



**Sri Ramakrishna Mission Vidyalaya**  
**College of Arts and Science (Autonomous)**

SRKV Post, Periyanaickenpalayam, Coimbatore-641020

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**Swami Garishthananda**  
Secretary

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

**Circular**

27/03/2018

The Board of Studies of Bachelor of Vocation (Automobiles), DDU-  
KAUSHAL Kendra of our College will be held on 10/04/2018 (Tuesday) 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  
27.3.18

**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 (Automobiles) syllabus.
3. Any other matter.



UGC  
University Grants Commission

**DDU-KAUSHAL KENDRA**

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



NSDC  
National  
Skill Development  
Corporation

Transforming the skill landscape

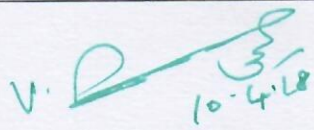
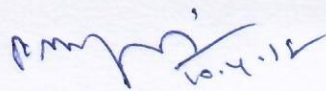
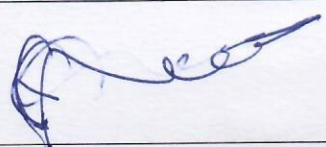
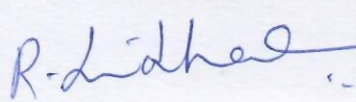
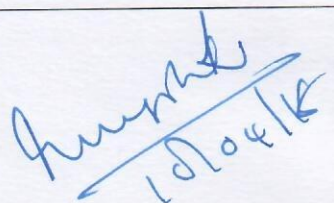




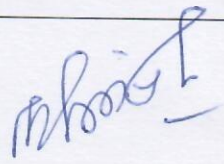
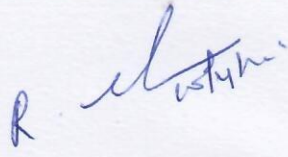
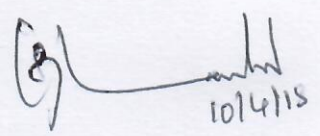

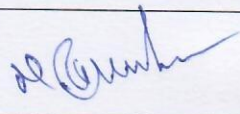
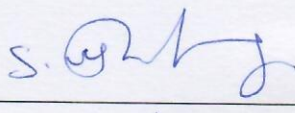
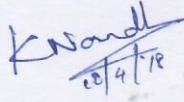
**SRI RAMAKRISHNA MISSION VIDYALAYA**  
**COLLEGE OF ARTS AND SCIENCE, DDU-KAUSHAL Kendra**  
**Coimbatore - 641 020**

**Bachelor of Vocation in Automobiles**

**Members present for the Board of Studies Meeting held on 10.04.2018 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	 10-4-18
02	Dr. R. Malayalamurthi (V.C.'s nominee of Bharathiar University)	Associate Professor Dept. of Mechanical Engineering, Government College of Technology, Coimbatore - 641004	 10.4.18
03	Sri. Ganesan (Industry Representative)	Service Head ABT Maruthi Ltd., 180, 4th Floor, Race Course Road, Coimbatore - 641018	
04	Mr. Sivakumar (Industry Representative)	Trainer Eicher & Volvo Commercial Vehicles Pvt. Ltd, Coimbatore	
05	Swami Garishthananda (Member)	Secretary Sri Ramakrishna Mission Vidyalaya College of Arts & Science, Coimbatore - 641020	
06	Sri. G. Murali (Member)	Principal Ramakrishna Mission Vidyalaya Industrial Training Institute Coimbatore - 641 020	
07	Dr. R. Sridhar (Member)	Director, Sri Ramakrishna Mission Vidyalaya College of Arts & Science (Unaided wing) Coimbatore - 641020	
08	Dr. R. Murugesu (Member)	Associate Professor and Head, Dept. of Mathematics, Sri Ramakrishna Mission Vidyalaya College of Arts & Science, Coimbatore - 641020	 10/04/18



