



**GOVERNMENT OF KERALA**

**Abstract**

Higher Education – Technical — Revision of Curriculum- Syllabus for various subjects in revision 2010 scheme and additional papers to be passed by students under revision 2006 scheme and MPEC scheme in revision 2010 scheme- approved- Orders issued.

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**HIGHER EDUCATION (L) DEPARTMENT**

**G.O (Ms)No.615/2012/H.Edn**

**Dated, Thiruvananthapuram, 10/12/2012.**

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- Read:- 1. G.O.(Rt) 1213/2010/H.Edn. dated 23.06.2010  
2. Letter No. C2/14699/2012 dated 20.04.2012 and 09.11.2012 received from the Senior Joint Director (PS), Office of the Director of Technical Educations, Thiruvananthapuram.

**ORDER**

1. As per the G.O. read above curriculum of Polytechnic Diploma courses have been received from the academic year 2010-2011. Now the Director of Technical Education has forwarded the detailed syllabus for Diploma Programme of 29 branches for approval as per the letter read above. It has been reported that the syllabus is already in force from the academic year 2010-2011.

2. The Director of Technical Education has also requested to approve the **additional subjects** in 2010 scheme to be passed by students who discontinued their studies **under revision 2006 scheme and MPEC 2004 scheme.**

3. Government have examined the matter in detail and are pleased to order that the syllabus for the revision 2010 scheme shall be deemed to have come into force from the academic year 2010-2011 onwards and approve the list of additional subjects 2010 scheme to be passed by the students who discontinued their studies under revision 2006 and MPEC 2004 scheme as appended to this order.

(By order of the Governor)

**Varghese S.**

**Deputy Secretary to Government**

To

The Director of Technical Education, Thiruvananthapuram  
The Senior Joint Director (PS) of Technical Education, Thiruvananthapuram  
The Joint Controller of Technical Examinations, Kaimanom, Thiruvananthapuram  
Principals of all Polytechnics (through Director of Technical Education)  
The Joint Director, Curriculum Development Centre, Kalamassery  
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Sd/-  
Section Officer

**ADDITIONAL SUBJECTS - CHANGE OVER FROM REVISION 2006 REVISION 2010**

**LIST OF ADDITIONAL SUBJECTS**

Sl. No.	Name of Programme	Semester (Rev 2010)	Code No.	Name of Additional Subjects
1	Applied Electronics	S1	1004	General Engineering
		S1	2001	Technology in Society
2	Architecture	S1	1004	General Engineering
		S1	2001	Technology in Society
		S2	3002	Surveying - I
		S3	3024	Principles of Design
		S3	3023	Construction Material & Engineering
		S4	3029	Climatology
		S4	4003	Town Planning
3	Automobile	S1	1004	General Engineering
		S1	2001	Technology in Society
		S3	3051	Production Process & Automobile Components
		S4	3035	Applied Thermodynamics
4	Bio-Medical	S1	1004	General Engineering
		S1	2001	Technology in Society
5	Civil Engineering	S1	1004	General Engineering
		S1	2001	Technology in Society
6	Chemical Engineering	S1	1004	General Engineering
		S1	2001	Technology in Society
		S3	3081	Chemical Process Principles
		S4	4090	Instrumentation & Process Control
7	Computer Hardware Maintenance	S1	1004	General Engineering
		S1	2001	Technology in Society
8	Computer Engineering	S1	1004	General Engineering
		S1	2001	Technology in Society
9	Electronics & Communication	S1	1004	General Engineering
		S1	2001	Technology in Society
10	Electrical & Electronics	S1	1004	General Engineering
		S1	2001	Technology in Society
11	Electronics & Instrumentation	S1	1004	General Engineering
		S1	2001	Technology in Society
		S3	3076	Instrument Transducers
		S3	3077	Electrical & Electronic Instruments
		S4	4080	Industrial Electronics & Control Drives
		S4	4081	Control Engineering

