image tracing feature
10. PDF import enhancements

For Training, students were divided into groups (4 students per group) and each group performed the task to use of computer lab in the campus. After practical work students learned to conclude all the practical work in a map using Auto CAD. Overall the training was technically and

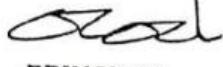
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HoD/Mechanical  
HEAD OF THE DEPARTMENT,  
DEPT. OF MECHANICAL ENGINEERING,  
Sri Shanmugha College of Engg. & Tech,  
PULLIPALAYAM, SANKARI-637 304.



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Pullipalayam, Morur (P.O), Sankari (T.K), Salem (D.T).Pin. 637304.

### DEPARTMENT OF MECHANICAL ENGINEERING

#### Report on Certificate Training on Auto CAD

The department of Mechanical Engineering organized a seven days Certificate Training course on auto cad for 3<sup>rd</sup>, year students of mechanical Engineering successfully from 05.01.2018-11.01.2018. This Training provided the opportunity to the students to use auto cad. AutoCAD is a computer-aided software program used to create two dimensional and three-dimensional models of solid surfaces and meshes. AutoCAD is widely used and it helps in preventing product failures and warranty issues. With innovative ideas and creative imagination, the user can create realistic presentations with AutoCAD. It provides the necessary tools and workflow to design and build great products. AutoCAD is used by professionals across many industries to do everything from designing and creating different buildings, constructions, and infrastructure. AutoCAD enables companies to design and plan projects virtually. AutoCAD supports a powerful yet easier workflow that works correctly and helps the users to execute the commands effectively and precisely. The following are some of the major advantages of using auto cad:

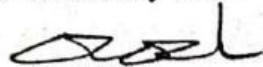
1. Accurate and reduces errors.
2. Save time & money.
3. Easier data transfer.
4. Controllable in nature.
5. Database for manufacturing.
6. Easier Import/ export of files.
7. Apply Point Clouds and Layering feature
8. Calculation
9. Commands and Image tracing feature
10. PDF import enhancements

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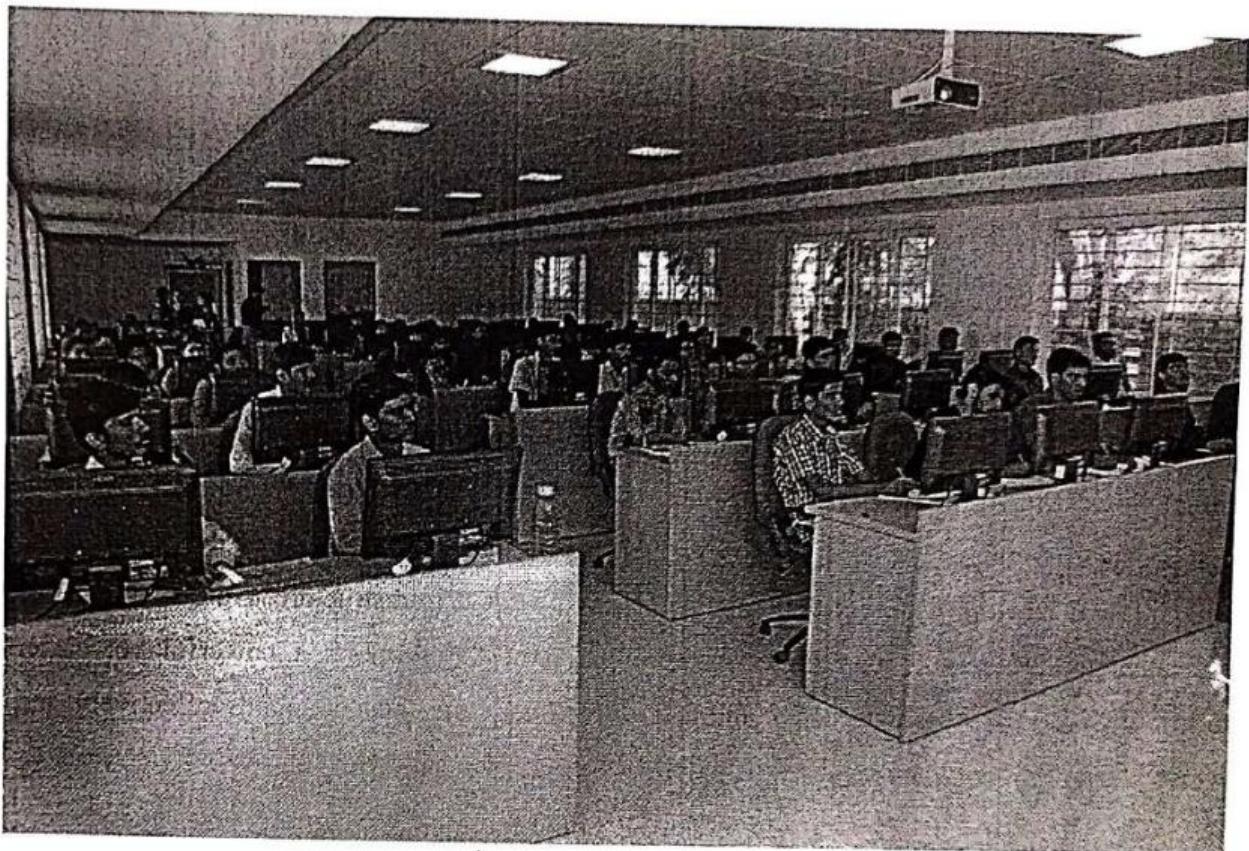
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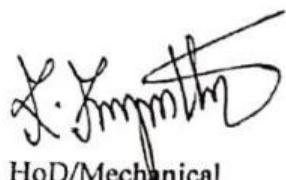
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HoD/Mechanical  
HEAD OF THE DEPARTMENT,  
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Sri Shanmuga College of Engg. & Tech,  
PULLIPALAYAM, SANKARI-637 304.