



**GOVERNMENT OF KERALA
ABSTRACT**

Higher Education – Technical – Equivalent / alternate subjects in Revision 2003 scheme to revised scheme and Revision 97 scheme – Approved – Orders issued

HIGHER EDUCATION (L) DEPARTMENT

G.O.(Ms) No. 169/08/H.Edn.

Dated, Thiruvananthapuram, 11/12/2008

Read:-Letters No. C2/10050/07 dated 11/12/2007 and 23/10/2008 from the Senior Joint Director (PS), Office of the Director of Technical Education, Thiruvananthapuram.

ORDER

In the circumstances reported by the Senior Joint Director (PS) and as recommended by him, the proposal of the Joint Director, Curriculum Development Centre, Kalamassery on equivalent / alternate subjects to be passed by the student under revised scheme to revision 2003 and revision 1997 scheme to revision 2003 is approved and permission granted to conduct examinations for the students of revised scheme 1992 and for the students of revision 1997 scheme as per the equivalent / alternate subject to be passed under revision 2003 scheme.

(BY ORDER OF THE GOVERNOR)
P KRISHNAPILLAI
DEPUTY SECRETARY TO GOVERNMENT

To

The Director of Technical Education, Thiruvananthapuram
The Senior Joint Director (PS), Office of the Director of Technical Education, Thiruvananthapuram
The Joint Director, Curriculum Development Centre, Kalamassery
The Joint Controller of Technical Examination, Thiruvananthapuram
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**LIST OF
EQUIVALENT / ALTERNATE SUBJECTS**

**REVISED SCHEME to REVISION 2003
(ALL BRANCHES)**

Civil Engineering

Revised Scheme		Revision 2003	
Code	Subject	Code-03	Subject
GE 101	English	1001	English
GE 102	Technical Mathematics	1002	Technical Mathematics
GE 103	Applied Science	1003	Applied Science
CE 101	Engineering Mechanics	2001	Mechanics of Solids
CE 102	Materials of Construction and Construction practice	2005	Building Science and Technology
CE 103	Civil Engineering Drawing	1004	Engineering Graphics
GE 201	Computer Programming	1005	Computer Fundamentals & Programming in C
CE 201	Strength of Materials & Theory of Structures	3002	Theory of Structures
CE 202	Hydraulics & Irrigation Engineering	2002	Hydraulics
CE 203	Surveying I	1006	Surveying I
CE 204	Quantity Surveying I	3006	Quantity Surveying & Valuation
CE 205	Transportation Engineering	2003	Transportation Engg & Urban Planning
CE 206	Civil Engineering Drawing II	2007	Civil Engineering Drawing I
CE 207	Survey Practical I	102	Survey Practical I
CE 208	Hydraulics Laboratory	204	Hydraulics Lab
CE 209	Civil Engg Workshop	202	Construction practice lab
CE 301	Structural Engineering	3001	Design of Structures
CE 302	Surveying II	2004	Surveying II
CE 303	Environmental Engineering.	3004	Environmental Engg.
CE 304	Quantity Surveying II & Building Evaluation	3006	Quantity Surveying & Valuation
CE 305	Building Technology & Construction Management	3005	Construction Management & Entrepreneurship.
CE 306	Civil Engg Drawing III	3007	Civil Engg Drawing II
CE 307	Strength of Material & Soil Mechanics Lab	301	Material Testing Lab
CE 308	Public Health & Concrete Lab	302	Environmental Engineering Lab
CE 309	Survey Practical II, Survey camp & Viva	201	Surveying Practical II, Survey Camp & Viva Voce
CE 310	Project Work & Viva	303	Project & Viva voce, Project Report (CAD), Seminar

Mechanical Engineering

Revised Scheme		Revision 2003	
Code	Subject	Code-03	Subject
GE 101	English	1001	English
GE 102	Technical Mathematics	1002	Technical Mathematics
GE 103	Applied Science	1003	Applied Science
ME 101	Production Technology - I	1007	Material Science & Process
ME 102	Thermal Engineering I	2013	Power Plant Engineering.
ME 103	Engineering Graphics	1004	Engineering Graphics
GE 104	Applied Science Lab	101	Applied Science Lab
ME 104	Workshop Practice I	104	Workshop Practice I
GE 201	Computer Programming	1005	Computer Fundamentals & Programming in C
ME 201	Strength of Materials	2008	Applied Mechanics & Strength of Materials
ME 202	Production Technology-II	2009	Manufacturing Process
ME 203	Thermal Engineering - II	2010	Thermal Engineering
ME 204	Hydraulics & Pneumatics	2011	Hydraulics & Hydraulic Machines.
ME 205	Electrical & Electronics Engineering	2012	Electrical & Electronics Engineering
ME 206	Machine Drawing	2014	Machine Drawing
ME 207	Hydraulics Lab	207	Hydraulics Lab
ME 208	Material Testing Lab	205	Material Testing Lab
ME 209	Electrical Technology Lab	206	Electrical Technology Lab
ME 210	Workshop Practice - II	208	Workshop Practice - II
ME 301	Refrigeration & Air conditioning	3009	Refrigeration & Air conditioning
ME 302	Production Technology III	3010	Advanced Production Process
ME 303	Industrial Management & Entrepreneurship	3008	Industrial Management & Entrepreneurship
ME 304	Industrial Engineering	3011	Industrial Engineering
ME 305	Design of Machine Elements	3012	Design of Machine Elements
ME 306	Production Drawing	306	Production Drawing & AutoCAD
ME 307	Heat Engine Lab	307	Heat Engine Lab
ME 308	Servicing and Maintenance Lab	308	Servicing and Maintenance Lab
ME 309	Workshop Practice - III	309	Workshop Practice - III
ME 310	Project Work & Seminar	310	Project Work & Seminar

