



**GOVERNMENT OF KERALA**

**Abstract**

Higher Education - Technical - Curriculum and Syllabus of the Diploma Programme in the Polytechnic Colleges in the State of Kerala - Revised - Orders issued

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**HIGHER EDUCATION (L) DEPARTMENT**

**G.O. (Ms.) No: 212/2015/H.Edn**

**Dated, Thiruvananthapuram, 27.05.2015**

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*Read:-*1. G.O.(Rt) No.1674/2014/H.Edn dated 21/7/2014

2 . Letter No.C2/3209/2014/DTE dated 15/5/2015 received from the Director of Technical Education, Thiruvananthapuram

**ORDER**

As per the Government Order read above Government constituted a Committee for Revision of Curriculum & Syllabus of Engineering Diploma Education in the State. The Director of Technical Education vide letter read as 2nd paper above, has submitted the proposal of the Committee for revision of Curriculum and Syllabus of Engineering Diploma Education vetted by the State Board of Technical Education. At present 29 various Diploma Programmes are conducted in the Polytechnic Colleges under the Department of Technical Education. The major changes proposed are to amalgamate/ rename certain existing programmes/ branches of Diploma Courses which have similar course content and reduce the courses to twenty programmes.

Government have examined the matter in detail. It is seen that the changes proposed by the Committee is very essential in the present day Diploma Education. In the circumstances Government are pleased to accept the recommendations of the Committee for the revision of Curriculum & Syllabus of Engineering Diploma Education under the Department of Technical Education and revised the Curriculum & Syllabus of Engineering Diploma from the academic year 2015-16.

Following Branches/Courses in various Government/Aided/IHRD and Self Financing Polytechnic Colleges are amalgamated/renamed.

- Electronics Production Technology is amalgamated to Electronics &

Communication Engineering.

- Electronics & Avionics is amalgamated to Electronics Engineering.
- Computer Hardware Maintenance is renamed as Computer Hardware Engineering.
- Electronics & Instrumentation and Instrument Technology are amalgamated and renamed as Instrumentation Engineering.
- Civil Engineering (Water Resource Management), Civil Engineering (Environmental Engineering), Quantity Surveying and Construction Management programmes are amalgamated with Civil Engineering.
- Applied Electronics programme is amalgamated with Electronics Engineering.
- Telecommunication Technology programme is amalgamated with Electronics & Communication Engineering.
- Medical Electronics programme is amalgamated with Biomedical Engineering.

Changes under Government/Aided/Self Financing Polytechnic Colleges

<b>Sl. No.</b>	<b>Name of the Institution</b>	<b>Existing Programme/Course</b>	<b>Revised Programme/Course</b>
1	Govt.Polytechnic College, Kalamassery	Electronics Production Technology	Electronics and Communication Engineering
2	Govt.Polytechnic College Cherthala	Electronics Production Technology	Electronics and Communication Engineering
		Electronics and Instrumentation	Instrumentation Engineering
		Computer Hardware Maintenance	Computer Hardware Engineering
3	Govt.Polytechnic	Electronics and Avionics	Electronics Engineering

	College, Neyyattinkara	Electronics and Instrumentation	Instrumentation Engineering
4	Govt.Polytechnic College, Nedumangad	Computer Hardware Maintenance	Computer Hardware Engineering
5	Govt.Polytechnic College, Ezhukone	Computer Hardware Maintenance	Computer Hardware Engineering
6	Govt.Polytechnic College, Attingal	Computer Hardware Maintenance	Computer Hardware Engineering
7	Govt.Polytechnic College, Kaduthuruthy	Computer Hardware Maintenance	Computer Hardware Engineering
8	Govt.Polytechnic College, Pala	Instrument Technology	Instrumentation Engineering
9	Govt.Polytechnic College, Nedumkandom	Computer Hardware Maintenance	Computer Hardware Engineering
10	Govt.Polytechnic College, Koratty	Electronics &Instrumentation	Instrumentation Engineering
11	Govt.Polytechnic College, Chelakkara	Computer Hardware Maintenance	Computer Hardware Engineering
12	Govt.Polytechnic College, Palakkad	Instrument Technology	Instrumentation Engineering
		Computer Hardware Maintenance	Computer Hardware Engineering

