

K. J. SOMAIYA POLYTECHNIC

Vidyanagar, Vidyavihar, Mumbai 400 077

Ref. No. KJSP/ EXAM / 2025-2026/ 83

Date: 11 FEB 2026

IMP NOTICE – Closure of theory courses for 2022 curriculum

All the students of FTD/PTD 2022 curriculum are hereby informed that a number of opportunities were given to clear all their backlog courses to complete Diploma from 2022 curriculum, yet some students are there whose backlog courses are to be cleared to complete Diploma programme. All the theory courses of 2022 curriculum are permanently closed and all such students hereafter have to appear for the equivalent courses examination of 2023 curriculum from Summer-2026 examination.

Students having backlog in Practical course (PR/OR) examination of 2022 curriculum are given final opportunity in Summer-2026 examination. The non theory courses will be closed in Summer-2026 examination and have to appear for equivalent course in future.

Students should obtain the course syllabus for equivalent courses from the department and prepare accordingly for end theory examinations. The students must fill in the examination forms and pay necessary fees, which will be issued in second week of March 2026. The student should carefully read the examination form and prepare for the course examination.

The equivalent theory course of 2023 curriculum for each department is mentioned below for their information and student should prepare accordingly. They should contact the respective course faculty for clearing their doubts in the courses if any.


Padmajabhanu Bandaru
Principal

CC: All Head of Department / Exam. Section ...for N/A
Faculty.....by email
USK - To be displayed on Institute website.

K. J. SOMAIYA POLYTECHNIC, MUMBAI 77

EXAMINATION SECTION EQUIVALENT COURSES 2022 & 2023

• **CIVIL ENGG DEPT.**

ORIGINAL COURSE (2022)			EQUIVALENT COURSE (2023)	
Sr.No	COURSE CODE	COURSE NAME	COURSE CODE	COURSE NAME
1	A22BS01	Communication Skills	A23BS01	Communication Skills
2	A22BS03	Physics-I	A23BS03	Physics-I
3	A22BS06	Basic Mathematics	A23BS06	Basic Mathematics
4	C22BS05	Chemistry and Environment Studies	C23BS05	Chemistry and Environment Studies
5	A22BS02	Communication Practice	C23BS02	Communication Practice
6	A22BS81	Applied Mathematics	A23BS07	Applied Mathematics
7	C22BB04	Engineering Mechanics	C23BB04	Engineering Mechanics
8	C22RC11	Building Construction	C23RC11	Building Construction
9	C22RC12	Transportation Engineering-I	C23RC12	Transportation Engineering-I
10	C22RC13	Concrete Technology	C23RC13	Concrete Technology
11	C22RC14	Mechanics of Structures	C23RC14	Mechanics of Structures
12	C22BC32	Soil Mechanics	C23BC32	Soil Mechanics
13	C22BC35	Theory of Structures	C23BC35	Theory of Structures
14	C22BS10	Engineering Mathematics	A23BS08	Engineering Mathematics
15	C22BS83	Mathematics-III	C22BS83	Mathematics-III (Oral Exam)
16	C22RC15	Surveying-II	C23RC15	Surveying-II
17	C22BC16	Transportation Engineering-II	C23BC16	Transportation Engineering-II
18	C22RA20	Design of Reinforced Concrete Structures	C23RC20	Design of Reinforced Concrete Structures
19	C22RA21	Quantity Surveying & Costing	C23RC21	Quantity Surveying & Costing
20	C22RM01	Construction Management	C23RM01	Construction Management
21	C22BC19	Water Supply & Sanitary Engineering	C23BC19	Water Supply & Sanitary Engineering
22	C22RA24	Contract Accounts & Valuation	C23RA24	Contract Accounts & Valuation
23	C22RA25	Repair & Maintenances of RCC Buildings	C23RA25	Repair & Maintenances of RCC Buildings
24	C22RA26	Water Resource Engg.	C23RC26	Water Resource Engg.
25	C22RA31	Design of Steel Structure	C23RA31	Design of Steel Structure

