

### Bifocal Vocational Courses

Standard: - XII Sc. Subject: -ELECTRONICS PRACTICAL ( PAPER -1)

Reduction of 25% Practical Syllabus for Academic year – 2020-2021

Sr. No	Sr.No.in Syllabus	Practical to be Omit	Reasons / Remark
1	5	Study of photo relay using LDR	Self-Study Possible and consider for internal evaluation
2	6	Study of Opto – Coupler & use in determination Of RPM	Self-Study Possible and consider for internal evaluation
3	13	OP.Amp as Schmitt Trigger	Self-Study Possible and consider for internal evaluation
4	14	Study of A.M. Circuit	Self-Study Possible and consider for internal evaluation
5	15	Study of FSK	Self-Study Possible and consider for internal evaluation

#### Model Project Omitted for Academic year – 2020-2021

Sr. No	Sr.No.in Syllabus	Model Project to be Omit	Reasons / Remark
1	1	Some Practicable Project & Project Reports	Self-Study Possible and consider for internal evaluation

### Bifocal Vocational Courses

Standard: - XII Sc. Subject:-ELECTRONICS PRACTICAL (PAPER -2)

Reduction of 25% Practical Syllabus for Academic year – 2020-2021

Sr. No	Sr.No.in Syllabus	Practical to be Omit	Reasons / Remark
1	4	Determination of Noise Margin in TTL Gates	Self-Study Possible and consider for internal evaluation
2	9	Study of Decoder IC7447/7448	Self-Study Possible and consider for internal evaluation
3	13	Study of 4-bit Binary Adder using IC-7483	Self-Study Possible and consider for internal evaluation
4	14	Square Wave Generator Using Schmitt Trigger Inverter	Self-Study Possible and consider for internal evaluation
5	17	Familiarization with Computer	Self-Study Possible and consider for internal evaluation

#### Model Project Omitted for Academic year – 2020-2021

Sr. No	Sr.No.in Syllabus	Model Project to be Omit	Reasons / Remark
1	1	Some Practicable Project & Project Reports	Self-Study Possible and consider for internal evaluation

Note: Teachers can use supplementary material like e-Resources, online simulators, Worksheets, Model Projects, assignments, home-work etc. to deal with the self-study position.

Sign of Committee Member 2

Shri. S.S.Shaikh

FTT (P)

HPT/RVK Science College Nashik

**Bifocal Vocational Courses**  
**Standard: -XI Sc. Subject: -ELECTRONICS PRACTICAL (PAPER -1)**

**Reduction of 25% Practical Syllabus for Academic year – 2020-2021**

Sr. No	Sr.No. in Syllabus	Practical to be Omit	Reasons / Remark
1	3	Study of Sinusoidal & non-Sinusoidal Waveform on CRO	Self-Study Possible and consider for internal evaluation
2	11	Study of various types of Switches	Self-Study Possible and consider for internal evaluation
3	14	Multivibrator circuit using IC 555 on PCB	Self-Study Possible and consider for internal evaluation
4	15	Construct a CE amplifier on Breadboard	Self-Study Possible and consider for internal evaluation

**Bifocal Vocational Courses**  
**Standard: -XI Sc. Subject: -ELECTRONICS PRACTICAL (PAPER -2)**

**Reduction of 25% Practical Syllabus for Academic year – 2020-2021**

Sr. No	Sr.No. in Syllabus	Practical to be Omit	Reasons / Remark
1	4	Study of Input & Output characteristics of CE configuration	Self-Study Possible and consider for internal evaluation
2	6	Study of UJT characteristics	Self-Study Possible and consider for internal evaluation
3	10	Study of Frequency response of given Audio Frequency Amplifier	Self-Study Possible and consider for internal evaluation
4	14	Study of given Sinusoidal Oscillator & measure its oscillating frequency	Self-Study Possible and consider for internal evaluation
5	17	Study of role of equalizer circuit in an Amplifier	Self-Study Possible and consider for internal evaluation

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