09	Dr. N. Shunmugom (Member)	Associate Professor and Head, Dept. of Tamil, Sri Ramakrishna Mission Vidyalaya College of Arts & Science, Coimbatore - 641020	
10	Dr. R. Chandrasekar (Member)	Associate Professor and Head, Dept. of English, Sri Ramakrishna Mission Vidyalaya College of Arts & Science, Coimbatore - 641020	
11	Dr. S. Chandrasekaran (Member)	Dr. S. Chandrasekaran Head of the Department of Mechanical Engineering, Sri Ramakrishna Mission Vidyalaya Polytechnic College, Coimbatore - 641020	 10/4/18
12	Sri. S. Manohar (Member)	Sri. S. Manohar Lecturer in Mechanical Engineering Sri Ramakrishna Mission Vidyalaya Polytechnic College, Coimbatore - 641020	
13	Sri. M. Hariharan (Member)	Assistant Professor of Automobiles SRMVCAS, DDU-KAUSHAL Kendra, Coimbatore - 641020	
14	Dr. S. Muthukumar (Member)	Assistant Professor of Mathematics, SRMVCAS, DDU-KAUSHAL Kendra, Coimbatore - 641020	
15	Sri. K. Nandhakumar (Member)	Assistant Professor of English, SRMVCAS, Coimbatore - 641020	 10/4/18





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

**Minutes of the Board of Studies Meeting held on 10.04.2018 at 3.00 pm at**

**College of Arts and Science, Committee Room**

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

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

- Dr.R.Sridhar, Director of Un-aided Wing of the college explained about the contents of the general components to the members as follows:
  - a. As per the guidelines of DDU-KAUSHAL Kendra, the general education components have been framed in consultation with the help of Department of Tamil, English, Mathematics and Computer Applications. Totally, 24 credits per year are allotted to general component subjects.
  - b. There is no major change in the content of the courses which are passed in last Board of Studies Meeting. But a few subjects are shuffled in the scheme as per the norms of TANSCH ( Tamilnadu State Council for Higher Education).(Refer Annexure)
- Dr. N. Shunmugom , Head, 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, Un-aided Wing explained the features of office Automation and Management subjects such as Principle of management, Total Quality management, Professional Ethics and Human values and Entrepreneurship Development.
- Dr. K.S.Amirthagadeswaran, Principal, United Institute of Technology, Coimbatore suggested that latest reference books for Technical Drawing and Principles of Management should be added and a minimum two text books for all subjects should be mentioned in the syllabi.
- The Committee members satisfied and approved the syllabus of the General Education components for the batch 2018-2019.

#### **Discussion on the modifications / suggestions of Skill Component of the syllabi**



- Sri G.Murali, Principal SRKV ITI briefed the vocational Components of the courses as follows:
  - a. The syllabus for the vocational components of Automobiles has been framed by following the guidelines given by Automotive Skill Development Council (ASDC), Government of India.
  - b. The number of credits awarded for the vocational components is 36 per year as per the norms of DDU - KAUSHAL Kendra. The scheme of Examination & question paper pattern will be given by respective Sector Skill Council.
  - c. Student's skills during internship could be assessed and internal marks could be awarded according to their skill set based on the report received from the industries.

#### **B.Voc (Automobiles)**

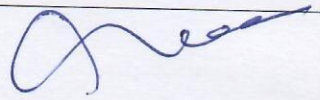
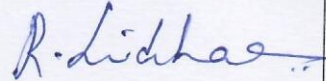
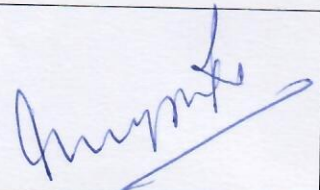
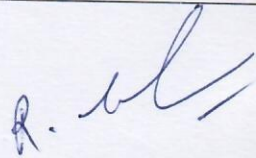


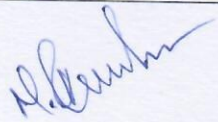
- Sri M.Hariharan, Assistant Professor of Automobiles, briefed the skill component syllabus of Automobiles as follows:
  - a. Based on ASDC guidelines, the syllabus for the job role of ASC/Q 1403 Automotive Service Technician Level 5, ASC/Q1404 Automotive Service Technician Level 6 and ASC/ Q 1412 Service Supervisor for 1<sup>st</sup>, 2<sup>nd</sup> and 3<sup>rd</sup> year has been framed.



