



Sri Ramakrishna Mission Vidyalaya
College of Arts and Science (Autonomous)
(Re-accredited with 'A' grade by NAAC)

SRKV Post, Periyanaickenpalayam, Coimbatore - 641020

Swami Nirmaleshananda
Secretary

Dr. V. Ponnuswamy, M.Sc., M.A., MCA., MBA.,
Principal
M.A M.Phil., Ph.D.,

Circular

09/04/2019

The Board of Studies of Bachelor of Vocation (Technology in Electrical and Electronic Devices), DDU-KAUSHAL Kendra of our College will be held on 26/04/2019 (Friday) at 03.00 pm at our College Committee Room.

We need your presence and valuable suggestions for the growth of DDU-KAUSHAL Kendra. Please make it convenient to attend the meeting.


PRINCIPAL

Agenda

1. To discuss the modifications / suggestions of General Component of the syllabus.
2. To discuss the modifications / suggestions of Skill Component of the B.Voc. Technology in Electrical and Electronic Devices syllabus.
3. Any other matter.



DDU-KAUSHAL KENDRA

**Deen Dayal Upadhyay Centre for Knowledge Acquisition
and Upgradation of Skilled Human Abilities and Livelihood**



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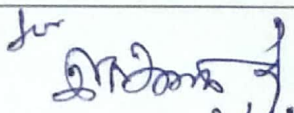



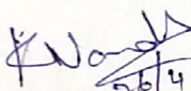


SRI RAMAKRISHNA MISSION VIDYALAYA
COLLEGE OF ARTS AND SCIENCE, DDU-KAUSHAL Kendra
COIMBATORE - 641 020

Bachelor of Vocation (Technology in Electrical & Electronic Devices)

Members present for the Board of Studies Meeting held on 26.04.2019 at 03.00 pm.

S.No.	Name of the members	Designation	Signature
01	Dr.V.Ponnuswamy (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	Swami Nirmaleshananda (Member)	Secretary, Sri Ramakrishna Mission Vidyalaya College of Arts & Science, Coimbatore - 641020	
05	Sri. G. Murali (Member)	Principal, Ramakrishna Mission Vidyalaya Industrial Training Institute, Coimbatore - 641 020	
06	Dr. R. Sridhar (Member)	Director, Sri Ramakrishna Mission Vidyalaya College of Arts and Science (SF Wing), Coimbatore - 641 020	
07	Dr. R. Thangavel (Member)	Associate Professor and Head, Dept. of Electronics and Communication System, Sri Ramakrishna Mission Vidyalaya College of Arts & Science, Coimbatore - 641020	
08	Dr. R. Murugesu (Member)	Associate Professor and Head, Dept. of Mathematics, Sri Ramakrishna Mission Vidyalaya College of Arts & Science, Coimbatore - 641020	
09	Dr. R. Chandrasekar (Member)	Associate Professor and Head, Dept. of English, Sri Ramakrishna Mission Vidyalaya College of Arts & Science, Coimbatore - 641020	

10	Dr. N. Shunmugom (Member)	Associate Professor and Head, Department of Tamil Sri Ramakrishna Mission Vidyalaya College of Arts and Science Coimbatore - 641 020.	 26/4/19 Dr. R. ANAND
11	Sri J. JaganRupchand (Member)	Lecturer, Department of Electrical and Electronic Engineering, Ramakrishna Mission Vidyalaya Polytechnic College, Coimbatore-20	 26.4.19
12	Sri. K. Anand (Member)	Instructor, Ramakrishna Mission Vidyalaya Industrial Training Institute, Coimbatore - 641020	 26/4/19.
13	Sri. K.K. Hariharasudhan (Member)	Assistant Professor of Electrical and Electronic Technology, SRMVCAS, DDU-KAUSHAL Kendra, Coimbatore - 641020	 26/04/19
14	Dr. S. Muthukumar (Member)	Assistant Professor Dept. of Mathematics Sri Ramakrishna Mission Vidyalaya College of Arts & Science Coimbatore - 641020	
15	Sri. K. Nandhakumar (Member)	Assistant Professor of English, SRMVCAS, Coimbatore - 641020	 26/4/19



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Minutes of the Board of Studies Meeting

Venue: College of Arts and Science Committee Room

Date: 26.04.2019

Time: 3.00pm

The meeting started with Prayer.

- Dr. V. Ponnuswamy, 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 is 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. There is no major change in the content of the general education subjects passed in the last Academic Board Meeting. (Refer Annexure)
- Dr. R. Anand, 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.


