

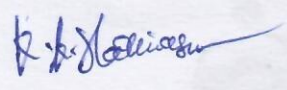
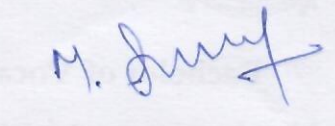


SRI RAMAKRISHNA MISSION VIDYALAYA
COLLEGE OF ARTS AND SCIENCE, DDU-KAUSHAL Kendra
COIMBATORE - 641 020

Bachelor of Vocation (Technology in Electrical & Electronic Devices)

Members present for the Board of Studies Meeting held on 04.12.2020 at 10.00 am.

S.No.	Name of the members	Designation	Signature
01	Dr.R.Thangavel (Chairperson)	Principal, Sri Ramakrishna Mission Vidyalaya College of Arts & Science, Coimbatore - 641020	
02	Dr. V.Krishnaveni (Subject Expert)	Associate Professor, Dept. of Electronics and Communication Engineering, PSG College of Technology, Coimbatore - 641004	
03	Sri. M. Shanmugan (Industry Representative)	Manager, Product Design Engineering, Roots Industries India Limited, R.K.G. Industrial Estate Ganapathy, Coimbatore - 641006	
04	Sri. G. Murali (Member)	Principal, Ramakrishna Mission Vidyalaya Industrial Training Institute, Coimbatore - 641 020	
05	Dr. R. Sridhar (Member)	Director, Sri Ramakrishna Mission Vidyalaya College of Arts and Science (SF Wing), Coimbatore - 641 020	
06	Dr. K. Sathyanathan (Member)	Associate Professor and Head, Dept. of Mathematics, Sri Ramakrishna Mission Vidyalaya College of Arts & Science, Coimbatore - 641020	
07	Dr. R. Chandrasekar (Member)	Associate Professor and Head, Dept. of English, Sri Ramakrishna Mission Vidyalaya College of Arts & Science, Coimbatore - 641020	
08	Dr. N. Shunmugom (Member)	Associate Professor and Head, Department of Tamil Sri Ramakrishna Mission Vidyalaya College of Arts and Science Coimbatore - 641 020.	For
09	Sri J.JaganRupchand (Member)	Lecturer, Department of Electrical and Electronic Engineering, Ramakrishna Mission Vidyalaya Polytechnic College, Coimbatore-20	
10	Sri. K. Anand (Member)	Instructor, Ramakrishna Mission Vidyalaya Industrial Training Institute, Coimbatore - 641020	

11	Sri. K.K. Hariharasudhan (Member)	Assistant Professor of Electrical and Electronic Technology, SRMVCAS , DDU-KAUSHAL Kendra, Coimbatore - 641020	
12	Dr. M. Sivabalan (Member)	Assistant Professor Dept. of Mathematics Sri Ramakrishna Mission Vidyalaya College of Arts & Science Coimbatore - 641020	



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Minutes of the Board of Studies Meeting

Online Platform: Google Meet

Date: 04.12.2020

Time: 10.00am

The meeting started with Prayer.

- Dr. R.Thangavel, Principal of our college welcomed and introduced the Board members.
- Dr. R. Sridhar, Director, Unaided Wing of the college briefed the guidelines and basic principles of curriculum design of DDU- KAUSHAL Kendra to the members of the Board of Studies.

Discussion on the modifications / suggestions in General Component of the syllabi:

- Dr. R. Sridhar, Director, Unaided Wing of the college explained the contents of the general components to the members as follows:
 - a. As per the guidelines of DDU-KAUSHAL Kendra, the general education components were framed in consultation with the Departments of Tamil, English, Mathematics and Computer Applications. A total of 24 credits per year are allotted to the general component subjects.
 - b. For other state students, they should have to study Basic Tamil-I and Basic Tamil - II as additional subjects in order to get Government job opportunity in Tamil Nadu.
 - c. In 4th semester Technical Drawing subject was changed as a core subject from Allied subject.
 - d. Indian Values course was shifted from V semester (Elective III) to VI semester (Elective III).
 - e. Indian Cultural Heritage course was introduced in IV semester as a Value Education.

- f. The following Elective subjects were introduced

S.No	Name of the Subject	Semester
1	Elective I - Personality Development and Human Behaviour	IV semester
2	Elective II - Business Organization	V semester
3	Elective IV - Human resource Management	VI semester

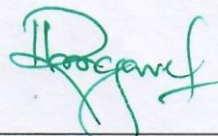
- g. New core subject titled Organizational Behaviour was introduced in semester V.
- h. There is no major change in the content of the general education subjects passed in the last Academic Board Meeting. (Refer Annexure)
- Dr. R. Gokul, Asst. Professor, Dept. of Tamil explained the features of Tamil I, and Tamil II.
 - Dr. R. Chandrasekar, Head, Dept. of English explained the features of Basic English, Professional English and Technical Communication.
 - Dr. K. Sathiyathan, Head, Dept. of Mathematics explained the features of Mathematics-I, II, III and he also suggested that the semester examination may be conducted for 75 marks (3 hours) and then convert to 50 marks instead of conducting examination for 50 marks (2 hours).
 - Dr. R. Sridhar, Director, Unaided Wing explained the features of Office Automation and Management subjects such as Principles of Management, Total Quality Management, Professional Ethics & Human Values and Entrepreneurship Development.
 - The Committee members were satisfied and approved the syllabi of the General Education components for the batch of 2020-2021.




