

**PROCEEDINGS OF THE DIRECTOR OF TECHNICAL EDUCATION
ANDHRA PRADESH::MANGALAGIRI**

**Present: Smt C. NAGA RANI, I.A.S.,
DIRECTOR**

Procs.No. K/Upgradation of Labs/2022

Dated: 30.12.2022

Sub: TECHNICAL EDUCATION- Deficiencies raised by AICTE, New Delhi-
NBA Accreditation-Procurement of Desk Top Computers -
Permission-Accorded.

Read:1) Lr. No .AICTE/Adv/AV/Compliance/ Deficiency/2022-23, Dt.
11.02.2022 from the Chairman, AICTE, New Delhi
2) Letters received from the Principals of certain Polytechnics dated.
24.11.2021, 29.11.2021 and 21.04.2022
3) This office Circular Memo. No.K3/18272/2010-11 dt. 10.01.2014.
4) This office Circular Memo. No.K3/18272/2010-11 dt. 17.10.2022.
5) This office Memo. No. K/3956/2022, Dt.28.12.2022

ORDER:

The attention of all the Principals of Govt Polytechnics to the subject cited and informed that the AICTE, New Delhi has raised many deficiencies for the year 2021-22 in the majority of the Polytechnics based on the reports submitted by the Principals/scrutiny committee vide ref(1) cited.

Further this department is gearing up for obtaining National Board of Accreditation (NBA) to maximum number of Polytechnics as envisaged by Hon'ble Chief Minister of Andhra Pradesh. A pre-requisite to apply for accreditation by National Board of Accreditation, New Delhi is that all laboratories need to be sufficiently equipped with up-to-date machinery and equipment as per the latest curriculum requirements.

Further it is noticed that the laboratories in new Polytechnics are not fully established and most of the existing equipment and machinery in old Polytechnics are either out dated or not in working condition. This is hampering the implementation of training part in the curriculum for the Diploma students and getting NBA accreditation. Thus, there is a dire need and necessity to upgrade/purchase new laboratory equipment in order to overcome this situation.

The Director of Technical Education is focusing on imparting high-quality training (purposeful and employable training, adequate professional and job-oriented skills, to get work experience) for the Diploma students during course of Diploma Education to create more opportunities for employment.

Further many of the Principals of Govt Polytechnics have been requesting the Director of Technical Education to arrange the latest equipment/machinery as per the C-20 Curriculum as cited in the ref(2) and submitted the requirements of latest equipment/ machinery as per the C-20 Curriculum for each laboratory.

In view of the above, the Director of Technical Education has decided that the Polytechnics should be equipped with Desk top Computers in all the institutions to fulfil the deficiency raised by AICTE and for getting NBA.

The Principals/ Heads of the Institutions have been given necessary permission for procurement vide ref (3) and (4) read above.

Hence all the Principals of Government Polytechnics are hereby permitted to procure the number of Desk top Computers as mentioned in the Annexure-II for each Government Polytechnic with the following configuration/specifications (detailed specifications are shown in Annexure-I) and price.

- "12th Generation Intel Core i3-12100 (3.3 GHz or above), Windows 11 OS, 8GB DDR4-RAM, 512 GB SSD, Integrated Graphics Card, 19.5 inch LED Monitor, Multimedia Keyboard, Optical Mouse".
- Cost of each Computer system= Rs. 65,000 /- (Approximately)

Further all the Principals of Government Polytechnics are requested to initiate the procurement procedure and advised to made procurement in GeM portal. The Principals are directed to meet the expenditure for the above procurement from funds provided by SBTET, A.P.

The Principals are further instructed to complete the entire procurement procedure of Desk top Computers on or before **15-01-2023** to fulfill the deficiencies raised by AICTE, to get NBA accreditation and to impart proper training/skilling to the Diploma students admitted in the Govt Polytechnics.

Sd/- C. Naga Rani
DIRECTOR

To
The Principals of all Government Polytechnics.