Electrical Engineering

Revised Scheme		Revision 2003	
Code	Subject	Code-03	Subject
GE 101	English	1001	English
GE 102	Technical Mathematics	1002	Technical Mathematics
GE 103	Applied Science	1003	Applied Science
GE 104	Applied Science Lab	101	Applied Science Lab
EE 101	Basic Electrical Engineering	1008	Basic Electrical Engineering- I
EE 102	Electrical Engineering Materials	2016	Electrical & Electronics Materials
EE 103	Engineering Graphics	1004	Engineering Graphics
EE 104	Workshop Practice	104	Workshop Practice
GE 201	Computer Programming	1005	Computer Fundamentals & Programming in C
EE 201	Hydraulics& Prime Movers	2015	Hydraulics& Prime Movers
EE 202	Measurements & Measuring Instruments	2017	Electrical & Electronic Measurements
EE 203	Electronics I	2018	Electronics Devices & Circuits
EE 204	AC Circuits and Transformers	2019	Electrical machinery I
EE 205	Power System I	2020	Electrical Energy System I
EE 206	Electrical Drawing I	2021	Electrical Engineering Drawing
EE 207	Hydraulics Lab	211	CAD Lab
EE 208	Measurement Lab	209	Electrical & Electronics Measurement Lab
EE 209	Electrical Machinery Lab - I	210	Electrical Machines Lab – I
EE 210	Electrical Workshop Practice	212	Electrical Workshop
EE 301	Electronics II	3016	Industrial Electronics & Control
EE 302	AC Machinery	3013	Electrical Machinery II
EE 303	Power System II	3014	Electrical Energy system II
EE 304	Industrial Management	3008	Industrial Management & Entrepreneurship
EE 305	Estimating & Costing	3015	Design, Estimating & Costing
EE 306	Electrical Drawing II	3017	Micro Controller & PLC Programming
EE 307	Electrical maintenance Workshop	313	Micro Controller & PLC Lab
EE 308	Electrical Machinery lab II	311	Electrical Machine Lab II
EE 309	Electronics lab	312	Electronics Lab
EE 310	Project Work & Viva Voce	314	Project Work & Seminar

Electronics Engineering

Revised Scheme		Revision 2003	
Code	Subject	Code-03	Subject
GE 101	English	1001	English
GE 102	Technical Mathematics	1002	Technical Mathematics
GE 103	Applied Science	1003	Applied Science
GE 104	Applied Science Lab	101	Applied Science Lab
EL 101	Electrical Engineering I	1005	Computer Fundamentals & Programming in C
EL 102	Basic Electronics	1009	Basic Electrical & Electronics
EL 103	Engineering Graphics	1004	Engineering Graphics
EL 104	Basic Electronics lab	105	Basic Electronics lab
EL 105	Workshop Practice	106	Workshop Practice
GE 201	Computer Programming	2028	Programming in C++ & VB
EL 201	Electrical Engineering - II	2024	Electrical Technology
EL 202	Digital Electronics	2023	Digital Electronics
EL 203	Electronic Circuits	2022	Electronic Circuits
EL 204	Communication Engineering I	2027*	Communication Engg.I (systems)
EL 205	Electronics Instrumentation & Measurements	2025	Electronic Instrumentation
EL 206	Network & Transmission Lines	2026	Linear ICs & Medical Electronics
EL 207	Electronics Drafting	214	Electronics Drafting Workshop
EL 208	Measurements Lab	216	Computer Lab
EL 209	Electronics Lab	215	Electronics Circuits Lab
EL 210	Digital Electronics Lab	213	Digital Electronics Lab
EL 301	Industrial Electronics & Instrumentation	3019	Industrial Electronics & PLC
EL 302	Television Engineering	3021	Computer Hardware & Networking
EL 303	Microprocessors & Microcomputers	3018	Microcontroller & advanced Microprocessors
EL 304	Communication Engineering	3022	Modern Communication Systems
EL 305	Audio & Video Systems	3020	Audio & Video Systems
EL306	Industrial Management	3008	Industrial Management & Entrepreneurship
EL 307	Electronics Lab II	316	Industrial Electronics & PLC Programming Lab
EL 308	Microprocessor Lab	315	Microcontroller and Advanced Microprocessor lab
EL 309	Electronics Workshop	317	Computer Hardware & Networking Lab
EL 310	Project & Seminar	318	Project Work & Seminar