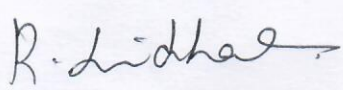
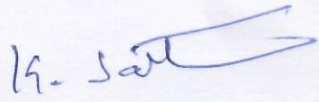

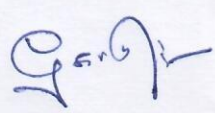
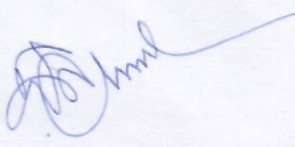
Discussion on the modifications / suggestions in Skill Component of the syllabi:


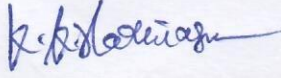

- Sri K.K.Hariharasudhan, Asst. Professor of Technology in Electrical and Electronic Devices, briefed the skill component syllabus of Technology in Electrical and Electronic Devices as follows:
 - a. The syllabus for the vocational component of Technology in Electrical and Electronic Devices has been framed following the guidelines given by the Electronics Sector Skill Council of India (ESSCI).

- b. The number of credits awarded for the vocational component is 36 per year as per the norms of DDU - KAUSHAL Kendra.
 - c. Students' skills during internship could be assessed and marks could be awarded according to their skill set based on the report received from the industries.
 - d. Based on the ESSCI guidelines, the syllabus for the job role of ELE/Q6305 Assembly Supervisor, ELE/Q6201 PPC (Production Planning and Control) Engineer, and ELE/Q4201 Product Engineer for the 1st, 2nd and 3rd year has been framed respectively.
 - e. There are no major changes in the content of the other subjects passed in the last Academic Board meeting. (Refer Annexure).
 - f. The scheme of the examination for the vocational subject is the same as that of the general component subjects.
- Dr. V. Krishnaveni, Associate Professor, Dept. of Electronics and Communication Engineering, PSGCT, appreciated that the content of syllabus was good and suggested that *Publication Year* may be mentioned in reference books of all subjects.
 - Sri. M. Shanmugan, Manager, Product Design Engineering, Roots Industries India Limited, suggested that some content regarding IPC standards for Soldering may be added in future.
 - The suggestions given by the experts were accepted and corrected in the syllabi.
 - Committee members were satisfied and approved the syllabi of the Skill component for the batch of 2020-2021.
 - The meeting ended with vote of thanks delivered by Dr. R. Sridhar.

Members of the Meeting:

S.No.	Name and Designation of The Members	Signature
01	Dr. R. Thangavel (Chairperson) Principal, SRMVCAS, Coimbatore - 641020	

02	Dr. V.Krishnaveni (Subject Expert) Associate Professor, Dept. of Electronics and Communication Engineering, PSG College of Technology, Coimbatore - 641004	
03	Sri. M. Shanmugan (Industry Representative) Manager, Product Design Engineering, Roots Industries India Limited, R.K.G. Industrial Estate Ganapathy, Coimbatore - 641006	
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07	Dr. R. Chandrasekar (Member) Associate Professor and Head, Dept. of English, SRMVCAS, Coimbatore - 641020	
08	Dr. N. Shunmugom (Member) Associate Professor and Head, Department of Tamil SRMVCAS Coimbatore - 641 020.	For 
09	Sri J.JaganRupchand (Member) Lecturer, Department of Electrical and Electronic Engineering, Ramakrishna Mission Vidyalaya Polytechnic College, Coimbatore-20	

10	Sri. K. Anand (Member) Instructor, Ramakrishna Mission Vidyalaya Industrial Training Institute, Coimbatore - 641020	
11	Sri. K.K. Hariharasudhan (Member) Assistant Professor of Electrical and Electronic Technology, SRMVCAS, DDU-KAUSHAL Kendra, Coimbatore - 641020	
12	Dr. M. Sivabalan (Member) Assistant Professor Dept. of Mathematics SRMVCAS Coimbatore - 641020	

**SRI RAMAKRISHNA MISSION VIDYALAYA COLLEGE OF ARTS AND SCIENCE,
DDU-KAUSHAL Kendra
COIMBATORE - 641 020**

B.Voc (Technology in Electrical and Electronic Devices)
(For the batch of students admitted during 2020-2021 and subsequently)