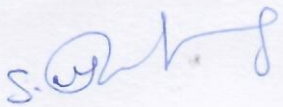

- b. There are no major changes in the content of the subjects passed in last Board of Studies Meeting. But in few subjects unrelated topics were deleted. (Refer Annexure).
- Dr R.Malayalamurthi, Associate Professor, Dept. of Mechanical Engineering, Government College of Technology, Coimbatore suggested to add topics on basics of electrical and electronics in the syllabus of Automotive electrical and electronics I.
  - Dr.S.Chandrasekaran, Head, Dept. of Mechanical engineering, SRMV Polytechnic College suggested that website links of the Automobiles courses should be mentioned in the syllabi.
  - The suggestions given by the experts are accepted and corrected in the syllabus.
  - The Committee members satisfied and approved the syllabus of the Skill components for the batch 2018-2019.
  - The semester examinations conducted in Feb.2017 and Aug.2017 for the First batch (2015-2018) students would be changed as "May. 2017" and " Nov.2017" respectively, said Dr.Sridar. This change was approved by the board members.
  - The meeting ended with Vote of thanks, given by G.Murali.

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COIMBATORE - 641 020  
B.Voc Automobiles)

(For the batch of students admitted during 2018-2019 and subsequently)

Comparison Chart:

Semester I

Semester I			
Sl. No.	Name of the Subject		Remarks
	2017- 2018	2018-2019	
	<u>GENERAL EDUCATION COMPONENT</u>		
1	Basic English	Basic English	No change in content
2	Allied I: Mathematics- I	Allied I: Mathematics- I	No change in content
3	Environmental studies	Tamil I	1. Shifted from 5th semester in 2016-17 2. No Change in Content
	<u>VOCATIONAL EDUCATIONAL COMPONENT</u>		
4	Core I: Automobile Technology-I	Core I: Automobile Technology-I	No change in content
5	Core II: Automobile repair and maintenance I	Core II: Automobile repair and maintenance I	1.Deleted Unit VI

Semester II

Semester II			
Sl. No.	Name of the Subject		Remarks
	2017- 2018	2018-2019	
	<u>GENERAL EDUCATION COMPONENT</u>		
1	Allied II: Office Automation	Allied II: Office Automation	No change in content
2	Professional English	Professional English	No change in content
3	Value Education	Tamil II	1. Shifted from 6th semester in 2016-17 2. No Change in Content
	<u>VOCATIONAL EDUCATIONAL COMPONENT</u>		
4	Core III: Automotive Electrical and Electronics-I	Core III: Automotive Electrical and Electronics-I	1.Unit-I is deleted. 2.Unit-VII is deleted
5	Practical I: Automotive Electrical and Electronics -I	Practical I: Automotive Electrical and Electronics Lab-I	No change in content
6	Practical II: Automobile Repair and maintenance -I	Practical II: Automobile Repair and maintenance Lab -I	1.Deleted Ex.09 2. Deleted Ex.13
7	Internship Training-I	Internship Training-I	No change in content