13	Women's Polytechnic College, Kottakkal	Electronics & Instrumentation	Instrumentation Engineering
14	Govt.Polytechnic College, Mattannur	Electronics & Instrumentation	Instrumentation Engineering
15	Residential Womens Polytechnic College, Payyannur	Electronics & Instrumentation	Instrumentation Engineering
16	Govt.Polytechnic College, Meppadi	Computer Hardware Maintenance	Computer Hardware Engineering
17	KMCT Polytechnic College, Manassery, Kozhikkode	Electronics & Instrumentation	Instrumentation Engineering
		Computer Hardware Maintenance	Computer Hardware Engineering
18	JDT Islam Polytechnic College, Kozhikkode	Quantity Surveying and Construction Management	Civil Engineering
		Computer Hardware Maintenance	Computer Hardware Engineering
19	Al Azhar Polytechnic College, Thodupuzha	Civil(Environmental) Engg	Civil Engineering
20	Women's Polytechnic College, Thiruvananthapuram	Instrument Technology	Instrumentation Engineering

Changes in Polytechnic Colleges under IHRD

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<b>Sl. No.</b>	<b>Name of the Institution</b>	<b>Existing Programme/Course</b>	<b>Revised Programme/Course</b>
1	Model Polytechnic College, Vadakara	Applied Electronics	Electronics Engineering
		Computer Hardware Maintenance	Computer Hardware Engineering
		Medical Electronics	Bio Medical Engineering
2	Model Polytechnic College, Mala	Applied Electronics	Electronics Engineering
		Computer Hardware Maintenance	Computer Hardware Engineering
		Medical Electronics	Bio Medical Engineering.
3	Model Polytechnic College, Mattakkara	Applied Electronics	Electronics Engineering
		Computer Hardware Maintenance	Computer Hardware Engineering
		Telecommunication Technology	Electronics & Communication Engg
4	E K Nayanar Memorial Model polytechnic College, Kalliassery	Telecommunication Technology	Electronics & Communication Engineering
		Computer Hardware Maintenance	Computer Hardware Engineering
		Medical Electronics	Biomedical Engineering.
		Telecommunication	Electronics &

5	Model Polytechnic College, Painavu	Telecommunication Technology	Communication Engineering
		Computer Hardware Maintenance	Computer Hardware Engineering
		Medical Electronics	Biomedical Engineering
6	Model Polytechnic College, Karunagappally	Applied Electronics	Electronics Engineering
		Computer Hardware Maintenance	Computer Hardware Engineering
		Telecommunication Technology	Electronics & Communication Engineering
7	Model Polytechnic College, Kuzhalmannam	Civil Engg (Environmental Engineering)	Civil Engineering,
		Civil Engg (Water resource management)	Civil Engineering
8	Model Polytechnic College, Poonjar	Applied Electronics	Electronics Engineering
		Computer Hardware Maintenance	Computer Hardware Engineering

The detailed Curriculum and Syllabus of the Diploma Programme/Courses restructured is appended to this Government Order.

(By order of the Governor )

T. J Varkey

Deputy Secretary to Government

To

The Director of Technical Education, Thiruvananthapuram

The Senior Joint Director (PS) of Technical Education, Thiruvananthapuram

The Director, IHRD, Prajoe Towers, Thiruvananthapuram

The Joint Director, State Institute of Technical Teachers Training and Research,  
Kalamassery

The Joint Controller of Technical Examination, Kaimanam, Thiruvananthapuram

Principals of All Polytechnics (through DTE)

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Forwarded / By Order

Section Officer