



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.R. Thangavel, M.Sc., M.Tech., M.Phil., Ph.D.,
Principal

Circular

04/12/2020

The Board of Studies of Bachelor of Vocation in Automobiles, DDU-KAUSHAL Kendra of our College will be held on 04/12/2020 (Friday) at 10.00 am through Google meet online platform.

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. Automobiles syllabus.
3. Any other matter.



DDU-KAUSHAL KENDRA

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



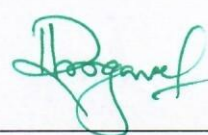


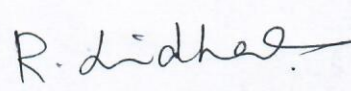
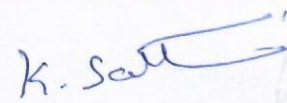
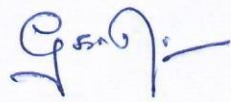
Phone: 0422-2692461, 80125 33914, e-mail: rmvcaskaushal@gmail.com, Website: www.srmvcas.org








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 04.12.2020 at 10.30 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. P. Karthikeyan (V.C.'s nominee of Bharathiar University) | Professor Dept. of Automobile Engineering PSG College of Technology Coimbatore - 641004 | online. |
| 03 | Sri. Ganesan (Industry Representative) | Service Head ABT Maruthi Ltd., 180, 4th Floor, Race Course Road, Coimbatore - 641018 |  |
| 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 & Science (Unaided wing) Coimbatore - 641020 |  |
| 07 | Dr. K. Sathiyathan (Member) | Associate Professor and Head, Dept. of Mathematics, Sri Ramakrishna Mission Vidyalaya College of Arts & Science, Coimbatore - 641020 |  |
| 08 | Dr. N. Shunmugom (Member) | Associate Professor and Head, Dept. of Tamil, Sri Ramakrishna Mission Vidyalaya College of Arts & Science, Coimbatore - 641020 | For  |

| | | | |
|----|-----------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
| 09 | Dr. R. Chandrasekar (Member) | Associate Professor and Head, Dept. of English, Sri Ramakrishna Mission Vidyalaya College of Arts & Science, Coimbatore - 641020 |  |
| 10 | Dr. S. Chandrasekaran (Member) | Head of the Department of Mechanical Engineering, Sri Ramakrishna Mission Vidyalaya Polytechnic College, Coimbatore - 641020 |  |
| 11 | Sri. M. Hariharan (Member) | Assistant Professor of Automobiles SRMVCAS, DDU-KAUSHAL Kendra, Coimbatore - 641020 |  |
| 12 | Sri. R. Swami (Member) | Assistant Professor of Automobiles SRMVCAS, DDU-KAUSHAL Kendra, Coimbatore - 641020 |  |
| 13 | Dr. M. Sivabalan (Member) | Assistant Professor of Mathematics, SRMVCAS, DDU-KAUSHAL Kendra, Coimbatore - 641020 |  |



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

B. Voc Automobiles

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)

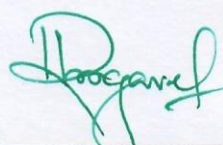
- Dr. R. Gokul, Asst. Professor, Dept. of Tamil explained the features of Tamil I, and Tamil II.
- Dr. R. Chandrasekar, Head, Dept. of English explained the features of Basic English, Professional English and Technical Communication.
- Dr. K. Sathiyathan, Head, Dept. of Mathematics explained the features 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.

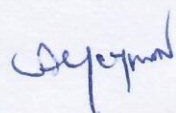
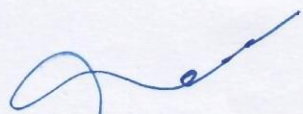
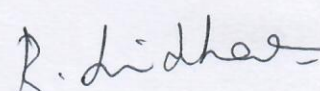
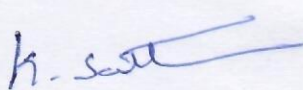
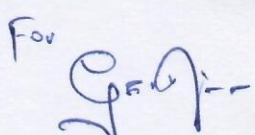
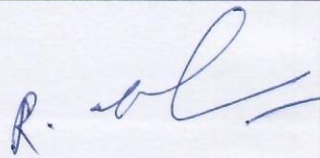
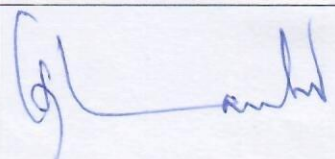
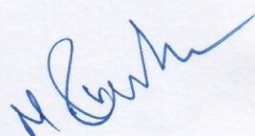
Discussion on the modifications / suggestions of Skill Component of the syllabus



- Sri M.Hariharan, Asst. Professor of Automobiles, briefed the skill component syllabus of Automobiles as follows:

