

GOVERNMENT OF ANDHRA PRADESH

OFFICE OF THE
DIRECTOR OF TECHNICAL EDUCATION
ANDHRA PRADESH:: MANGALAGIRICir. Memo. No. **EHE02-17/133/2024-H SEC-CTE** Date: 07-02-2025**Sub:** Technical Education - Academics- H Section -Implementation of Additional Sector Edge Courses for 4th Semester Polytechnic Students-Reg**Ref:** 1 Circular on Sector Edge Courses H/ Sector Edge Courses Dated 06/12/2024
2.Lr.No.026/SBTET/ Academic/ Syllabus, ADD-ON Courses/2024, Dated: 16-12-2024.
3.Lr.No.032/SBTET/Academic/Syllabus, ADD-ON Courses/2025, dated: 10-01-2025, office of the Secretary, SBTET

As a follow-up to earlier circular under reference 1st cited, another 21 additional Sector Edge Courses are identified for 4th semester polytechnic students. These courses are designed to equip students with specialized skills that align with industry demands and enhance their employability.

The list of additional Sector Edge Courses identified are annexed herewith. In this connection, the Principals of Government Polytechnics listed in the annexure are hereby instructed to commence Sector Edge Courses at their Polytechnic with the existing faculty from **10.02.2025** and ensure seamless implementation.

Course Structure and Schedule:**Days:** Every Monday to Saturday**Timings:** 4:30 PM - 6:00 PM**Total Duration:** 40 contact hours per course**Theory:** 30 hours**Industry Training:** 10 hours (to be conducted during summer vacation)

The Regional Joint Directors of both AU and SVU Regions are requested to oversee the implementation of these additional courses in their respective regions.

The Secretary, SBTET, AP, is requested to issue the curriculum for these courses and monitor their implementation and continuous assessment.

Strict adherence to these instructions is mandated, and progress will be reviewed periodically.

DIRECTOR

To,
The Principals of Government Polytechnics concerned
Copy to the RJD(TE), Kakinada and Tirupathi
Copy to the Secretary, SBTET, AP

ANNEXURE

1. CLUSTER :: KRISHNA & GUNTUR

S.No	Lead Sector	Branch	Title of Add-on Course	Cluster
1	TEXTILE	Textile	Process Control in Spinning Mills.	Krishna & Guntur
2		Mechanical	Machine Maintenance & Repair in Textile Industry.	

SI No	INST CODE	District	Name of the Polytechnic	Branch
1	63	Guntur	Government Institute of Textile Technology Guntur	TEXTILE
2	14	Guntur	MBTS Government Polytechnic, Guntur	Mechanical
3	164	Guntur	Government Polytechnic Ponnur	
4	306	Guntur	Government Polytechnic, Repalle	
5	13	Krishna	Government Polytechnic, Vijayawada	
6	183	Krishna	Government polytechnic, Gannavaram	
7	215	Krishna	Government Polytechnic, Machilipatnam	

CLUSTER :: EAST & WEST GODAVARI

S.No	Lead Sector	Branch	Title of Add-on Course	Cluster
1	AQUA	Mechanical	Ammonia refrigeration systems in Aqua Industry.	East & West Godavari

Sl, No	COLLEGE CODE	District	Name of the Polytechnic	Branch
1	10	East Godavari	Andhra Polytechnic, Kakinada	Mechanical
2	67	East Godavari	G.M.R. Polytechnic, Yetapaka	
3	72	East Godavari	Dr. B R A GMR. Polytechnic, Rajahmundry	
4	529	East Godavari	Government Polytechnic, Anaparthi	
5	531	East Godavari	GMR, Polytechnic, Rampachodavaram	
6	530	East Godavari	Government Polytechnic, Pithapuram	
7	162	West Godavari	Government Polytechnic, Jangareddygudem	
8	178	West Godavari	Government Polytechnic, Tadepalligudem	

3. CLUSTER:: PRAKASAM

S.No	Lead Sector	Branch	Title of Add-on Course	Cluster
1	Granite	Mechanical	Machine Maintenance and Repair in Granite Industry.	Prakasam
2		Electrical	Automation through PLC and SCADA in Granite Industry	
3		Civil	Quality Control in Granite Industry.	

Sl No	COLLEGE CODE	District	Name of the Polytechnic	Branch
1	39	Prakasam	DA Govt Polytechnic, Ongole	Mechanical
2	39		DA Govt Polytechnic, Ongole	
3	201		Government Polytechnic, Kandukur	Electrical
4	39		DA Govt Polytechnic, Ongole	
5	201		Government Polytechnic, Kandukur	Civil

4. CLUSTER : NELLORE

S.No	Lead Sector	Branch	Title of Add-on Course	Cluster
1	Oil Technology	Mechanical	Machinery Maintenance in Oil Industry.	Nellore
				Agro & Food Processing (Oil Technology) Oil Extraction & Refineries
				Electrical
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Sl No	COLLEGE CODE	District	Name of the Polytechnic	Branch
1	17	SPSR Nellore	Government Polytechnic, Gudur	Mechanical
2	305		Government Polytechnic, Atmakur	
3	17		Government Polytechnic, Gudur	Electrical
4	209		Government polytechnic, Kavali	

5. CLUSTER: North Andhra (Srikakulam, Vizianagaram & Visakhapatnam)

S.No	Lead Sector	Branch	Title of Add-on Course	Cluster
1	Pharma	Instrumentation	Pharma Process Control Instrumentation.	North Andhra
2	Manufacturing	Mechanical	Maintenance in Manufacturing Industry	
3		Metallurgy	Advanced NDTs in Manufacturing Industry.	

