

Department of Biochemistry  
St. Joseph's College (Autonomous)  
Tiruchirappalli – 620002

The Biochemistry board of studies meeting was held on 18 MAY 2021 at 10 AM on google meet platform. The Head of the department Mr.T.Antony Diwakar Chandran welcomed the University representative Dr.Suguna Bai , Associate Professor , Department of Biochemistry, SRC, Tiruchirappalli , Dr.Shabana Begum , Associate Professor , Department of Biochemistry ,Muthayammal college, Rasipuram, Mr. Dharmadurai, the Industrialist, Ms.Dhasaratha Bai, alumna belonging to 2019-21 batch and all the members of the staff.

Initially, the Head of the department read out the course pattern and the shifting of the papers across the semesters. Then the staff members were asked to read out the content of the courses allotted for them. Then the suggestions of the Subject expert, the University representative and the industrialist were discussed and recorded.

New courses introduced and shifting of the courses across the semesters:

- Forensic science is introduced as the Ability Enhancing Course in the first semester.
- The course content of the Pharmaceutical Biochemistry paper is totally changed and offered in the fourth semester instead of third semester.
- Advances in Clinical research and Biochemistry of Natural products are reintroduced.
- “Molecular Biology” paper of I semester is shifted to II semester and Microbiology of semester II is shifted to semester I. The experiments of the lab course paper are also combined accordingly.
- The optional paper entitled “Molecular Diagnostics” is shifted to the third from the second semester.
- The Paper entitled “Diet Therapy” is retained as the value added course. Minor corrections were made in the following papers.

Minor changes were made in the following papers.


Molecular Biology  
Microbiology  
Enzymology  
Herbal technology  
Human Physiology  
Immunology  
First Aid management  
And Lab course IV

Then, the question paper patterns given by the Dean were presented by the Head of the Department. The pattern I with Four tier system was suggested by the members and finally approved by the board.

All the above changes and the suggestion given by the stakeholders were approved by the board members and implemented in the curriculum.

Mr.T.AntonyDiwakarChandran  
Assistant Professor and Head –The Chairman

  
**Dr. S. SAHAYA SATHISH**  
DEAN-School of Biological Sciences  
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**Tiruchirappalli -620002**

Board of Studies 2021 ACTION TAKEN REPORT


Biochemistry Board of Studies Meeting held on 18 MAY 2021 at 10 AM on Google staff room platform. The suggestions of the stakeholders were discussed by the board.

The following changes were made and approved by the board. As a result, the following table shows the action taken as per the suggestions given by the members.


Course Title	Stakeholders	Suggestions		Action taken	Percentage of revision
		Addition	Deletion		
SEMESTER I					
Biomolecular Chemistry	Dr.Suguna Bai	Unit I :Introduction to metabolisms	---	Approved by the board and incorporated	1%
	:Dr.Suguna Bai University Representative	UNIT V :Unusual nucleic acids	---	Approved by the board and incorporated	1%
Microbiology	Dr.P.G.Geegi	Unit III: Industrial production of Vitamins	---	Approved by the board and incorporated	1%
	Dr.Suguna Bai - University Representative	UNIT I: Microscopy – Principles and types – Simple, Compound and Phase contrast	---	Approved by the board and incorporated	0.5%
	Dr.Shabana Begum – The Subject Expert	UNIT -I Growth curve – factors affecting it	---	Approved by the board and incorporated	0.5%
Bioenergetics and Enzymology	Dr.Shabana Begum – Subject Expert	Unit II : Specific methods of Isolation and purification to be mentioned	----	Approved by the board and incorporated	1%
	Dr.Suguna Bai University Representative	Unit V: Applications of Specific enzymes- Industrial , Therapeutic	-	Approved by the board and incorporated	-
	Mr.T.Antony Diwakar – The chairman	Two enzymes for each category	---	Approved by the board and incorporated	1%
Lab course I	Dr. Shabana Begum – Subject Expert	Estimation of Fructose	--	Approved by the board and incorporated	5%
	Mr.T.Antony Diwakar Chandran	Shifting of three experiments from	--	Approved by the board and	15%

  
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	–The chairman	Lab course IV to Lab Course I		incorporated	
Developmental Biology	No change suggested	----	---	Approved	---
Biochemistry of Natural Products	No change suggested	----	---	Approved	---
Forensic Science	No change suggested	----	---	Newly framed course - Approved	100%
SEMESTER II					
Genetic Engineering	No Change Suggested	---	---	Approved	--
Human Physiology	Dr.Suguna Bai - University Representative	UNIT V: Blood pressure – renin- angiotensin system	---	Approved	0.5%
Molecular Biology	Ms.Dhasaratha Bai -Alumna	Biological Mutation	----	Approved by the board and incorporated	0.5%
Lab course II	No Change suggested	---	---	Approved	--
Self Paced Learning: Advanced Nutrition	Dr.Shabana Begum – The Subject Expert	UNIT – 1 Protein Energy Malnutrition (PEM)	Unit I : Refsum's Disease and Atherosclerosis	Approved	1%
	ShrithiLekha – Student Representative	Books for Dietetics	-	Approved by the board and incorporated	--
Immunology	Dr.Suguna Bai - University Representative	Unit III: Mechanisms of activation of B and T cells	---	Approved by the board and incorporated	----
IDC (WS) Herbal Technology Generic Elective -I	Prof.S.Venkateshwari – Faculty member	Unit II : Drug Formulation and Types – advantages and disadvantages	-----	Approved by the board and incorporated	1%
	Dr.Suguna Bai - University Representative	Unit II : Packing materials	--	Approved by the board and incorporated	0.5%
	Dr.Shabana Begum – The Subject Expert	UNIT – 1 Role of Indian Systems of medicine – Ayurveda, Yoga, Siddha, Unani and Homeo	-----	Approved by the board and incorporated	1%

  
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SEMESTER III					
Pharmaceutics and Nanotechnology	No Change Suggested	---	---	Approved	--
Research Methodology	No Change Suggested	---	---	Approved	--
Advances in Clinical research	No Change Suggested	---	---	Approved	--
Lab course III	No Change Suggested	---		Approved	--
Life sciences for Competitive Exams -I	No Change Suggested	---	----	Approved	--
Molecular Diagnostics	No Change Suggested	---	---	Approved	--
IDC (BS) :First Aid Management	Prof.A.BennoSusai – Faculty member	Unit V : First Aid Kits	---	Approved by the board and incorporated	1%
Semester IV					
Advanced Endocrinology	No Change Suggested	---	---	Approved	--
Clinical Biochemistry	No Change Suggested	---	----	Approved	--
Lab course IV	Mr.T.AntonyDiwakar-The chairman	--	Estimation of Vitamin C,A,E,	Approved	15%
	Mr. A.BennoSusaiVijayakumar-Member	-	i)Pathological examination of blood film ii)Determination of prothrombin time	Approved	10%
Pharmaceutical Biochemistry	Mr.Dharmadurai - Industrialist -	Unit V : Introduction of Quality control- Dissolution, Disintegration	---	Approved by the board and incorporated	1%
Life Sciences for competitive Exams -II	No Change Suggested	---	---	Approved	--

  
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**DEPARTMENT OF BIOTECHNOLOGY  
ST. JOSEPH'S COLLEGE (AUTONOMOUS)  
TRICHY - 620 002**

**BOARD OF STUDIES IN BIOTECHNOLOGY HELD ON 18.05.2021**

**MEMBERS PRESENT**

S. No.	Name	Attendance
	<b><u>UNIVERSITY REPRESENTATIVE</u></b>	
1.	<b>Dr. V. Rajesh Kannan</b> , Associate Professor, Department of Microbiology, Bharathidasan University, Trichy - 620 024,	PRESENT
	<b><u>SUBJECT EXPERT</u></b>	
2.	<b>Dr. V. Ramesh Kumar</b> , Associate Professor and Head, Department of Biotechnology, Sathyabama Institute of Science and Technology, Chennai - 600 119.	PRESENT
	<b><u>INDUSTRIAL EXPERT</u></b>	
3.	<b>Mr. T.R. SasiVarier</b> , Executive Director, K.S.Varier'sAshtangaAyurvedics (P) Ltd. Trichy - 620 102.	PRESENT
4.	Mr. Jayasuriya (Alumnus), 10/23, Annaillam, Ammamandapam Road, Srirangam, Trichy - 620 006	ABSENT
	<b><u>HEAD OF THE DEPARTMENT</u></b>	
5.	Dr. A. Edward	PRESENT
6.	Dr. R. Kamaraj Kennedy, Faculty	PRESENT
7.	Dr. D. Michael Immanuel Jesse, Faculty	PRESENT
8.	Prof. D. Amutha, Faculty	PRESENT



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**Dr. A. EDWARD**  
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**DEPARTMENT OF BIOTECHNOLOGY**  
**ST. JOSEPH'S COLLEGE (AUTONOMOUS)**  
**TRICHY – 620 02**

**MINUTES OF THE BOARD OF STUDIES MEETING**

The Board of Studies meeting for M. Sc syllabus revision was held on 18/05/21 at 09.30am through Google Meet (<https://meet.google.com/zjx-zrue-jgn>). The chairman welcomed the board members. The University nominee, Dr. V. Rajesh Kannan, (Associate Professor and Head, Department of Microbiology, Bharathidasan University, Trichy); Subject Expert, Dr. V. Ramesh Kumar (Associate Professor and Head, Department of Biotechnology, Sathyabama Institute of Science and Technology, Chennai); Industrial Expert, Mr. T.R. Sasi Varier (Executive Director, K.S. Varier's Ashtanga Ayurvedics (P) Ltd. Trichy) were present. Mr. R. Jayasurya (Alumnus) was absent. And the faculty members of the Biotechnology Department attended the meeting respectively.

The M. Sc syllabus was placed before the board. The board members went through it and discussed elaborately.

The following changes were done in the syllabus based on the suggestions given by the Stakeholders:

- 1) The Course "Cell Biology" is completely removed from Semester I. Instead of that, the Course "Microbiology" is shifted from Semester II to Semester I.
- 2) Removal of the Laboratory Course "Cell Biology" from Semester I. Instead of that, "Microbiology" experiments are merged with the Laboratory Course I "Molecular Biology" and renamed as the Laboratory Course I "Molecular Biology and Microbiology".
- 3) In the place of "Microbiology" course in Semester II, the new Core Paper titled "Synthetic Biology" is incorporated.
- 4) Due to the removal of "Microbiology" practical's, the Laboratory Course III is renamed as "Recombinant DNA Technology, Genomics and Immunology".
- 5) Herbal based foods and drugs are included in the Unit III of "Medical Biotechnology" course.
- 6) The Course "Microbial Biotechnology" is renamed as "Industrial Biotechnology".
- 7) The Course titled "Intellectual Property Rights (IPR) and Bioethics" in the Semester IV as an elective paper is transformed as a Core paper and shifted to Semester III.
- 8) The Laboratory Course V "Microbial Biotechnology" is renamed as "Industrial Biotechnology".
- 9) Transformation of "Bionanotechnology" as a Core paper instead of Elective paper in Semester IV.
- 10) Food Biotechnology as a core paper has been transformed as an elective paper and shifted in Semester IV.



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11) The Minor additions and deletions suggested by the stakeholders are done in the courses titled "Molecular Biology, Biochemistry, Laboratory Course II, Laboratory Course IV, Drug discovery and development and Food Technology" respectively.

12) The Remaining courses are retained as such without any additions or deletions in its content.

The suggestions given by the University Representative, Subject Expert, Industrial Expert and Biotechnology Faculties are accepted. Finally, the M. Sc syllabus is modified as per the discussions made, circulated among the board members and approved.

The Previous Value added course titled "Better Health through Beneficial Microbes" will be continued for the next Academic year.

The Question Paper (Pattern 2 Marks) for Semester, Mid & End Semester are unanimously accepted and approved by all the Stakeholders for Biotechnology PG degree.

Finally, the chairman proposed vote of thanks and the meeting came to an end at 1:00 pm.

**(1) Dr. A. Edward – Head & Chairman**

**(2) Dr. V. Rajesh Kannan (University Representative)**

Associate Professor and Head,

Department of Microbiology, Bharathidasan University, Trichy

**(3) Dr. V. Ramesh Kumar (Subject Expert)**

Associate Professor and Head, Department of Biotechnology,

Sathyabama Institute of Science and Technology, Jeppiaar Nagar, Chennai.

**(4) Mr. T. R. Sasi Varier (Industrial Expert)**

Executive Director,

K.S.Varier's Ashanga Ayurvedics (P) Ltd. Trichy

**(5) Mr. R. Jayasurya (Alumnus)**

**Department Staff Members**

1. Dr. R. Kamaraj Kennedy, Assistant Professor

2. Dr. D. Michael Immanuel Jesse, Assistant Professor

3. Prof. D. Amutha, Assistant Professor

Based on the suggestions given by the stakeholders, the M. Sc syllabus is approved.

**Dr. S. SAHAYA SATHISH**

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Various suggestions such as additions or deletions in the content of the courses, removal of courses, inclusion of new courses and renaming of courses given by the Stakeholders are given below:

Table 1 Suggestions given by the Stakeholders and Action Taken

Course & Course code		STAKEHOLDERS				Action Taken
S. No		University Representative (Dr. V. Rajesh Kannan)	Subject Expert (Dr. V. Ramesh Kumar)	Industrial Expert(Mr. T. Sasi Varier)	Biotechnology Faculties	
Semester I						
1.	Molecular Biology (21PBT1CC01)	Nil	Suggested to add “Translation of genetic information and its control” in Unit IV.	Nil	Dr. R. Kamaraj Kennedy suggested to add “Translation of genetic information and its control” in Unit IV.	Subject expert and Faculty suggestions are accepted and added in Unit IV. The Percentage of addition in the course content is 2%.
2.	Biochemistry (21PBT1CC02)	Nil	Suggested to remove “Intermediary metabolism” from Unit IV.	Nil	Dr. R. Kamaraj Kennedy suggested to remove “Intermediary metabolism” from Unit IV.	Subject expert and Faculty suggestions are accepted and removed from Unit IV. The Percentage of removal in the course content is 2%.
3.	Microbiology (21PBT1CC03)	Suggested to remove the Course “Cell	Suggested to introduce new course “Synthetic Biology” in the place of	Suggested to introduce new course.	Dr. A. Edward suggested to remove the Cell	University Representative, Subject expert,

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		Biology" from Semester I and replacing it with the course "Microbiology" from Semester II.	"Microbiology" in Semester II.		Biology course and replace it with "Microbiology".	Industrial expert and Faculty suggestions are accepted. The Cell Biology course is completely removed and replaced with Microbiology paper in Semester I. The Percentage of removal of Cell Biology course is 100%.
4.	Laboratory Course – I Molecular Biology and Microbiology (21PBT1CP01).	Suggested to replace Cell Biology practical's with Microbiology practical's and rename the course title as "Molecular Biology and Microbiology".	Suggested to replace Cell Biology practical's with Microbiology practical's and rename the course title as "Molecular Biology and Microbiology".	Nil	Dr. R. Kamaraj Kennedy suggested to replace the "Cell Biology" practical's with Microbiology practical's.	University Representative, Subject expert, Industrial expert and Faculty suggestions are accepted. Due to the removal of the course "Cell Biology", the Practical's (Cell Biology) are replaced with Microbiology practical's. Hence the Laboratory course title is renamed as "Molecular Biology and Microbiology" (21PBT1CP01). The Percentage of addition in the course

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						content is 50%.
5.	Laboratory Course-II Biochemistry (21PBT1CP02)	Nil	Suggested to mention the exact "estimation method for the analysis of reducing sugar and amino acids".	Nil	Nil	Subject expert suggestion is accepted and added in the course.
6.	Discipline Specific Elective-1 (Developmental Biology) (21PBT1ES1A).	Nil	Nil	Nil	Nil	No additions and deletions are suggested. The course is accepted as such without any modifications.
7.	Discipline Specific Elective-1 (Stem Cell Technology) (21PBT1ES1B).	Nil	Nil	Nil	Nil	No additions and deletions are suggested. The course is accepted as such without any modifications.
8.	AEC - Entrepreneurship skills Biotechnology (21PBT1AE01).	Nil	Nil	Nil	Nil	No additions and deletions are suggested. The New course is accepted as such without any modifications.
<b>Semester II</b>						
9.	Recombinant DNA Technology (21PBT2CC04)	Nil	Nil	Nil	Nil	No additions and deletions are carried out. The course is accepted as such without any modifications.
10.	Synthetic Biology (21PBT2CC05)	Suggested to add new	Suggested to shuffle in Microbiology	Suggested to add this new course in	All the staff members	The new course is unanimously

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	course.	Semester I and replace it with the new course titled "Synthetic Biology" in Semester II.	Semester II	suggested to add "Synthetic Biology" course in Semester II.	accepted. Microbiology paper is shifted to Semester I and new course "Synthetic Biology" is added in the place of Microbiology in Semester II. The new course "Synthetic Biology" (21PBT2CC05) is framed and added in Semester II in the place of Microbiology paper. The Percentage of adding new paper in the syllabus is 100%.
11.	Genomics and Proteomics (21PBT2CC06)	Nil	Nil	Nil	No additions and deletions are carried out. The course is accepted as such without any modifications.
12.	Laboratory Course III (Recombinant DNA Technology, Genomics and Immunology) (21PBT2CP03)	Suggested to remove Microbiology experiments from the Practical course as the Microbiology paper shifted to Semester I.	Nil	Dr. A. Edward suggested to rename the course.	The content of Microbiology is removed from the course content as the course "Microbiology" was shifted to Semester I. Hence the course is

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	Semester I.				renamed as "Recombinant DNA Technology, Genomics and Immunology". The percentage of deletion in the course content is 20%.
13. Self-Paced Fundamental Genetics (21PBT2SP01)	Nil	Nil	Nil	Nil	No additions and deletions are carried out. The course is accepted as such without any modifications.
14. Discipline Specific Elective-2 (Immunology) (21PBT2ES2A)	Nil	Nil	Nil	Nil	No additions and deletions are carried out. The course is accepted as such without any modifications.
15. Discipline Specific Elective-2 (Cell Signaling) (21PBT2ES2B)	Nil	Nil	Nil	Nil	No additions and deletions are carried out. The course is accepted as such without any modifications.
16. Generic Elective-2 (WS) Medical Biotechnology (21PBT2EG01)	Nil	Nil	Suggested to add the Herbal based topics in the Unit III (Herbal-Drug and Herb-Food Interactions: Gener al introduction to	Nil	Industrial expert suggestions are accepted and added in Unit III. The Percentage of addition in the course is 10%.