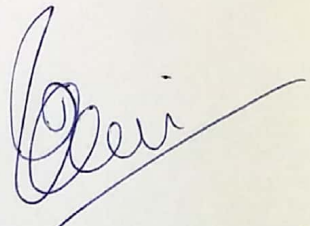

- Dr. R. Murugesu, Head, Dept. of Mathematics explained the features of Mathematics-I, II, III.
- Dr. R. Sridhar, Director, Unaided Wing explained the features of Office Automation and Management subjects such as Principles of Management, Total Quality Management, Professional Ethics & Human Values and Entrepreneurship Development.
- The Committee members were satisfied and approved the syllabi of the General Education components for the batch of 2019-2020.

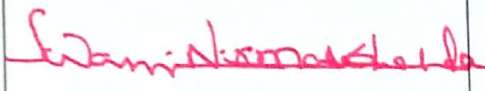
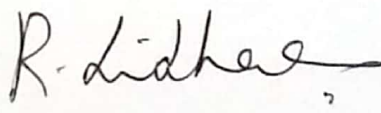
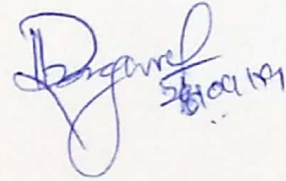
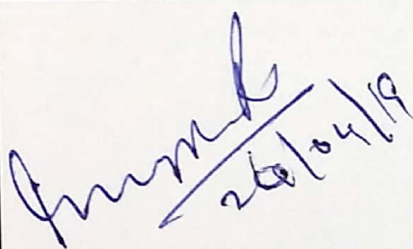
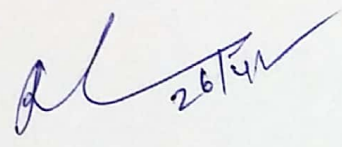
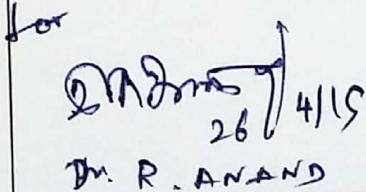
Discussion on the modifications / suggestions in Skill Component of the syllabi:


- 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. In the 3rd Semester a new subject titled "Production Planning and Control" is to be introduced by merging the content of "Develop Procurement Schedule" of III semester and "Develop Production Plan" of IV semester prescribed in the syllabus of 2018-19.

- f. In the 4th Semester a new subject titled "Programmable Logic Controller" is to be introduced instead of "Develop Production Plan".
- g. There are no major changes in the content of the other subjects passed in the last Academic Board meeting. (Refer Annexure).
- h. 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, suggested that 8051 Architecture and Programming by Kenneth Ayala be prescribed as a reference book for the subject "Microprocessor and Microcontroller" in V semester.
 - 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 2019-2020.
 - 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.V.Ponnuswamy (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	

04	Swami Nirmaleshananda (Member) Secretary, SRMVCAS, Coimbatore - 641020	
05	Sri. G. Murali (Member) Principal, Ramakrishna Mission Vidyalaya Industrial Training Institute, Coimbatore - 641 020	
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07	Dr. R. Thangavel (Member) Associate Professor and Head, Dept. of Electronics and Communication System, SRMVCAS, Coimbatore - 641020 .	
08	Dr. R. Murugesu (Member) Associate Professor and Head, Dept. of Mathematics, SRMVCAS, Coimbatore - 641020	
09	Dr. R. Chandrasekar (Member) Associate Professor and Head, Dept. of English, SRMVCAS, Coimbatore - 641020	
10	Dr. N. Shunmugom (Member) Associate Professor and Head, Department of Tamil SRMVCAS Coimbatore - 641 020.	 for Dr. R. ANAND

11	Sri J.JaganRupchand (Member) Lecturer, Department of Electrical and Electronic Engineering, Ramakrishna Mission Vidyalaya Polytechnic College, Coimbatore-20	 26/4/19
12	Sri. K. Anand (Member) Instructor, Ramakrishna Mission Vidyalaya Industrial Training Institute, Coimbatore - 641020	Dr. K. Anand 26/4/19
13	Sri. K.K. Hariharasudhan (Member) Assistant Professor of Electrical and Electronic Technology, SRMVCAS , DDU-KAUSHAL Kendra, Coimbatore - 641020	K.K. Hariharasudhan 26/04/19
14	Dr. S. Muthukumar (Member) Assistant Professor Dept. of Mathematics SRMVCAS Coimbatore - 641020	
15	Sri. K. Nandhakumar (Member) Assistant Professor of English, SRMVCAS, Coimbatore - 641020	K. Nandhakumar 26/4/19