• COMPUTER ENGG DEPT

Sr.No	COURSE CODE	COURSE NAME
1	A22BS01	Communication Skills
2	A22BS03	Physics-I
3	A22BS06	Basic Mathematics
4	A22BS02	Communication Practice
5	A22BS81	Applied Mathematics
6	O22BB10	Physics-II
7	O22BB11	Programming in C
8	O22BB09	Digital Electronics
9	O22BC18	Computer Network
10	O22BS08	Engineering Mathematics
11	O22RA25	Computer Organization
12	O22BB13	Data Structures
13	O22BC19	Database Management System
14	O22BS83	Mathematics-III
15	O22RA22	Core Java
16	O22RC14	Microprocessor
17	O22RC21	Operating Systems
18	O22RA23	Advanced Java
19	O22RA28	Software Engineering
20	O22RC17	Linux and Network Administration
21	O22RA29	System Security
22	O22RC20	Advanced Database
23	O22RM01	Management

COURSE CODE	COURSE NAME
A23BS01	Communication Skills
A23BS03	Physics-I
A23BS06	Basic Mathematics
A23BS02	Communication Practice
A23BS07	Applied Mathematics
O22BB10	Physics-II (Oral Exam)
O23BB11	Programming in C
O23BB09	Digital Electronics
O23BC13	Computer Network
A23BS08	Engineering Mathematics
O22RA25	Computer Organization (Oral Exam)
O23RB17	Data Structures
O23RC15	Database and Warehousing
O22BS83	Mathematics-III (Oral Exam)
O23RA14	Java Programming
O23RC10	Microprocessor
O23RC16	Operating Systems
O22RA23	Advanced Java (Oral Exam)
O23RC20	Software Engineering
O23RC21	Linux Administration
O23RC18	System Security & Digital Forensic
O22RC20	Advanced Database (Oral Exam)
O23RM01	Management

• ELECTRICAL ENGG DEPT.

Sr No	COURSE CODE	COURSE NAME
1	A22BS01	Communication Skills
2	A22BS03	Physics-I
3	A22BS06	Basic Mathematics
4	A22BS02	Communication Practice
5	A22BS81	Applied Mathematics
6	E22BB09	Physics-II
7	E22BB08	AC Fundamentals
8	E22BS15	Engineering Mathematics
9	E22BC10	Electrical Circuits and Network
10	E22BC11	DC machines and Transformer
11	E22BC12	Industrial Measurement and Instrumentation
12	E22BS82	Mathematics-III
13	E22BC14	Digital Electronics and Microcontroller
14	E22RA16	AC Machines
15	E22RA26	Electrical Estimation and Contracts
16	E22RC13	Generation of Electric Power
17	E22RA18	Power Electronics and Drive
18	E22RA19	Testing and Maintenance of Electrical Equipments
19	E22RA20	Transmission and Distribution
20	E22RA22	Solar and Wind Technology-I
21	E22RA23	Substation Practice-I
22	E22RA27	Switchgear and Protection
23	E22RA17	Utilization & Traction
24	E22RM01	Project Management

COURSE CODE	COURSE NAME
A23BS01	Communication Skills
A23BS03	Physics-I
A23BS06	Basic Mathematics
A23BS02	Communication Practice
A23BS07	Applied Mathematics
E22BB09	Physics-II (Oral Exam)
E23BB08	Basic Electrical Engineering
A23BS08	Engineering Mathematics
E23BC10	Electrical Circuits and Network
E23BC11	DC machines and Transformers
E22BC12	Industrial Measurement and Instrumentation (Oral Exam)
E22BS82	Mathematics-III (Oral Exam)
E23BC14	Digital Electronics
E23RA16	AC Machines
E23RA26	Electrical Estimation and Contracts
E23RC13	Generation of Electric Power
E23RA18	Power Electronics
E23RC19	Testing and Maintenance of Electrical Equipments
E23RA20	Transmission and Distribution
E23RA22	Solar and Wind Technology-I
E23RA23	Substation Practice-I
E23RA27	Switchgear and Protection
E23RC17	Utilization & Traction
E23RM01	Project Management