Copy to:

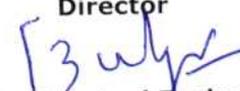
- 1) The Secretary, SBTET for information and necessary action
- 2) The RJDTE, Kakinada and Tirupati for information


Deputy Director (Technical)

Annexure-1
Government of Andhra Pradesh
Department of Technical Education
Specifications of the Desk Top Computers

| SNo | Item | Specifications |
|-----|------------------|---|
| 1 | Form Factor | Tower/Micro Tower/Mini Tower |
| 2 | Chassis | Standard Chassis |
| 3 | Chipset | Intel® H670 Chipset or better |
| 4 | Processor | Intel® 12th Gen Core i3-12100 Processor |
| | | 3.30 GHz base frequency |
| | | Up to 4.4 GHz max. turbo frequency 12 MB cache, 4 cores or higher |
| 5 | Memory | 8 GB DDR4-3200 Mhz, Memory expandability up to 64 GB with 2 DIMM Slots |
| 6 | SSD | 512GB SSD |
| 7 | Graphics | Intel® UHD Graphics 770 |
| 8 | Audio | Integrated audio controller with internal speaker |
| 9 | Operating System | Microsoft Windows 11 Professional with OEM Recovery DVD or option of Cloud Recovery |
| 10 | Networking | Integrated 10/100/1000 Ethernet Controller |
| 11 | Ports | Video: 1 HDMI 1.4 , 1 VGA |
| | | USB: 4 USB 3.2 Gen 1, 2 USB 3.2 Gen 2, 2 USB 2.0 |
| 12 | Slots | 1 PCI Express 4.0 x16 |
| | | 1 PCI Express 3.0 x1 |
| | | 1 PCI (Full Height) |
| | | 2 M.2 slots for WIFI & SSD |
| | | 3 SATA Ports, 1 Serial Port |
| 13 | Bays | 2X 3.5" Internal , 1 External bay |
| 14 | Keyboard | USB Wired Keyboard, |
| 15 | Mouse | USB Optical Wired Mouse |
| 16 | Power Supply | 180 W with 90% efficiency or better |
| 17 | Volume | No More than 16 L |
| 18 | Security | TPM 2.0 (Hardware) |
| | | Integrated Intrusion Sensor |
| | | Integrated cable lock slot for keyboard and Mouse |
| | | Drive Lock for hard disk |
| 19 | Certifications | Microsoft Windows 11 |
| | | FCC,CE, RoHS, UL, EPEAT, Energy Star |
| | | ISO 9001,14001,20001,27001 for OEM |
| 20 | Display | 19.5 inch or Higher (Same OEM as desktop) , VGA & HDMI Port, TCO 8.0 certified |
| 21 | Warranty | 3 Years Comprehensive onsite warranty |

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Director


Deputy Director(Technical)

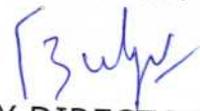
Annexure
Government of Andhra Pradesh
Department of Technical Education