**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 2019-2020 and subsequently)

Annexure: Comparison Chart

SEMESTER I

Sl. No.	Name of the Subject		Remarks	Changes in Syllabus in %
	2018-2019	2019-2020		
GENERAL EDUCATION COMPONENT				
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	Unit V was removed and replaced by Unit II in Mathematics II of 2018-19 syllabus	20%
VOCATIONAL EDUCATIONAL COMPONENT				
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 %
	2018-2019	2019-2020		
GENERAL EDUCATION COMPONENT				
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%
VOCATIONAL EDUCATIONAL COMPONENT				
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	1. Experiments of Linear integrated Circuits were added instead of some Electronic Devices and Circuits experiments. 2. Linear Integrated Experiments were shifted from 4th semester Analog and digital Electronics Lab in 2018-19	10%
6	Internship Training-I	Internship Training-I	No change in the content	0%

SEMESTER III				
Sl. No.	Name of the Subject			Changes in Syllabus in %
	2018-2019	2019-2020	Remarks	
GENERAL EDUCATION COMPONENT				
1	Technical Communication	Technical Communication	No change in the content	0%
2	Allied III: Mathematics-II	Allied III: Mathematics-II	1. Unit II was shifted to Mathematics I 2. Unit V was removed 3. Unit IV and V in Mathematics III in 2018-19 syllabus were shifted to Mathematics II in 2019-20 syllabus	40%
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: Develop Procurement Schedule	Core V: Production Planning and Control	1. New Subject 2. Syllabus was framed by merging the content of Develop Procurement Schedule (3rd Semester) and Develop Production Plan (4th Semester) in 2018-19	100%
SEMESTER IV				
Sl. No.	Name of the Subject			Changes in Syllabus in %
	2018-2019	2019-2020	Remarks	
GENERAL EDUCATION COMPONENT				
1	Allied IV: Technical Drawing	Allied IV: Technical Drawing	No change in the content	0%
2	Elective I: Principles of Management	Elective I: Principles of Management	No change in the content	0%
3	Value Education	Value Education	No change in the content	0%
VOCATIONAL EDUCATIONAL COMPONENT				
4	Core VI: Develop Production Plan	Core VI: Programmable Logic Controller	1. New Subject 2. Syllabus of Develop Production Plan was shifted and merged with the 3rd semester subject Production Planning and Control in 2019-20	100%
5	Practical II: Analog and Digital Electronics Lab	Practical II: Digital Electronics And Programmable Logic Controller Lab	1. Experiments related to Programmable logic Controller were added instead of Linear Integrated circuits. 2. Linear Integrated Experiments were shifted to 2nd semester Electrical and Electronics Devices Lab in 2019-20	50%
6	Internship Training-II	Internship Training-II	No change in the content	0%

SEMESTER V		Name of the Subject		Remarks	Changes in Syllabus in %
Sl. No.	2018-2019	2019-2020			
GENERAL EDUCATION COMPONENT					
1	Elective II: Total Quality Management	Elective II: Total Quality Management	No change in the content		0%
2	Allied V: Mathematics -III	Allied V: Mathematics -III	1. Two new units are added instead of Unit IV and V in 2018-19 syllabus		40%
3	Elective III: Indian Values	Elective III: Indian Values	No change in the content		0%
VOCATIONAL EDUCATIONAL COMPONENT					
4	Core VII: Microprocessor and Microcontroller	Core VII: Microprocessor and Microcontroller	No change in the content		0%
5	Core VIII: Develop Hardware product for Manufacturing	Core VIII: Develop Hardware product for Manufacturing	No change in the content		0%
SEMESTER VI					
Sl. No.	Name of the Subject		Remarks		
	2018-2019	2019-2020	Changes in Syllabus in %		
GENERAL EDUCATION COMPONENT					
1	Elective IV: Profession Ethics and Human values	Elective IV: Profession Ethics and Human values	No change in the content		0%
2	Elective V: Safety Engineering	Elective V: Safety Engineering	No change in the content		0%
3	Elective VI: Entrepreneurship Development	Elective VI: Entrepreneurship Development	No change in the content		0%
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 7 papers are either changed or replaced or shifted out of 33 papers for B.Voc. Technology in Electrical and Electronic Devices, therefore program changes are 21%.

V.P. 23
Chairman