Sl No	COLLEGE CODE	District	Name of the Polytechnic	Branch
				Instrumentation

1	088		GPW, Srikakulam	
2	8	Srikakulam	Government Polytechnic, Srikakulam	
3	208		Government polytechnic, Amudalavalasa	
4	9		Government Polytechnic, Visakhapatnam	
5	43		G.M.R. Polytechnic, Paderu	
6	60		Government Polytechnic, Narsipatnam	
7	332		SSSD. Government Polytechnic, Chinamerangi	
8	173	Visakhapatnam	Government Polytechnic, Anakapalli	Mechanical
9	534		GMR, Polytechnic, Gummalakshmpuram	
10	536		GMR, Polytechnic, Seethampeta	
11	637		Government Polytechnic, Pendurthi	
12	38	Vizianagaram	Mragr, Govt Polytechnic, Vizianagaram	
13	533		Government Polytechnic, Cheepurupalli	
14	9	Visakhapatnam	Government Polytechnic, Visakhapatnam	Metallurgy
15	38	Vizianagaram	Mragr, Govt Polytechnic, Vizianagaram	

06. CLUSTER :: Ananthapur

S.No	Lead Sector	Branch	Title of Add-on Course	Cluster
1	Automotive Automobile	Mechanical	Assembly in AUTOMOTIVES	Ananthapur
2		Automobile	AUTOMOTIVE Dynamics and Controls.	
3		Electrical	Electrical Systems in Automotives	

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Sl No	COLLEGE CODE	District	Name of the Polytechnic	Branch

1	20	Anathapur	Government Polytechnic, Anantapur	Mechanical
2	165		Government Polytechnic Raidurg	
3	527		Government Polytechnic, Narpala	
4	669		Government Polytechnic, Gunthakal	
5	20		Government Polytechnic, Anantapur	Automobile
6	175		Government Polytechnic Kadiri	Electrical
7	20		Government Polytechnic, Anantapur	
8	175		Government Polytechnic, Kadiri	
9	198		Government polytechnic, Tadipatri	Electrical
10	205		Government Polytechnic, Uravakonda	Electrical
11	206		Government Polytechnic, Madakasira	Electrical
12	527		Government Polytechnic, Narpla	Electrical
13	669		Government Polytechnic, Gunthakal	Electrical

07. CLUSTER:: Kurnool

S.No	Lead Sector	Branch	Title of Add-on Course	Cluster
1	Renewable energy Solar & wind	Mechanical	Solar Energy Basics and system design	Kurnool
2		Civil	Civil Engineering for Renewable Energy Projects.	

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Sl No	COLLEGE CODE	District	Name of the Polytechnic	Branch
1	21	Kurnool	ESC Government Polytechnic, Nandyal	Mechanical
2	68		Government Model Residential Polytechnic, Srisailam	
3	98		Government Polytechnic For Minorities, Kurnool	

4	188		Government polytechnic, Alur	
5	668		Government Polytechnic, Bethamcherla	
6	21	Kurnool	ESC Government Polytechnic, Nandyal	Civil
7	68		Government Model Residential Polytechnic, Srisailam	
8	188		Government polytechnic, Alur	

8. CLUSTER:: Kadapa

S.No	Lead Sector	Branch	Title of Add-on Course	Cluster
1	Cement	Civil	Material Testing in Cement Industry.	Kadapa
2		Mechanical	Equipment Maintenance in Cement Industry.	
3		Electrical	Electrical Automation in Cement Industry.	

Sl No	COLLEGE CODE	District	College Name	Branches
1	22	YSR Kadapa	Govt Polytechnic, Proddatur	Civil
2	57		Government Polytechnic For Women, Kadapa	
3	73		GMR, Polytechnic, Madanapalli	
4	172		Govt. Polytechnic, Vempalli	
5	176		Government Polytechnic, Rajampeta	
6	184		Government polytechnic, Simhadripuram	
7	670		Government Polytechnic, Mydukur	Mechanical
8	22		Govt Polytechnic, Proddatur	
9	73		GMR, Polytechnic, Madanapalli	
10	171		Government Polytechnic Jammalamadugu	
11	172		Govt. Polytechnic, Vempalli	
12	176		Government Polytechnic, Rajampeta	
			Government polytechnic,	

13	184		Simhadripuram	
14	670		Government Polytechnic, Mydukur	
15	22		Govt Polytechnic, Proddatur	Electrical
16	57		Government Polytechnic For Women, Kadapa	
17	171		Government Polytechnic Jammalamadugu	
18	172		Govt. Polytechnic, Vempalli	
19	184		Government polytechnic, Simhadripuram	
20	199		Government polytechnic, Kamalapuram	
21	213		Government Polytechnic, Rayachoty	
22	670		Government Polytechnic, Mydukur	

09. Cluster:: Chittor

S.No	Lead Sector	Branch	Title of Add-on Course	Cluster
1	Electronics	Electronics	PCB Design e CAD	Chittor

SI No	INST CODE	District	Name of the Polytechnic	Branch
1	18	Chittoor	S.V. Govt Polytechnic, Tirupati	Electronics
2	59		Government Polytechnic For Women, Palamaneru	
3	101		Dr. Y C James Yen Govt Polytechnic, Kuppam	
4	155		Govt Polytechnic, Pillaripattu, Nagari	
5	166		Government Polytechnic, Chandragiri	
6	185		Government polytechnic, Satyavedu	
7	200		Government Polytechnic, Kalikiri	



DIRECTOR

Digitally signed by
GUMMALA GANESH KUMAR
Date: 07-02-2025 22:47:02