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				interaction and classification. Study of following drugs and their possible side effects & interactions: <i>Gingko biloba</i> , Ginseng, Garlic & Pepper)			
17.	Extra Credit courses (MOOC)-1(21PBT2401)	Nil	Nil	Nil	Nil	All the Stakeholders accepted and approved MOOC-1 Course.	
Semester III							
18.	Bioinstrumentation and Research Methodology (21PBT3CC07)	Nil	Nil	Nil	Nil	No additions and deletions are carried out. The course is accepted as such without any modifications.	
19.	Industrial Biotechnology (21PBT3CC08)	Nil	Renaming of Microbial Biotechnology as “Industrial Biotechnology”.	Nil	Nil	The title change is unanimously accepted and included in the syllabus. No additions and deletions done in the course content.	
20.	Intellectual Property Rights (IPR) and Bioethics (21PBT3CC09)	Nil	Suggested to transform the course as Core paper instead of Discipline Elective	Nil	Favoring the point, Dr. D. Michael Immanuel Jesse	The Course which was in the Semester IV as an elective paper is shifted to	



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			Paper.		also suggested the Course as a Core paper.	Semester III as Core paper.No additions and deletions are carried out. The course is accepted as such without any modifications.
21.	Practical – IV (Bioinformatics and Biostatistics) (21PBT3CP04)	Nil	Suggested to include “Introduction to R programming and its importance in biostatistics”	Nil	Nil	The suggestions accepted and added in the course. The Percentage of addition in the course content is 5%.
22.	Practical – V (Industrial Biotechnology) (21PBT3CP05)	Suggested to rename the Microbial Biotechnology as “Industrial Biotechnology”	Suggested to rename the Microbial Biotechnology as “Industrial Biotechnology”	Nil	Nil	The title of Laboratory course is renamed as “Industrial Biotechnology”.No additions and deletions are carried out. The course is accepted as such without any modifications.
23.	Discipline Specific Elective-3 (Bioinformatics) (21PBT3ES3A)	Nil	Nil	Nil	Nil	No additions and deletions are carried out. The course is accepted as such without any modifications.
24.	Discipline Specific Elective-3 (Drug Discovery and		Suggested to add “Docking softwares – AutoDock, Hex and		Dr. D. Michael Immanuel Jesse also insisted the	Suggestions given by the Subject expert and the Faculty are

  
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	Development) (21PBT3ES3B)	Nil	PatchDock. Drug validation softwares – PreADMET server” in Unit V.	Nil	addition of the topics “Docking – AutoDock, Hex and PatchDock. Drug validation softwares – PreADMET server” in Unit V.	accepted &are added in Unit V. The Percentage of addition in the course content is 10%.
25.	Generic Elective-1 (BS) Food Technology (21PBT3EG02)	Nil	Suggested to add “Food groups classification; Composition and nutritive value of cereals, millets and pulses; milk and animal products (meat, poultry and fish products)” in Unit I.	Nil	Dr. A. Edward suggested to shift the contents of Unit I to Unit II (Food additives – intentional and non-intentional and their functions).	Suggestions given by both Subject expert and Facultyare accepted & carried out in the course.
26.	Extra Credit courses (MOOC)-2 (21PBT3402)	Nil	Nil	Nil	Nil	All the Stakeholders accepted and approved MOOC-2 Course.
<b>Semester IV</b>						
27.	Bionanotechnology (21PBT4CC10)	Nil	Suggestions are given to rename the Nanobiotechnology as course “Bionanotechnology”	Nil	Nil	Suggestionare accepted and renamed as “Bionanotechnology. This course is accepted as a new Core paper unanimously by all

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						the Stakeholders.
28.	Plant and Animal Biotechnology (21PBT4CC11)	Nil	Nil	Nil	Nil	No additions and deletions are carried out. The course is accepted as such without any modifications.
29.	Practical – VI (Bionanotechnology) (21PBT4CP06)	Nil	Suggested to rename the Laboratory Course as “Bionanotechnology”	Nil	Nil	The Practical Course is renamed as “Bionanotechnology”. No additions and deletions are carried out. The course is accepted as such without any modifications.
30.	Practical – VII (Plant and Animal Biotechnology) (21PBT4CP07)	Nil	Nil	Nil	Nil	No additions and deletions are carried out. The course is accepted as such without any modifications.
31.	Discipline Specific Elective-4 (Environmental Biotechnology) (21PBT4ES4A)	Nil	Nil	Nil	Nil	No additions and deletions are carried out. The course is accepted as such without any modifications.
32.	Discipline Specific Elective-4 (Food Biotechnology) (21PBT4ES4B)	Nil	Suggested to transform the Core paper “Food Biotechnology” as Discipline specific elective paper in	Suggested to include “Herbal based foods” in Unit I.	Prof. D. Amutha has suggested to remove “Spoilage of	Suggestions are accepted and shuffling of the course as elective paper instead of Core

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			Semester IV.		vegetables, fruits, poultry, beverage and other products" from Unit III and merging it with Unit II.	paper has been done. Inclusion of "Herbal based foods" are done in Unit I. Unit III contents are merged with Unit II. The Percentage of addition in the course content is "2%".
33.	Project work & Viva Voce (21PBT4PW01)	Nil	Nil	Nil	Nil	All the Stakeholders accepted and approved "6 hours" for the Project work.
34.	Comprehensive Exam (21PBT4CEO1)	Nil	Nil	Nil	Nil	The "Comprehensive Exam" is accepted and approved by the Stakeholders.
35.	Extra Credit courses (MOOC)-3 (21PBT4403)	Nil	Nil	Nil	Nil	All the Stakeholders accepted and approved MOOC-3 Course.

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**DEPARTMENT OF BOTANY**  
**Minutes of BoS Meeting held on 18<sup>th</sup> May 2021**

**1. List of Members:**

1. Dr.V.Anand Gideon-University Representative
2. Dr.T.Parimelazhagan – Subject Expert
3. Mr.SasiVarier – Industrial Expert
4. Mr.K.R.Vishnuvarthan- Student Representative
5. Dr.S.R.Senthilkumar-Head and
6. Faculty members except Dr.H.David Raja (net work issue)

**2. Minutes of the Meeting:**

The Department meeting was conducted on 18.05.2021 at 10.00 am through GC staff room. Initially, the HoD welcomed the University representative, subject expert, industrial expert, student representative, Dean, and Faculty members for the meeting. All the Members were present in the meeting except Dr.H.David Raja who is not able to attend due to connectivity issue.

After the silent prayer, the meeting highlight was explained by the Head of the Department based on the agenda.

The LOCF template was displayed for UG Programme and discussed in detail manner about the courses, total hours and credits. In general, subject expert, university representative, Industry Expert and others accepted as such and approved the UG- LOCF pattern. Only few typographical error and suggested web based link for few courses mentioned by the subject expert.

Later, the PG Programme LOCF pattern was displayed with the course details, total hours and credits were narrated by the HoD.

Few practical aspects from Cell and Molecular Biology course can be included in the Biochemistry practical was suggested by the University Representative.

Organic Farming and Genetics course can be interchanged from 4<sup>th</sup> to 3<sup>rd</sup> semester was suggested by Dr.K. Rajan and accepted by the board.

Communication skill is very important for the employment purpose was suggested by the Industrial Expert which is not sufficient at present situation.

Clinical data analysis, Drug discovery, e-learning such courses will be useful for getting employment opportunities pointed by the student representative.

Finally, The board approved the PG-LOCF pattern and HoD thanked all the members for their valuable comments and suggestions.

Finally meeting came to an end.

**3. Suggestions and views received:**

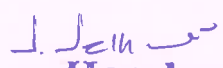
- i) UG courses were accepted without any modifications
- ii) Few Practical were suggested for Cell and Molecular Biology Course in the PG Programme.

**4. Action Taken on the suggestions:**

The suggestions mentioned by the Subject expert were incorporated in the course. The other detailed discussions were mentioned in the minutes of the meeting.

  
**Dr. S. SAHAYA SATHISH**

DEAN-School of Biological Sciences  
St. Joseph's College (Autonomous)  
Tiruchirappalli-620 002.

  
**Head**

Department of Botany  
St. Joseph's College (Autonomous)  
Tiruchirappalli - 620 002.

## Department of Computer Science

St. Joseph's College (Autonomous)

Tiruchirappalli – 620 002

### MINUTES OF THE BOARD OF STUDIES MEETING HELD ON 18-05-2021 AT 10 AM THROUGH ONLINE

The Board of Studies meeting was held on 18<sup>th</sup> May 2021 at 10 AM, through Google online staff room of the Department of Computer Science. The following members were present:

1. Dr.K. Mani, (University Representative)  
Associate Professor, Nehru Memorial College (Autonomous), Puthanampatti
2. Dr. C. Balakrishnan, (Subject Expert)  
Alagappa Institute of Skill Development, Alagappa University, Karaikudi
3. Mr. M. P. Tony Reagan, (Industry Expert)  
Systech Software & Networking Academy (P) Ltd, Tiruchirappalli
4. Mr. Jude Harris, Asian Paints, Mumbai (Alumni)
5. Mr A Charles
6. Dr D P Jeyapalan
7. Dr S Albert Rabara
8. Dr L Arockiam
9. Mr V S Joe Irudayaraj
10. Dr D Ravindran
11. Dr S Britto Ramesh Kumar
12. Dr A Aloysius
13. Dr V Jude Nirmal
14. Rev Dr S Arul Oli SJ
15. Dr. K R Martin
16. Dr K Maheshwaran
17. Dr A Jenifer Jothi Mary
18. Mrs Sherine Dominick
19. Mr J Rex
20. Mrs S Josephine Theresa
21. Mr C Mohanraja
22. Mr B Rex Cyril
23. Mr J Antony John Prabhu
24. Mr A Vimal Jerald
25. Mr Y Sunil RAj
26. Dr T Kokilavani
27. Mrs A Amalorpava Akila
28. Mrs A Beatrice Dorothy
29. Rev Dr S Santiago SJ

The meeting started with a silent prayer. Prof. A. Charles, Head of the Department welcomed the external experts as well as the Department staff members for the Board of Studies Meeting and requested the house to participate in the discussion. HoD invited Dr. D. Ravindran to present the patterns and the syllabi for MCA, Bridge Course, B.Sc. (CS) and Allied courses and also the Question Paper Pattern.

The Board members discussed and suggested the following:

*Signature*  
14/5/21  
A. CHARLES



## Department of Computer Science


St. Joseph's College (Autonomous)

Tiruchirappalli – 620 002

Course	Suggestions and Views Received	Action Taken
MCA	Include more mathematical courses like probability and statistics and Mathematical Foundations in Computer Science.	The course Mathematical Foundations is available in Semester II.
MCA	The courses Organizational behavior and Programming in Java may be swapped to have additional thrust for the language Java	Both the courses were swapped as per the suggestion.
MCA	AJAX concept may include in the course XML.	AJAX is included in the Distributed Technology Course.
B.Sc.,	In Sem. V, the courses DSE-1: Computer Networks and DSE-2: Digital Marketing may be swapped.	The courses were swapped.
B.Sc.,	In Digital Marketing course the Search Engine Optimization could be included.	Included as per the suggestion by the expert.
B.Sc.,	Add few more framework concepts in Python.	It would become heavier at the UG level, but the fast learners are provided with these frameworks and packages in the Value Added Course on Data Analytics.
B.Sc& MCA	The number of study books in each course may not exceed 2.	Only in few case it is more than two because of collection of multiple concepts in a single course

The Head of the department replied that all the possible suggestions could be accommodated in the curriculum. Finally, the Board approved the B.Sc.(CS), Allied, MCA and Bridge Course Patterns and the Syllabi along with the Question Paper Pattern. The meeting came to an end with the thanking note of the HoD at 11.10 AM.

.....

  
14/8/21  
CA. CHARLES

### Mandatory Bridge Courses for Non-Computer Science Stream Students

(Courses are fully internal & for 100 marks)

Sem	Course Code	Course	Course Title	Hrs	Cr	CIA	SE	Final
I	21PCA1BCC1	ADDL. Core I	C Programming	-	5	100	-	100
	21PCA1BCC2	ADDL. Core II	C Programming Lab	-	5	100	-	100
	<b>Total</b>			-	10			
II	21PCA2BCC3	ADDL. Core III	Web Design (HTML5, Java Script & CSS)	-	5	100	-	100
	21PCA2BCC4	ADDL. Core IV	Web Design (HTML5, Java Script & CSS) Lab	-	5	100	-	100
	<b>Total</b>			-	10			
III	21PCA3BCC5	ADDL. Core V	Web Graphics	-	5	100	-	100
	21PCA3BCC6	ADDL. Core VI	Web Graphics Lab	-	5	100	-	100
	<b>Total</b>				10			

*[Signature]*  
17/18/21  
(A-CHARLES)

### Minutes of the Board of Studies Meeting


The Board of Studies meeting of the Department of Data Science was held on **18-5-2021 (Tuesday)** at **2:00 p.m.** in the Google classroom to pass and ratify the University recommended 2020 M.Sc., (Data Science) syllabus which had been fit into the PG course pattern of St. Joseph's College (Autonomous), Trichy; to pass the 2021 LOCF based M.Sc., (Data Science) syllabus; to get the approval for the question paper pattern based on 2021 LOCF based M.Sc., (Data Science) syllabus as well as for the eligibility requirements for MSc (Data Science)

The following experts were present

- **Dr. H. Karamath Ali**, Associate Professor, (University Nominee)  
Department of Computer Science,  
Periyar E.V.R. College (Autonomous),  
Tiruchirappalli-620 023  
E-mail: hkaramath@yahoo.com  
Mobile: +919443628962
- **Dr. S. Dominic**, Associate Professor, (Subject Expert)  
Dept. of Computer Applications  
National Institute of Technology,  
Tiruchirappalli – 620 015.  
E-mail: dominic@nitt.edu  
Mobile: 9994904763
- **Dr. P. Anandkumar**, (Industry Expert)  
Director & Corporate Trainer,  
ROOT-IT Learning Centre II Floor,  
BKG Building, No.86, Madurai Road,  
Tiruchirappalli – 620 008.  
E-mail: root.anand@gmail.com  
Mobile: 9790636324

The following faculty members were present

- |                             |                                |
|-----------------------------|--------------------------------|
| 1. Dr. L. Arockiam          | Associate Professor & Head i/c |
| 2. Dr. V. Arul Kumar        | Assistant Professor            |
| 3. Dr. I. Priya Stella Mary | Assistant Professor            |
| 4. Dr. M. Kirushanth        | Assistant Professor            |

  
**HOD**  
Department of Data Science  
St. Joseph's College (Autonomous)  
Trichy - 620 002.

The meeting started with a silent prayer. The external experts and the department faculty members were welcomed by Dr. L. Arockiam for the Board of Studies Meeting. He also explained that the M.Sc (Data Science) syllabus was framed to meet the equivalence eligibility, to focus on placements; to fit into the PG course structure and to provide room for accommodating any developments in the form of value added courses.

### **2020 M.Sc., (Data Science) Syllabus**

The University recommended 2020 M.Sc., (Data Science) syllabus for various courses was presented for ratification. The external experts explored and approved the 2020 M.Sc., (Data Science) syllabus.

### **2021 LOCF based M.Sc., (Data Science) Syllabus**

The 2021 LOCF based M.Sc., (Data Science) syllabus for various courses was presented. The external experts gave the following suggestions

- **Dr. S. Dominic** suggested to remove the **Data Mining** course [Course code: **21PDS1AE01**] due to the repetition of data mining concepts in the **Machine Learning** course [Course Code :**21PDS2ES2A**]; emphasized the inclusion of **Operating System** course; suggested the inclusion of “*Basic Linear Algebra Concepts*”
- He also recommended to eliminate the repetition of topic “*Sampling Theory Concepts*” in **Statistical Computing** [Course Code: **21PDS1CC01**] and **Time Series and Sampling Theory** [Course Code: **21PDS3CC06**] courses.
- **Dr. P. Anandkumar** stressed the importance of offering **Object Oriented System Development** course [Course Code: **21PDS1ES1B**]; suggested to have **Python Programming** in semester I.
- Finally, he recommended to include the **Artificial Intelligence** course in semester I.
- **Dr. H. Karamath Ali** also emphasized the inclusion of **Operating System** course.



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**St. Joseph's College (Autonomous)**  
**Trichy - 620 002.**

### **Actions Taken**

In M.Sc Data Science, inclusions /amendments /eliminations were done in the following courses as per the suggestions/recommendations received from the external experts:


1. The **Data Mining** course [Course Code: 21PDS1AE01] is replaced with the new course namely **Artificial Intelligence** [Course Code: 21PDS1AE01] and “*Linear Algebra*” is included as a unit in it.
2. The **Operating System Concepts and Unix** and **Basic Python Programming** are included as the value added courses in Semester I.
3. It is decided to offer the **Object Oriented System Development** course [Course Code: 21PDS1ES1B] as the second elective, If the staff workload could be managed.
4. In the **Statistical Computing** course [Course Code: 21PDS1CC01], The “*Sampling Theory*” topic is replaced with the new topic “*Data Measurement, Collection and Classification; Skewness, Kurtosis and Moments*”.

### **Question Paper Pattern**

The following Question Paper pattern based on 2021 LOCF based M.Sc., (Data Science) syllabus was presented and approved by the external experts

**Table 1: A New Model for MID/END Test**

<b>FOR MID/END TEST</b>			
<b>DURATION: 2:00 Hours</b>			<b>Max Mark : 60</b>
<b>SECTIONS</b>	<b>K- LEVELS</b>	<b>TYPE</b>	<b>MARKS</b>
SECTION –A	K1	No choice	6 x 1 = 6
SECTION-B	K2	No choice	2 x 2 = 4
SECTION-C	K3, K4	Either /Or	4 x 5 = 20
SECTION-D	K5 ,K6	3 Out of 4	3 x 10 = 30
<b>Total</b>			<b>60</b>

  
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**Department of Data Science**  
**St. Joseph's College (Autonomous)**  
**Trichy - 620 002.**



**Table 2: A New Model for Semester Examination**

FOR SEMESTER EXAMINATION			
<b>DURATION: 3:00 Hours</b>			<b>Max Mark : 100</b>
SECTIONS	K- LEVELS	TYPE	MARKS
SECTION –A	K1	No choice	10 x1= 10
SECTION-B	K2	No choice	10 x 2 = 20
SECTION-C	K3, K4	Either /Or	5 x 4 = 20
SECTION-D	K5 ,K6	5 Out of 6	5 x 10 = 50
<b>Total</b>			<b>100</b>

**Table 3: Assessment Pattern for Courses in Part - IV of  
LOCF Syllabus (2021-22)**

S. No.	Course Title	CIA (Department)	Semester	Total Marks
1	Self-Paced Learning	25 + 25 = 50	50 Marks MCQ ( COE)	100
2	Comprehensive Examinations	25 +25 = 50	50 Marks (MCQ) ( COE)	100
3	SEC: SOFT SKILLS( For UG and PG)	100	(Fully Internal)	100
4	Internship (Three Weeks during summer vacation)	100	(Fully Internal)	100
5	Project	100	100	200
6	Ability Enhancement Course for PG (Refer Table 4 & 5 for Evaluation Pattern)	50	50	100

**Table 4: A New Model for AEC Internal Test**

FOR AEC INTERNAL TEST			
Type	K Levels	TYPE	Marks
Two Components (2x10)	K1-K6	Assignment/Seminar	20
Written Test *			30
<b>Total</b>			<b>50</b>
DETAILS FOR THE AEC WRITTEN TEST *			
<b>DURATION: 2:00 Hours</b>			<b>Max Mark : 50</b>
SECTIONS	K- LEVELS	TYPE	MARKS
SECTION –A	K1	No choice	2 x 1= 2
SECTION-B	K2	No choice	2 x 2 = 4
SECTION-C	K3, K4	Either /Or	2 x 4 = 8
SECTION-D	K5 ,K6	2 Out of 3	2 x 8 =16
<b>Total</b>			<b>30</b>

**Table 5: A New Model for AEC Semester Examination**

FOR SEMESTER EXAMINATION			
DURATION: 3:00 Hours			Max Mark : 50
SECTIONS	K- LEVELS	TYPE	MARKS
SECTION –A	K1	No choice	5 x 1 = 5
SECTION-B	K2	No choice	5 x 2 = 10
SECTION-C	K3, K4	Either /Or	5 x 4 = 20
SECTION-D	K5 ,K6	2 Out of 3	2 x 7.5 = 15
Total			50




**Eligibility Requirements for MSc (Data Science)**


The following eligibility requirements for the admission into M.Sc., (Data Science) Course were discussed and approved by the board members

- **B.Sc. (CS), B.Sc. (IT), BCA, B.Voc. (Software Development).**
- **B.E. / B.Tech. Degree in Computer Science, Information Technology.**
- **Any B.Sc. Degree with Mathematics / Statistics as allied subject.**

The meeting ended with a vote of thanks proposed by Dr. M. Kriushanth

- |                           |                                |
|---------------------------|--------------------------------|
| 1. Dr. H. Karamath Ali    | Associate Professor            |
| 2. Dr. S. Domnic          | Associate Professor            |
| 3. Dr. P. Anandkumar,     | Director & Corporate Trainer   |
| 4. Dr.L.Arockiam          | Associate Professor & Head I/C |
| 5. Dr.V.Arul Kumar        | Assistant Professor            |
| 6. Dr.I.Priya Stella Mary | Assistant Professor            |
| 7. Dr.Kirushanth          | Assistant Professor            |

  
V. Arul Kumar  
  


  
**HOD**  
Department of Data Science  
St. Joseph's College (Autonomous)  
Trichy - 620 002.

**DEPARTMENT OF INFORMATION TECHNOLOGY**  
**St.Joseph's College, Trichy -2**

**Minutes of the Board of Studies Meeting**  
**Conducted on 18-05-2021**

**1. List of Members Present**

**Experts List**

- 1.Dr.J.G.R Sathiyaseelan, Associate Professor & Head, Department of Computer Science, Bishop Heber College, Trichy -620 017 (**University Representative**)
2. Dr. A.Padma Priya, Associate Professor, Department of Computer Science, Alagappa University, Karaikudi- 630 003(**Subject Expert**)
- 3.Mr. A.Vijay Xavier,Product Integration Analyst, Edgeverve System Ltd., Bangalore -560 100.(**Industry Expert**)
- 4.Mr.J.Antony Regan, Cantonment, Trichy- 620 001(**Student Representative**)

S.No	Faculty List
1	Dr. P. Joseph Charles – Head of the Department
2	Mr. S. Hendry Leo Kanickam
3	Dr. George Gabriel Richard Roy
4	Dr. A. Antony Prakash
5	Dr. V. Maria Antoniate Martin
6	Dr. T. Lucia Agnes Beena
7	Mr. P. BastinThiyagaraj
8	Mr. C. Venish Raja
9	Ms. S. Thulasi Bharathi
10	Dr. R. Mangai Begum
11	Dr. A. Angel Preethi
12	Dr. D. Richard
13	Dr. I. Carol
14	Mr.S.Antony Joseph Raj



## 2. Minutes of the meeting

The meeting commenced at 10 AM with a silent prayer after the welcome address was given by Head of the Department Dr. P. Joseph Charles, all the members were present in the meeting.