Requirement of DeskTop Computers in Government Polytechnics

| S.No | Institution Code | Name of the Polytechnic | No of Computers required |
|------|------------------|---|--------------------------|
| 1 | 008 | GOVT.POLYTECHNIC,Srikakulum | 30 |
| 2 | 009 | GOVT. POLYTECHNIC, Visakhapatnam | 30 |
| 3 | 010 | ANDHRA POLYTECHNIC, Kakinada | 30 |
| 4 | 013 | GOVT.POLYTECHNIC, Vijayawada | 30 |
| 5 | 014 | MBTS GOVT. POLYTECHNIC,Guntur | 30 |
| 6 | 016 | GOVT POLYTECHNIC, Nellore | 30 |
| 7 | 018 | SV GOVT POLYTECHNIC, Tirupathi | 30 |
| 8 | 020 | GOVT POLYTECHNIC,Ananthapur | 30 |
| 9 | 101 | YC JAMES YEN GPT, Kuppam | 30 |
| 10 | 637 | GOVERNMENT POLYTECHNIC, Pendurthi | 30 |
| 11 | 017 | GOVT POLYTECHNIC, Gudur | 20 |
| 12 | 021 | ESC GOVT POLYTECHNIC, Nandyala | 20 |
| 13 | 022 | GOVT POLYTECHNIC, Prodduturu | 20 |
| 14 | 038 | MRAGR GOVT. POLYTECHNIC, Vizianagaram | 30 |
| 15 | 039 | D.A GOVT POLYTECHNIC, Ongole | 20 |
| 16 | 045 | GOVT. POLYTECHNIC FOR WOMEN, Bhimili | 30 |
| 17 | 048 | GOVT POLYTECHNIC FOR WOMEN, Nellore | 30 |
| 18 | 057 | GOVT POLYTECHNIC FOR WOMEN, Kadapa | 30 |
| 19 | 060 | GOVT. POLYTECHNIC, Narsipatnam | 20 |
| 20 | 065 | GOVT.INSTITUTE OF CHEMICAL ENGG, Visakhapatnam | 20 |
| 21 | 068 | GOVT MODEL RESIDENTIAL POLYTECHNIC, Srisailam | 20 |
| 22 | 071 | SUVR AND SR GOVT POLYTECHNIC FOR WOMEN, Eeethamukkala | 20 |
| 23 | 072 | DR.B.R.AMBEDKAR GMR POLYTECHNIC, Rajahmundry | 30 |
| 24 | 155 | GOVT POLYTECHNIC, Pillaripattu | 30 |
| 25 | 166 | GOVT.POLYTECHNIC, Chandragiri | 20 |
| 26 | 170 | GOVT.POLYTECHNIC, Dharmavaram | 30 |
| 27 | 171 | GOVT.POLYTECHNIC, Jammalamadugu | 20 |
| 28 | 172 | GOVT.POLYTECHNIC, Vempalli | 20 |
| 29 | 173 | GOVT.POLYTECHNIC, Anakapalli | 30 |
| 30 | 176 | GOVT.POLYTECHNIC, Rajampeta | 20 |
| 31 | 183 | GOVT.POLYTECHNIC, Gannavaram | 20 |
| 32 | 198 | GOVT.POLYTECHNIC, Tadipathri | 20 |
| 33 | 200 | GOVERNMENT POLYTECHNIC, Kalikiri | 20 |
| 34 | 207 | GOVERNMENT POLYTECHNIC, Kalyandurgam | 30 |
| 35 | 208 | GOVERNMENT POLYTECHNIC, Amudalavalasa | 20 |
| 36 | 209 | GOVERNMENT POLYTECHNIC, Kavali | 20 |
| 37 | 332 | SMT. SATRUCHARLA SASIKALA DEVI GPT, Chinamerangi | 10 |
| 38 | 527 | GOVERNMENT POLYTECHNIC, Narpala | 20 |
| 39 | 530 | GOVERNMENT POLYTECHNIC,Pithapuram | 20 |
| 40 | 011 | GOVT. POLYTECHNIC FOR WOMEN, Kakinada | 20 |
| 41 | 015 | GOVT. POLYTECHNIC FOR WOMEN, Guntur | 20 |
| 42 | 043 | GOVT. MODEL RESIDENTIAL POLYTECHNIC, Paderu | 15 |
| 43 | 058 | GOVT POLYTECHNIC FOR WOMEN, Hindupur | 15 |
| 44 | 059 | GOVT POLYTECHNIC FOR WOMEN, Palamaneru | 15 |
| 45 | 073 | GMR POLYTECHNIC, Madanapalli | 15 |
| 46 | 077 | GOVT. POLYTECHNIC FOR WOMEN, Nandigama | 15 |
| 47 | 088 | GOVT. POLYTECHNIC FOR WOMEN, Srikakulum | 30 |
| 48 | 154 | GOVT POLYTECHNIC, Obulavaripalli | 20 |
| 49 | 163 | GOVT.POLYTECHNIC, Parvatheepuram | 15 |