- The syllabus for the vocational component of Automobiles has been framed following the guidelines given by the Automotive Skill Development Council (ASDC).
- Totally 36 credits per year were allotted for the vocational component under the norms of DDU - KAUSHAL Kendra.
- 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.
- Based on the ASDC guidelines, the syllabus for the job role of ASC/ Q 1403 Automotive Service Technician Level 5, ASC/ Q 1403 Automotive Service Technician Level 6, and ASC/ Q 1412 Service Supervisor for the 1st, 2nd and 3rd year has been framed respectively.
- There are no changes in the content of the other subjects passed in the last Academic Board meeting. (Refer Annexure).
- The scheme of the examination for the vocational subject is the same as that of the general component subjects.
- Dr. P. Karthikeyan, Professor of Automobile Engineering, PSG College of Technology, Coimbatore verified the mode of internship training.
- 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 of the members | Designation | Signature |
|------|-----------------------------------|-----------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
| 01 | Dr. R. Thangavel (Chairperson) | Principal Sri Ramakrishna Mission Vidyalaya College of Arts & Science, Coimbatore - 641020 |  |

| | | | |
|----|-------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
| 02 | Dr. P. Karthikeyan (Subject Expert) | Professor Dept. of Automobile Engineering PSG College of Technology Coimbatore - 641004 | |
| 03 | Sri. Ganesan (Industry Representative) | Service Head ABT Maruthi Ltd., 180, 4th Floor, Race Course Road, Coimbatore - 641018 |  |
| 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 & Science (Unaided wing) Coimbatore - 641020 |  |
| 06 | Dr. Dr. K. Sathiyathan (Member) | Associate Professor and Head, Dept. of Mathematics, SRMVCAS, Coimbatore - 641020 |  |
| 07 | Dr. N. Shunmugom (Member) | Associate Professor and Head, Dept. of Tamil, SRMVCAS, Coimbatore - 641020 |  |
| 08 | Dr. R. Chandrasekar (Member) | Associate Professor and Head, Dept. of English, SRMVCAS, Coimbatore - 641020 |  |
| 09 | Dr. S. Chandrasekaran (Member) | Dr. S. Chandrasekaran Head of the Department of Mechanical Engineering, Sri Ramakrishna Mission Vidyalaya Polytechnic College. |  |
| 10 | Sri. M. Hariharan (Member) | Assistant Professor of Automobiles SRMVCAS , DDU-KAUSHAL Kendra, Coimbatore - 641020 |  |

| | | | |
|----|------------------------------|-----------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
| 11 | Sri. R. Swami (Member) | Assistant Professor of Automobiles SRMVCAS , DDU-KAUSHAL Kendra, Coimbatore - 641020 |  |
| 12 | Dr. M. Sivabalan (Member) | Assistant Professor of Mathematics, SRMVCAS, DDU-KAUSHAL Kendra, Coimbatore - 641020 |  |

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

B.Voc (Automobiles)

(For the batch of students admitted during 2020-2021 and subsequently)

Annexure: Comparison Chart

SEMESTER I

| SEMESTER I | | | | |
|-----------------------------------------|------------------------------------------------|------------------------------------------------|--------------------------|--------------------------|
| Sl. No. | Name of the Subject | | Remarks | Changes in Syllabus in % |
| | 2019-2020 | 2020-2021 | | |
| <u>GENERAL EDUCATION COMPONENT</u> | | | | |
| | | | | 0% |
| 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> | | | | |
| | | | | 0% |
| 4 | Core I: Basic Automobile Technology | Core I: Basic Automobile Technology | No change in the content | 0% |
| 5 | Core II: Automotive Electrical and Electronics | Core II: Automotive Electrical and Electronics | No change in the content | 0% |
| SEMESTER II | | | | |

SEMESTER II

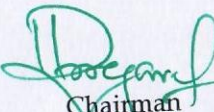
| | | SEMESTER II | | Remarks | Changes in Syllabus in % |
|-----------------------------------------|--------------------------------------------------------|--------------------------------------------------------|--------------------------|---------|--------------------------|
| Sl. No. | Name of the Subject | | | | |
| | 2019-2020 | 2020-2021 | | | |
| <u>GENERAL EDUCATION COMPONENT</u> | | | | | |
| | | | No change in the content | 0% | |
| 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> | | | | | |
| | | | No change in the content | 0% | |
| 4 | Core III: Automobile Technology and Miantenance | Core III: Automobile Technology and Miantenance | No change in the content | 0% | |
| 5 | Practical I: Automotive Electrical and Electronics Lab | Practical I: Automotive Electrical and Electronics Lab | No change in the content | 0% | |
| 6 | Practical II: Automobile Repair and Maintenance Lab -I | Practical II: Automobile Repair and Maintenance Lab -I | No change in the content | 0% | |
| 7 | 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: Automobile Technology II | Core IV: Advanced Automobile Technology | change in the content | 60% |
| 5 | Core V: Automobile Repair and Maintenance II | Core V: Automobile Repair and Maintenance | 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 | 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 VII: Automotive Safety | Core VII: Automotive Safety | No change in the content | 0% |
| 5 | Practical III: Work shop Technology Lab - I | Practical III: Work shop Technology Lab - I | 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% |
| 2 | | Elective II: Business Organization | New Subject | 100% |

| | 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 IX: Work shop Supervising and Management | Core VII: Work shop Supervising and Management | No change in the content | 0% |
| 5 | Practical IV: Work shop Practice Lab | Practical IV: Work shop Practice Lab | 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 | Project | Project | No change in the content | 0% |
| 5 | 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. Automobiles , therefore program changes are 14%.


Chairman