## 3. Suggestion and views received and 4. Action Taken on suggestion has given programme wise for the following table:

### B.C.A – (Bachelor of Computer Applications)

Semester	Course Name	Suggestion and views received by the Experts	Action Taken on suggestion by the Department
III	C#.NET	C#.Net and ASP.Net can be combined. and one more paper can be offered.	Considering the requirements by the industry in the development of Windows based Application and Web Based Application, it was decided to retain both subjects
IV	SOFTWARE ENGINEERING	Software Testing can be included as a separate subject	No slot is available for new papers
V	WEB TECHNOLOGIES	JavaScript, JQuery Ajax can be added.	Due to timeconstraint the mentioned topics could not be added
V	DISCIPLINE SPECIFIC ELECTIVE 2: COMMUNICATION NETWORKS	Heading of Unit II was asked to modify as Multiplexing and Switching	As per the Textbooks, the headings have been modified.
		<b>General suggestions</b>	
		<ul style="list-style-type: none"><li>In Discipline Specific Elective, options can be provided.</li><li>Reference books can be updated to latest edition</li></ul>	<ul style="list-style-type: none"><li>No provision has been given to give options for Discipline Specific Elective.</li><li>Latest edition books are incorporated</li></ul>



### M.Sc Computer Science

Semester	Course Name	Suggestion and views received by the Experts	Action Taken on suggestion by the Department
I	<b>PRACTICAL - I: JAVA</b>	Servlets can be included as one of the Exercises.	Servlets has been included in the list of Exercises
I	<b>DISCIPLINE SPECIFIC ELECTIVE-1: (CORE ELECTIVE) DATA STRUCTURES AND ALGORITHM DESIGN METHODS</b>	Round Robin algorithm in Unit I can be shifted to Unit IV.	Since Round Robin algorithm is one of the applications of Circular Queue, it is appropriate to have it in Unit I
II	<b>SELF-PACED: COMPUTER NETWORKS</b>	Among the Seven Layers of the OSI Model, the missing layers are to be included in the Syllabus	Appropriate Contents are incorporated in the Syllabus.
III	<b>DISCIPLINE SPECIFIC ELECTIVE-4 (CORE ELECTIVE): ETHICAL HACKING</b>	Cyber Security or Network Security can be included instead of Ethical Hacking	As the students learnt the basic concept of Security in the UG level, Ethical Hacking is included in the curriculum.
		<b>General suggestions</b> <ul style="list-style-type: none"> <li>• Operating System and Software Engineering can be included</li> <li>• Recent Trends in the appropriate topic can be included in each Course</li> <li>• Number of Exercises in the Lab can be increased</li> <li>• Reference books can be updated to latest edition</li> </ul>	<ul style="list-style-type: none"> <li>• Students learnt these Courses in UG.</li> <li>• --</li> <li>• Considering the time frame only important exercises are included</li> <li>• Latest edition books are incorporated</li> </ul>

*[Signature]*

**PGDCSA**

<b>Semester</b>	<b>Course Name</b>	<b>Suggestion and views received by the Experts</b>	<b>Action Taken on suggestion by the Department</b>
I	<b>C PROGRAMMING</b>	Interchange the Courseorder C Programming and foundation of Computer science in the first semester.	Suggestions are incorporated.
I	<b>FOUNDATIONS OF COMPUTER SCIENCE</b>	Instead of Fundamentals of Information Technology and internet concepts database concepts included	First two units are digital fundamentals and last three units are databases concepts incorporated in the syllabus
II	<b>COMPUTER NETWORKS</b>	Among the Seven Layers of the OSI Model, the missing layers are to be included in the Syllabus	Appropriate Contents are incorporated in the Syllabus.
III	<b>MANAGEMENT INFORMATION SYSTEM</b>	syllabus must be diluted	Suggestions are incorporated

The meeting came to end at 11.45 AM with vote of thanks given by Mr.S.Hendry Leo Kanickam



**Department of Mathematics**  
**St. Joseph's College (Autonomous), Trichy -2**  
**Minutes of Board of Studies meeting held on 18. 05. 2021 at 10.00 a.m.**  
**through**  
**Google Meet**

Agenda:


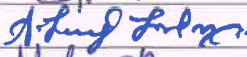


1. Discussion on New Syllabus for UG and PG courses

Members participated in the meeting:

1.	Dr. S. Somasundaram	Subject Expert
2.	Dr. S. Sethu Raman	University Representative
3.	Mr. Senthil Paramasivam	Industrial Expert
4.	Ms. X. Juliet Gokila	Alumni
5.	Dr. T. Rajaretnam	<i>T. Rajaretnam</i>
6.	Dr. M. Thiagarajan	<i>M. Thiagarajan</i>
7.	Dr. Y. Dominic	
8.	Dr. J. Umamaheswari	<i>J. Umamaheswari</i>
9.	Dr. A. Anthony Eldred	<i>A. Anthony Eldred</i>
10.	Dr. A. Praveen	<i>A. Praveen</i>
11.	Dr. J. Christy Roja	<i>J. Christy Roja</i>
12.	Dr. J. Maria Joseph	<i>J. Maria Joseph</i>
13.	Dr. J. Arockia Jeyakumar	<i>J. Arockia Jeyakumar</i>
14.	Dr. S. Ithaya Ezhil Manna	<i>S. Ithaya Ezhil Manna</i>
15.	Mr. V. Vairaperumal	<i>V. Vairaperumal</i>
16.	Dr. Geetha Sivaraman	<i>Geetha Sivaraman</i>
17.	Dr. J. Amalorpava Jerline	<i>J. Amalorpava Jerline</i>
18.	Dr. R. Lenin	<i>R. Lenin</i>
19.	Mr. S. Arul Gnanapragasam	<i>S. Arul Gnanapragasam</i>
20.	Dr. S. Sahaya Jernith	<i>S. Sahaya Jernith</i>
21.	Mr. J. Felix	<i>J. Felix</i>
22.	Dr. P. Lawrence Rozario Raj	<i>P. Lawrence Rozario Raj</i>
23.	Ms. J. Mercy Arokia Rani	<i>J. Mercy Arokia Rani</i>
24.	Mr. A. Arul Xavier	<i>A. Arul Xavier</i>
25.	Mr. P. Joyal Roy	<i>P. Joyal Roy</i>
26.	Ms. P. Julia Mary	<i>P. Julia Mary</i>
27.	Mr. J. Carmel Pushpa Raj	<i>J. Carmel Pushpa Raj</i>

*T. Rajaretnam*  
**DR. T. RAJARETNAM**  
M.Sc., M.Phil., PGDCA, M.Tech, Ph.D.,  
Associate Professor & Head  
Department of Mathematics  
St. Joseph's College (Autonomous)  
Tiruchirappalli - 620 002.



28.	Ms. D. Arockia Jaya Scclly	
29.	Dr. A. Jeny Jordon	
30.	Dr. P. Vishnukumar	
31.	Ms. P. Vithya	
32.	Ms. J. Jenifa	
33.	Ms. A. SHEELA	

Comments by External Subject Experts:

- Statistics papers included in the UG syllabus are very much related to Data Science so that it helps the students to choose variation in their PG course.
- In C programming on Numerical Methods, the idea of Pointers can be included.
- Major papers are arranged in perfect order and perfectly fitted on the appropriate semester.
- C++ programming in PG course is a very useful paper.
- In PG complex Analysis paper Poisson Formula and Schawarz's theorem can be removed from Unit V.
- Overall the syllabus of UG and PG is excellent.

  
Dr. T. Rajaretnam

Head of the Department

Department of Mathematics

St. Joseph's College(Autonomous)

Trichy-620002

  
**Dr. T. RAJARETNAM**  
M.Sc., M.Phil., PGDCA, M.Tech, Ph.D.,  
Associate Professor & Head  
Department of Mathematics  
St. Joseph's College (Autonomous)  
Tiruchirappalli - 620 002.



# MINUTES OF THE MEETING FROM BoS

No. of Local Members Present : 4

No. of Local Members Absent : 1

External Members Present : 3

External Members Absent : 1

Course Title	Suggestions and views received from External Members	Decision taken in the BoS	Action Taken
21UST13CC01 CORE – 1 Descriptive Statistics	i) Unit-II and unit-V may be revised.	i) Decided to revise the unit II – Presentation of Data ii) Unit V - Simple Regression. The topic curvi - linear regression may be removed.	i) Contents are reordered in Unit II ii) The topic curvi - linear regression is removed from Unit V
21UST13CP01 Practical - I Computers in Statistics- I	i) Title may be changed as Core Practical I (MS Office) ii) Some more Statistics problems such as Correlation, regression, index numbers, time series, fitting linear, Binomial, Poisson may be added. i) Course content is at very basic level. (School Level)	i) To retain the same title ii) To include problems on correlation and regression. Problems on other topics may be included in the next practical courses.	i) No change in the title. ii) Problems on correlation and regression are included in the list of experiments.
21UST13AC01 Allied: Office Automation	i) Course content is at very basic level. (School Level)	i) Only the Computer Science students would have learnt the basics.	i) No changes in the course content.
21UST23CP02 Practical – II Computers in Statistics-II	i) Title may be changed as Core Practical II (C-Programming) ii) Index number and Time Series problems may be added.	i) To retain the same title ii) To include problems on Index number and Time Series	i) No change in the title. ii) Problems on Index number and Time Series are included in the list of experiments.
21UST34SE01 SEC -1: (WD) Statistics for Competitive Examinations	i) First 3 units are exclusively Mathematics concepts. These 3 units must be replaced with Statistical concepts.	i) Decided to remove the Mathematics concepts and relevant Statistics concepts may be added.	i) Sampling methods and Statistical Inference topics are included.
21UST44SE02 SEC -2: (BS) Quantitative techniques .	i) Units-III, IV, V may be removed and OR techniques may be added as per the title	i) To change the title instead of removing the units.	i) Course title is renamed as Quantitative Methods.
21UST43CC07 CORE – 7 Estimation	i) Hours handling should be equal to all the units.	i) To distribute the hours equally to all the units.	i) Hours are distributed equally to all the units.

*Lily SJ*

Theory					
21UST43CC08 CORE-8 Testing of Hypothesis	i) Unit II, III, IV may be modified.	i) To modify the contents in the Units II, III and IV.	i) Required changes have been carried out in the Units II, III and IV.		
21UST43AO2A Allied II –Mathematics for Statistics - II	i) Unit-V may be removed and the remaining 4 unit concepts may be extended to 5 units.	i) After clarification, the units in the course are not changed.	i) No change in the content of the course.		
21UST53ES1A DSE -1: Decision Theory	i) The content is meant for 2 units only Title may be changed as Optimization techniques / OR	i) Two Operations Research courses already been included in the syllabus, it is decided to remove this course and one new course has been added.	i) Linear Models, Econometrics and Random Processes course is included.		
21UST53ES2A DSE -2: Optimization Techniques – I	i) Markov analysis May be shifted to Stochastic Processes ii) Game Theory may be added	i) To include Replacement Problem instead of Markov Analysis. ii) The title may be changed as Operations Research - I	i) In Unit V, Markov Analysis is replaced with Replacement Problem. ii) Changed the title as Operations Research - I		
21UST53ES2B DSE -2: Stochastic Processes	i) As Medhi, J.: Stochastic processes book is the study book, according to the sequence in the book, we may re-arrange the topics	i) The topics are given as per the sequence in the book given in the books for study.	i) No changes in the content.		
21UST54EG01 Generic Elective - I : Actuarial Statistics	i) Only the 5 <sup>th</sup> unit related to the title. 2 <sup>nd</sup> , 3 <sup>rd</sup> and 4 <sup>th</sup> units are demography/vital Statistics	i) This course is meant for students from other departments. For their understanding Vital Statistics concepts are included.	i) No changes in the course content.		
General Comment	i) Online readings may be added after Books for Reference to encourage the students to seek knowledge through easy mode of online resources ii) Concepts should be precise; not elaborate; repetition must be avoided iii) The content given in all the courses are generally good.		i) It is decided to give the online references during the class hours. ii) These points are well taken care of and it is being implemented.		

*Lilly J*

**Department of Statistics**  
**School of Computing Sciences**  
**St. Joseph's College (Autonomous)**  
**Tiruchirappalli - 620 002**

**Minutes of the Board of Studies Meeting**

The Board of Studies Meeting started with a silent prayer at 10.00am on 18.5.2021. Dr. Lilly George, Head , Department of Statistics, welcomed the board members who have attended the meeting in the Department of Statistics – Staff – Google Class Room(Google Meet). After she presented the proposed Course Structure, LOCF based Course Pattern and UG – Statistics syllabus to the forum for discussion. Also, the comments, views and suggestions given by the subject expert were taken for the discussion.

List of Members attended the meeting :

External Members	Attended
<b>Dr. T. Jaisankar, (University Representative)</b> Assistant Professor and Head, Department of Statistics, Bharathidasan University, Tiruchirappalli – 620 024	Yes
<b>Dr. S. Ravisankar, (Subject Expert)</b> Assistant Professor, Dept. of Statistics Govt. Arts College, Coimbatore - 641018	Yes
<b>Mr. S. Lawrence Joseph, (Industrial Expert)</b> Managing Director, Quantitative Research Consulting Pvt. Ltd. Ponmalaipatti, Trichy – 620 004	Yes
<b>Ms. S. Archana, ( Alumni Member)</b> Data Analyst – HCL, Chennai.	No
Internal Members	
<b>Dr. Lilly George,</b> Head & Assistant Professor.	Yes
<b>Dr. R. Vijayakumar,</b> Assistant Professor.	Yes
<b>Dr. J. Glorypersial,</b> Assistant Professor,	Yes
<b>Dr. T. Venkatesan,</b> Assistant Professor	Yes
<b>Dr. A. Philip Arokiadoss,</b> Assistant Professor.	No

After an elaborate discussion, alterations and modifications in the UG - Statistics syllabus have been carried out and it is listed in the following table. Also, the proposed Question paper pattern was presented for the approval of the board.

Finally, the Board members unanimously approved both the corrected UG - Statistics syllabus and Question paper pattern. The meeting came to an end at 3.45pm.

*Lilly SJ*

## QUESTION PAPER PATTERN (Four Tier) General Model

FOR SEMESTER EXAMINATION							
DURATION: 3. 00 Hours.			Max Mark : 100				
SECTIONS	K- LEVELS		K1	K2	K3	K4	Total Marks
SECTION –A (One Mark, no choice) Two questions from each unit (10x1 =10)			2	2	3	3	10
SECTION-B (2-Marks, no choice) Two questions from each unit (10x2=20)			4	4	6	6	20
SECTION-C (Either/or type) (5- Marks) One question from each unit (5x5=25)			5	5	15		25
SECTION-D (3 out of 5) (15 Marks) One question from each unit (3x15=45)			15		15	15	45
Total			37	63		100	

FOR MID/END TEST						
DURATION: 2. 00 Hours.			Max Mark : 60			
SECTIONS	K- LEVELS	K1	K2	K3	K4	Total Marks
SECTION -A (One Mark, No choice) ( 6 x 1 =6)		2	2	1	1	6
SECTION-B (2-Marks, No choice) (5x2=10)		2	4	2	2	10
SECTION-C (Either/or type) (5 - Marks) (4x5=20)		5	5	5	5	20
SECTION-D (3 out of 4) (8 - Marks) (3x8=24)		8		8	8	24
Total		28		16	16	60

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# Minutes of the Board of Studies

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18.05.2021

Platform : Google Meet

The Board of Studies Meeting was held on 18.05.2021 at 10AM on Google Meet. The meeting began with a silent prayer. The head of the department welcomed the University Representative, Dr. D. E. Benet, Associate Professor of English, National College(Autonomous), Trichy, the subject expert, Dr. J. John Sekar, Associate Professor, The American College, Madurai, Expert from Industry , Mr. W. Jesuraj, Proprietor, American Pharma and Science, Trichy, Alumni Representative , Mr. R.Anbuselvam, B.T. Asst. English, Sri Vivekananda Vidhyavanam High School, Thirupparaithurai and all the staff members from both Shift I and Shift II. After a brief introduction by the Head and the experts, the staff members presented the syllabus for suggestions.

Following were the suggestions offered by Experts on UG English programme:

1. In *English Literary Forms & Terms*, Dr.Benet suggested that in addition to origin of Drama, the various forms of plays evolved can be included.
2. In *History of English Literature*, Dr.Benet suggested including literature written in the 20th century and after. He also suggested a book titled *Routledge History of English Literature* to incorporate chapters on 20th century literature.
3. Dr.J.John Sekar pointed out the number of hours for *General English* exceeded the fixed hours and change should be made.
4. In *Neoclassical Literature*, Dr.J.John Sekar suggested including anthologies under books for study instead of mentioning individual works. Dr.Benet also suggested replacing Jonathan Swift's novel to one of the gothic novels.
5. In *Romantic Literature*, Dr.Benet mentioned that the prescribed Shelley's drama was closet drama and he recommended either prose pieces or novels can be included.
6. In *Diasporic Literature*, Dr.Benet asked to ensure if the writers prescribed are diasporic writers.
7. Dr.Benet recommended that texts related to nonsense verse can be included in *Creative Writing - Writing Poetry*.
8. In *Victorian Literature*, the experts felt Unit V was heavy and therefore suggested removing one novel from the unit.
9. In *Contemporary British literature*, Dr.Benet felt Tom Stoppard's *Arcadia* will be difficult for UG students and recommended to include a different work.
10. Dr. J. John Sekar suggested including a couple of units for practice in *News Reporting & Editing* and units for Reporting in other media.
11. Dr.Benet suggested that few Tamil films can be included under movies to watch in *Film Studies*.
12. Dr.Benet made a suggestion to remove one novel and include one more drama by modern playwrights in *American Literature*.
13. Dr.Benet suggested that new critics can be included in *History of Literary Criticism* since the concepts are repeated in a separate paper on T.S.Eliot and there was no scope for introducing the new critics except T.S.Eliot.
14. Mr. Anbu Selvan suggested that students should be engaged in practical sessions for *English Language Teaching Theory and Practice*.

  
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15. Dr. Benet suggested that one of the "Four Quarters" can be included in the paper titled *An Intensive Study of an author : T.S.Eliot*

16. Dr. J. John Sekar made a suggestion to replace the title *English for Media Studies* as *English for the Media*.

Following were the suggestions offered by Experts on PG English programme:

1. Experts felt that there were repetitions of literary works from UG programmes in British Literature. Based on their suggestions, Dr. Francis explained that only 20 percent of our own students continue to study M.A in our college and also the classical works cannot be neglected. Therefore, repetitions cannot be avoided.
2. In *Indian Writing in English*, Dr. J. John Sekar suggested including one of the recent novels by writers like Amitav Ghosh instead of one novel by early writer.
3. In *Introduction to Literary Theories*, Dr.Benet suggested that the theories in each unit can be categorized and theories like Posthumanism, Feminism and Critical Race theory can be incorporated.
4. In *Self-Paced: Shakespeare*, Dr.Benet made a suggestion to replace a tragedy with one of the tragicomedies of Shakespeare.
5. Dr.John Sekar suggested changing the title of the paper *Indian Literatures translated into English* as *Indian Literatures in Translation*. Dr.Benet suggested adding translated short stories of Mahasweta Devi and other Malayalam writers.
6. In *Comparative Literature and Translation Studies*, experts suggested including a unit concentrating on comparison of Literature and Art forms.
7. In *Gender Studies*, Dr.Benet recommended topics like Gender and Language in the introduction and suggested books for the same.
8. Dr.John Sekar suggested changing the title of *Postmodern Studies* as *Postmodernist Literature* to be specific and relevant to the contents of the units. Dr.Benet suggested including Salman Rushdie' s *Midnight's Children* instead of *One Flew Over the Cuckoo's Nest*
9. In *Postcolonial Literatures*, Dr.Benet suggested that an Australian or Canadian novel can be included to replace Salman Rushdie's novel.
10. Dr.Benet recommended changing the title of *Western Aesthetics* as *Aesthetic Studies / Aesthetics* and Dr.John Sekar suggested that one unit on Indian Aesthetics/ oriental aesthetics should be incorporated with this new title.
11. In *Research Methodology*, experts suggested books and manuals to be included under Books for Study.
12. Dr.Benet suggested a practice that was followed by Bharathidasan University and other institutions where descriptive questions are included for *English for Competitive Examinations* so that Students will not find it difficult to score.