* to be confirmed

Electronics & Communication Engineering

Revised Scheme		Revision 2003	
Code	Subject	Code-03	Subject
GE 101	English	1001	English
GE 102	Technical Mathematics	1002	Technical Mathematics
GE 103	Applied Science	1003	Applied Science
GE 104	Applied Science Lab	101	Applied Science Lab
EC 101	Electrical Engineering I	2006	Linear ICs & Medical Electronics
EC 102	Basic Electronics	1009	Basic Electrical & Electronics
EC 103	Engineering Graphics	1004	Engineering Graphics
EC 104	Basic Electronics lab	105	Basic Electronics lab
EC 105	Workshop Practice	106	Workshop Practice
GE 201	Computer Programming	1005	Computer Fundamentals & Programming in C
EC 201	Electrical Engineering - II	2024	Electrical Technology
EC 202	Digital Electronics	2023	Digital Electronics
EC 203	Electronic Circuits	2022	Electronic Circuits
EC 204	Communication Engineering - I	2047	Analog Communication Engineering
EC 205	Electronics Instrumentation & Measurements	2025	Electronic Instrumentation
EC 206	Network & Transmission Lines	2046	Network & Transmission Lines
EC 207	Electronics Drafting	214	Electronics Drafting Workshop
EC 208	Electrical Lab	253	Communication Lab
EC209	Electronic Circuit Lab	215	Electronics Circuits Lab
EC210	Digital Electronics Lab	213	Digital Electronics Lab
EC 301	Microprocessors	3018	Microcontrollers & Advanced Microprocessor
EC 302	Communication Engineering II	3035	Microwave and Fibre Optic Communication
EC 303	Industrial Management	3008	Industrial Management & Entrepreneurship
EC 304	Audio & Video Systems	3020	Audio & Video Systems
EC 305	Advanced Communication System	3123	Advanced Communication System
EC 306	Television Engineering	3021	Computer Hardware & Networking
EC 307	Microprocessor Lab	315	Microcontroller Lab
EC 308	Communication Lab	330	Communication Lab II
EC 309	Radio & TV Workshop	317	Computer Hardware & Networking Lab
EC 310	Project & Seminar	331	Project Work & Seminar

Electronics & Instrumentation Engineering

Revised Scheme		Revision 2003	
Code	Subject	Code-03	Subject
GE 101	English	1001	English
GE 102	Technical Mathematics	1002	Technical Mathematics
GE 103	Applied Science	1003	Applied Science
GE 104	Applied Science Lab	101	Applied Science Lab
EL 101	Electrical Engineering - I	2048	Transducers & Signal Conditioning
EL 102	Basic Electronics	1009	Basic Electrical & Electronics
EL 103	Engineering Graphics	1004	Engineering Graphics
EL 104	Basic Electronics lab	105	Basic Electronics lab
EL 105	Workshop Practice	106	Workshop Practice
GE 201	Computer Programming	1005	Computer Fundamentals & Programming in C
EI 201	Electrical Engineering - II	2024	Electrical Technology
EI 202	Digital Electronics	2023	Digital Electronics
EI 203	Electronic Circuits	2022	Electronic Circuits
EI 204	Biomedical instruments	3038	Biomedical Instruments
EI 205	Electronics Instruments & Measurements	2025	Electronic Instrumentation
EI 206	Industrial instruments	2049	Industrial instruments - I
EI 207	Electronics Drafting	214	Electronics Drafting & Workshop Practice
EI 208	Electrical Instruments Lab	232	Instrumentation & Control Lab - I
EI 209	Electronic Circuit Lab	215	Electronics Circuits Lab
EI 210	Digital Electronics Lab	213	Digital Electronics Lab
EI 301	Microprocessors	3018	Microcontrollers & Advanced Microprocessor
EI 302	TV Engineering	3037	Process Control
EI 303	Control Engineering	2050	Control Engineering
EI 304	Industrial Electronics & Instrumentation	3019	Industrial Electronics & PLC
EI 305	Industrial instruments II	3036	Industrial Instruments II
EI 306	Industrial management	3008	Industrial Management & Entrepreneurship
EI 307	Microprocessor Lab	315	Microprocessor & Microcontroller lab
EI 308	Electronic Instruments Lab	316	Industrial Electronics & PLC Lab
EI 309	Industrial instrumentation & Control Lab	332	Instrumentation & Control lab - II
EI 310	Project Work & Seminar	333	Project Work & Seminar

