



AVIT
AARUPADAI VEEDU INSTITUTE OF TECHNOLOGY



VINAYAKA MISSION'S
RESEARCH FOUNDATION
(Deemed to be University under section 3 of the UGC Act 1956)



Accredited by NAAC



Approved by AICTE

MECH SIRPI – 2K'21 ENGINEERING DESIGN TALENT HUNT

DATE - 07.05.2021

“ENGINEERING DESIGN COLLEGIATE CLUB” (EDCC), Department of Mechanical Engineering, AVIT, organized a design competition for engineering students of II, III- & IV-year students of Mechanical & Automobile Engineering to motivate and enhance the Design skills of the students, In the theme of “An Excellent opportunity to show your talents”. The competition consisted of two rounds.

Round 1: Online test, consisting of basic concepts of CAD - Multiple choice questions was conducted by using a Google form. Nearly 154 students participated in this preliminary round.

MECH SIRPI – 2K'21
ENGINEERING DESIGN TALENT HUNT MULTIPLE CHOICE QUESTIONS:
25 VMRF-AVIT, CHENNAI. DATE: 07.05.2021
forms.gle

<https://forms.gle/HmK5iMAGEedxGyrP8> 9:43 PM

Round 1 - MECH SIRPI 2K21

Questions Responses 155 Total points: 25

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MULTIPLE CHOICE QUESTIONS: 25
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Round 2:

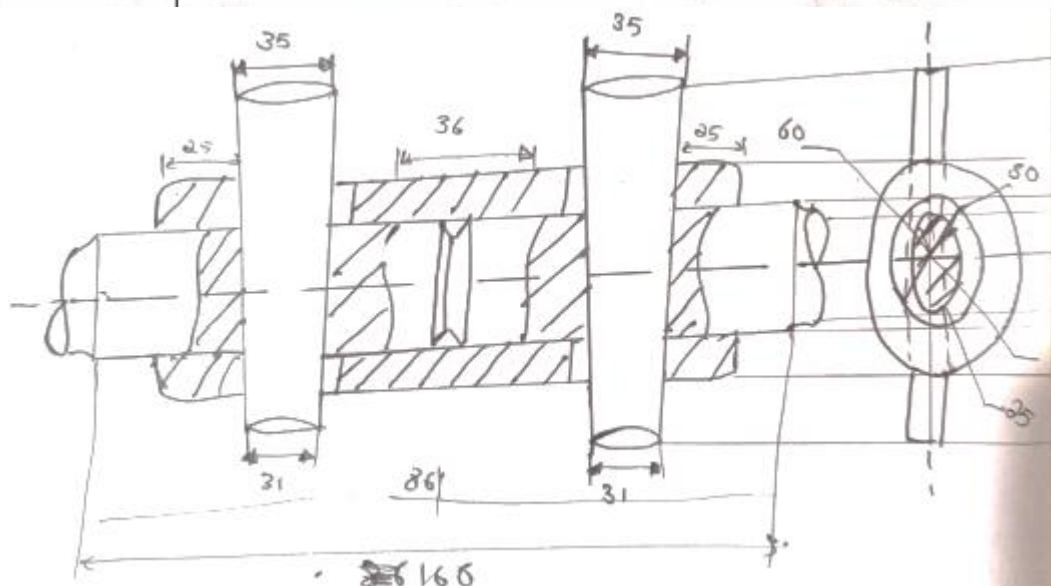
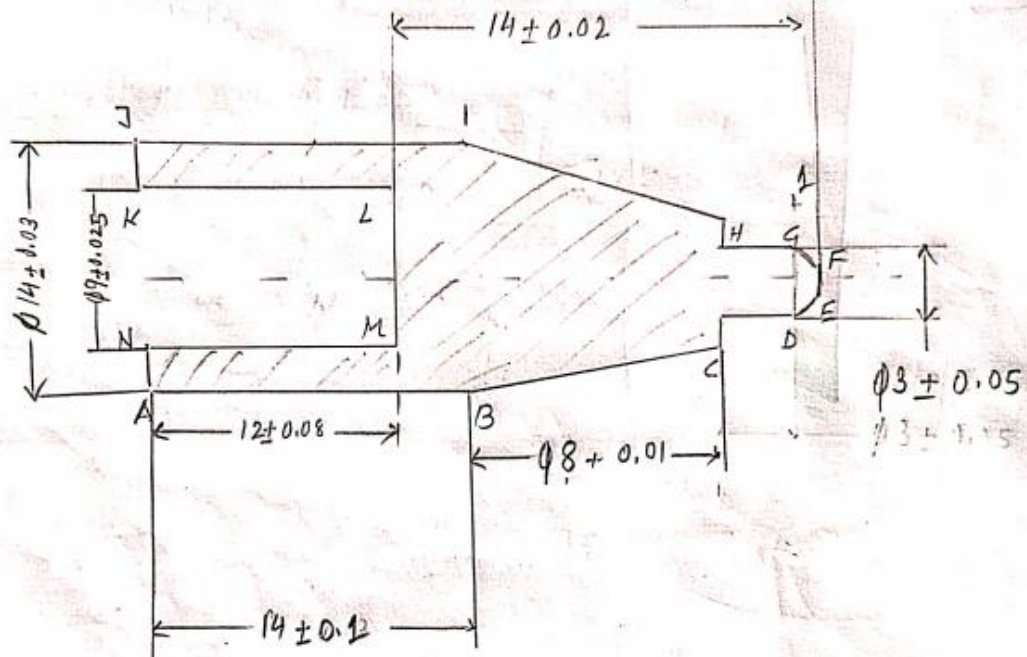
The round was intended to test the knowledge of the student to understand the Engineering Drawings. Hand's Sketch (New ideas and latest approaches in design) The top 50 students were short listed for second round, where the students are drawing based on Geometric Dimension and Tolerance, Isometric drawings, Machine components were given and different views like front view, top view & Side view has to be generated for the given component.

SAMPLE DIAGRAMS

IVTH γ_2 See: A.

1. Technical Drawing.

[All the units are in millimeter (m)]



BOUCHER



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RECOGNIZED BY DSIR

Department of Mechanical Engineering In Association With
Engineering Design Collegiate Club (EDCC)
Jointly Organizes



MECH SIRPI - 2K'21 ENGINEERING DESIGN TALENT HUNT AN EXCELLENT OPPORTUNITY TO SHOW YOUR TALENTS



Objective: Students will increase their ability to apply engineering principles through design, experimentations, analysis or other engineering approaches

Round 1 (25 Marks) – Quiz related to Design

Round 2 (25 Marks) – Hand's Sketch (New ideas and latest approaches in design)
[3D Diagram – with or without colouring]

Topics : Machine – Machinery parts | Automobile | Robots | 3D – Printing |
Automation | Aerospace

Rules and Regulations :

Round 1 – Google form (30 Minutes)

Round 2 – A3 Paper (3D Drawing and few words about the design) –
completed diagrams to be mailed at the

E-mail - mechevents@avit.ac.in @ PDF format

Dr. K. L. Shunmuganathan, Principal., AVIT

Prof. L. Prabhu, Vice Principal (Admin.) - AVIT & HDD / Mech, President - IIC / AVIT

Event Coordinators:

Dr. S. Prakash, Ap (G II) & Mr. R. Praveen, Ap (G II)



E- Certificate for the participants for completing two round and scored above 50%

For Admission Contact @ +91 87545 52018, +91 97894 81724, +91 87545 41024