After the presentation of individual papers , the head of the department invited the experts to give their overall feedback of the syllabus. Dr.Benet mentioned that the syllabus was need-based and student-centred. It was also unique in nature. He also suggested getting ready with online lecture for each paper in future. Dr. J. John Sekar appreciated the cooperative effort amidst the challenges of the tedious task of syllabus revision and thanked everyone. Mr. Jesuraj spelled out that the syllabus in future can concentrate more on employability skills and professional Communication. Mr. Anbu Selvan mentioned that the suggestions they placed as students, were implemented in the current syllabus and appreciated the collective effort. Finally, Dr. Jayapaul, the Head thanked the experts and the staff members for their time and support. The meeting came to an end at 1.30 p.m.



## **MINUTES OF BOARD OF STUDIES MEETING - DEPARTMENT OF FRENCH**

### **Students admitted from June 2021 onwards**

The Board of studies in French met on 18th May 2021 (Tuesday) at 10.00 A.M. through the online platform (Google meet link: <https://meet.google.com/yyf-paby-ryg>)

#### **I. The following members were present:**

- 1. Dr. T. PRIYA**  
Assistant Professor & Coordinator  
Centre for French  
School of English and Foreign Languages  
Bharathidasan University  
Tiruchirappalli. - 620 024  
**Email ID:** priya.t@bdu.ac.in  
**Mobile no:** 9787733497

**UNIVERSITY NOMINEE**
  
- 2. Dr. C. THIRUMURUGAN**  
Associate Professor & Head  
Department of French,  
Pondicherry University  
Kalapet, Puducherry – 605 014  
**Email ID:** frenchmurgan@yahoo.co.in  
**Mobile no:** 9442787609

**SUBJECT EXPERT**
  
- 3. Dr. ABARNA ROY**  
Assistant Professor & Head  
Department of Foreign languages  
Loyola College (Autonomous)  
Chennai – 600034  
**Email ID:** abarnaroy@hotmail.com  
**Mobile no:** 9841202614

**INDUSTRIAL EXPERT**
  
- 4. Mr. S.KAVIN KINGSTON**  
I PG (English)  
St. Joseph's College (Autonomous)  
Tiruchirappalli - 620002  
**Email ID:** rnskavin@gmail.com  
**Mobile no:** 8870407315

**STUDENT REPRESENTATIVE**



5. **Ms. M. MOHANALAKSHMI**

Assistant Professor

Department of French

St. Joseph's College (Autonomous)

Tiruchirappalli - 620002

CHAIRPERSON

**II. MINUTES OF THE MEETING:**

The syllabi for Part – I French for the four semesters were discussed in detailed manner. The question paper pattern was also discussed. As per the agenda, the board has resolved to approve the syllabi for Part – I French along with the course pattern.

The meeting came to an end by 11.00 AM.


**III. SUGGESTIONS AND VIEWS RECEIVED:**

The members of the board found the syllabi up to the mark and satisfactory. They suggested concentrating on communication skills in the components and in the section D questioning type, instead of having translation from French to English they proposed to get simple English phrases into French.

**IV. ACTION TAKEN ON THE SUGGESTIONS:**

The suggestions given by the members of the board were taken in an affirmative sense and their views will be incorporated while setting the question paper and for the components for the students as certain of their opinions were already inculcated.

  
19/8/2021

  
14/8/21  
DEPARTMENT OF FRENCH,  
ST. JOSEPH'S COLLEGE (AUTONOMOUS)  
TIRUCHIRAPPALLI - 620002



## MINUTES OF BOARD OF STUDIES MEETING

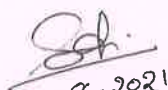
### DEPARTMENT OF HINDI

The Board of studies in Hindi met on 18<sup>th</sup> May 2021 (Tuesday) at 10.00 A.M. through Google Classroom.


The following members were present

1. **Prof. R. Vijayalakshmi (University Representative)** **PRESENT**  
Head, Department of Hindi,  
Cauvery College of Women  
Annamalai Nagar,  
Tiruchirappalli-620 018  
Mobile No.9585337214
2. **Prof. E Supriya (Subject Expert)** **PRESENT**  
Assistant Professor and Head,  
Department of Hindi,  
Fatima College (Autonomous)  
Madurai -625 018  
Mobile No.8848021650
3. **Mrs. M. Muthunachammai (Industrial Expert)** **PRESENT**  
Hindi Pracharak,  
M.S.P. Hindi Shikshalay,  
Tiruchirappalli – 620 018.  
Mobile No. 9842503745
4. **Dr. Sreedevi S. (Staff Member)** **PRESENT**  
Assistant Professor and Head,  
Department of Hindi,  
St. Joseph's College (Autonomous)  
Tiruchirappalli-620 002.  
Mobile No.9495243814
4. **Mr. H.Sagaya Benedict (Student Representative)** **PRESENT**  
MBA Student,  
JIM,  
Tiruchirappalli-620 002.  
Mobile No. 9445376325

The entire syllabus covering all the four semesters were taken up in detailed manner.

  
14-8-2021

**Dr. S. Sreedevi, M.A., B.Ed., M.Phil., Ph.D., SET, SRF**  
Assistant Professor and Head  
Department of Hindi  
St. Joseph's College (Autonomous)  
Trichy - 620 002

  
19/8/2021

**Department of History**  
**St. Joseph's College (Autonomous)**  
**Tiruchirappalli**

**Minutes of Board of Studies Meeting held on 18.05.2021**


Board of Studies meeting was held at Department Google Classroom at 10.00 am on 18<sup>th</sup> May, 2021 through online mode. The meeting began at 10.15 am to discuss UG History Syllabus 2021. The meeting was inaugurated by Dr. K. Lingammal, Head (i/c) with a prayer. She welcomed the panel members of BoS i.e. University Representative, Subject Expert, Industrial Expert and Student Representative and internal members for the meeting. Then Dr K. Lingammal requested Dr. S. Manikandan to present UG History Syllabus 2021 to the panel members for discussion.

Dr. S. Manikandan started presenting the syllabus by giving an introduction to the revised syllabus and exploring the idea followed to revise and update the UG History Syllabus 2021. He explained that the present syllabus was revised based on Learning Outcome Based Curriculum Framework (LOCF) proposed by UGC. Beside he assured that the revised syllabus would have importance of local, regional, national and international history and the revised syllabus would fulfill the expectations of the students who try for higher education, interested in Competitive exams and would be qualified for job opportunities available in tourism industry, record offices and museums particularly.

At first Dr. S. Manikandan presented Programme Outcome and Programme Specific Outcome of the Department. He sought the panel members for suggestions after presenting Course Outcome and content of each paper. He completed his presentation by 12.50 pm. The experts shared their views on revised syllabus and gave their valuable suggestions. They congratulated the department for hard work rendered by faculty members of the Department of History to prepare a model syllabus and they appreciated for introducing 13 new subjects for fulfilling the needs of the next generation. They expressed their satisfaction on the UG History Syllabus 2021 which was prepared based on LOCF and they expressed their happiness on their participation in the Board of Studies meeting.

The following table gives details about the suggestions given by the panel members and action taken by the dept.

Sl. No.	Name of the Course	Expert's Suggestions	Action Taken	Remarks
1	Ancient History of India (upto 711AD) 21UHS13CC01	1.Suggested to place other term instead of Sanskritization in IV unit. 2. Asked to add Places of Mahajanapatha as map work.	Accepted to replace	-
2	Basics of History Learning 21UHS13CC01A	Suggested to include some more approaches in History	Explanation given that it was a basic course	Experts were happy
3	History of Tourism 21UHS13AC01	Suggested to remove Future and scope in the unit I which are repeating	Removed	-

  
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4	History of Tamil Nadu – II (1736 AD – 2016 AD) 21UHS23CC04	1. Asked to justify the giving importance of Muhammad Yusuf Khan. 2. Suggested to add Justice party and Tamil Nadu before 1947 3. Suggested to remove the term Tiger and Goat Politics in Unit V and to replace by other term.	1. Justification was given. 2. Removed and added the points which suggested by the experts	Experts accepted his justification
5	Modern History of India (1707 AD – 1947 AD) 21UHS33CC05	Suggested to remove Krishna Reddy from Book for study and to add some more books for study	Removed and added experts suggestion to include books for study	-
6	Select Civilizations of Ancient World 21UHS33CC06	Suggested to change the title Selected Civilization instead of Select.	Faculty members clarified it.	Experts accepted the view.
7	Basics of Archaeology 21UHS33SE01	1. Suggested to include Stratigraphy method. 2. suggested to add Important archaeological sites in India apart from Tamil Nadu	1. Faculty members justified that Harris Matrix, Archaeologist used the term Stratigraphy in Archaeological excavation, therefore no need to use separate term for stratigraphy. 2. Added	Experts accepted
8	Social and Cultural History of Tamil Nadu 21UHS43CC07	Suggested to remove Keeladi from Unit I ongoing excavation.	Accepted and made changes	-
9	History of Modern World 21UHS43CC08	Suggested to change Krishna Reddy book in Book for reference	Accepted to Change	-
10	Tourism Automation 21UHS43AO02A	Suggested to change Ways of Travel instead of Roadways, Railways in the unit II	Staff members clarified that while question paper setting it may create confusion.	Experts accepted
11	Historiography 21UHS53CC09	Experts suggested to order historians in Unit V based on chronological order	Accepted to change	-
12	Indian Polity and The Constitution 21UHS53CC10	1. Suggested to interchange the place of IV into Unit II place, Unit 2 into in the place of Unit 4. 2. suggested to replace the term Quazi Federal into Federal Setup	Changed and added.	-



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13	Indian Geography 21UHS53ES01A	Suggested to include Agriculture in Unit IV.	Included	-
14	Social and Cultural Movements in Modern India 21UHS63CC11	1. Suggested to add Bardoli Satyagraha movement. 2. suggested to remove one content from unit V.	1. Faculty members clarified that content of the course is too vast. It is not easy to complete numerous movements. 2. Removed	Experts accepted the view of staff members
15	Intellectual History of Modern India 21UHS63ES03A	1. Suggested to add Patel in Unit 1 and add Ayothidasar and Kumarappa in unit 2.	added	-
16	Archive Keeping 21UHS63ES04B	Suggested to add Roja Muthiah Library in Unit V.	added	-
17	Participatory Democracy 21UHS63SE04	Suggested to include State Election Commission in Unit IV and enquired about Confusing Candidate	Added and gave clarification about confusing candidates.	Experts accepted.
18	Intellectual Revivalism in Tamil Nadu 21UHS63EG02	1. Suggested to add Percival in unit I.	Included	-

Finally Dr. K. Lingammal proposed the vote of thanks. The meeting came to an end at 1.10 pm.

The following both internal and external members attended the meeting:


**External Members**

1. Dr. A. Akbar Hussain – University Representative  
Associate Professor and Head  
Department of History, Jamal Mohamad College, Tiruchirappalli.
2. Dr. Jeyakumari Gnanadeepam – Subject Expert  
Assistant Professor, Department of History, MAM College, Dindigul.
3. Dr. R. Ramachandran – Industrial Expert  
Advocate, Tiruchirappalli District Court, Tiruchirappalli.
4. Mr. P. Prasanna – Student Representative  
Ph.D. Research Scholar, Bharathidasan University, Tiruchirappalli.

**Internal Members**

1. Rev. Dr. M. Arockiasamy Xavier, SJ
2. Dr. S. Manikandan
3. Dr. K. Lingammal HOD (i/c)
4. Ms. T. Beatinal Amalorpava Mary
5. Dr. S. Santhanakkumar
6. Mr. S. Vadivel

 19/8/2021

  
12/08/2021

Department of Sanskrit  
St. Josephs College (Autonomous)  
Tiruchirappalli 620 002


UG SANSKRIT SYLLABUS PART – I  
MINUTES

The following members were present in the Board of Studies meeting held in Google classroom meet on **18-05-2021** (Tuesday) from 10 .00 a.m. – 11.00 a.m.

- 1) Dr. S. Usha, ( University Representative )  
Head and Associate Professor  
Department of Sanskrit  
Seethalakshmi Ramaswami College ( Autonomous )  
Tiruchirappalli  
Mail – [pnusha10@gmail.com](mailto:pnusha10@gmail.com) Ct : 0 9443863821
- 2) Dr.Latha Sreedhar ( Subject Expert )  
Assistant Professor of Sanskrit  
Department of Sanskrit  
Sri Sarada College for Women ( Autonomous )  
Salem – 16  
Mail – [gaargi71@gmail.com](mailto:gaargi71@gmail.com) Ct : 0 9865670892
- 3) Ghadadhar U Mehta  
Research Scholar  
Department of Botany  
Bharathidasan University  
Tiruchirappalli 24  
Mail – [ghadadharumehta@yahoo.com](mailto:ghadadharumehta@yahoo.com) Ct : 0 9629958509
- 4) Dr. M. S. Madhavachari ( Chairman )  
Head  
Department of Sanskrit  
St. Josephs College  
Tiruchirappalli – 2  
Mail – [madhavachari\\_sal@mail.sjctni.edu](mailto:madhavachari_sal@mail.sjctni.edu) Ct: 0 9487583913
- 5) Faculty members , Department of Sanskrit

Resolved to approve the syllabus of Part I Sanskrit of the Degree courses for all the four semesters after a thorough review of the portions prescribed.

  
19/5/2021

  
Dr. M.S. MADHAVACHARI, M.A., Ph.D.,  
Head, Department of Sanskrit  
St. Joseph's College (Autonomous)  
Tiruchirappalli - 620 002, Tamilnadu, India  
14/5/2021





பெயர்	கையொப்பம்
முனைவர் பொன். புஷ்பராஜ்	
முனைவர் ஞா. பெஸ்கி (துறைத்தலைவர்)	
முனைவர் ஆ.ஜோசப் சகாயராஜ்	
முனைவர் டே.வில்சன்	
முனைவர் ஜா. பெஞ்சமின் ஆரோன் டைட்டஸ்	
முனைவர் ஆ. இராஜாத்தி	
முனைவர் சி. ஷகிலாபானு	
முனைவர் ஆ. மரிய தனபால்	
முனைவர் சி. ஆரோக்கிய தனராஜ்	
திருமிகு சி. பாக்கிய செல்வரதி	
முனைவர் ரெ. நல்லமுத்து	
பேரா.தே. இன்பென்ட் ஜெபர்சன் ஜீசஸ்	
பேரா. ஆ. அடைக்கலராஜ்	
முனைவர் சு. சீனிவாசன்	
முனைவர் ம. தனலெட்சுமி	
முனைவர் இரா. முரளி கிருட்டினன்	
முனைவர் சு.அ.அன்னையப்பன்	
திருமிகு இ.யோகராஜ்	
முனைவர் இலா.சார்லஸ்	
முனைவர் போ.ஜான்சன்	
முனைவர் ஜா.சலேத்	
திருமிகு க.கலைப்பொன்னி	
திருமிகு மா.இராஜா	
முனைவர் ஜா.ஸ்டெல்லா மேரி	
திருமிகு கா.ஜான் கென்னடி	

பாடத்திட்ட வல்லுநர்குழுக்கூட்டம் 21-05-2021 அன்று முற்பகல் 11.00 மணிக்கு அமைதி இறைவேண்டலுடன் தொடங்கியது. தமிழாய்வுத் துறைத்தலைவர் முனைவர் ஞா.பெஸ்கி அனைவரையும் வரவேற்றார். 06.05.2021 அன்று கொரோனா தொற்றால் பாதிக்கப்பட்டு உயிரிழந்த துறைப்பேராசிரியர் முனைவர் செ.கென்னடி அவர்களுக்கு இரங்கல் தெரிவிக்கப்பட்டு இருநிமிட அஞ்சலி செலுத்தப்பட்டது. அதனைத் தொடர்ந்து துறைத்தலைவர் பாடத்திட்டக்குழுக் கூட்டத்தின் நோக்கத்தை எடுத்துரைத்ததோடு கற்றலின் பயன்சார் பாடத்திட்ட வடிவமைப்பு (LOCF) அடிப்படையில் இறுதிசெய்யப்பட்ட பட்டப்படிப்பின் பயன்கள் (Programme Outcomes) மற்றும் பாடப்பிரிவின் பயன்கள்





DSE-1: நடுவணரசுப் பணித்தேர்வுத்தமிழ்  
மாற்றமின்றித் தொடரும் தாள்கள்  
பருவம் -1

Core-2: தமிழ்மொழி வரலாறும் மொழியியலும்

Allied-1: பயன்முறை இலக்கணம்

பருவம் -2

Core-3: நன்னூல் -எழுத்து

(கோ.வில்வபதியின் நன்னூல்- காண்டிகையுரை பாடநூலாக மாற்றப்பெற்றுள்ளது)

Core-4: தமிழக வரலாறும் பண்பாடும்

பருவம் -3

Core-5: நம்பியகப்பொருள்

Core-6: நன்னூல்- சொல்

(கோ.வில்வபதியின் நன்னூல்-காண்டிகையுரை பாடநூலாக மாற்றப்பெற்றுள்ளது)

பருவம் -4

Core-7: யாப்பருங்கலக்காரிகை

Core-8: புறப்பொருள் வெண்பாமாலை

பருவம் -5

Core-10: தண்டியலங்காரம்

DSE-2: நாட்டுப்புறவியல் (அல்லது) ஒப்பிலக்கியம்

பருவம் -6

Core-12: செவ்வியல் தமிழ்

தொடர்ந்து பகுதியளவில் பொருண்மை மாற்றியமைக்கப்பெற்ற B.Voc. (Visual Communication, Software Development) ஆகிய துறைகளுக்கான மொழிப்பாடங்கள் (நான்கு பருவங்கள்), தமிழை மொழிப்பாடமாகக் கற்காத மாணவர்களுக்கான அடிப்படைத்தமிழ்-I, II, சிறப்புத்தமிழ் -I, II ஆகிய தாள்களின் பாடத்திட்டத்திற்கு ஒப்புதல் அளிக்கப்பெற்றது.

**வல்லுநர் குழுவினரின் கருத்துக்கள் (Feedback from Experts)**

முனைவர் நா.சிவாஜி கபிலன்

- தமிழகத்தின் பல்வேறு பல்கலைக்கழகங்கள், கல்லூரிகளில் தமிழ் இலக்கியத்திற்கான பாடத்திட்டம் உருவாக்கப்படும்போது முதன்முதலில் பார்வைக்கு எடுத்துக் கொள்ளப்படுவதாகத் தூய வளனார் தன்னாட்சிக் கல்லூரியின் பாடத்திட்டம் அமைந்துள்ளது.
- பொதுத்தமிழ்-I பாடத்திட்டத்தில் சிறுகதைத்தொகுப்பின் பெயர் இடம்பெறவில்லை. அதேபோல பொதுத்தமிழ்-III பாடத்திட்டத்தில் புதினத்தின் பெயர் இடம்பெறவில்லை.
- நிகழ்த்துக்கலை என்னும் தாளில் சு.சண்முகசுந்தரத்தின் நிகழ்த்துக்கலை, தேவார்துவின் நாட்டார் வழக்காற்றியல் சில அடிப்படைகள், இரா.வேலுச்சாமியின் கரகாட்டக்கலை, மு.இராமசாமியின் தோற்பாவைக் கூத்து ஆகிய நூல்கள் பார்வை நூல்களாக இணைக்கலாம்.
- அறஇலக்கியம் என்னும் தாளில் அலகு-1இல் இடம்பெற்றுள்ள சங்க இலக்கியப் பகுதிகளை நீக்கலாம்
- தூய வளனார் கல்லூரித் தமிழ்ப்பாடத்தில் 'தமிழ்ச்சான்றோர் வாழ்வும் பணியும்' என்கிற ஒரு பாடத்தை எதிர்காலத்தில் பாடத்திட்டத்தில் இணைக்கலாம்.

முனைவர் இரா. குறிஞ்சிவேந்தன்

- பக்தி இலக்கியம் என்னும் தாளில் சைவ, வைணவ இலக்கியங்கள் மட்டுமே இடம்பெற்றுள்ளன. பிற சமய இலக்கியங்களையும் இணைக்கலாம்.
- தொல்லியல் என்கிற பாடத்திட்டத்தை மாணவர்கள் கற்பதற்குத் துணைபுரியும் வகையில் தஞ்சைத் தமிழ்ப்பல்கலைக்கழக கல்வெட்டியல் மற்றும் தொல்லியல் துறையோடு இணைந்த செயல்பாடுகளை முன்னெடுக்கலாம்.

