

A

State Level Technical Event

“Accretion 2K23”

Organized by

Department of Mechanical Engineering



Shanti Education Society's

A. G. Patil Polytechnic Institute, Solapur
(NBA Accredited Programs)

On

SATURDAY, 18TH MARCH 2023

Academic Year: 2022-23

1. PO Attained: 1,3,4
2. PSO Attained: 1
3. No. of Beneficiaries: 21

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1. Report:

Mechanical engineering department had organized the state level technical event 'Accretion 2K23', with the objective to provide platform for the students to showcase their talent with a competitive spirit. This developmental activity is very useful in future to meet the expectations of industries from technocrats. The motive of this event was also to promote this philosophy by inviting participants across the state who will explore their technical skills.

The event was held on Saturday, 18th March 2023. 'CAD Expert' competition was organized under Accretion 2K23 in which two rounds were conducted. In this event 21 students across the state had been participated enthusiastically.

The valedictory function of this grand event was conducted in the presence of chief guest Hon. Dr. D. M. Metri (Vice-Principal, Sangameshwar College, Solapur), Campus Director and Principal Dr. M. A. Chougule, Vice-Principal Mr. S. K. Mohite, Convener Mr. L. S. Margur and coordinator Mr. N. P. Patil. The winners were awarded with cash prizes and certificates.

For technical skill development and knowledge enrichment into the students, A. G. Patil Polytechnic Institute, Solapur is continuously arranging such kind of student centric programs with support of MSBTE, Mumbai.

2. Poster of Event:

Shanti Education Society's
A. G. PATIL POLYTECHNIC INSTITUTE
SOLAPUR (MAHARASHTRA)

NBA ACCREDITED PROGRAMS
 ORGANIZES

Attractive Prizes &
 Certificate to each Participant

STATE LEVEL TECHNICAL COMPETITION 2k23
 18th March 2023

Hon. Shri. A. G. Patil
 President

Mech / Auto / Prod Group

Accrefion
 Competition
CAD Expert

Co-Ordinator
Mr. Patil N.P.
 Mob.: 7387237488

Computer / IT Group

Soft Insignia
 Competition
Technical Quiz

Co-Ordinator
Ms. Jadge S.L.
 Mob.: 8408860416

Civil Engg. Group

Nirman
 Competition
Poster

Topics : a) Before & after COVID -19
 b) Mother Nature (Earth) c) Festivals in India

Co-Ordinator
Mr. Shembade K. T.
 Mob.: 9423218841

Electrical Engg. Group

Vid-Youth
 Competition
Micro Project

Co-Ordinator
Ms. Nigadi G.B.
 Mob.: 8806717067

ENTC Group

E-Phlox
 Competition
Circuit Cracker

Co-Ordinator
Ms. Swami P.S.
 Mob.: 7028552738

"Registration Fees INR 100/- per group."
 "Last Date of Registration :-15th March 2023."
 "Last date of Submission of Soft Copy through Email:- 15th March 2023."

SCAN FOR PAYMENT

Only For Diploma Engg. Students

Registration Fees
₹100 Per Group

Last Date of Submission of Soft copy Through Email
15th March 2023

Mr. L. S. Margur
 Convenor

Prof. S. K. Mohite
 Vice Principal

Dr. M. A. Chougule
 Principal

Shri. S. A. Patil
 Secretary

Send your soft copies of paper in PDF format to:
agppi.annum@gmail.com

3. List of Participants:



Shanti Education Society's
A.G. PATIL POLYTECHNIC INSTITUTE, SOLAPUR
 (NBA Accredited Programs)

ACCRETION 2K23





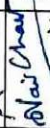
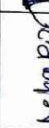

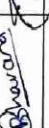
Organized by
Department of Mechanical Engineering
CAD EXPERT REGISTRATION

Sr. No.	Name of Participant			Name of Institute	Whatsapp Contact No.	Amount Paid	Sign	Remark
	First Name	Middle Name	Surname					
1	Aryan	Aniruddha	Joshi	A.G.P.P.I	9890108031	100		Participated
2	chaitanya	Santosh	Kalshetti	S.E.S. Polytechnic	9579674534	100		
4	Om	Gangadhar	Saka	S.E.S. polytechnic	9405379959	100		
4	Gautam	Kumar	-	A.G.P.P.I	9508503044	100		Gautam.
5	Ganesh	-	Mahto	A.G.P.P.I	8751841394	100		Ganesh
6	Kalish	Iranna	dalle	A.G.P.P.I	9156789188	100		100.
7	Pavan	Prakash	Mulade	A.G.P.P.I	9156595511	100		Participated
8	Arshad	Salim	shake	A.G.P.P.I	8983589496	100		Participated