• **INDUSTRIAL ELECTRONICS ENGG DEPT.**

Sr.No	COURSE CODE	COURSE NAME	COURSE CODE	COURSE NAME
1	A22BS01	Communication Skills	A23BS01	Communication Skills
2	A22BS03	Physics-I	A23BS03	Physics-I
3	A22BS06	Basic Mathematics	A23BS06	Basic Mathematics
4	A22BS02	Communication Practice	A23BS02	Communication Practice
5	A22BS81	Applied Mathematics	A23BS07	Applied Mathematics
6	I22BS05	Physics-II	I22BS05	Physics-II (Oral Exam)
7	I22BB15	Fundamental of Electrical Engineering	I23BB15	Basic Electrical Engineering
8	I22BB16	Programming in C	I23BB16	Programming in C
9	I22BB11	Applied Electronics	I23BB11	Applied Electronics
10	I22BB12	Digital Electronics	I23BB12	Digital Electronics
11	I22BS08	Engineering Mathematics	A23BS08	Engineering Mathematics
12	I22BB13	Electronics Measurements and Instruments	I23BB13	Electronics Measurements and Instruments
13	I22BS82	Mathematics-III	I22BS82	Mathematics-III (Oral Exam)
14	I22RB14	Electronics Communication Engineering	I23RB14	Electronics Communication Engineering
15	I22RC21	Microprocessors	I23RC21	Microprocessors
16	I22RC23	Industrial Electronics	I23RC23	Industrial Electronics
17	I22RC22	Analog Integrated Circuit	I23RC22	Analog Integrated Circuit
18	I22RC26	Instrumentation	I23RC26	Instrumentation
19	I22BB17	Electrical Machine	I23BB17	Electrical Machine
20	I22RA31	Embedded Systems	I23RC31	Embedded Systems
21	I22RA32	Power Electronics	I23RC32	Power Electronics
22	I22RA33	Digital Communication		Not Offered
23	I22RA34	Mechatronics	I23RA34	Mechatronics
24	I22RC24	Electronics Control System	I22RC24	Electronics Control System (Oral Exam)
25	I22RM01	Management	I23RM01	Management

• **MECHANICAL ENGG DEPT.**

Sr.No	COURSE CODE	COURSE NAME		COURSE CODE	COURSE NAME
1	A22BS01	Communication Skills		A23BS01	Communication Skills
2	A22BS03	Physics-I		A23BS03	Physics-I
3	A22BS06	Basic Mathematics		A23BS06	Basic Mathematics
4	M22BB11	Engineering Mechanics		M23BB11	Engineering Mechanics
5	A22BS02	Communication Practice		A23BS02	Communication Practice
6	A22BS81	Applied Mathematics		A23BS07	Applied Mathematics
7	M22BS05	Chemistry		M23BS05	Chemistry
8	M22BB12	Engineering Material and Strength of Materials		M23BB31	Strength of Materials
9	M22BS08	Engineering Mathematics		A23BS08	Engineering Mathematics
10	M22BS83	Mathematics-III		M22BS83	Mathematics-III (Oral Exam)
11	M22RB13	Theory of Machines		M23RB13	Machine Mechanisms & Analysis
12	M22BB14	Manufacturing Process		M23BB14	Production Processes
13	M22RB10	Electrical and Electronics Engineering		M23RB10	Electrical and Electronics Engineering
14	M22BB16	Fluid Mechanics		M23BB16	Fluid Mechanics
15	M22BB15	Engineering Thermodynamics		M23BB15	Engineering Thermodynamics
16	M22RA22	Metrology and Quality Assurance		M23RA22	Metrology and Quality Assurance
17	M22RC17	Hydraulic & Pneumatic Machines		M23RC17	Hydraulic & Pneumatic Machines
18	M22BC27	Non Conventional Manufacturing Processes & CIM		M22BC27	Non Conventional Manufacturing Processes & CIM (Oral Exam)
19	M22RC19	Manufacturing Technology		M23RA29	Industry 4.0
20	M22RM01	Management		M23RM01	Management
21	M22RC18	Thermal Engineering		M23RC18	Thermal Engineering
22	M22RA24	Automobile Engineering		M23RA24	Automobile Engineering & Electric Vehicles
23	M22RA26	CNC Machines		M23RA26	CNC Manufacturing
24	M22RC20	Production Planning & Control		M23RC20	Production Planning & Control
25	M22RC21	Design Of Machine Elements		M23RC21	Design Of Machine Elements