- சங்க இலக்கியத்தில் இடம்பெற்றுள்ள இரண்டு ஆற்றுப்படை நூல்களுள் ஒன்றை மட்டும் வைத்துக் கொண்டு வேறோர் இலக்கியத்தை மாணவர்களுக்கு அறிமுகப்படுத்தலாம்.
- எம்.ஏ.நு.மான்னின் மொழிபெயர்ப்புக்கவிதைகள் நூலை மொழிபெயர்ப்பியல் தாளில் பார்வை நூலாக இணைக்கலாம்

முனைவர் க.சிராஜதீன்

- கிறித்தவ, இசுலாமிய இலக்கியங்களைப் பாடத்திட்டத்தில் எதிர்காலத்தில் இணைக்க முயற்சிக்கலாம்

திரு. இரா.சுப்பிரமணியன்

- பக்தி இலக்கியங்கள் தாளில் சைவ, வைணவ இலக்கியங்களோடு அதனுடைய கோட்பாடுகளையும் இணைத்தால் தமிழ்நாடு அரசுப்பணியாளர் தேர்வாணையம் நடத்துகின்ற இந்துசமய அறநிலையத்துறைப்பணி வாய்ப்புகள் மாணவர்கள் எளிதில் கிட்டும்.
- அறஇலக்கியங்கள் என்னும் தாளில் திருக்குறள் அதிகாரங்களின் எண்ணிக்கையை இன்னும் அதிகப்படுத்தலாம்
- பயன்முறை இலக்கணத்தாள் ஒரு மதிப்பெண் தாளாகத் தொடர்வதே மாணவர்களின் எதிர்காலத்திற்கு பேருதவியாக அமையும். மாணவர்களின் நலன் கருதி இத்தாளுக்கு வினாவங்கி (Question Bank) உருவாக்கலாம்.

மேற்கொள்ளப்பெற்ற செயல்பாடுகள் (Action Taken)

வல்லுநர் குழுவினர் முன்வைத்த கருத்துகள் விவாதிக்கப்பெற்று கீழ்க்கண்ட செயல்பாடுகள் மேற்கொள்வதற்குப் பாடத்திட்டக்குழு ஒப்புதல் அளித்தது.

- பொதுத்தமிழ்-I பாடத்திட்டத்தில் நல்லாசிரியர் (தமிழாய்வுத்துறைத் தொகுப்பு, தூய வளனார் கல்லூரி, திருச்சிராப்பள்ளி-2) என்னும் சிறுகதைத்தொகுப்பு 2021-2022 கல்வியாண்டுக்குரிய சிறுகதையாக இடம்பெறுகிறது
- பொதுத்தமிழ்-III பாடத்திட்டத்தில் செந்தில்குமாரின் குடும்பஅட்டை (நியூ செஞ்சுரி புக் ஹவுஸ், சென்னை) என்னும் புதினம் 2021-2022 கல்வியாண்டுக்குரிய புதினமாக இடம்பெறுகிறது.
- நிகழ்த்துக்கலை என்னும் தாளில் க.சண்முகசுந்தரத்தின் நிகழ்த்துக்கலை, தேவார்துவின் நாட்டார் வழக்காற்றியல் சில அடிப்படைகள், இரா.வேலுச்சாமியின் கரகாட்டக்கலை, மு.இராமசாமியின் தோற்பாவைக் கூத்து ஆகிய நூல்கள் பார்வை நூல்களாக இணைக்கப்படுகின்றன.
- அறஇலக்கியம் என்னும் தாளில் அலகு-1இல் இடம்பெற்றுள்ள சங்க இலக்கியப் பகுதிகள் மாற்றமின்றி அப்படியே தொடர்கின்றன.
- பக்தி இயக்கம் என்னும் தமிழிலக்கிய மரபை மாணவர்கள் இதுவரை கற்காத குறைபாட்டைத் தவிர்க்கும்பொருட்டும், பிற சமய இலக்கியங்கள் காப்பியங்கள் என்னும் தாளில் ஏற்கனவே இடம்பெற்றுள்ளதாலும் பக்தி இலக்கியம் என்னும் தாளில் இடம்பெற்றுள்ள சைவ, வைணவ இலக்கியங்கள் மாற்றமின்றி அப்படியே இடம்பெறுகின்றன.
- தொல்லியல் என்கிற பாடத்திட்டத்தை மாணவர்கள் கற்பதற்குத் துணைபுரியும் வகையில் தஞ்சைத் தமிழ்ப்பல்கலைக்கழக கல்வெட்டியல் மற்றும் தொல்லியல் துறையோடு இணைந்த செயல்பாடுகள் மதிப்பீட்டு முறையிலும் பணியிடைப் பயிற்சியிலும் மேற்கொள்ளப்படும்.
- சங்க இலக்கியம் என்னும் தாளில் அலகு-5இல் இடம்பெற்ற திருமுருகாற்றுப்படை நீக்கப்பட்டு முல்லைப்பாட்டு இடம்பெறுகிறது.
- எம்.ஏ.நு.மான்னின் மொழிபெயர்ப்புக்கவிதைகள் நூல் மொழிபெயர்ப்பியல் தாளில் பார்வை நூலாக இணைக்கப்படுகிறது.
- கிறித்தவ இலக்கியங்கள், இசுலாமிய இலக்கியங்கள் ஆகிய தாள்கள் கற்பித்தல் சுமையின் பொருட்டுத் தற்போதைய பாடத்திட்டத்தில் இணைக்க இயலவில்லை. அடுத்த பாடத்திட்ட உருவாக்கத்தின்போது கவனத்தில் கொள்ளப்படும்



முனைவர் கு.பெஸ்கி,

எம்.ஏ.நு.மான்னின் மொழிபெயர்ப்புக்கவிதைகள் நூல் மொழிபெயர்ப்பியல் தாளில்

தமிழாய்வுத்துறைத் தலைவர்

தூய வளனார் தன்னாட்சிக் கல்லூரி


திருச்சிராப்பள்ளி-620 002.



- பக்தி இலக்கியங்கள் தாளில் சைவ, வைணவக் கோட்பாடுகளை இணைக்கும் பரிந்துரை அடுத்த பாடத்திட்ட உருவாக்கத்தின்போது கவனத்தில் கொள்ளப்படும்
- பொதுத்தமிழில் மாணவர்கள் திருக்குறளைக் கூடுதலாகக் கற்பதால் அறஇலக்கியங்கள் என்னும் தாளில் திருக்குறள் அதிகாரங்களின் எண்ணிக்கை மாற்றமின்றி அப்படியே தொடர்கின்றது.
- பயன்முறை இலக்கணத்தாள் ஒரு மதிப்பெண் தாளாகத் தொடரும். பொறுப்பாசிரியர்கள் இத்தாளுக்கான வினாவங்கியை உருவாக்குவது எனவும் முடிவுசெய்யப்பெற்றது.

## 2. வினாத்தாள் அமைப்புமுறை

கல்லூரி நிர்வாகத்தினால் வழங்கப்பெற்ற வெவ்வேறு வினாத்தாள் அமைப்புமுறைகளைத் துறைத்தலைவர் காட்சி வெளிப்பாடாகச் சமர்ப்பித்தார். அவற்றுள் முதல் வினாத்தாள் அமைப்புமுறைக்குப் பாடத்திட்டக்குழுவினர் ஒப்புதல் வழங்கினர்.

  
 முனைவர் டீர்.வெஸ்கி,  
 வந்தியத்தேவன் (முனைவர்) வந்தியத்தேவன் (முனைவர்) வந்தியத்தேவன் (முனைவர்)  
 தமிழாய்வுத்துறைத் தலைவர்  
 தூய வளனார் தன்னாட்சிக் கல்லூரி  
 திருச்சிராப்பள்ளி-620 002.

  
 19/8/2021

**PATTERN -1 (Four Tier) General Model**

FOR SEMESTER EXAMINATION							
DURATION: 3. 00 Hours.							Max
Mark : 100							
K- LEVELS	K1	K2	K3	K4	K5	K6	Total Marks
SECTIONS							
SECTION –A (One Mark, no choice) Two questions from each unit (10x1 =10)	1	1	3	3	1	1	10
SECTION-B (2-Marks, no choice) Two questions from each unit (10x2=20)	2	2	6	6	2	2	20
SECTION-C (Either/or type) (5- Marks) One question from each unit (5x5=25)	5	5	5	5	5		25
SECTION-D (3 out of 5) (15 Marks) One question from each unit (3x15=45)	15		15		15		45
Total	31		43		26		100

FOR MID/END SEMESTER TEST								
DURATION: 2. 00 Hours. : 100							Max Mark	
K- LEVELS	K1	K2	K3	K4	K5	K6	Total Marks	
SECTIONS								
SECTION –A (One Mark, No choice (6x 1 =6)	1	1	1	1	1	1	6	
SECTION-B (2-Marks, No choice) (5x2=10)	2	2	2	2	0	2	10	
SECTION-C (Either/or type) (5 - Marks) (4x5=20)	5		5	5	5		20	
SECTION-D (3 out of 4) (8 Marks) (3x8=24)	8		8		8		24	
Total	19		24		17		60	


போட்டித்தேர்வுகளுக்குத் துணைபுரியும் வகையில் பருவம்-1: பயன்முறை இலக்கணம் என்னும் தாள் மட்டும் ஒரு மதிப்பெண் வினாக்கள் அடங்கிய கொள்குறி வினாக்கள் (MCQ) அடங்கிய தேர்வாக நடத்துவதற்கும் ஒப்புதல் வழங்கப்பெற்றது.

**பயன்முறை இலக்கணம்**

FOR SEMESTER EXAMINATION							
DURATION: 3. 00 Hours.							Max
Mark : 100							
K- LEVELS	K1	K2	K3	K4	K5	K6	Total Marks
SECTIONS							
SECTION –A (MCQ) Twenty questions from each unit (100x1 =100)	15	15	25	25	20	---	100
Total	30		50		20		100

FOR MID/END SEMESTER TEST							
DURATION: 2. 00 Hours.						Max	
Mark : 100							
K- LEVELS	K1	K2	K3	K4	K5	K6	Total Marks
SECTIONS							
SECTION –A (One Mark, No choice) (60x 1 =60)	10	10	15	15	10	-	60
Total	20		30		10		60

மேற்கண்ட முடிவுகளைத் துறைத்தலைவர் தொகுத்தளித்த பின்னர் முனைவர் பொன்.புஷ்பராஜ் நன்றியுரை கூற, நண்பகல் 12.40 மணிக்குக் கூட்டம் நிறைவு பெற்றது.

  
 முனைவர் ஞா.வெஸ்கி,  
 எம்.டி.முது.எம்.டி.செயலகம், எம்.டி.வெஸ்கி, எம்.டி.செயலகம், எம்.டி.செயலகம்,  
 தமிழாய்வுத்துறைத் தலைவர்  
 தூய வளனார் தன்னாட்சிக் கல்லூரி  
 திருச்சிராப்பள்ளி-620 002.

**Department of Business Administration ,  
St. Joseph's College (Autonomous),  
Trichirappalli-620 002  
BOS MEETING MINUTES – 18.05.2021**

**List of Members Present :**

1. Dr. M. Babu, Associate Professor, Bharathidasan School of Managementt., Bharathidasan University, Tiruchirappalli – 620 024 (University Representative)
2. Dr. C. Jothi Baskara Mohan, Associate Professor, Dept. of Business Administration Thiagarajan College (Autonomous). – Subject Expert
3. Mr. Santhosh Kumar Subash Chandra Bose, Director of Nvron Life Science Limited, Coimbatore – Industry Expert
4. Mr. T. Ganesh Kumar , Team Member Operations, Gurdian India Private Limited, Chennai- Alumna
5. Mrs C.F. Octovia Antonoy Sessammal, Head, Dept. of Business Administration, St. Joseph's College, Trichy-620002.

Other Faculty members of the Department

6. Dr. B. Augustine Arockiaraj
7. Mr. S. Arputharaj
8. Mrs.S. Clemence Jenifer
9. Dr. P. Bastin Arockiaraj
10. Mrs.P.Premakumari
11. Mr.Rinaldo de David
12. Mr.Inigo Papu Vinodhan

**Minutes of the Meeting :**

The Board of Studies Meeting to discuss the Revised Draft Syllabus for the academic year 2020-2021 was held virtually on Tuesday 18<sup>th</sup> May 2021 through our Google Staff room , which commenced around 10.00 am. After a Formal Welcome extended to the University Representative , Subject Expert , Industry Expert, Alumna and all the faculty members by the Head of the Department Mrs .Octovia Antony Sessammal , the official presentation of the revised syllabus followed. The PO's , PSO's were outlined initially followed by the detailed description of each subject , CO's , the unit wise concepts covered and the Correlation between Cos and PSO's specifically. After thorough brain-storming and academic deliberations the following views were shared by the Experts:

The Subject Expert Dr. Jothi BaskaraMohan shared his high regard for our Institution and offered his appreciation that the revised syllabus has proven the undeniable academic quality by introduction of new subjects with updated and need of the hour concepts. However he suggested that more Alumni should come forward and contribute to their junior student fraternity by way of Guest Lectures with more practical orientation of what experiences they have gained, while Congratulating the Industry Expert Mr.Subash Chandra Bose for extending his fullest co-operation in signing an MOU with our Department towards offering Internships and Project Works for our students.

The University Representative Dr.Babu congratulated the entire team of Faculty members for having drafted a very comprehensive syllabus with very many subjects newly introduced, keeping in mind the overall professional development of budding management executives and entrepreneurs. Besides this, he suggested that, Value Added courses could be offered to the students with the choice of selecting according to their own areas of interests.

The Industry Expert and the Alumna also expressed their gratitude and positive reception for improvising the previous syllabus and introducing many updated subjects like Business Analytics, Digital and Social Media Marketing, Data Analysis in Excel, Global Supply Chain Management, Start-Ups and Small Business Management , NGO Management etc. and enhancing Communication Skills among management students with two exhaustive Business Communication Papers I and II. All the faculty members were actively participated in the discussion



**Prof. C. F. OCTOVIA ANTONY SESSAMMAL, MBA, M.Phil., NEI.**  
**Head & Assistant Professor**  
**Department of Business Administration**  
**St. Joseph's College (Autonomous),**  
**Tiruchirappalli - 620 002.**



Apart from the subject revision the experts were keen to understand how the Internship would be taken by our students, for which our HOD madam explained the present process and highlighted that both Project and Internship were compulsory for all students. They appreciated the initiative taken by the entire team of faculty members and recommended to work on Tie-up's with the alumni who are successful entrepreneurs and corporate executives to provide opportunity to their junior students in pursuing their Project work and Internship.

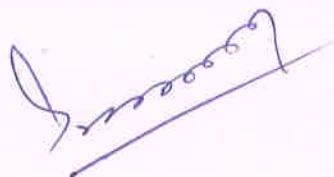
Finally, after both intensive and extensive discussions and deliberations by the Experts and faculty members in the Board, to promote qualitative and comprehensive syllabus revision, Dr. Augustine ArockiaRaj Proposed the Vote of Thanks, and the Meeting came to an end around 1.30 pm.

### **Suggestions and Views received:**

1. Introduction of a simple overview about Block-Chain Technologies and Artificial Intelligence to our students in order to enhance their knowledge development on trending concepts and employability skills.
2. Reference Books stated should be of Latest Edition, at least from the year 2015 onwards and the mention of Chapters covered by respective Text Book was not required.
3. With regard to selection of MOOC Course Students should not select the same course which should be already covered under syllabus
4. Alumni should contribute to the junior students by way of Guest Lecture and conduct workshops
5. The Subject Title to Business Data Analytics, instead of Business Data Analytics in Excel.
6. To include Health Care Management, which is gaining vital significance especially during this Corona Crisis period
7. To Use the word "Text Book" instead of "Book For Study" and remove the chapters mentioned since it might vary according to the year of edition.
8. Include the concept of Business Environment exclusively under Strategic Management
9. It was suggested that the Role of DIC (District Industries Centre) could be added under the subject "Start-Ups and Small Business Management".
10. The concepts covered under the Subject "Security Analysis and Portfolio Management was heavy overload for UG Level.

### **Actions taken on the Suggestions:**

1. Block chain technology and Artificial Intelligence to be included in the value added course in future.
2. Instructed our students to select the MOOC course which are not included in our Syllabus.
3. We are already utilizing our Alumni to conduct workshop, Guest Lectures etc and subsequently provide internship / project opportunities for our students
4. Latest edition updated for Book or study and Reference Books.
5. We retain the same Title Business Data Analysis using Excel.
6. Health Insurance added in Insurance Subject.
7. As per the instructions received from Our Dean we follow the uniformity Use the term Book for study only.
8. Business Environment topic added in the Strategic Management Subject.
9. Role of DIC added in the subject "Start-Ups and Small business management."
10. Reworked the Syllabus of "Security Analysis and Portfolio Management" to reduce inputs for students at Under Graduate Level.



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**PG & RESEARCH DEPARTMENT OF COMMERCE**  
**ST. JOSEPH'S COLLEGE (AUTONOMOUS), TIRUCHIRAPPALLI – 02**

**Minutes of Board of Studies Meeting**

The Board of Studies meeting of the Department of Commerce and B.Com Honours ACCA was held on 18<sup>th</sup> May 2021 at 10.00 AM on Online through Google Meet. The meeting was called to order by the Head of the Department Dr.F.R.Alexander Pravin Durai. Rev. Fr. Berchmans, SJ led the floor into prayer.

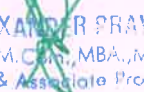
**Members Present:**

S.No	Name
1	<b>Chair Person:</b> Dr. F. R. Alexander Pravin Durai, Head of the Department
2	<b>External Member and University Nominee:</b> Dr. V. Pugazhenth, Associate Professor of Commerce and Controller of Examinations, Rajah Sharfoji Government College, Thanjavur.
3	<b>External Member and Subject Expert:</b> Dr.D.Raja Jeba Singh, Vice Principal (Shift II), St. Joseph's College of Commerce (Autonomous), Bangalore. 560 025, Karnataka.
4	<b>External Member and Alumni Representative</b> Mr. V. Harshan CA Aspirant (Cleared CA Inter Examination)
	<b>Internal Members:</b>
5	Dr. K. Alex, Associate Professor
6	Dr. G. John, Associate Professor
7	Prof. D. Maria Antony, Asst. Professor
8	Dr. V. Bastin Jerome, Asst. Professor
9	Dr. M. Antony Jesuraja, Asst. Professor
10	Dr. A. Francis Vijayakumar, Asst. Professor
11	Fr. M. Berchmans SJ, Asst. Professor
12	Dr. M. Julias Ceasar, Asst. Professor
13	Dr.Arockia Rajasekar, Asst. Professor
14	Dr. S.Aruldass, Asst. Professor
15	Dr. A. Sahayaraj Alexander, Asst. Professor
16	Dr. J. Vinoth Kumar, Asst. Professor
17	Dr. Dennis Edward Fernando, Asst. Professor
18	Prof. S. Kirubakaran, Asst. Professor
19	Dr. L. Georgia, Coordinator Shift II & Asst. Professor
20	Dr. S. Jerome, Asst. Professor
21	Mr.J. Camilton, Asst. Professor
22	Dr. S. Anitha, Asst. Professor (B.Com Honors)

**Agenda:** 1) Approval of Revised B. Com & M. Com Syllabus

2) Approval of B.Com Honours syllabus for 3<sup>rd</sup> and 4<sup>th</sup> Semester

The Head welcomed the members, introduced the external members and presented the Programme Outcomes, Programme Specific Outcomes and syllabus of B.Com, M.Com, B.Com Honours ACCA, allied courses offered to Department of Mathematics and Statistics and Value added courses

  
**Dr. F.R.ALEXANDER PRAVIN DURAI,**  
 M.Com, MBA, M.Phil., Ph.D.,  
 Head & Associate Professor  
 Department of Commerce  
 St. Joseph's College (Autonomous)  
 Tiruchirappalli-620 002.

External Members gave their feedback and suggestions which were incorporated in the revised syllabus.

