

CIRCULAR

Sub:- State Institute of Technical Teachers Training & Research, Kalamassery- Lateral Entry admission - Bridge course reg.

Ref :- 1.GO (RT) no. 995/2021/HEdn dated 30.6.2022

2.Circular no. C2/38102/22/DTE dated 19/9/2022

The Following guidelines are issued for the smooth conduct of Bridge course classes for the Lateral Entry students . Principals of all Govt. / Govt. Aided/ IHRD/CAPE/ Self Financing Polytechnic Colleges shall follow the same.

1. Each institution shall conduct appropriate bridge courses as included, by providing additional classes to the lateral entry students during morning/ evening/ Saturdays in online/contact mode .
2. Conduct Institution level examinations as per 11.1.3 of Curriculum Revision 21 for the courses and keep ready all documents and assessments for further scrutiny of SBTE and to meet stipulations of CTE.
3. The students shall earn a "Pass" in the institution level examinations in these courses for the award of Diploma.
4. Bridge course classes shall be conducted without affecting regular S3 classes for the Lateral Entry Candidates.
5. Student records for Engineering Workshop Practice and program specific practicals shall to be maintained by students. The same shall be certified by faculty /HOD.
6. Head of Department and faculty concerned are directed to ensure sufficient experiments to be performed in the laboratory/workshop so that students can attain outcomes as in curriculum, to follow their studies in higher semesters.

The list of Common courses and Program specific courses to be passed by Lateral Entry students admitted from 2022-23 onwards is enclosed.




A S Chandrakanta

Deputy Director

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STATE INSTITUTE OF TECHNICAL TEACHERS TRAINING & RESEARCH

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**BRIDGE COURSE (COMMON COURSES AND PROGRAM SPECIFIC COURSES) TO BE 'PASSED' BY
LATERAL ENTRY STUDENTS (AS PER CURRICULUM REV 2021) FROM 2022-23 ONWARDS**

1. COMMON COURSES

CATEGORY	COURSES
PLUS TWO / VHSE	Engineering Graphics
	Engineering Workshop Practice
ITI / KGCE	Mathematics II
	Applied Physics II

2. PROGRAM SPECIFIC COURSES

Programme	Branch specific theory	Branch specific practical
Architecture	Fundamentals of Architecture	Basic Architectural Drawing
Automation and Robotics	Foundation of Robotics	Foundation of Robotics lab
Automobile Engineering	Basic Automobile Engineering	Automobile Service lab I.
Biomedical Engineering	Basic Electronics	Electronics Tinkering Workshop
Chemical Engineering	Chemical process principles	CAD lab.
Civil Engineering	Basic surveying	Basic surveying lab
Cloud Computing and Big Data	Problem Solving and Programming	Problem Solving and Programming Lab
Communication and Computer Networking	Problem solving and programming	Problem Solving and Programming Lab
Computer Engineering	Problem solving and Programming	Problem Solving and Programming Lab
Computer Hardware Engineering	Problem solving and Programming	Problem Solving and Programming Lab
Cyber Forensics and Informa	Problem Solving and Programming	Problem Solving and Programming Lab
Electrical & Electronics Engineering	2032- Elementary Concepts of Electrical Systems	2038- Engineering Graphics using CAD
Electronics & Communication Engineering	Basic Electronics	Electronics Tinkering Workshop
Electronics Engineering	Basic electronics	Electronics Tinkering Workshop
Information Technology	Problem Solving and Programming	Problem Solving and Programming Lab
Instrumentation	Electronic instrumentation	Electronic instrument Lab
Mechanical Engineering	Manufacturing Technology	Basic Cad lab
Polymer Technology	Fundamentals of Polymer Science	CAD Lab 1
Printing Technology	Basics of Printing Processes	Office Automation Workshop
Renewable Energy	Basic Electrical Engineering and Renewable Technology	Engineering Graphics using CAD
Robotic Process Automation	Introduction to Computation and Programming	Introduction to Computation and Programming Lab
Textile Technology	Textile fibres	Basic Textile Mechanics lab
Tool & Die Engineering	Production Engineering I	Basic CAD Lab
Wood & Paper Technology	Botany and Anatomical structure	Botany lab



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