



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

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.


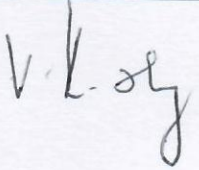

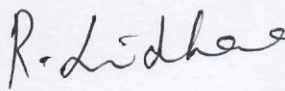
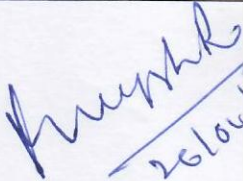
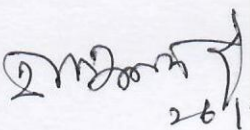
- Dr. R. Murugesu, Head, Dept. of Mathematics explained the features of Mathematics-I, II, III.
- Dr. R. Sridhar, Director, Unaided Wing explained the features of Office Automation and Management subjects such as Principles of Management, Total Quality Management, Professional Ethics & Human Values and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


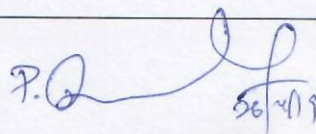

Discussion on the modifications / suggestions in Skill Component of the syllabi:

- Sri P.Surendar, Asst. Professor of Production Technology (Tool & Die), briefed the skill component syllabus of Production Technology (Tool & Die) as follows:
 - a. The syllabus for the vocational component of Production Technology (Tool & Die) has been framed following the guidelines given by the Capital Goods Skill Council of India (CGSC).
 - 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 CGSC guidelines, the syllabus for the first year Production Technology (Tool & Die) was framed based on the job role CSC/Q0306 Tool and Die maker.
 - e. The syllabus for second and third year was framed as per the reference of a qualification pack given in ITeS Sector Skill Council and the suggestions from industrial and academic experts. We have chosen some contents from ITeS Sector Skill Council based on the suggestions by Industrial experts, since no Qualification Pack is been provided by Capital Goods Sector Skill Council.
 - f. In the 1st semester, there are two major changes we made in the curriculum. A subject titled "Basics of Production" was introduced as per the requirements of Industry in the field of Tool and Die making which includes

- Foundry, Metrology and powder Metallurgy. Another one subject titled "Production Technology - I" was framed by merging the contents of "Planning and Fitting" and "Lathe" of I semester in the syllabus of 2018-2019.
- g. In the 2nd Semester, the subject titled "Special Machines" in 2018 - 2019 syllabus was changed to "Production Technology - II" without much change in their contents.
 - h. In the 2nd semester, the practical courses named "Fitting and Lathe" and "Special Machines" in 2018-2019 syllabus was changed to "Production Technology - I" and "Production Technology - II" without any change in their content.
 - i. In the 3rd semester, the course titled "CNC Machines and EDM" was changed to "Advanced Production Technology" by introducing some new topics like Additive Manufacturing, Plastic Production and various non-conventional machining processes with the content.
 - j. In the 3rd semester, a practical course named "CNC and EDM" in 2018-2019 syllabus was changed to "Advanced Production Technology" without any change in their content.
 - k. There are no major changes in the content of the other subjects passed in the last Academic Board meeting. **(Refer Annexure).**
 - l. The scheme of the examination for the vocational subject is the same as that of the general component subjects.
- Dr. V.Krishnaraj, Associate Professor, Dept. of Production Engineering, PSGCT, suggested that the syllabus is enough for the students to gain knowledge about Tool and Die making. But it will be more helpful to students if we can include the courses like Gauge design and Injection moulding and die casting die design in the final year syllabus. Also he suggested the course titles as Tool design - I and Tool design - II.
 - The suggestions given by the experts were accepted and the contents in the course Design of Jigs and Fixtures was changed and it was titled as Tool design - I. And a new subject was introduced in 6th semester as Tool design - II which includes the Injection moulding and Die casting die design.
 - 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 present for the Board of Studies

S.No.	Name of the members	Designation	Signature
01	Dr. V. Ponnuswamy (Chairperson)	Principal, Sri Ramakrishna Mission Vidyalaya College of Arts & Science, Coimbatore - 641 020.	
02	Dr. V. Krishnaraj (Subject Expert)	Associate Professor, Department of Production Engineering, PSG College of Technology, Coimbatore - 641 004.	
03	Sri. Sathish Kumar <i>C. VELUSAMY</i> (Industry Representative)	General Manager, Sri Andal Engineering Works, SF No. 268, 7/2, Manoj Nagar, Kannampalayam, Coimbatore - 641 402.	
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. Murugesu (Member)	Associate Professor and Head, Dept. of Mathematics, Sri Ramakrishna Mission Vidyalaya College of Arts & Science, Coimbatore - 641020	
08	Dr. R. ANAND Dr. N. Shunmugom (Member)	Associate Professor and Head, Dept. of Tamil, Sri Ramakrishna Mission Vidyalaya College of Arts & Science, Coimbatore - 641020	

09	Dr. S. Chandrasekaran (Member)	Head of the Department of Mechanical Engineering, Ramakrishna Mission Vidyalaya Polytechnic College, 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	Sri. R. Venukumar (Member)	Instructor, Ramakrishna Mission Vidyalaya Industrial Training Institute, Coimbatore - 641 020	
12	Sri. P. Surendar (Member)	Assistant Professor of Production Technology (Tool & Die), SRMVCAS, DDU-KAUSHAL Kendra, Coimbatore - 641020	
13	Dr. S. Muthukumar (Member)	Assistant Professor of Mathematics, SRMVCAS, DDU-KAUSHAL Kendra, Coimbatore - 641020	
14	Sri. K. Nandhakumar (Member)	Assistant Professor of English, SRMVCAS, Coimbatore - 641020.	

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B.Voc Production Technology (Tool& Die)
(For the batch of students admitted during 2019-2020 and subsequently)

Annexure: Comparison Chart

SEMESTER I

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: Planning and Fitting	Core I: Basics of Production	New Subject	100%
5	Core II: Lathe	Core II: Production Technology - I	New Subject	100%
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: Special Machines	Core III: Production Technology - II	1. Unit II & III was deleted and add new topics	40%
5	Practical I: Fitting and Lathe	Practical I: Production Technology - I	1. Fitting and lathe lab name was chngesd to Production technology - I 2. No change in the content	0%

6	Practical II: Special Machines	Practical II: Production Technology - II	1. Special Machines lab name was chngesd to Production technology - II 2. 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 %
	2018-2019	2019-2020		

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: CNC Machines & EDM	Core IV: Advanced Production Technology	1. Unit I, II & V was deleted and add new topics	60%
5	Practical III: : CNC Machines & EDM	Practical III: Advanced Production Technology	1. CNC Machines & EDM lab name was chngesd to Advanced Production technology 2. No change in the content	0%

SEMESTER IV

Sl. No.	Name of the Subject		Remarks	Changes in Syllabus in %
	2018-2019	2019-2020		

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 V: Drafting and Plotting	Core V: Drafting and Plotting	No change in the content	0%
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5	Practical IV: Drafting and Plotting	Practical IV: Drafting and Plotting	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 %
	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 VI: Design of Jigs and Fixtures	Core VI: Tool Design - I	New Subject	100%
5	Practical V: Design and Manufacturing	Practical V: Design and Manufacturing	No change in the content	0%

SEMESTER VI

Sl. No.	Name of the Subject		Remarks	Changes in Syllabus in %
	2018-2019	2019-2020		

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	-	Core VII: Tool Design - II	New Subject	100%
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 4 papers are either changed or replaced or shifted out of 34 papers for B.Voc.Production Technology (Tool & Die), therefore program changes are 11.48%.