Computer Engineering

Revised Scheme		Revision 2003	
Code	Subject	Code(03)	Subject
GE 101	English	1001	English
GE 102	Technical Mathematics.	1002	Technical Mathematics
GE 103	Applied Science	1003	Applied Science
ComE 101	Electronics Devices & Circuits	1011	Electrical & Electronics Circuits
ComE 102	Basic Electrical Engineering	1010	Computer Fundamentals & C Programming
ComE 103	Engineering Graphics	1004	Engineering Graphics
ComE 104	Applied Science Lab	101	Applied Science Lab
ComE 105	Electronics Lab	108	Electronics Lab
ComE 106	Computer Workshop	107	Software Lab I
ComE 201	Digital Electronics	2031	Logic System Design
ComE 202	Computer Mathematics	2030	Data Base Management System
ComE203	Computer Architecture & Interfacing	2033	Computer Architecture
ComE 204	Computer Programming (Fortran & Pascal)	2035	UNIX & Object Oriented Programming
ComE 205	Numerical Techniques	2029	Data Structures
ComE 206	System Software	2034	System Software
ComE 207	Microprocessor1	2032	Microprocessors & interfacing
ComE 208	Digital Electronics Lab	220	Hardware Lab I (Digital & Microprocessor Lab)
ComE209	Microprocessor Lab	221	Software Lab II (Data Structures)
ComE210	Programming Practice I (FORTRAN)	222	Software Lab III
ComE 211	Programming Practice II (PASCAL)	223	Software Lab IV (Unix & OOPS)
ComE 306	Industrial Management	3008	Industrial Management & Entrepreneurship
ComE 301	Computer Communication & Network	3023	Computer Communication & Network
ComE 302	Introduction to Computer Graphics & CAD/CAM	3025	Web Technology
ComE 303	Systems Programming Languages (ALP & C)	3026	Artificial Intelligence
ComE 304	Microprocessor II	3027	Visual Programming
ComE 305	System Analysis & Design	3024	Software Engineering
ComE 306	Industrial management	3008	Industrial Management & Entrepreneurship
ComE 307	Computer Hardware Maintenance & Workshop	320	Hardware Lab II
ComE 308	Programming Practice III(C & ALP)	319	Software Lab V
ComE 309	Programming Practice IV (Cobol)	321	Software Lab VI
ComE 310	Seminar	322	Project Work & seminar
ComE 311	Project Work		

Computer Hardware Maintenance

Revised Scheme		Revision 2003	
Code	Subject	Code(03)	Subject
GE 101	English	1001	English
GE 102	Technical Mathematics.	1002	Technical Mathematics
GE 103	Applied Science	1003	Applied Science
GE 104	Engineering Graphics	1004	Engineering Graphics
GE 105	Applied Science Lab	101	Applied Science Lab
DCHM101	Electrical Engineering	1011	Electrical & Electronics Circuit
DCHM102	Basic Electronics	1010	Computer Fundamentals & C Programming
DCHM103	Basic Electronics Lab	108	Electronics Lab
DCHM104	Workshop Practice	107	Software Lab 1
DCHM201	Electronics Circuits & Linear ICs	2037	Electronic Systems & Devices
DCHM202	Digital Electronics	2031	Logic System Design
DCHM203	Microprocessor Architecture & Interfacing	2032	Microprocessor & Interfacing
DCHM204	Transducers & Display Systems	2036	Transducers & Display System
DCHM205	Electronic Instruments & Measurements	2034	System Software
DCHM206	Computer Fundamentals & Programming	2035	UNIX & OOPS
DCHM207	Electronic Circuit & Linear IC Lab	224	Electronics Lab
DCHM208	Digital & Microprocessor Electronics Lab	225	Digital Electronics Lab
DCHM209	Computer Lab I	223	Software Lab
DCHM210	Electronics Workshop	226	Microprocessor Lab
GE 301	Industrial Management & Entrepreneurship	3008	Industrial Management & Entrepreneurship
DCHM301	Advanced Microprocessors	3028	Advanced Microprocessors & Microcontroller
DCHM302	Programming in C	3027	Visual Programming
DCHM303	Operating System	3030	TCP/IP (Elective I)
DCHM304	Computer Peripherals & Maintenance	3029	Computer Peripherals & Trouble Shooting
DCHM305	Computer Communication & Networks	3023	Computer Communication & Network
DCHM306	Computer Laboratory	321	Software Lab(Visual Programming)
DCHM307	Computer Hardware Maintenance Workshop	323	Network & Computer Peripherals Lab
DCHM308	Project Work	325	Project Work & Seminar
DCHM309	Seminar		

Architecture

Revised Scheme		Revision 2003	
Code	Subject	Code03	Subject
GE 101	English	1001	English
GE 102	Technical Mathematics	1002	Technical Mathematics
GE 103	Applied Science	1003	Applied Science
AA 101	History of Architecture	1015	History of Architecture
CE 102	Materials of Construction and Construction practice	2071	Materials of Construction
CE 103	Civil Engineering Drawing-1	1004	Engineering Graphics
AA102	Art Drawing-1	115	Art Drawing
AA103	Architectural Drawing-1	1017	Architectural Drawing-1
AA 104	Model Making Workshop	262	Model Making Workshop
GE 201	Computer Programming	1005	Computer Fundamentals & Programming in C
CE 201	Strength of Materials & Theory of Structures	2069	Strength of Materials & Theory of Structures.
AA 201	Surveying	2070	Surveying
AA 202	Quantity Surveying & Specification	3062	Quantity Surveying
AA 203	Principles of Architecture	2073	Theory of Architecture
AA 204	Descriptive Geometry	2075	Perspective & Rendering
AA 205	Architectural Drawing-II	2076	Architectural Drawing-II
AA 206	Art Drawing-II	260	CAD Lab-I
AA 207	Survey Practical	261	Survey Practical
AA 208	Strength of Materials & Concrete Lab	354	Services & Construction Lab
AA 301	Structural Engineering	3061	Structural Engineering
AA 302	Climatology & Environmental Engineering	1016	Climatology
AA 303	Building Services & Interior Decoration	3063	Interior Design
AA 304	Principles of Town Planning, Housing & Building bye Laws	3064	Principles of Town Planning
AA 305	Modern Architecture	3065	Architectural Entrepreneurship & Professional Practice
AA 306	Architectural Drawing-III	3067	Architectural Drawing-III
AA 307	Working Drawing	3068	Working Drawing
AA 308	Architectural Rendering	3066	Landscape Architecture
AA 309	Project Work	355	Project & Seminar