②

participated

②

Sr. No.	Name of Participant			Name of Institute	Whatsapp Contact No.	Amount Paid	Sign	Remark
	First Name	Middle Name	Surname					
9	Sameer	-	khan	A.G.P.P.I	8102516253	100		Sameer Khan
10	Ranjit	kumar	yadav	A.G.P.P.I	6287979440	100		Ranjit Kumar
11	Hamid	Faiyaz	Patil	A.G.P.P.I	7060848548	100		
12	Prathamesh	kisan	kadam	A.G.P.P.I	90968382896	100		
13	Mayur	Amar	pupple	A.G.P.P.I	9028976704	100		577
14	Aditya	Vikas	chavan	A.G.P.P.I	8999389601	100		
15	upendra	-	kumar	A.G.P.P.I	902483580	100		
16	Vishal	chaudappa	yalsangji	A.G.P.P.I	9561213046	100		
17	Aditya	Rahul	bangar	A.G.P.P.I	9370190324	100		
18	Vaibhav	kamlakar	zeunjare	A.G.P.P.I	7083935235	100		
19	Aneha	Rajendra	Jadhav	A.G.P.P.I	7871815171	100		Pending
20	Nikita	Ratan	Chavan	A.G.P.P.I	7350302854	100		Pending
21	Bhavana	Ramesh	Babingal	A.G.P.P.I	9096091427	100		Pending
22								
23								
24								

(1)

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4. Registration Form& Guidelines:



Shanti Education Society's
A. G. PATIL POLYTECHNIC INSTITUTE, SOLAPUR
(NBA Accredited Programs)

ACCRETION 2K23

Organized by
Department of Mechanical Engineering
CAD EXPERT REGISTRATION FORM

Name: _____
(Fill in Capital Letters)

Course & Year:

Name of Institute: _____

Address & Whatsapp Contact No.:

Email Id: _____

Declaration: The above information is true to best of my knowledge. I agree to abide by the rules and regulation governing the event. I also undertake responsibility to inform the coordinator in time, in case I am unable to attend the event.

Place:

Date:

Sign of Applicant

GUIDELINES

1. This event is only for **diploma engineering students**.
2. Participants must carry a valid **College ID card**.
3. Flow of event
 - ROUND 1: Draw Orthographic Projections from Isometric drawing.**
 - ROUND 2: Draw Isometric drawing from orthographic projections**
4. Maximum duration of each round will be **1 hour**.
5. **Only shortlisted candidates of round 1 will be eligible for round 2.**
6. The final result will be judged on the basis of **judging rubrics**.

5. Rubrics for Judging:

Judging Rubrics



Time of drawing completion:

Round 1:

Round 2:

CRITERIA	9 – 10 Points	7 – 8 Points	5 – 6 Points	0 – 4 Points	ROUND 1	ROUND 2
Completeness	Drawing is very detailed/complex. There are many features on the part. The drawing has no missing lines, dimensions, or other drafting features.	Drawing is somewhat detailed/complex. There are many features on the part. The drawing has few missing lines, dimensions, or other drafting features.	Drawing is not detailed/complex. There are few features on the part. The drawing has some missing lines, dimensions, or other drafting features.	Drawing is not detailed/complex. There are very few features on the part. The drawing has many missing lines, dimensions, or other drafting features.		
Time of Completion	The drawing has been completed in 21 - 30 min.	The drawing has been completed in 31 - 40 min.	The drawing has been completed in 41 - 50 min.	The drawing has been completed in 51 - 60 min.		
Drawing Standards	All ANSI standards are included where all drawings contain correct: orthographic projection, view selection, line weight and line style usage, dimensioning standards, use of scales, use of title blocks and borders and are neat with an excellent overall visual presentation.	Most ANSI standards are included in orthographic projection, view selection, line weight and line style usage, dimensioning standards, use of scales, use of title blocks and borders and are neat with an average overall visual presentation.	Some ANSI standards are included in orthographic projection, view selection, line weight and line style usage, dimensioning standards, use of scales, use of title blocks and borders. The visual presentation is below average.	Many ANSI standards are missing in orthographic projection, view selection, line weight and line style usage, dimensioning standards, use of scales, use of title blocks and borders. Overall visual presentation is poor.		
Drawing Skills/ Neatness	The drawing(s) represents skills that reflect a thorough knowledge of CAD. Line weights and line styles are accurate. Geometry is accurately located.	The drawing(s) represent an adequate knowledge of CAD. Line weights and line styles are mostly accurate and neat. Lines are mostly straight, square, and precise.	The drawing(s) represent a fair knowledge of CAD. Line weights and line styles are fairly accurate and neat. Lines are fairly straight, square, and precise.	The drawing(s) represent little knowledge of CAD. Line weights and line styles are not accurate or neat. Lines are not straight, square, and precise.		
TOTAL SCORE						