Annexure: Comparison Chart

SEMESTER I

Sl. No.	Name of the Subject		Remarks	Changes in Syllabus in %
	2019-2020	2020-2021		
<u>GENERAL EDUCATION COMPONENT</u>				
1	Tamil I	Tamil I	No change in the content	0%
2	Basic English	Basic English	No change in the content	0%
3	Allied I: Mathematics- I	Allied I: Mathematics- I	No change in the content	0%
<u>VOCATIONAL EDUCATIONAL COMPONENT</u>				
4	Core I: Basics of Electrical and Electronic Devices	Core I: Basics of Electrical and Electronic Devices	No change in the content	0%
5	Core II: Supervise assembly line activities	Core II: Supervise assembly line activities	No change in the content	0%
SEMESTER II				
Sl. No.	Name of the Subject		Remarks	Changes in Syllabus in %
	2019-2020	2020-2021		
<u>GENERAL EDUCATION COMPONENT</u>				
1	Tamil II	Tamil II	No change in the content	0%
2	Professional English	Professional English	No change in the content	0%
3	Allied II: Office Automation	Allied II: Office Automation	No change in the content	0%
<u>VOCATIONAL EDUCATIONAL COMPONENT</u>				
4	Core III: Linear Integrated Circuits	Core III: Linear Integrated Circuits	No change in the content	0%
5	Practical I: Electrical and Electronic Devices Lab	Practical I: Electrical and Electronic Devices Lab	No change in the content	0%
6	Internship Training-I	Internship Training-I	No change in the content	0%

SEMESTER III				
Sl. No.	Name of the Subject		Remarks	Changes in Syllabus in %
	2019-2020	2020-2021		
GENERAL EDUCATION COMPONENT				
1	Technical Communication	Technical Communication	No change in the content	0%
2	Allied III: Mathematics-II	Allied III: Mathematics-II	No change in the content	0%
3	Environmental studies	Environmental studies	No change in the content	0%
VOCATIONAL EDUCATIONAL COMPONENT				
4	Core IV: Digital Electronics	Core IV: Digital Electronics	No change in the content	0%
5	Core V: Production Planning and Control	Core V: Production Planning and Control	No change in the content	0%
SEMESTER IV				
Sl. No.	Name of the Subject		Remarks	Changes in Syllabus in %
	2019-2020	2020-2021		
GENERAL EDUCATION COMPONENT				
1	Allied IV: Technical Drawing	Core VI: Technical Drawing	1. No change in the content 2. Allied subject was changed as Core subject	0%
2	Elective I: Principles of Management	Elective I: Principles of Management	No change in the content	0%
		Elective I: Personality Development and Human Behaviour	New Subject	100%
3	Value Education	Value Education- Indian Cultural heritage	New Subject added instead of Value Education	100%
VOCATIONAL EDUCATIONAL COMPONENT				
4	Core VI: Programmable Logic Controller	Core VII: Programmable Logic Controller	No change in the content	0%
5	Practical II: Digital Electronics And Programmable Logic Controller Lab	Practical II: Digital Electronics And Programmable Logic Controller Lab	No change in the content	0%
6	Internship Training-II	Internship Training-II	No change in the content	0%

SEMESTER V				
Sl. No.	Name of the Subject		Remarks	Changes in Syllabus in %
	2019-2020	2020-2021		
GENERAL EDUCATION COMPONENT				
1	Elective II: Total Quality Management	Elective II: Total Quality Management	No change in the content	0%
		Elective II: Business Organization	New Subject	100%
2	Allied V: Mathematics -III	Allied IV: Mathematics -III	No change in the content	0%
3	Elective III: Indian Values	Core VIII: Organizational Behaviour	1. New subject which was added as Core Subject instead of Elective subject. 2. Indian values subject was shifted to VI semester Elective III	100%
VOCATIONAL EDUCATIONAL COMPONENT				
4	Core VII: Microprocessor and Microcontroller	Core IX: Microprocessor and Microcontroller	No change in the content	0%
5	Core VIII: Develop Hardware product for Manufacturing	Core X: Develop Hardware product for Manufacturing	No change in the content	0%

SEMESTER VI				
Sl. No.	Name of the Subject		Remarks	Changes in Syllabus in %
	2019-2020	2020-2021		
GENERAL EDUCATION COMPONENT				
1	Elective IV: Professional Ethics and Human values	Elective III: Professional Ethics and Human values	No change in the content	0%
		Elective III: Indian Values	1. No change in the content 2. Shifted from V semester to VI semester	0%
2	Elective V: Safety Engineering	Core IX: Safety Engineering	1. No change in the content 2. Elective subject was changed as Core subject	0%
3	Elective VI: Entrepreneurship Development	Elective IV: Entrepreneurship Development	No change in the content	0%
		Elective IV: Human Resource Management	New Subject	100%
VOCATIONAL EDUCATIONAL COMPONENT				
4	Practical III: Microprocessor and Microcontroller Lab	Practical III: Microprocessor and Microcontroller Lab	No change in the content	0%
5	Project	Project	No change in the content	0%
6	Internship Training-III	Internship Training-III	No change in the content	0%

Program Percentage:

The 5 papers are either added or changed or replaced or shifted out of 37 papers for B.Voc. Technology in Electrical and Electronic Devices , therefore program changes are 14%.


Chairman