Chemical Engineering

Revised Scheme		Revision 2003	
Code	Subject	Code(03)	Subject
GE 101	English	1001	English
GE 102	Technical Mathematics	1002	Technical Mathematics
CHE101	Chemistry	1019	Inorganic Chemistry
CHE102	Physics	1003	Applied Science
CHE103	Chemical Process Principle	2083	Chemical Process Principle
CHE104	Mechanical Engineering	2081	General Engineering
GE103	Engineering Graphics	1004	Engineering Graphics
CHE105	Chemistry Lab	117	Inorganic Chemistry Lab
GE 201	Computer Programming	1005	Computer Fundamentals & C Programming
CHE201	Organic & Physical Chemistry	2082	Organic & Physical Chemistry
CHE202	Fluid Mechanics	2085	Fluid Mechanics
CHE203	Heat Transfer	2086	Heat Transfer & Evaporation
CHE204	Inorganic Process Industries	2084	Chemical Technology - I
CHE205	Fuels and Combustion	2087	Energy Engineering
CHE206	Machine Drawing	2088	Chemical Engineering Drawing - I
CHE207	Electrical Engineering	2081	General Engineering
CHE208	Metallurgy & Material Construction	1007	Material Science & process
CHE209	Chemistry Lab	231	Chemistry Lab
CHE210	Workshop Practice	118	Workshop Practice
CHE301	Mechanical Operations	3051	Mechanical Operations
CHE302	Mass Transfer Operations	3052	Mass Transfer Operations
CHE303	Instrumentation & Process Control	3053	Process Instrumentation & Control
CHE304	Organic Process Industries	3054	Chemical Technology - II
CHE305	Chemical Plant Maintenance & Pollution Control	3055	Maintenance, Safety, Fire & Environmental Engineering
CHE306	Industrial Management	3008	Industrial Management & Entrepreneurship
CHE307	Chemical Engineering Drawing	3120	Chemical Engineering Drawing - II
CHE308	Unit Operation Laboratory	346	Chemical Engineering Laboratory
CHE309	Technical Analysis Lab	347	Chemical Technology Lab
CHE310	Project Work & Seminar	(348)*	Project Work

*to be confirmed

Tool And Die Engineering

* to be confirmed

Revised Scheme		Revision 2003	
Code	Subject	Code(03)	Subject
GE 101	English	1001	English
GE 102	Technical Mathematics	1002	Technical Mathematics
GE 103	Applied Science	1003	Applied Science
TDE101	Production Engineering - I	1018	Production Engineering - I
TDE102	Strength of Materials	2008*	(Applied Mechanics & Strength of Materials)
TDE103	Engineering Graphics	1004	Engineering Graphics
GE 104	Applied Science Lab	101	Applied Science Lab
TDE104	Workshop Practice	116	Workshop Practice - I
GE201	Computer Programming	1005	Computer Fundamentals & Programming in C
TDE201	Material Technology & Heat Treatment	2067	Material Technology
TDE202	Production Engineering - II	2065	Production Engineering - II
TDE203	Metrology & Measurement Techniques	2066	Engineering Metrology
TDE204	Hydraulics & Pneumatics	(2011)	Hydraulics & Pneumatics (Hydraulic Machines)
ME205	Electrical & Electronic Engineering	2012	Electrical & Electronic Engineering
TDE205	Tool Engineering Drawing - I	2068	Tool Engineering Drawing - I
TDE206	Materials Testing Lab	242	Materials Testing Lab
TDE207	Metrology & Heat Treatment Lab	243	Metrology & Heat Treatment Lab
TDE208	Workshop Practice – II including tool room	244	Workshop Practice - II
		245	Tool Room Practice - I
TDE301	Industrial Management & m/c tool Maintenance	3008	Industrial Management & Entrepreneurship
TDE302	Moulds & Dies	3085	Moulds & Dies Technology
TDE303	Press Tools	3086	Press Tool Technology
TDE304	Industrial Engineering & Cost Analysis	3088	Industrial Engineering & Cost Analysis
TDE305	Design of Cutting Tool Guages	3087	Tool Design
TDE306	Tool Engineering Drawing -II	3121	Press Tool Drawing
TDE307	Moulds & Dies Drawing	3122	Moulds & Dies Drawing
TDE308	Tool Room Practice	373	Tool Room Practice - II
TDE309	Project Work & Seminar	374	Project & Seminar
TDE310	In plant Training	375	In plant Training