Sl. No.	Name of Programme	Semester (Rev 2010)	Code No.	Name of Additional Subjects
12	Electronics	S1	1004	General Engineering
		S1	2001	Technology in Society
13	Electronics Production Technology	S1	1004	General Engineering
		S1	2001	Technology in Society
14	Information Technology	S1	1004	General Engineering
		S1	2001	Technology in Society
15	Instrument Technology	S1	1004	General Engineering
		S1	2001	Technology in Society
		S3	3076	Instrument Transducers
		S3	3077	Electrical & Electronic Instruments
		S4	3078	Industrial Instruments - I
		S4	4080	Industrial Electronics & Control Drives
16	Medical Electronics	S1	1004	General Engineering
		S1	2001	Technology in Society
17	Mechanical Engineering	S1	1004	General Engineering
		S1	2001	Technology in Society
		S2	3003	Manufacturing Process
		S3	3039	Metallurgy and Machine Tool
		S4	4017	Applied Mechanics & Strength of Materials
18	Polymer Technology	S1	1004	General Engineering
		S1	2001	Technology in Society
19	Printing Technology	S1	1004	General Engineering
		S1	2001	Technology in Society
		S3	3097	Printing Machines
		S4	4101	Colour management
		S4	3098	Pre-Press Basics II
		S4	3099	Paper & Ink
20	Quantity Surveying & Construction Management	S1	1004	General Engineering
		S1	2001	Technology in Society
21	Telecommunication	S1	1004	General Engineering
		S1	2001	Technology in Society
22	Tool & Die Engineering	S1	1004	General Engineering
		S1	2001	Technology in Society
		S4	4017	Applied Mechanics & Strength of materials

Sl. No.	Name of Programme	Semester (Rev 2010)	Code No.	Name of Additional Subjects
23	Textile Technology	S1	1004	General Engineering
		S1	2001	Technology in Society
		S3	3102	Fabric manufacture - I
		S3	3104	Textile Wet Processing - I
		S4	3108	Textile Wet Processing - II
		S4	3107	Fabric manufacture - II
24	Wood & Paper Technology	S1	1004	General Engineering
		S1	2001	Technology in Society
25	Computer Application & Business Management	S1	1012	Managerial Economics
		S1	2002	Foundations in Science & Technology
		S2	3016	Business Organisation & Management
		S2	3017	Cost Accounting
		S2	3018	Business Environment
		S2	3019	Quantitative Techniques
		S2	3020	Legal Environment of Business
26	Commercial Practices	S2	3013	Company Administration
		S4	4127	Communicative English - I
		S4	4129	Functional Management

#### Rules for Readmission from 2006 Scheme to 2010 Scheme

- 1 A student re-admitted in 2010 scheme should follow the rules and regulations of 2010 scheme (Order No. G.O.(Rt.) No. 1213/2010/H.Edn. Dated 23.06.2010)
- 2 Once joined in a particular semester in revision 2010, the student has to undergo regular study for all courses from that semester onwards. All subjects upto that semester are to be completed (including examination) in 2006 scheme.
- 3 A student who has not completed the courses in a particular branch can rejoin in the same branch in 2010 scheme only to semester 1, semester 3, semester 4 or semester 5 depending upon his/her eligibility.
- 4 Students who seek readmission to semester 3 should write additional papers of S1 & S2 if any
- 5 Students who seek readmission to semester 4 should write additional papers of S1, S2 & S3 if any
- 6 Students who seek readmission to semester 5 should write additional papers of S1, S2, S3 & S4 if any
- 7 Project & Seminar course is starting in Semester 5 has examination at the end of Semester 6. So Admission is not permitted to Semester 6 and students has to undergo both Semester 5 & 6.

#### CALCULATION OF GRADE

\* The marks obtained in written examination (Revision 2006) will be converted to maximum marks of 100 for theory. Only the end semester examination (Revision 2010) will be considered for calculating the grade in the case of additional subjects to be studied. No internal mark(CA) will be considered for the calculation of grade.

\* Only the end semester examination (Revision 2010) will be considered for calculating the grade in the case of additional subjects to be studied. No internal mark(CA) will be considered for the calculation of grade.

\* A student who has not successfully completed the courses in a particular branch can rejoin in the same branch in 2010 scheme to semester 1, semester 3, semester 4, or semester 5 depending upon his/her eligibility