Remark: _____

6. Question Paper:



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ACCRETION 2K23

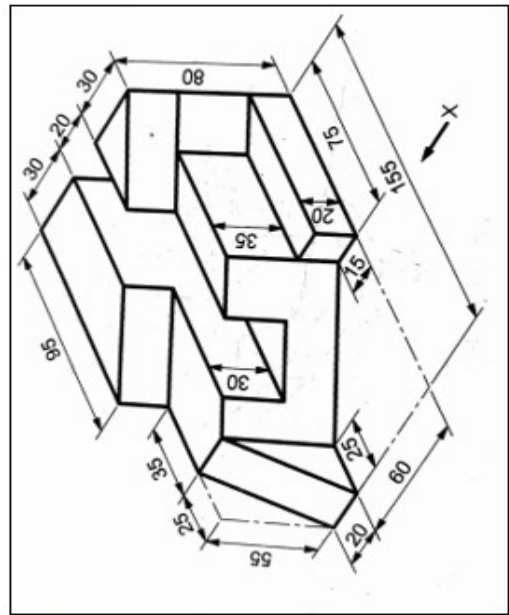
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Department of Mechanical Engineering
CAD EXPERT (Round 1)

Max. Duration: 1 Hour

Date: 18th March 2023

Q. Fig shows the pictorial view of an object. Using first angle method of projections, draw the following views.

1. Front view looking in the direction X
2. Top view
3. Side view



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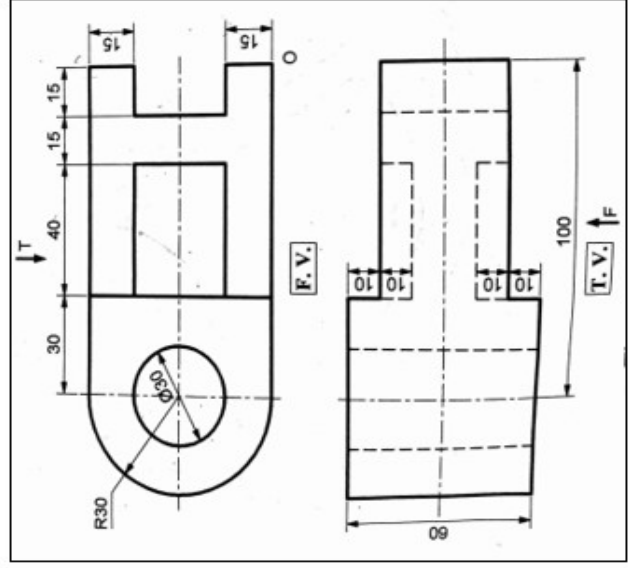
ACCRETION 2K23

Organized by
Department of Mechanical Engineering
CAD EXPERT (Round 2)

Max. Duration: 1 Hour

Date: 18th March 2023

Q. Fig shows front view and top view of an object. Draw Isometric view.



7. List of Winners:



Shanti Education Society's

A.G. Patil Polytechnic Institute, Solapur

(NBA Accredited Programs)

Date: 18/03/2023

State Level Technical Competition 2K23

Name of Event: Accretion-CAD Expert

LIST OF PRIZE WINNERS

Sr. No.	Prize	Name of Participants	Name of Institute
1	First	Kadam Prathamesh Kisan	A.G.P.P.I. Solapur
2	Second	Gautam Kumar	A.G.P.P.I. Solapur
3	Third	Kalshetti Chaitanya Santosh	S.E.S. Polytechnic, Solapur

8. Sample Certificate:

 Shanti Education Society's
A. G. PATIL POLYTECHNIC INSTITUTE, SOLAPUR
NBA ACCREDITED PROGRAMS

ORGANIZES

**STATE LEVEL
TECHNICAL COMPETITION 2k23**

CERTIFICATE

This is to certify that Mr. / Ms. _____ has
of _____ participated / Awarded _____ Prize in Accretion / Soft Insignia / Nirmaan / Vid-Youth
/ E-Phlox State Level Technical Competition of Mechanical / Civil / E&TC / Computer / Electrical Engg.
Department, held On 18th March 2023 at A.G. Patil Polytechnic Institute, Solapur.

Convenor _____ H.O.D. _____

 **Prof. S. K. Mohite**
Vice Principal

 **Dr. M. A. Chougule**
Principal

9. Photos of Event:



Felicitation of chief guest Prof. D. M. Maitri at valedictory event



Prize distribution ceremony of Accretion 2K23