Automobile Engineering

Revised Scheme		Revision 2003	
Code	Subject	Code(03)	Subject
GE 101	English	1001	English
GE 102	Technical Mathematics	1002	Technical Mathematics
GE 103	Applied Science	1003	Applied Science
GE 104	Applied Science Practical	101	Applied Science Practical
AE 103	Engineering Graphics	1004	Engineering Graphics
AE 101	Automotive Science	2060	Applied Thermodynamics
AE 102	Electrical Technology	1012	Electrical & Electronics Engineering.
AE 104	Workshop Practice - I	111	Manufacturing Process Practical - I
GE 201	Computer Programming	1005	Computer Fundamentals & Programming in C
AE 201	Engineering Materials & Strength of Materials	2059	Materials Science
AE 202	Manufacturing Processes	2063	Production Process of Automobile Components
AE 203	Design of Machine Elements	3044	Auto Design
AE 204	Automobile Power Plant	2061	Automobile Power Plant
AE 205	Automobile Electrical Equipment	2062	Automobile Electrical & Electronic Equipments
AE 206	Auto Engineering Drawing	2064	Automobile Engineering Drawing
AE 207	Manufacturing Process Practical	217	Manufacturing Process Practical - II
AE 208	Automobile Workshop	219	Automobile Servicing Lab - I
AE 209	Automobile Engineering Lab - I	337	Automobile Engineering Laboratory
AE 210	Automobile Engineering Electrical Lab - I	218	Automobile Electrical Lab
AE 301	Automobile Chassis & Body Construction	3041	Automobile Chassis & Body
AE 302	Automobile Transmission	3042	Automobile Transmission
AE 303	Servicing and Maintenance Estimating & Costing	3043	Automobile Servicing and Maintenance
AE 304	Industrial Management & Industrial Engineering	3008	Industrial Management & Entrepreneurship
AE 305	Hydraulics & Pneumatics	(2011)	Hydraulics & Hydraulic Pneumatics(Machines)
AE 306	Automobile Engineering Drawing	336	Automobile Engineering Drawing & AutoCAD
AE 307	Automobile Workshop	338	Automobile Service Lab - II
AE 308	Automobile Engineering Lab - II	AE 306	Automobile Service Lab - I
AE 309	Hydraulic Laboratory	207	Hydraulic Lab
AE 310	Project & Entrepreneurship	339	Project & Seminar

Polymer Technology

Revised Scheme		Revision 2003	
Code	Subject	Code(03)	Subject
GE 101	English	1001	English
GE 102	Technical Mathematics	1002	Technical Mathematics
PM 101	Applied Physics	1003	Applied Science
PM 102	Applied Chemistry	1003	Applied Science
PM 103	Engineering Graphics	1004	Engineering Graphics
PM 104	Polymer Science	1013	Polymer Science
PM 105	Applied Chemistry Lab	113	Applied Chemistry Lab
PM 106	Polymer Science Lab	112	Polymer Science Lab
PM 107	Workshop Practice	114	Workshop Practice
GE201	Computer Programming	1005	Computer Fundamentals & Programming in C
PM 201	Mechanical Engineering	2089	Mechanical Engineering
PM 202	Electrical Engineering	2090	Electrical & Electronics Engineering
PM 203	Rubber Production	2091	Natural Rubber Production
PM 204	Technology of Elastomers	2093	Technology of Elastomers
PM 205	Plastic Technology	2094	Plastic Fibres & Composites
PM 206	Fibres & Composites	2094	Plastic Fibres & Composites
PM 207	Rubber Technology Lab	233	Polymer Processing & Control Lab
PM 208	Electrical Engineering Lab	235	Electrical Engineering Lab
PM 209	Fibres & Composites Lab	361	Polymer Products Lab
PM 301	Industrial Management	3008	Industrial Management & Entrepreneurship
PM 302	Process Control & Instrumentation	3074	Process Control & Instrumentation
PM 303	Rubber Products	3075	Tyre & Composite Products
PM 304	Latex Technology	3077	Latex Technology
PM 305	Quality Control & Testing	3078	Quality Assurance & Testing
PM 306	Polymer Processing Machinery	2095	Polymer Processing Methods & Machinery
PM 307	Rubber Products Lab	361	Polymer Products Lab
PM 308	Latex Technology Lab	361	Polymer Products Lab
PM 309	Testing Lab	362	Quality Assurance Lab
PM 310	Project Work & Seminar	364	Project Work & Seminar