| S.No | Institution Code | Name of the Polytechnic | No of Computers required |
|--------------|------------------|--|--------------------------|
| 50 | 185 | GOVT.POLYTECHNIC, Satyavedu | 10 |
| 51 | 202 | GOVERNMENT POLYTECHNIC, Addanki | 30 |
| 52 | 213 | GOVERNMENT POLYTECHNIC, Rayachoti | 15 |
| 53 | 635 | GOVERNMENT POLYTECHNIC, Chodavaram | 10 |
| 54 | 067 | GOVT MODEL RESIDENTIAL POLYTECHNIC, Yetapaka | 10 |
| 55 | 096 | GOVT POLYTECHNIC FOR MINORITIES, Gunturu | 10 |
| 56 | 098 | GOVT POLYTECHNIC FOR MINORITIES, Kurnool | 30 |
| 57 | 162 | GOVT.POLYTECHNIC, Jangareddigudem | 10 |
| 58 | 164 | GOVT.POLYTECHNIC, Ponnuru | 6 |
| 59 | 175 | GOVT.POLYTECHNIC, Kadiri | 10 |
| 60 | 178 | GOVT.POLYTECHNIC, Tadepalligudem | 10 |
| 61 | 184 | GOVT.POLYTECHNIC, Simhadripuram | 20 |
| 62 | 188 | GOVT.POLYTECHNIC, Aluru | 6 |
| 63 | 199 | GOVT.POLYTECHNIC, Kamalapuram | 10 |
| 64 | 201 | GOVERNMENT POLYTECHNIC, Kandukuru | 10 |
| 65 | 203 | GOVERNMENT POLYTECHNIC, adoni | 6 |
| 66 | 205 | GOVERNMENT POLYTECHNIC, Uravakonda | 6 |
| 67 | 206 | GOVERNMENT POLYTECHNIC, Madakasira | 6 |
| 68 | 305 | GOVT.POLYTECHNIC,Atmakuru | 10 |
| 69 | 533 | G.B.R GOVERNMENT POLYTECHNIC, Chipurupalli | 10 |
| 70 | 535 | GOVERNMENT POLYTECHNIC, Tekkali | 10 |
| 71 | 063 | GOVT INSTT OF TEXTILE TECHNOLOGY, Guntur | 7 |
| 72 | 070 | GOVT INSTITUTE OF CERAMIC TECHNOLOGY, Guduru | 7 |
| 73 | 165 | GOVT.POLYTECHNIC, Rayadurg | 7 |
| 74 | 192 | GOVT.POLYTECHNIC, Kalidindi | 7 |
| 75 | 212 | GOVERNMENT POLYTECHNIC, Krosuru | 6 |
| 76 | 215 | GOVERNMENT POLYTECHNIC, Machilipatnam | 7 |
| 77 | 306 | GOVERNMENT POLYTECHNIC, Repalle | 7 |
| 78 | 528 | GOVERNMENT POLYTECHNIC, Drakshramam | 6 |
| 79 | 529 | GOVERNMENT POLYTECHNIC, Anaparthi | 6 |
| 80 | 531 | GMR POLYTECHNIC, Rampachodavaram | 5 |
| 81 | 532 | GMR POLYTECHNIC, KR Puram | 5 |
| 82 | 534 | GMR POLYTECHNIC, G L Puram | 5 |
| 83 | 536 | GMR POLYTECHNIC, Seethampeta | 5 |
| 84 | 055 | SGPR GPT, Kurnool, Kurnool | 10 |
| Total | | | 1475 |

Sd/- C. NAGA RANI
DIRECTOR


DIPUTY DIRECTOR (TECH)