**I: Courses newly introduced:**

**Programme: B.Com**

Semester	Nature of Course	Course Code	Name of the Course
III	SEC1	21UCO34SE01A	GST Filing
		21UCO34SE01B	Digital Marketing Skills
		21UCO34SE01C	Stock Trading
IV	Core	21UCO43CC09	Financial System and Services
	SEC2	21UCO44SE02A	Personal Finance Management
		21UCO44SE02B	Marketing Skills
		21UCO44SE02C	Event Planning and Management
V	CORE	21UCO53CC12	Business Valuation and Analysis
	DSE1	21UCO53ES1A	Advanced Financial Management
		21UCO53ES1C	Consumer Behaviour and Marketing Research
	DSE2	21UCO53ES2A	Financial Reporting and Analysis
		21UCO53ES2B	Labour Laws
		21UCO53ES2C	Advertisement and Sales Promotion
	Self-Paced	21UCO53SP01C	Commerce for Competitive Examination
	GE	21UCO54EG01C	Personal Investment Planning
VI	DSE3	21UCO63ES3A	Insurance Management
		21UCO63ES3B	Organisational Behaviour
	DSE4	21UCO63ES4A	Financial Analytics
		21UCO63ES4B	HR Analytics
		21UCO63ES4C	Marketing Analytics
	SEC	21UCO64SE04A	Digital Banking
		21UCO64SE04B	Relationship Marketing
	GE	21UCO64EG02A	Rural Marketing
		21UCO64EG02B	Entrepreneurship Development
		21UCO64EG02C	Digital Marketing

**Programme: M.Com**

Semester	Nature of Course	Course Code	Course Name
I	DSE-1	21PCO1ES01B	Digital Business and Marketing
	AEC	21PCO1AE01	Personal Financial Management
III	Core	21PCO3CC10	Behavioural Finance
	DSE-3	21PCO3ES03A	Goods and Services Tax
IV	Core	21PCO4CC11	Strategic Financial Management
	DSE-4	21PCO4ES04A	MSMEs and Entrepreneurship
		21PCO4ES04B	International Finance and Trade

**Courses Renamed with modifications and Replacements**

**Programme: B.Com**

Semester /Nature	Course Code	Course Named	Replaced courses
1 /Core	21UCO13CC02	Business Organisation and	1. Business Organisation

		Management	2. Business Management
1/ Allied	21UCO13AC01	Business Economics and Environment	1. Business Economics 2. Business Environment
2/ Core	21UCO23CC05	Tally Prime	Accounting Packages
3/ Core	21UCO33CC07	Business & Corporate Laws	1. Business Laws 2. Secretarial Practice
5/ Core	21UCO53CC10	Cost Accounting	1. Fundamentals of Cost Accounting 2. Costing Methods and Techniques
5/ Core	21UCO53CC11	Auditing & Corporate Governance	1. Auditing
5/DSE2	21UCO53ES2C	DSE-2: Advertisement and Sales Promotion	Salesmanship and Personnel Selling
5 /GE	21UCO54EG01 A	Computerised Accounting	1. Fundamentals of Accounting Packages
5 /GE	21UCO54EG01 B	Basics of Excel	1. Business Application of Spreadsheet

**Programme: M.Com**

Semester/ Nature	Course Code	Course Named	Replaced courses
3/Core	21PCO3CC09	<b>Practicals:</b> Advanced Computerised Accounting	Software Lab for Advanced Computerised Accounting
4/Core	21PCO4CC11	Strategic Financial Management	Advanced Financial Management
	21PCO4CC12	Business Ethics and CSR	Business Ethics
	21PCO4CC14	<b>Practicals:</b> Business Analytics	Software Lab for Business Analytics
4/DSE 4	21PCO4ES04B	<b>DSE-4:</b> International Finance and Trade	Export and Import Management
	21PCO4ES04A	<b>DSE-4:</b> MSMEs and Entrepreneurship	Entrepreneurship Development

### Courses Dropped

**Programme: B.Com**

1) Software Lab for Accounting Packages 2) Security Analysis 3) Information Technology 4) Computer Practical for Information Technology 5) Practical Advertising 6) Basic Accounting Practices 7) Business Correspondence

**Programme: M.Com**

1) Waste Management 2) Portfolio Management 3) Advertisement and Sales Promotion

All other courses were retained with modifications.

### Newly Introduced Value-Added Courses:

1) Basics of Excel and 2) Research methods and SPSS

**Programme: B.Com Honours ACCA:**

**Courses offered in the third Semester and fourth Semester for 2020 set:**

Semester	Nature of Course	Course Code	Name of the Course
III	Core	20UCR330207	Financial Reporting – I**
		20UCR330208	Basics of Cost Accounting**
		20UCR330209	Business Analytics
		20UCR330210	Summer Internship
	Allied	20UCR330403	Marketing
IV	Core	20UCR430211	Financial Reporting – II**



		20UCR430212	Financial Management-I**
		20UCR430213	Fundamentals of Marketing Analytics
	<b>Core Elective- I (WD)</b>	20UCR430301A	Modern Banking Theory (OR)
		20UCR430301B	Research Methodology
	<b>Allied</b>	20UCR430404	Business Management
<b>**ACCA Subjects</b>			

The board gave its approval for the revised syllabus of B.Com, M.Com, Value Added Courses and Allied Courses. It also approved 3<sup>rd</sup> and 4<sup>th</sup> semester syllabus of B.Com Honours ACCA Programme along with revised course code for B.Com Honours ACCA. Finally, the Head profusely thanked the external members for their constructive feedback and suggestions. The Head also placed on record his appreciation for the efforts of all the internal members and the syllabus revision committee in a special way for the thorough revision of syllabus.

### Suggestions and Action taken


#### *Programme: B.Com*

The following are the actions initiated by the Department of Commerce in connection with the suggestions and observation of the University Nominee and Subject Expert during the Board of Studies held on 18.05.2021:

1. As per the suggestion of the university nominee, all the 'Skill Enhancement Courses' offered by the department were upgraded with K5 cognitive level.
2. The concept of social media influence has been included in the course titled: SEC – 2: Marketing Skills following the insistence of the university nominee
3. Case Study Analysis is included in the course 'Auditing and Corporate Governance' as per the suggestion by the subject expert
4. As a response to the suggestion of the expert the course titled 'Accounting Software' is renamed as 'Tally Prime'.
5. GST Filing is changed as SEC offered to the students of Commerce Department
6. As suggested by the expert during the BoS, case study analysis has been included in the course 'Auditing and Corporate Governance'
7. Further, based on the observation by the university nominee 'recent trends and development' is included in all the 'Discipline Specific Electives'
8. The concept of 'Group Dynamics' was added in the course 'Organisational Behaviour' following the suggestion given by the subject expert
9. 'GST Filing', a course in semester – 6 has been shifted to the semester – 3 in order to offer the course for the Commerce students instead of the other department students.
10. The concept of 'social media marketing' has been included in the course GE-2: Digital marketing after the same suggested by the university nominee

#### *Programme: M.Com*

1. The course 'Research Methodology' was added with topics viz., 'Plagiarism and Code of Ethics' as suggested by the subject expert
2. The course entitled 'Advanced Financial Management' was replaced with 'Strategic Financial Management' in order to cover topics such as derivatives and its applications.



Dr. F.R.ALEXANDER PRAVIN DURAI,  
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**DEPARTMENT OF COMMERCE COMPUTER APPLICATION**  
**ST JOSEPH'S COLLEGE (AUTONOMOUS)**  
**TIRUCHIRAPPALLI – 620 002**  
**MINUTES OF THE BOARD OF STUDIES HELD ON 18<sup>TH</sup> MAY 2021**  
**THROUGH GOOGLE MEET**  
**MEMBERS PRESENT**

S.No.	NAME	
01.	<b>Dr. Kanmani Joan of Arch</b> (University Representative) Associate Professor K N Government College for Women (Autonomous) Thanjavur	A/C NO.30544692078 STATE BANK OF INDIA KARANTHATANGUDI IFSC Code:SBI0008178
02.	<b>Dr.Veilankani Joseph</b> (External Expert) Professor and Head Dept of youth Welfare studies Madurai Kamaragar University Madurai	A/C NO.2963101005937 CANARA BANK ANNA UNIVERSITY BIT campus branch IFSC Code:CNRB0002963
03.	<b>Mr. Jeniffer Arul Raj</b> (Industrial expert) Chartered Accountant CIMA DISA (ICAI) CONTONEMENT .TRICHY 620001	ABSENT
04.	<b>Miss. Sakthi Priya</b> (Almnus) Transaction processing new Associate Accenture Software Company Chennai	SAKTHI PRIYA GUNASEARAN A/C NO.50100380763522 HDFC Bank Maduravoyal Branch IFSC Code:HDFC0004842
05.	<b>Dr. J. Rajees</b> Head of the Department, Dept. of Commerce CA, SJC	Head and Convenor
06.	<b>Dr. D. John Prabakaran</b> Asst. Professor, Dept.of Commerce CA, SJC	Member
07.	<b>Dr. F.X. Virgin Fraga</b> Asst. Professor, Dept. of Commerce CA, SJC	Member
08.	<b>Dr. N. Maheswari</b> Asst. Professor, Dept. of Commerce CA, SJC	Member
09.	<b>Mr. J. Arputha Sahaya Raj</b> Asst. Professor, Dept. of Commerce CA, SJC	Member
10.	<b>Dr. R. Arul</b> Asst. Professor, Dept. of Commerce CA, SJC	Member



11.	<b>Ms. S. Punithavathi</b> Asst. Professor, Dept. of Commerce CA, SJC	Member
12	<b>Dr.B.Fathima mary</b> Asst. Professor, Dept. Commerce CA,SJC	Member

## MINUTES OF THE BOARD OF STUDIES HELD ON 18<sup>TH</sup> MAY 2021 PG DEPARTMENT OF COMMERCE CA

The department of Commerce CA has conducted Board of studies meeting through google meet on 18.05.2021 at 10am. The head of the department and all the staff members were present. The experts were **Dr. Velanganni Joseph** Associate Professor, Department of Youth welfare studies, Madurai Kamaraj University and **Dr. Kanmani**, Associate professor, Government Kundavai Nachiyar college for women, Thanjavur. **Ms. Sakthi Priya**, Alumnus, Associate in software company also participated in the discussion.

The meeting started with the prayer song led by Dr. D. John Prabakaran, Then Dr. J. Rajees, the Head of the department welcomed and introduced the External experts and all the staff members. Prof. J. Arputha Sahaya Raj displayed UG syllabus made the corrections given in the discussion and Dr. N. Maheswari presented the PG syllabus and made correction in the PG syllabus. Dr. F. X. Virgin Fraga prepared the over all minutes. The following are the points observed and suggested in the discussion.

### UG

1. Heading can be included in all subjects.

### 2. Financial Accounting: 21UCC13CC01

Unit IV – Hire purchase and installment can be added.

Unit V – Partnership can be taken.

Consignment and joint venture can be taken before IV unit.

### 3. Computer Application for Business: 21UCC13CC02

Unit II – Avoid IT in many places.

SIS (Abbreviation), Add word document.

Unit III – Add presentation of work sheet

Salary Bill, EB Bill Charts & Diagrams - Latest book can be added.

### 4. Business Environment: 21UCC13AC04

Unit I – Sustainable Development

(importance & features)

WTO guidelines, Fiscal and Monetary policy.

Modify II & III Unit.

### 5. Business accounting 21UCC23CC05

Unit I - Issue and redemption of shares.

Unit II - Company final accounts.

Unit III - Absorption, Amalgamation & External Reconstruction.

Unit IV - Holding company & liquidation

Unit V - Banking & Insurance Companies

Text Book Jain & Narang (vol & 2)

### 6. Modern Marketing 21UCC23AC08

- Unit I - Telemarketing (added)
- Unit II - Online marketing
- Unit II - Marketing mix & product mix
- Unit IV - Marketing of services
- Unit V - Data Base Marketing

**7. Management Accounting :21UCC33CC09**

Mention Year in the text book

**8. Appraisal and Assurance :21UCC43CC14**

Modify the topic as Advanced Auditing

**9. Practical banking in India: 21UCC44SE18**

Include RBI

**10. Cost Accounting:21UCC53CC19**

Material cost, LIFO, FIFO (added)

**11. E-Commence:21UCC53EG27**

Include Settlement

**12. Advertising and Sales Promotion Management21UCC63ES32**

Add Publicity

**13. TQM- Total Quality Management21UCC63EG36**

Include professional ethics.

Then PG syllabus revision was continued. The syllabus was presented by Dr. N. Maheshwari and the following suggestion were received from the experts.

**PG**

**1. Operations Research:21PCC1CC01**

Include simplest method

**2. Database systems :21PCC1CC03**

Include RDBMS

**3. Business Communication & Employability Skills21PCC1ES05**

Subjects should be removed and include core paper to strengthen the syllabus

**Action taken :**

ENTREPRENEURSHIP DEVELOPMENT has been included in the place of above course.

**4. Costing Accounting 21PCC2CC08**

The course title could be changes as Advanced costing Techniques.

-Add variance analysis and standard costing

**5. Python Programming21PCC2CC09**

-Little clarity needed

**6. Labour Legislation 21PCC2ES12**

-Conflict management could be added

**7. Computer application in business statistics 21P CC3CP15**

Reliability test could be added

**8. Big data analysis 21P CC3CC17**

-Data and using R (can be added)

Find out whether there is no repetition in UG and PG syllabus.

Then final suggestions were given by the experts and the Head of the department Dr J. Rajees assured the experts that all the points could be taken for inclusion in the syllabus. Also directed the staff members to make corrections and send them back. The discussion came to an end at 2.30pm.

**All the corrections were made and incorporated in the syllabus after the meeting.**



**DEPARTMENT OF COUNSELLING PSYCHOLOGY**

**Board of Studies Meeting held on May 18, 2021**

**External Members who participated:**

Dr. J. O. JerydaGnanajaneElijo, Ph.D.

Assistant Professor

Dept. of Social Work

Bharathidasan University

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Dr. G. MetildaBhuvaneswari, PhD

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**Members of the Department:**

Rev. Fr. Emmanuel Arockiam, S.J., Ph.D.

Dr. John Balaiah, Ph.D.

Rev. Fr. Richard Hiruthayaraj, S.J.



Fr. Emmanuel Arockiam, S.J.

### **Minutes of the Board of Studies Meeting held on May 18, 2021**

Owing to the Covid Lockdown, the meeting was held online through the Counselling Psychology Staff Classroom.

The meeting started with a prayer song played by Fr. Richard.

Fr. Emmanuel welcomed the members and asked them to introduce themselves. After the self-introduction of all the members, Fr. Emmanuel mentioned briefly about the Department of Counselling Psychology at St. Joseph's College, Trichy, and what happened during the past one year. he stated that

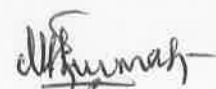
- the Dept. of Counselling Psychology was started at St. Joseph's College in 2020 and just one year is over after we started the M.A. Counselling Psychology;
- despite the Lockdown due to Covid-19, and despite the drawbacks of teaching online, intense teaching-learning has taken place;
- the focus of the program is twofold: Personal Development and Professional Development;
- the outcome of the program should be that students acquire knowledge, skills and the right attitude to bloom into efficient and ethical counsellors;
- the current students are motivated to learn;
- students go through personal counselling, for which during the last semester alone each student met the counsellors six times for understanding themselves
- during the Lockdown, the Dept. conducted two webinars on relevant themes – one International and another one – National; besides the presentations by external experts, all the students in the Dept. presented papers during both the webinars;
- during the second year of the program, the students will be doing their practicum for which they have a class called Supervision, during which they will integrate theory and practice, their own personality and their preferred approach;
- to the suggestion given by Dr. Jeryda that the Dept. should help out in counselling during this Covid Lockdown, Fr. Emmanuel thanked her for the suggestion and added that it is already being done online. He also stated that the students visited St. Joseph's College Hr. Sec. School and gave talks and did counselling to the students, and visited and conducted counselling thrice at the Alcohol Treatment camp conducted by JMAADD at Mullaikudy.

### **Suggestions Received**

The syllabus is well-prepared, quite packed, and the Electives are relevant. However, the course on Psychological Approaches to Counselling would be the core theoretical input, and therefore it would require a longer duration as theoretical input should be combined with practicing various theories. It could be taught as Psychological Approaches to Counselling I and II. The time table has to be reorganized accordingly. Fr. Richard explained that theory is taught with a demo, and the students practice and come back with the transcript of their counselling. Fr. Emmanuel added that one hour in the afternoon is allotted for practicing these approaches, and moreover, in Family Therapy, the students are reminded of various approaches to counselling.

In the subject, Foundations of Psychology, the Unit on The Five Senses could be included under Perception along with a separate Unit as Motivation and Emotions. Fr. Emmanuel clarified that on account of the Lockdown, the Unit on the Nervous System was omitted and the topic on Motivation was dealt with in detail.

In the Semester 2, in the course on Psychology of Human Development, the topic *Terminally Ill* should be included. Dr. John Balaiah explained that that topic is given as a case study.

  
Fr. Emmanuel Arockiam, S.S.

**Action Taken**

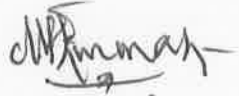
The suggestions given by the BoS members are relevant.

The syllabus is modified to include one more course on Psychological Approaches to Counselling as Paper I and Paper II.

In the Subject on the Foundations of Psychology, the unit on the Nervous System is merged with the first Unit on Introduction, the third unit is titled as Perception and the last unit is titled as Motivation and Emotions.

In the subject on the Psychology of Human Development, though the topic on the Terminally ill was actually dealt with as a case study, it is specifically mentioned in the syllabus.

The modified syllabus with new Paper Codes is finalized.

  
Fr. Emmanuel Arackiam, S. J.

**DEPARTMENT OF ECONOMICS**  
**BOARD OF STUDIES MEETING HELD ON 18.05.2021**

The Department of Economics, Board of Studies Meeting was held on 18<sup>th</sup> May 2021, Tuesday at 10.00 am through Department Google Classroom with the following agenda:

1. UG / PG Syllabi Revision
2. Any other matter


The following members attended the Board of Studies meeting:

1. Dr. N. Prasanna, Associate Professor, Department of Economics, Bharathidasan University, Tiruchirappalli - 620024. (University Expert)
2. Dr. S. Theenathayalan, Associate Professor & Head, Department of Economics, The Madura College (Autonomous), Madurai – 625011. (Subject Expert)
3. Mr. Niranchan, Proprietor, Gramiyam Super Market, Foods & Silks, Venkatachalapuram, Thuraiyur, Trichy – 621011. (Industrial Expert)
4. Mr. K. Sankaranarayanan, Assistant Professor, Department of Economics, Arul Anandar College (Autonomous), Karumathur, Madurai. (Alumnus)
5. Dr. G. Iruthayaraj, Head, Department of Economics, St. Joseph's College (Autonomous), Trichy.
6. Staff members, Department of Economics, St. Joseph's College (Autonomous), Trichy

The Meeting started with silent prayer followed by the address given by Dr. G. Iruthayaraj Head of the Department regarding the main focus of this meeting and welcomed the Board members. The meeting proceeded with the discussion on UG / PG syllabi revision. The discussions began with UG syllabus followed by PG syllabus with 13 UG new courses and 5 new PG courses which were presented by the Head of the Department and suggestions and modifications (corrections in syllabus and references) were recommended by the Board members in the following papers:

**UG Papers List**

1. Microeconomics I & II
2. Indian Economic Development I & II
3. Mathematical Methods in Economics I & II
4. Development Economics
5. Statistics for Economics I & II
6. Data Analysis for Economics
7. Economic Survey and Budget
8. Macroeconomics II
9. Labour Economics
10. Financial Economics
11. Money and Banking
12. Research Methods in Economics
13. Economics of Health and Education
14. Economics of Infrastructure
15. Environmental Economics
16. Principles of Political Economy
17. Principles of Economics
18. Public Finance

  
(Dr. G. IRUTHAYARAJ)  
HEAD, DEPT. OF ECONOMICS

19. International Economics
20. Economics of Gender Development

#### PG Papers List


1. Advanced Microeconomics-II
2. Statistical Tools for Economics
3. Monetary Economics
4. Agricultural Economics
5. Managerial Economics
6. International Economics
7. Research Methodology
8. Information Economics

After the discussions on courses, the Board members gave suggestions as follows:

1. As per Tamil Nadu State Council for Higher Education (TANSCHE) norms it is mandatory to have 140 credits for UG Programme and 90 credits for PG programme and also the department shall add extra credit courses which facilitate the students to earn more credits apart from the mandatory credits.
2. Each course should contain teaching hours not more than 6 hrs and not more than 6 credits.
3. To incorporate more optional courses as per CBCS norms.
4. To include recent updates in the courses
5. To encourage students to take up extra credit courses
6. To focus on practical application of theories
7. To give priority to internships, projects and field visits so that students can gain practical exposure
8. To encourage students to go for startups and incubations
9. Already there is a course on Research Methodology in the PG programme, so there is no need to have teaching hours (Hours-6) for the course Project. Project hours with credits shall be allotted to staff for guidance purpose only.
10. The course Allied – 2 (Optional) Basic Econometrics in semester IV, has been taken into semester – V. In that place the new course Entrepreneurial Development has been added. The courses History of Economic Thought – I and II merged as one course as History of Economic Thought and this course is placed in the VI semester.

The Board members also approved the question paper pattern-2 chosen by the Department and the meeting came to an end 4.30 pm with general discussions about the Department.