Wood & Paper Technology

Revised Scheme		Revision 2003	
Code	Subject	Code ⁰³	Subject
GE 101	English	1001	English
GE 102	Technical Mathematics.	1002	Technical Mathematics
GE 103	Applied Science	1003	Applied Science
GE 104	Applied Science Lab	101	Applied Science Lab
WP 101	Engineering Graphics	1004	Engineering Graphics
WP 102	Raw Materials for Wood & Paper Industries	2107	Raw Materials for Wood & Paper Industries
WP 103	Botany & Anatomical Structure	1023	Botany & Anatomical Structure
WP 104	Botany & Wood Lab	121	Botany & Wood Lab
WP 105	Workshop Practice - I	122	Workshop Practice - I
GE 201	Computer Engineering	1005	Computer Fundamentals & Programming in C
WP 201	Engineering Mechanics	2103	Strength of Materials & Fluid Mechanics
WP 202	Mechanical & Electrical Engineering	2104	Mechanical & Electrical Engineering
WP 203	Wood Chemistry	2106	Wood Chemistry
WP 204	Chemical Engineering - I	2105	Chemical Engineering
WP 205	Pulp & Paper Technology - I	2109	Pulp Technology
WP 206	Wood Plasticisation & Bending	2108	Wood Products - I
WP 207	Pulp & Wood Chemistry Lab	246	Pulp & Wood Chemistry Lab
WP 208	Material Testing & Electrical Lab	247	Material Testing & Electrical Lab
WP 209	Workshop Practice - II	248	Workshop Practice - II
WP 301	Industrial Engineering & Management of Wood & Paper Industries	3008	Industrial Management & Entrepreneurship
WP 302	Wood Products - II	3089	Wood Products - II
WP 303	Adhesen, Adhesives & Furniture Technology	3090	Adhesives Technology
WP 304	Pulp & Paper Technology - II	3091	Paper Technology - I
WP 305	Chemical Engineering - II	3094	Process Control & Instrumentation
WP 306	Saw Doctoring & Wood Working Machines	3093	Interior Decoration & Furniture Technology
WP 307	Machine Drawing	3092	Paper Technology - II
WP 308	Inplant Practices & Project Work	378	Industrial Training, Project Work & Seminar
WP 309	Pulp, Paper & Environment Lab	376	Paper & Environment Lab
WP 310	Workshop Practice - III	377	Workshop Practice - III

Commercial Practice

Revised Scheme		Revision 2003	
Code	Subject	Code(03)	Subject
CP101	English - I	1024	English - I
CP102	Hindi	1025	Hindi
CP103	Commerce	1026	Business Studies
CP104	Economics	1027	Business Economics
CP105	Statistics	2131	Business Statistics
CP106	Book Keeping	1028	Accountancy - I
CP107	Commercial Arithmetic	2131	Business Statistics
CP108	Type Writing	123	Type Writing English Practical
CP109	Short Hand	1029	Short Hand English
CP201	English II Paper	2128	English - II
CP202	Accountancy	2129	Accountancy - II
CP203	Banking	2130	Banking
CP204	Computer Programming (COBOL)	124	Computer Application for Business - I
CP205	Secretarial Practice	2132	Office Automation & (Admin) Secretarial Practice
CP206	Business Organization & Management	273	Computer Application for Business - II
CP207	Short Hand	2135	Short Hand English
CP208	Type Writing English	2136	Type Writing (English) Part I,II,III
CP209	Mercantile Law & Industrial Law	2134	Business Laws
CP 301	English III Paper	3105	English III Paper
CP 302	Business Correspondence	2133	Business Communication
CP 303	Accountancy & Costing	3107	Cost Accounting
CP 304	Computer Applications	393	Computerised Financial Accounting
CP 305	Office Management & Automation	392	Accounting Practice(Project Based)
CP 306	Short Hand (English)	3108&09	Short Hand (English) Part-I&II
CP 307	Short Hand (Malayalam)	3110	Short Hand Malayalam
CP 308	Type Writing (English)	3111	Type Writing English Part-I,II,III (Part III Code:391)
CP 309	Type Writing (Malayalam)	3112	Type Writing Malayalam

Textile Technology

Revised Scheme		Revision 2003	
Code	Subject	Code(03)	Subject
GE 101	English	1001	English
GE 102	Technical Mathematics.	1002	Technical Mathematics
GE 105	Applied Science	1003	Applied Science
TT 101	Fabric Science	(2097)	Textile Fabrics (Fibres)
TT 102	Yarn production - I	2098	Yarn Manufacturing I
TT 103	Engineering Graphics	1004	Engineering Graphics
TT 105	Fabric Production - I	1014	Fabric Manufacturing - I
GE 104	Applied Science Lab	101	Applied Science Lab
TT 104	Workshop Practical	104	Workshop
GE 201	Computer Programming	1005	Computer Fundamentals & Programming in C
TT201	Descriptive Engineering	2096	Descriptive Engineering
TT202	T.C.P	2101	Technology of wet Processing
TT203	Technology of Man Made Fibres	(2097)	Textile Fabrics (Fibres)
TT204	Yarn production – II	2098	Yarn Manufacturing I
TT205	Fabric Production – II	2099	Fabric Manufacturing II
TT206	Fabric Structure	2100	Fabric Structure
TT207	T.C.P Practical	227	Wet Processing Practical
TT208	Yarn production – I Practical	228	Yarn Manufacturing I Practical
TT209	Fabric Production – II Practical	229	Fabric Manufacturing II Practical
TT301	Ph.Test of Tex.Mech.	3046	Textile Testing
TT302	Industrial Management	3008	Industrial Management & Entrepreneurship
TT303	Yarn production – III	3047	Yarn Manufacturing II
TT304	Fabric Production – III	(3048)*	Fabric Manufacturing III (&Fashion design)
TT305	Mt of Tex. Mech.	3049	Maintenance & Calculation
TT306	Process Control	3050	Production Planning& Costing
TT307	Phy.Test. Practical	340	Textile Testing Practical
TT308	Yarn production – III Practical	341	Yarn Manufacturing II Practical
TT309	Fabric Production – III Practical	342	Fabric Manufacturing III Practical
TT310	Project & Viva	343	Project & Viva