Semester III

Semester III			
Sl. No.	Name of the Subject		Remarks
	2017- 2018	2018-2019	
	<u>GENERAL EDUCATION COMPONENT</u>		
1	Technical Communication	Technical Communication	No change in content
2	Allied III: Mathematics-II	Allied III: Mathematics-II	No change in content
3	Elective I: Principles of management	Environmental studies	1. Shifted from Ist semester in 2016-17 2. No Change in Content
	<u>VOCATIONAL EDUCATIONAL COMPONENT</u>		
4	Core IV:Automobile Technology II	Core IV:Automobile Technology II	No change in content
5	Core V: Automobile Repair and Maintenance II	Core V: Automobile Repair and Maintenance II	No change in content



## Semester IV

Sl. No.	Name of the Subject		Remarks
	2017- 2018	2018-2019)	
	<b>GENERAL EDUCATION COMPONENT</b>		
1	Allied IV: Technical Drawing	Allied IV: Technical Drawing	<p>Changes in Content are as follows</p> <p>a) Unit I - Introduction to AutoCAD is shifted as unit V</p> <p>b) Unit II (Text and Dimensioning) is deleted.</p> <p>c) Unit III (Geometrical Construction) is shifted as unit I.</p> <p>d) Unit IV (Projections) is shifted as unit II with the deletion of below topic: Different types of machine parts -2D and 3D wire frame models - Solid Figures</p> <p>d) Unit V (Electrical and Electronic Symbols) is shifted as unit IV.</p> <p>e) Sectional View is added as a new Unit III</p>
2	Elective II: Professional Ethics and Human values	Elective I: Principles of management	<p>1. Shifted from 3rd semester in 2016-17</p> <p>2. Changes in Content are as follows</p> <p><b>a. Deleted Topics</b></p> <p>Unit I: Manager Vs Entrepreneur- Types of Manager - Organization culture and Environment.</p> <p>Unit II: Planning premises - Strategic Management</p> <p>Unit III: Nature and purpose - Job Design -Career Planning and management</p> <p>Unit IV: Foundations of individual and group behavior.</p> <p>Unit V: Control of performance.</p> <p><b>b. Added Topics</b></p> <p>Unit IV: Meaning, Principles and Functions.</p>
3	Elective III: Indian Values	Value Education	<p>1. Shifted from 2nd semester in 2015-16</p> <p>2. No Change in Content</p>
	<b>VOCATIONAL EDUCATIONAL COMPONENT</b>		
4	Core VI: Automotive Electrical and Electronics II	Core VI: Automotive Electrical and Electronics II	No change in content
5	Practical III: Work shop Technology I	Practical III: Work shop Technology Lab I	No change in content
6	Internship Training-II	Internship Training-II	No change in content

## Semester V

Sl. No.	Name of the Subject		Remarks
	2017- 2018	2018-2019	
	<b>GENERAL EDUCATION COMPONENT</b>		
1	Tamil I	Elective III: Indian Values	<p>1. Shifted from 4th semester in 2016-17</p> <p>2. No Change in Content</p>
2	Allied V: Mathematics -III	Allied V: Mathematics -III	No change in content
3	Elective IV: Total Quality Management	Elective II: Total Quality Management	No change in content
	<b>VOCATIONAL EDUCATIONAL COMPONENT</b>		
4	Core VII: Work shop Supervising and Management	Core VII: Work shop Supervising and Management	No change in content
5	Practical IV: Work shop Parctice	Practical IV: Work shop Parctice Lab	No change in content



## Semester VI

Sl. No.	Name of the Subject		Remarks
	2017- 2018	2018-2019	
<u>GENERAL EDUCATION COMPONENT</u>			
1	Tamil II	Elective IV: Profession Ethics and Human values	1. Shifted from 4th semester in 2016-17 2. No Change in Content
2	Elective V: Safety Engineering	Elective V: Safety Engineering	No change in content
3	Elective VI: Entrepreneurship Development	Elective VI: Entrepreneurship Development	No change in content
<u>VOCATIONAL EDUCATIONAL COMPONENT</u>			
4	Project	Project	No change in content
5	Internship Training-III	Internship Training-III	No change in content