Question Pattern-2 (model quoted below for reference)

  
(Dr. G. IRVTHAYARAJ)  
HEAD, DEPT. OF ECONOMICS

## PATTERN -2

FOR SEMESTER EXAMINATION								
DURATION: 3. 00 Hours				Max Marks: 100				
K- LEVELS	K1	K2	K3	K4	K5	K6	Total Marks	
SECTIONS								
SECTION –A (One Mark, No choice) Two questions from each unit (10x1=10)	2	1	2	1	2	2	10	
SECTION-B (Either/or type) (6- Marks) One question from each unit (5x6=30)	6	6	6	6	6		30	
SECTION-C ( 4 out of 5) (15 Marks) One question from each unit (4x15=60)	15		15	15	15		60	
Total	30		45		25		100	

FOR MID/END TEST								
DURATION: 2. 00 Hours.				Max Marks: 60				
K- LEVELS	K1	K2	K3	K4	K5	K6	Total Marks	
SECTIONS								
SECTION –A (One Mark, No choice) (8x 1 = 8)	1	1	2	2	1	1	8	
SECTION-B (Either/or type) (4 - Marks) (4x4=16)	4		4	4	4		16	
SECTION-C (4 out of 5) (9 Marks) (4x9=36)	9		9	9	9		36	
Total	15		30		15		60	

*[Handwritten Signature]*

*[Handwritten Signature]*  
Dr. G. Iruthayaraj  
Head, Dept. of Economics

**PG & Research Department of Human Resource Management  
St. Joseph's College (Autonomous), Trichy-2**

**Minutes of the Board of Studies Meeting for Human Resource Management**

The Board of Studies Meeting for revising the PG syllabus of HRM was held on 18<sup>th</sup> May 2021 at 10.00 AM in the virtual HRM staff Room. The meeting started with a silent prayer. Later, Dr. J. Wilfred Angello Gerald, Head of the Department welcomed Rev Dr. K. Arockiam SJ, Director of SH hostel, SJC and the external members of the Board as well as the internal board members. The members present for the meeting are listed below;

**External Members invited & participated in the Board of Studies were;**

1. Dr. S. Anbazhagan, Professor & Head, Department of Life Long Learning, Bharathidasan University, Khajamalai Campus, Tiruchirappalli-23 (University Representative)
2. Dr. K. Selvavinayagam, Principal, Government Arts & Science College, Pennagaram, Dharmapuri District – 636 705 (Subject Expert)
3. Mr. S. Ramesh Kumar, Manager – HR, Egston Electronics (India) Pvt Ltd, Pudukkottai Main Road, Tiruchy- 620 007 (Industrial expert)
4. Mr. B. Karthikeyan, Sr. Executive -HR, The AkshayaPatra Foundation, Pondicherry (Alumni)

**Internal Members participated in the Board of Studies were;**

1. Dr. J. Wilfred Angelo Gerald, Head of the Department, Dept. of HRM, SJC, Tri-2
2. Rev Fr. K. Arockiam SJ, Director of SH hostel, Dept. of HRM, SJC, Tri-2
3. Dr. J. Michael Raj, Assistant Professor, Dept. of HRM, SJC, Tri-2
4. Prof. G. Louis Victor, Assistant Professor, Dept. of HRM, SJC, Tri-2
5. Dr. Y. Vijila, Assistant Professor, Dept. of HRM, SJC, Tri-2
6. Dr. J. Vincent Xavier, Assistant Professor, Dept. of HRM, SJC, Tri-2
7. Prof. Annie Jane C, Assistant Professor, Dept. of HRM, SJC, Tri-2

**Agenda for the Board of Studies Meeting**

Following are the areas discussed in the Board of Studies meeting;

- The changes or modifications to be carried out in the syllabus.
- Question Paper Model Selection

Dr. S. Anbazhagan (University Representative) expressed his opinion that the paper-Research Methodology can be shifted from semester II to semester III as it will help the students to remember the concepts while carrying out the project work in semester IV. It was also recommended by Dr. K. Selvavinayagam (subject expert). Similarly Dr. S. Anbazhagan expressed to use the term statistical application instead of SPSS in unit –IV as it refers to the brand of a company.

Mr. S. Ramesh Kumar and Mr. B. Karthikeyan insisted to include CTC (cost to the company) in the unit III of the paper-Compensation Management. They also referred, in the paper-Managing interpersonal effectiveness, warning letters to be included in unit V. The members proposed to include KPI (key performance indicator) and KRA (key result areas) in unit III of the paper – Performance Management. Similarly the concept licensing procedure could be included in unit III of the paper – Entrepreneurial development.

Mr. B. Karthikeyan expressed his view to replace 'Resource' into 'Capital' in the title of the paper – Human Resource Development & Planning. Dr. K. Selvavinayagam (subject expert) suggested to have a separate topic on the workers' awareness towards punishment imposed in the event of violating the said orders and rule in any of labour legislation related papers. Since this particular portion is part of The ID Act, 1948 in unit III of the paper- Industrial relation

*J. Wilfred Angelo Gerald*



management, members agree not to have a separate topic on workers' awareness towards punishment.

Finally Members insisted to include the concept –basics of Logical reasoning in unit III of the paper- Knowledge Management as it will help the students to clear competitive examinations successfully. Later, The selected question paper pattern-1 (Four Tier) General Model) for PG programme and the one framed by our department for AEC (Ability Enhancement Course) was also approved by the board.

Towards the conclusion of the meeting, Dr. S. Anbazhagan, (University Representative) appreciated our syllabus by saying “your syllabus is well crafted as per the UGC NET requirement and it covers even much more than that”. Finally Dr. J Michael Raj thanked all members presented in the board of studies. The Board of Studies meeting came to an end at 12.00 Noon.

The outcome of the meeting based on the discussions and the suggestions given by the members are tabulated below;

SEM	Course Code & Course title	Revised Course Code & Course title	Changes	
			Topics Removed	Topics Added
I	18PHR1201A Knowledge Management	21PHR1AEC1 AEC: Knowledge Management		Unit-3: Basics of Logical reasoning
II	18PHR2106 Industrial Relation & Collective Bargaining	21PHR2CC05 Industrial Relations Management		Unit-3: elaborate the ID Act, 1948
	18PHR2107 Research Methodology	21PHR2CC06 Research Methodology	This course is moved to Semester III	Unit- IV: the word SPSS is replaced by statistical applications.
	18PHR2202 Core Elective: (Within School) Managerial Effectiveness	21PHR3ES3B DSE –3: Managing Interpersonal Effectiveness		Unit V: warning letter
III	18PHR3112 Total Quality management	21PHR3CC09 Total Quality management	This course is moved to Semester II- in the place of Research Methodology	
	18PHR3203 Core Elective (Within School) Compensation	21PHR3ES3A DSE –3: Compensation Management		Unit 3: CTC (cost to the company)

J. Michael Raj





**Department of Chemistry**  
**St. Joseph's College (Autonomous)-Tiruchirappalli**  
**List of the Members Present**

1. Dr. S. Joseph Selvaraj

UG
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2. Dr. A. Paulraj
3. Dr. S. Dennis Arockiaraj
4. Dr. A.N. Paul Angelo
5. Dr. A. Rose Venis
6. Dr. A. IrudayaJothi
7. Dr. S. Antony Sakthi
8. Dr. A. Edwin Vasu
9. Dr. A.S. Stella Shalini
10. Dr. A. Simi
11. Dr. S. Britto
12. Mr. A. CerilJeoffrey
13. Mr. C. Rajarathinam
14. Dr. S. Mangalaraj
15. Dr. A. Leo Standly
16. Dr. A. ArunViveke
17. Dr. I. Arockiaraj
18. Mr. P. Arockiadoss
19. Dr. A. Josephine Kanimozhi
20. Dr. JK. Alphonsa Juliet Helina

**Department of Chemistry**  
**St. Joseph's College (Autonomous)-Tiruchirappalli**  
**Minutes of Board of Studies Meeting**

The board of studies meeting was held virtually through Google Meet on May 18, 2021, at 10 AM, the meeting started with a silent prayer. Dr. S. Joseph Selvaraj welcomed the gathering and introduced the subject experts and student member participated in the board of studies meeting. **Subject Expert 1:** Dr. Karvembu, Professor of Chemistry, National Institute of Technology, Tiruchirappalli.

**Subject Expert 2:** Dr. Saravanan, Associate Professor of Chemistry, National College(Autonomous), Tiruchirappalli.

**Industrial Expert:** Dr. Thiagarajan Saravanan, Regional manager, Metro-Ohm India Ltd.

**Student Representative:** Mr. X. Joe Sam, Research Scholar, Indian Institute of Technology, Kanpur.

The undergraduate, two value added course and post graduate syllabus was presented to all the members and they suggestions are given below.

\* - No Corrections suggested

*S. Joseph Selvaraj*  
16/8/21

Semester	Code	Course title	Comments by external members
I	21UCH13CC01	CORE-1 General Chemistry – I	Mr. Joe Sam suggested that in Unit I it should be mentioned as particle in a 1D box.
	21UCH13CC02	CORE-2 Organic Chemistry – I	Dr. Karvembu SN1 and SN2 reactions may be included
I and II	@	CORE @: Chemistry Practical-I	*
	@	CORE @: Chemistry Practical-II	*
II	21UCH23CC03	CORE-3: General Chemistry – II	*
I and II	21UCH23CP01	CORE-4: Chemistry Practical-I	*
	21UCH23CP02	CORE-5: Chemistry Practical-II	*
III	21UCH33CC04	CORE – 6: General Chemistry – III	*
	21UCH33CC05	CORE – 7: Organic Chemistry – II	Dr. Karvembu suggested that in unit-V the text should be corrected as Pd-mediated cross coupling.
III and IV	@	CORE – @: Chemistry Practical-III	*
III	21UPH33AC01 (For B.Sc. Physics)	ALLIED: CHEMISTRY-I	Mr. Joe Sam suggested that Birch reduction should be included in the method of preparation of alkenes. Dr. Paul Angelo and Dr. Karvembu suggested that Unit-IV could be replaced with topics like polymer chemistry.
III	21UCH34SE01A 21UCH34SE01B	SEC –1 Within Department (WD) 1A: Chemical Instrumentation – I 1B: Chemical Instrumentation – II	Dr. Karvembu suggested that Beer-Lambert's law could be incorporated in unit-I. Gas chromatography could be included in unit-V. Dr. Karvembu, and Dr. Saravanan suggested that the word instrumental separation should be removed from unit-IV.
IV	21UCH43CC06	CORE – 8: General Chemistry – IV	*
	21UCH43CC07	CORE – 9: General Chemistry – V	*
	21UCH43CP03	CORE – 10: Chemistry Practical – III	*
		ALLIED –2(Optional) Botany/Physics (Theory + Practicals)	*
	21UCH44SE02A 21UCH44SE02B	SEC –2 Between Schools 2A: Health Chemistry 2B: Industrial Chemistry	*
V	21UCH53CC08	CORE-11: Inorganic Chemistry – I	Dr. Karvembu suggested that MO theory should include $\delta$ and $\pi$ MO.
	@	CORE @: Chemistry Practical-4 Gravimetry and Organic Preparation	*
	@	CORE @: Chemistry Practical-5	*
	21UCH53ES01A 21UCH53ES01B	Discipline Specific Elective-1; 1A: Organic Spectroscopy 1B: Organic Synthesis And	Dr. Karvembu suggested that in organic spectroscopy, application of UV-Vis and IR spectroscopy may be

\* - No Corrections suggested

S. Joseph Selvaraj  
16/8/21

		Characterization	included. Block diagram may be included or removed from first three units.
	21UCH53ES02A 21UCH53ES02B	Discipline Specific Elective-2: 2A: Physical Chemistry I 2B: Physical Chemistry II	Dr. Karvembu suggested that in Physical Chemistry I, unit-III, the text could be corrected as Conc. Cells with and without transference In Physical Chemistry II specific methods of preparation of nanomaterials could be given.
V		Internship (3 weeks during summer holidays after IV semester)	*
	21UCH53SP01	Self-paced learning: Essentials of Chemistry	Dr. Karvembu suggested that in unit-V Oppenauer oxidation should be included.
	21UCH53FV01	Field study/ Industrial visit/ Case study	*
		SEC -3 Soft Skill	*
	21UCH54EG01A 21UCH54EG01B	Generic Elective (BS)-1 1A: Chemistry for Competitive Examinations 1B: Everyday Chemistry	Mr. Joe Sam suggested that in Chemistry for Competitive Examinations, in unit-V, Anticancer drugs may be included Dr. IrudayaJothi and Dr. Karvembu noted that contents of the health chemistry and everyday chemistry are similar and it should be modified.
VI	21UCH63CC09	CORE-12: Chemistry of Biomolecules	*
	21UCH63CP04	CORE-13: Chemistry Practical-4 Gravimetry and Organic Preparation	*
	21UCH63CP05	CORE-14: Chemistry Practical-5	*
	21UCH63ES03A 21UCH63ES03B	Discipline Specific Elective-3 3A: Inorganic Chemistry-II 3B: Inorganic Chemistry-III	*
	21UCH63ES04A 21UCH63ES04B	Discipline Specific Elective-4 4A: Physical Chemistry III 4B: Physical Chemistry IV	Dr. Paul Angelo and Dr. Karvembu suggested that in Physical Chemistry III, unit-III should be renamed as Adsorption and Catalysis.
	21UCH63PW01	Project Work	*
	21UCH63CE01	Comprehensive Exam	*
	21UCH64SE04A 21UCH64SE04B	SEC -4 Within School (WS) 4A: Trends In Chemistry 4B: Advances In Chemistry	*
VI	21UCH64EG02A 21UCH64EG02B	Generic Elective (BS)-2 2A: Food And Nutrition 2B: Waste Management	*

\* - No Corrections suggested

S. Joseph Saluog  
16/8/21

**Over all suggestions given by experts**

**Subject Expert 1: Dr. Karvembu**

He observed that the PG inorganic syllabus should be rearranged to start coordination chemistry in semester I and continue it in semester II with the inclusion of organometallic compounds, it would facilitate the students who appear for competitive examination like CSIR. He insisted that catalysis and reaction mechanism may be included in organometallic chemistry in semester II. He also suggested that elementary topics already dealt in UG should not be dealt again in detail PG as it would amount to repetition. Instead the focus should be given to advanced topics like inorganic spectroscopy. He noted that UG syllabus appears good in content hence may be carried on without much rearrangement.

**Subject Expert 2: Dr. Saravanan**

He noted that more recent reference books can be included in both UG and PG syllabus.

**Industrial Expert: Dr. Thiayagarajan Saravanan**

He observed that more industry oriented topics may be included in order equip students to face interviews with confidence.

**Student Representative: Mr. X. Joe Sam,**

He pointed that tautomerism (in imine bond) apart from keto-enol tautomerism and topics related to C-H activation may be included PG organic chemistry syllabus. In PG physical chemistry syllabus 2<sup>nd</sup> order perturbation may be included in perturbation theory.

The meeting concluded with a vote of thanks proposed by Dr. A.N. Paul Angelo, Dean of Physical Sciences, he thanked all the external members and faculty for their valuable suggestions.

  
19/8/21

S. Joe Sam Salun  
16/8/21

## DEPARTMENT OF ELECTRONICS

### MINUTES OF THE BOARD OF STUDIES MEETING –MAY2021

DATE: 18-05-2021

TIME: 03.00 pm

#### Board Members

1. Dr. B. Kanickairaj(Chairman)
2. Dr. S. Kalidass (University Representative)
3. Dr. John Bosco Balaguru (Academic Expert)
4. Mr. Sathyan kaliyamoorthy (Industrial Expert)
5. Mr. R. Gowshik (Student Representative)
6. Mr. A. Arputharaj (Member)
7. Mr. R. Charles Silvester Joe (Member)
8. Rev. Fr. J. John Wilson (Member)
9. Ms. V. Sivakamasundari (Member)
10. Ms. C. JosphineArockiamary (Member)
11. Dr. P. Subuthai (Member)
12. Mr. S. Issac Britto (Member)

All the board members were present.

The Board of Studies meeting started with a prayer rendered by Rev Fr. J. John Wilson. The Chairman of the board, Dr. B. Kanickairaj welcomed and introduced the external experts Dr. S. Kalidass (University Representative), Dr. John Bosco Balaguru (Academic Expert), Mr. Sathyan kaliyamoorthy (Industrial Expert) Mr. R. Gowshik (Student Representative) and other board members. Prof V. Sivakamasundari read out the minutes of the previous board meeting and it was passed. The Chairman of the board, Dr. B. Kanickairaj briefed all the UG papers and the board has discussed all the papers and gave consent as follows:

#### UG COURSE PATTERN

The Head of the Department, Dr. B. Kanickairaj presented the UG Course Pattern. Dr. S. Kalidass enquired how the credits were allotted. He further added that the credits for the major papers and practicals should have been increased (especially for the Sensors and Instrumentation and Power Electronics papers) and credits for the Allied papers should have been decreased. Dr. B. Kanickairaj explained the credit system offered in the college premises. Dr. John Bosco Balaguru accepted all the views of Dr. S. Kalidass on credit system. He suggested to reduce the 5 credits into 4 and 7 credits into 6 in the first two semesters and allot the same to the above-mentioned papers to increase their credits. Dr. B. Kanickairaj replied that all these credit systems have been given by the college and he would convey all these suggestions to the Dean/Academics. With all these fruitful discussions, the UG Course Pattern was passed by the board.

#### SEMESTER I

##### SEMICONDUCTOR THEORY AND ELECTRONIC DEVICES

Dr. John Bosco Balaguru suggested that the unit II can be changed as unit V so that the active components would be discussed in first four units and passive components would be discussed in the last unit. But Dr. S. Kalidass felt that the flow of the paper was well formed which would be beneficial to the first-year students to follow the subject easily and his opinion was accepted by all the board members and then the paper was passed.

  
HOD



## **SEMESTER II**

### **ELECTRIC CIRCUIT ANALYSIS**

Dr. John Bosco Balaguru appreciated the formation of the syllabus and Dr. S. Kalidass also accepted that and then the paper was passed by the board.

### **ELECTRONICS PRACTICAL - I**

Dr. John Bosco Balaguru suggested that ~~the~~ some of the experiments can be paired so as to accomplish them on allotted timing. The board accepted and passed the paper.

### **WORKSHOP PRACTICE - I**

Dr. S. Kalidass admired that the proposed workshop practice experiments would enhance the practical skills of the student fraternity and that would be beneficial to them in future industrial career. Dr. John Bosco Balaguru enquired about the toolkit supplied to the students for the workshop. Dr. B. Kanickairaj answered him that the students usually purchase the tool kit components by their own. With these views, the paper was passed.

## **SEMESTER III**

### **DIGITAL ELECTRONICS**

Dr. John Bosco Balaguru recommended to add Verilog HDL as unit V. Mr. Sathyan kaliyamoorthy asked whether it would be opt for Digital Electronics or not. Dr. John Bosco Balaguru explained him the need of digital design in industry and the associated placement opportunities. Mr. Sathyan kaliyamoorthy accepted his views and finally the paper was passed by the board.

### **ELECTRONIC CIRCUITS**

After the verification of non -repetition in any unit, the paper was passed by the board with good comments.

### **SOUND ENGINEERING**

Dr. S. Kalidass put a word that the paper was the interesting portion in the entire curriculum that pupil can enjoy technically. Dr. John Bosco Balaguru also accepted that it was like Value Added Course and thus the paper has been passed.

### **LAB EQUIPMENT MAINTENANCE AND SERVICING**

The paper was passed with no comments

## **SEMESTER IV**

### **LINEAR INTEGRATED CIRCUITS**

The paper was passed by the board with no comments

### **COMMUNICATION ELECTRONICS**

Dr. John Bosco Balaguru insisted to add some Digital communication concepts and the paper was passed

### **ELECTRONICS PRACTICAL - II**

The paper was passed by the board with no comments

### **PC ASSEMBLING AND SERVICING**

Dr. S. Kalidass enquired about the department of the students of this paper. The Head of the Department, Dr. B. Kanickairaj replied that the paper was for other department students. With no further comments, the paper was passed by the board.

  
HRD

## **SEMESTER V**

### **MICROPROCESSORS AND APPLICATIONS**

Dr. S. Kalidass felt that the formation of syllabus was heavy for the UG level. He also continued that anyway that will be fruitful to the question paper setter for asking questions in different dimensions. Dr. John Bosco Balaguru suggested to allot that paper to an experienced faculty to plan and complete the syllabus smoothly. Finally, the paper was passed.

### **SENSORS AND ELECTRONIC INSTRUMENTATION**

Dr. S. Kalidass and Dr. John Bosco Balaguru conveyed their opinion on increasing the credit allotted to the paper and the paper was passed by the board without any further modifications.

### **ELECTRONICS PRACTICAL - III**

The paper was passed by the board with no comments

### **MOBILE COMMUNICATION**

Discussion went on to change the name of the paper and finally decided by the board to keep the same title and so the paper was passed without any comments

### **MEDICAL ELECTRONICS**

The paper was passed by the board without any comments

### **C AND PYTHON PROGRAMMING**

The student representative Mr. R. Gowshik said that C and Python can be given as separate papers. Dr. B. Kanickairaj replied him that all the needed topics for both languages were covered carefully in the syllabus. Rev. Fr. John Wilson suggested that the Value-Added Courses on the same subject can be conducted in the UG first year itself. The board accepted and the paper was passed.