* to be confirmed

Instrument Technology

Revised Scheme		Revision 2003	
Code	Subject	Code(03)	Subject
GE 101	English	1001	English
GE 102	Technical Mathematics.	1002	Technical Mathematics
GE 103	Applied Science	1003	Applied Science
GE 104	Applied Science Lab	101	Applied Science Lab
IT 101	Basic Electrical Engineering	1005	Computer Fundamentals & Programming in C
IT 102	Basic Electronics	1009	Basic Electrical & Electronics
IT 103	Engineering Graphics	1004	Engineering Graphics
IT 104	Instrument Workshop - I	106	Workshop Practice
GE 201	Computer Programming	2048	Transducers and Signal Conditioning
IT 201	Control Engineering	2050	Control Engineering
IT 202	Digital Electronics	2023	Digital Electronics
IT 203	Electronic Circuits	2022	Electronic Circuits
IT 204	Industrial Instruments – I	2049	Industrial Instruments – I
IT 205	Electrical Instruments	2024	Electrical Technology
IT 206	Mechanical Instruments	2051	Mechanical & Electronic Instruments
IT 207	Electrical Instruments Lab	IT 210	Electronics Circuits Lab
IT 208	Electronics Laboratory	105	Basic Electronics Lab
IT 209	Industrial Instruments Lab	IT 211	Instrumentation & Control Lab -I
IT210	Instrument Workshop – II	IT209	Electronics Drafting & Workshop Practice
IT301	Electronics Instruments	3018	Microcontroller and Advanced Microprocessor
IT302	Industrial Instruments – II	3036	Industrial Instruments - II
IT303	Instruments Transducers	3038	Biomedical Instruments
IT304	Optical Instruments	3040	Analytical Instruments
IT305	Process Control	3037	Process Control
IT306	Industrial Management	3008	Industrial Management & Entrepreneurship
IT307	Digital Electronics & Microprocessor Lab	315	Micro Controller and Microprocessor Lab
IT308	Electronics Instruments Lab	334	Analytical and Mechanical Instruments Lab
IT309	Industrial Instruments & Control Lab	(332)*	Instrumentation & Control Lab II (Industrial Instruments Lab II)
IT310	Project & Seminar	335	Project Work & Seminar

* to be confirmed

Printing Technology

Revised Scheme		Revision 2003	
Code	Subject	Code(03)	Subject
DPT101	English	1001	English
DPT 102	Applied Science for Printers	1003	Applied Science
DPT 103	Basic Engineering	1020	Basic Engineering
DPT 104	Printing Process & Materials	1021	Printing Process & Materials
DPT 105	Book Binding	TED1035	Book Binding
DPT 106	Letter Assembly	1022	Letter Assembly
DPT 107	Printing Process & Materials	119	Printing Process & Materials
DPT 108	Book Binding (Practical)	PED 120	Book Binding
DPT 109	Letter Assembly (Practical)	120	Letter Assembly
GE 201	Computer Programming	1005	Computer Fundamentals & Programming in C
DPT 201	Letter Assembly & Print Design-I	2115	Design & Planning for Print Production
DPT 202	Book Binding & Finishing	2119	Book Binding & Finishing
DPT 203	Reproduction Photography - I	2116	Reproduction Photography
DPT 204	Surface Preparation	2117	Surface Preparation
DPT 205	Press Work - I	2118	Printing Machines
DPT 206	Letter Assembly & Print Design-I (Practical)	237	Design & Planning for Print Production(Practical)
DPT 207	Book Binding & Finishing (Practical)	241	Book Binding & Finishing (Practical)
DPT 208	Surface Preparation –I (Practical)	239	Surface Preparation (Practical)
DPT 209	Press Work – I (Practical)	240	Printing Machines (Practical)
DPT 301	Industrial Management & Entrepreneurship	3083	Printing Press Management
DPT 302	Accountancy, Costing & Estimating	3083	Printing Press Management
DPT 303	Letter Assembly& Print Design-II	3079	Digital Prepress
DPT 304	Reproduction Photography - II	3079	Digital Prepress
DPT 305	Press Work - II	3080	Advanced Printing Machines
DPT 306	Letter Assembly & Print Design (Practical)	365	Digital Prepress (Practical)
DPT 307	Reproduction Photography – II (Practical)	365	Digital Prepress (Practical)
DPT 308	Press Work – II (Practical)	366	Advanced Printing Machines (Practical)
DPT 309	Surface Preparation – II (Practical)	305	Digital Prepress (Practical)
DPT 310	Project Work & Viva	369	Project Work & Viva