### **COMPUTER HARDWARE AND NETWORKS**

The Head of the Department, Dr. B. Kanickairaj explained that the paper was for our (internal) students and it was passed by the board without any comments

### **RF, MICROWAVE AND OPTO ELECTRONICS**

Dr. John Bosco Balaguru suggested to change the title of the paper like: RF, Microwave and Optical Communication and the paper was passed without any further comments.

### **PCB DESIGN AND FABRICATION**

The Head of the Department, Dr. B. Kanickairaj expressed the guidelines followed by the department for the self- paced courses. The paper was passed.

### **EVERYDAY ELECTRONICS**

The paper was passed by the board without any modifications

### **WIRELESS COMMUNICATION**

The Head of the Department, Dr. B. Kanickairaj informed the board that the paper can be selected by any Arts and Science student in the college and so the syllabus was formulated with basic concepts clearly. The board accepted and the paper was passed.

## **SEMESTER VI**

### **MICROCONTROLLERS AND EMBEDDED SYSTEM**

Dr. S. Kalidass felt that the paper was heavy for UG level. Dr. John Bosco Balaguru appreciated the syllabus. He said that some of the topics might have been rearranged. He further insisted that the paper should have been handled as complete practical paper. The board accepted all his points and the paper was passed

### **POWER ELECTRONICS**

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The paper was passed by the board without any comments

#### **ELECTRONICS PRACTICAL - IV**

The paper was passed by the board without any comments

#### **CONTROL SYSTEM**

Dr. S. Kalidass expressed his thought as the paper must be a regular and needed paper. With this point, the paper was passed by the board

#### **VIRTUAL INSTRUMENTATION**

The paper was passed by the board without any comments

#### **ROBOTICS AND INDUSTRIAL AUTOMATION**

The student representative Mr. R. Gowshik requested to add PLC in the paper. Dr. John Bosco Balaguru accepted his views and he insisted to add PLC in practical also. He further added that completion of the syllabus on time must have been ensured for this paper. The paper was then passed.

#### **DIGITAL IMAGE PROCESSING**

Dr. John Bosco Balaguru commented that it was a standard and well – organized paper. He requested the faculty member who would handle the paper, should take the basics of signals also. Then the paper was passed

#### **CONSUMER ELECTRONICS**

Dr. S. Kalidass insisted that some of the electrical gadgets like AC should have been removed and instead of that some Electronic gadgets like mobile phone/CCTV can be added. The board accepted all his views and so the paper has been passed.

#### **INDUSTRIAL ELECTRONICS**

The paper was passed by the board without any comments

#### **CCTV AND SMART SECURITY SYSTEMS**

Dr. S. Kalidass and Dr. John Bosco Balaguru jointly appreciated the formation of the paper. They suggested that the paper can be added as one of the core papers for our students. The paper was passed without any further clarifications

#### **ENTREPRENEURIAL ELECTRONICS**

The paper was passed by the board without any comments

The Head of the Department, Dr. B. Kanickairaj requested the external experts to consolidate their final views. Dr. S. Kalidass concluded that all the major papers should have been given with equal credits. Dr. John Bosco Balaguru consolidated that the Microprocessor and Microcontroller papers must have been handled as practical oriented papers. He felt that the Control System paper can be added with a text book authored by Johnson which would help to reduce the syllabus furtherly. He added that video lectures (authored by IIT professors) can be shown for certain papers.

Mr. Sathyan kaliyamoorthy concluded that PLC, Machine Learning and Artificial Intelligence can be added. He insisted to add Python and Embedded C experiments in laboratory sessions. Mr. R. Gowshik concluded that the syllabus was heavy for UG standard. He requested to add some of the communication protocols like SPI, UART and CAN in Microprocessor/Controller paper.

The external experts Dr. S. Kalidass (University Representative), Dr. John Bosco Balaguru (Academic Expert), Mr. Sathyan kaliyamoorthy (Industrial Expert) Mr. R. Gowshik (Student Representative) strongly recommended to revoke M.Sc Electronics which have been leaving a pave way to the candidates for the past twenty six years to be placed in top

  
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industries and accommodated themselves as successful entrepreneurs. They further left a note that M.Sc Electronics is being treated as Engineering degree and so helpful to the students to grab better jobs in industries. UG degree will not be sufficient for the students to get opportunities in Industries. The panel thus strongly recommended again to revoke M.Sc Electronics in order to light many lives.

✓ The board accepted all the suggestions carried out for the syllabus UG 2021. All the suggestions given by the panel members were noted and will be implemented. Finally, the Head of the department Dr. B. Kanickairaj proposed the vote of thanks to all the panel and the board members.

✓ Since the board accepted all the suggestions and hence implemented.

Dr. S. Kalidass  
University Representative

Dr. B. Kanickairaj  
Chairman

Dr. John Bosco Balaguru  
Subject Expert

Mr. Sathyan kaliyamoorthy (Industrial Expert)  
Mr. R. Gowshik (Student Representative)  
Mr. A. Arputharaj (Member)  
Mr. R. Charles Silvester Joe (Member)  
Rev. Fr. J. John Wilson (Member)  
Ms. V. Sivakamasundari (Member)  
Ms. C. JosphineArockiamary (Member)  
Dr. P. Subuthai (Member)  
Mr. S. Issac Britto (Member)


  
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**MEMBERS OF THE BOARD OF STUDIES MEETING IN PHYSICS HELD ON  
18.05.2021**

<b>S.No.</b>	<b>Name and Designation of the Member</b>
1	Dr. R. Raja Muhamed, Associate Professor of Physics, Jamal Mohamed College (Autonomous), Trichy. ( <b>University Representative</b> )
2	Dr. K. Marimuthu, Assistant Professor of Physics, Gandhigram Rural Institute, Gandhigram, Dindigul. ( <b>Subject Expert</b> )
3	Mr. J. Martin, IP Marketing and Distributions (P), St. Anne's complex, Convent Road, Melaputhur, Trichy. ( <b>Industrial Expert</b> )
4	Mr. R. Ramakrishnan, School of Physics, Nonlinear Dynamics Center, Bharathidasan University, Trichy. ( <b>Alumni of the department</b> )
	<b>Shift – I</b>
5	Dr. I. Arul Rayappan, Head & Associate Professor of Physics, St. Joseph's College (Autonomous), Trichy. (Chairman of the Board)
6	Dr. N. Ravi, Associate Professor of Physics, St. Joseph's College (Autonomous), Trichy.
7	Dr. S. Alfred Cecil Raj, Associate Professor of Physics, St. Joseph's College (Autonomous), Trichy.
8	Dr. I. Johnson, Associate Professor of Physics, St. Joseph's College (Autonomous), Trichy.
9	Mr. A. Patrick Prabhu, Associate Professor of Physics, St. Joseph's College (Autonomous), Trichy.
10	Dr. B. Kanickairaj, Associate Professor of Physics, St. Joseph's College (Autonomous), Trichy.
11	Dr. J. Charles, Assistant Professor of Physics, St. Joseph's College (Autonomous), Trichy.
12	Mr. S. Dominique, Assistant Professor of Physics, St. Joseph's College (Autonomous), Trichy.
13	Dr. P. Christuraj, Assistant Professor of Physics, St. Joseph's College (Autonomous), Trichy.
14	Dr. A. Maggie Dayana, Assistant Professor of Physics, St. Joseph's College (Autonomous), Trichy.
15	Dr. A. Leo Rajesh, Assistant Professor of Physics, St. Joseph's College (Autonomous), Trichy.
16	Dr. M. M. Armstrong Arasu, Assistant Professor of Physics, St. Joseph's College (Autonomous), Trichy.
17	Dr. A. J. Clement Lourduraj, Assistant Professor of Physics, St. Joseph's College (Autonomous), Trichy.
18	Dr. M. Antony Arockiaraj, Assistant Professor of Physics, St. Joseph's College (Autonomous), Trichy.
19	Dr. R. Jerald Vijay, Assistant Professor of Physics, St. Joseph's College (Autonomous), Trichy.
20	Dr. S. Dinakaran, Assistant Professor of Physics, St. Joseph's College (Autonomous), Trichy.
21	Dr. S. Anbarasu, Assistant Professor of Physics, St. Joseph's College (Autonomous), Trichy.
22	Dr. A. Antony Raj, Assistant Professor of Physics, St. Joseph's College (Autonomous), Trichy.
	<b>Shift – II</b>

  
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23	Mr. D. Joseph James Irudayaraj, Assistant Professor of Physics, St. Joseph's College (Autonomous), Trichy.
24	Dr. G. Samuel, Assistant Professor of Physics, St. Joseph's College (Autonomous), Trichy.
25	Dr. S. Lourduraj, Assistant Professor of Physics, St. Joseph's College (Autonomous), Trichy.
26	Mrs. F. Celin Hemalatha, Assistant Professor of Physics, St. Joseph's College (Autonomous), Trichy.
27	Mr. M. Francis, Assistant Professor of Physics, St. Joseph's College (Autonomous), Trichy.
28	Mr. P. Adal Arasu, Assistant Professor of Physics, St. Joseph's College (Autonomous), Trichy.
29	Mr. J. Ranjith Rajasekar, Assistant Professor of Physics, St. Joseph's College (Autonomous), Trichy.
30	Dr. M. Lawrence, Assistant Professor of Physics, St. Joseph's College (Autonomous), Trichy.
31	Dr. H. Joy Prabhu, Assistant Professor of Physics, St. Joseph's College (Autonomous), Trichy.
32	Dr. M. Dinesh Raja, Assistant Professor of Physics, St. Joseph's College (Autonomous), Trichy.
33	Mr. A. Anand, Assistant Professor of Physics, St. Joseph's College (Autonomous), Trichy.
34	Dr. A. Sinthiya, Assistant Professor of Physics, St. Joseph's College (Autonomous), Trichy.
35	Mrs. B. Mary Dayana, Assistant Professor of Physics, St. Joseph's College (Autonomous), Trichy.
36	Mr. G. Novin Sentra Roy, Assistant Professor of Physics, St. Joseph's College (Autonomous), Trichy.

### **MINUTES OF THE BOARD OF STUDIES MEETING IN PHYSICS HELD ON 18.05.2021**

The Board of Studies meeting of the Department of Physics was started at 10.00 am through the Google Classroom with the prayer by Mr. A. Patrick Prabhu. University Representative Dr. R. Raj Muhamed, Associate Professor of Physics, Jamal Mohamed College (Autonomous), Trichy, The Subject Expert, Dr. K. Marimuthu, Assistant Professor of Physics, Gandhigram Rural Institute, Gandhigram, Dindigul, Industrial Expert, Mr. J. Martin, IP Marketing and Distributions (P), St. Anne's complex, Convent Road, Melaputhur, Trichy, Alumni of the department Mr. R. Ramakrishnan, School of Physics, Nonlinear Dynamics Center, Bharathidasan University, Trichy and all the Faculty members of the Department except Mr. S. Dominique were present.

The Chairman of the Board, Dr. I. Arul Rayappan, HoD welcomed the External members and the faculty members of both Shift – I & Shift – II.


Dr. N. Ravi read out the minutes of the previous Board of Studies meeting which was held on 14<sup>th</sup> March 2020 and the same was passed.

#### **Agenda of the meeting:**

The Chairman briefed the agenda of the meeting.

To discuss and approve,

The course pattern of UG program and detailed syllabus

  
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1. The course pattern PG program and detailed syllabus
2. A new Question paper pattern based on LOCF proposed by the Department
3. Any other matter pertaining to BoS

#### **Agenda 1:**

The UG course pattern was presented and left for discussion.

University Representative Dr. R. Raj Muhamed mentioned that no credits were allotted for Physics Practical I&II in Semester I & III.

Dr. I. Arul Rayappan clarified that the practical examinations for Physics Practical I & II are conducted at the end of the year and the credits are given in the Semester II & IV respectively.

The Subject Expert, Dr. K. Marimuthu, gave two suggestions in UG course pattern

1. Place the Optics course in second year and the Electromagnetism course in third year with a justification that optics experiments are simple can be taught in UG I&II year.
2. In Discipline Specific Elective, DSE (A) for theoretical physics and DSE (B) for applied physics (Electronics). An option for students to study either theoretical physics or applied physics.

Dr. N.Ravi explained that higher number of Electromagnetism experiments are taught during first and second years as compared to Optics based experiments which makes the foundation for applied physics experiments in the third year with due weightage to Optics experiments.

Dr. S.Alfred Cecil Raj pointed out the course pattern was framed in accordance with DSE (A) for average learners and DSE (B) for fast learners. The same was acknowledged by Dr. J. Charles. Dr I. Arul Rayappan further clarified that, this UG course pattern is a balanced UG level foundation in both theoretical and applied physics.

The Subject Expert agreed the members' explanations.

Industrial expert suggested that the core course can be made more interesting among the students by specifying the field of opportunity in every course of study.


Dr I. Arul Rayappan clarified that the Course Outcomes in every course of the syllabus describes the opportunity and skills learnt in each course.

**With the above discussion and University Representative acceptance, the Board approved the UG Course Pattern without any correction.**

The syllabus of all courses in UG Physics and Allied courses for Mathematics, Chemistry, Computer science and Electronics were presented and left for discussion.

Following courses had discussion based on the suggestions.

- Core - 8 Thermal physics, the Subject Expert suggested to include Entropy in Unit 5 and applications of II law of thermodynamics. Also recommended to include the book, Heat and Thermodynamics by D.S. Mathur, Sultan Chand & Sons Educational publishers, New Delhi, Fifth Edition in Book for reference. Dr. A. J. Clement Lourduraj and Dr. Dinakaran course coordinators have accepted the suggestions and the same are included in the syllabus and passed.
- In Core – 9 Optics, the Subject Expert suggested to include interference, resolving power in the syllabus and the book for reference, Fundamentals of Optics – Khanna & Gulati, R. Chand & Co., 14<sup>th</sup> Edn., New Delhi.

  
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Dr. Maggie Dayana clarified that the topics are in the Unit III and Unit IV and Dr. S. Alfred Cecil raj insisted the book for study, Optics by Ajoy Ghatak, where the Photonics ideas are well explained and meeting the requirement of the syllabus.

Board accepted their views and approved the syllabus without any correction and inclusion.

- In DSE-2 (A) Classical Mechanics, the Subject Expert recommended to include Classical Mechanics by J.C.Upadhaya Himalaya Publishing House second revised edition, in book for reference.

Board accepted to include the book under Book for reference and approved the syllabus.

- In DSE-2 (B) Solid State Physics, the Subject Expert recommended to include Thermal properties: Specific heat capacity of solids and classical theory and the book Solid State Physics by S.O. Pillai, New Age International Publishers, 5<sup>th</sup> Edn (2002) in book for reference.

The members Dr. S. Alfred Cecil raj and Dr. Jerald Vijay clarified that the topics are in Unit II and Dr. I. Johnson accepted to include the book under book for reference.

Alumni Mr. Rama Krishnan recommended the book Solid State Physics by A.J. Dekker in Book for reference. Since the recommended book is in PG standard the Board was not able to accommodate the suggestion.

After a discussion, board accepted to include the book Solid State Physics by S.O. Pillai in Book for reference and the syllabus passed.

- In GE-1 (B) Renewable Energy Physics, The Subject Expert recommended the book Solar Energy Utilization by G.D Roy, in book for reference.

Board approved the syllabus by including the book under Book for reference

- In Allied physics-II paper for Mathematics and chemistry, the subject expert suggested that to include Kirchhoff's Law, parallel and series circuits and AC circuits. The Allied course syllabus coordinator Dr. N.Ravi clarified that with the discussion of the parent department the syllabus was framed and also mentioned that the topics are of Higher Secondary level.

The Subject Expert agreed the view of the members; the Board approved the syllabus without any correction.

**With the above discussion and University Representative acceptance, the Board approved the syllabus of all UG Courses with the inclusion of above suggestions.**

#### **Agenda 2:**

The PG course pattern was presented and left for discussion.

The Subject Expert, Dr. K. Marimuthu, suggested to split the Core paper Condensed Matter Physics as Condensed Matter Physics I and Condensed Matter Physics II.

Dr. N. Ravi explained that the course pattern and syllabus were framed as per LOCF which includes Core Courses, DSE, GE, AEC etc and no space to include one more course.

Dr. I. Arul Rayappan acknowledged that the Condensed Matter Physics is the base for research and it can be considered in future syllabus revision.

University Representative Dr. R. Raja Muhamed said the course pattern is meeting all the requirement of PG physics and a good course pattern.



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**With the above discussion and University Representative acceptance, the Board approved the PG Course Pattern without any correction.**

The syllabus of all courses in PG Physics were presented and left for discussion.

- The subject expert suggested to include the book under Book for reference.
  - ✓ In semester 1, Mathematical Physics, Mathematical Physics, P.K. Chattopadhyay, Wiley Eastern (1990)
  - ✓ In semester 2, Quantum Mechanics, Quantum Mechanics by Leonard I. Schiff, McGraw Hill (1968)
  - ✓ In semester 3, Electromagnetic Theory, Electromagnetic fields and waves, Second Edition, Paul Lorrain and Dale Corson, CBS Publishers & Distributors, New Delhi (1986),
  - ✓ In semester 4, Statistical Mechanics and Thermodynamics, Statistical Mechanics by B.K. Agarwal and Melvin Eisner, New Age International (P) Ltd, Third edition (2013)
  - ✓ In Nuclear physics paper, University Representative and Alumni suggested to include Nuclear physics by Devanadhan and D C Tayal
- The University Representative and Subject Expert mentioned the course title corrections in the PG course pattern and syllabus for DSE-3: Material Science to Materials Science

Board accepted to include the books under Book for reference of respective courses and title correction for the course DSE-3 as Materials Science.

**With the above discussion and University Representative acceptance, the Board approved the syllabus of all PG Course with the inclusion of suggestions.**

### **Agenda 3:**

A new Question paper pattern based on LOCF proposed by the Department

Dr. N. Ravi briefed the Three question patterns from Dean and also presented the proposed pattern of Physics Department with all aspects like cognitive domain levels and their corresponding weightage marks in percentage for both Semester and CIA (Mid & End Semesters). Also added the QP pattern was framed on the basis of 70% weightage of lower cognitive levels K1,K2&K3 for average learners and 30% weightage of higher cognitive levels K4,K5&K6 for fast learners. Explained K1 level questions in Section -A, K2 level questions in Section – B , K3 level Questions in Section – C and K4,K5,K6 level questions in Section – D.

### **Question paper pattern proposed from PHYSICS Department**

#### **Rationale:**

1. Unitisation is to be followed in the question papers for SEMESTER EXAM and MID&END Semester TESTS
2. Different Cognitive Levels (K1 to K6) should be weighed at different scales
3. The weightage for Lower Order Thinking (LOT –K1,K2,K3) could be 70%, as per our students' background
4. Examinations of fixed hour duration, first FOUR K Levels are to be given more weightage

#### **Background for our proposal**

- **Blooms Taxonomy is Hierarchical** – meaning that learning at the higher level requires that skills at a lower levels are already attained.
- Normally the **first four levels** (Learning Levels K1 to K4) are meant for fixed hour examinations (CIA & SE) while the **last three levels** (Learning Levels K4 to K6)

meant for Course Projects, Internship, etc. though which students' are assessed and attainment levels of the individual student and class have to compute.

- Upper limit need to be arrived for **lower order skills - Learning Levels K1 to K3**; it is given a weightage of 70%.
- 45% weightage for Higher Order Thinking leads to lowering of % scored in each course for students. Hence it should be at weighed lower level.
- Each Learning Level should be identified.
- Learning Levels should be in congruence with the Syllabus for attainment study for a student as well as for the Course. Also for attainment calculation in terms of COs, POs/PSOs.
- Proposed weightage with 4 Tier Pattern

**Section – A : K1; Section – B : K2; Section – C : K3; Section – D : K4 to K6**

K- LEVELS	K1	K2	K3	K4	K5	K6	Total Marks
<b>Weightage proposed by Deans</b>	15	15	25	20	15	10	<b>100</b>
<b>Department wishes to have the weightage For SEMESTER</b>	15	20	35	30			<b>100</b>
<b>For MID / END Semester TESTS</b>	12	20	35	33			<b>100</b>

*(Signature)*

*(Signature)*  
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**TIRUCHIRAPPALLI - 2**



# BLUE PRINT OF THE QUESTION PAPER

FOR SEMESTER EXAMINATION							
<b>DURATION: 3. 00 Hours.</b>						<b>Max</b>	
<b>Mark : 100</b>							
<b>K- LEVELS</b>	<b>K1</b>	<b>K2</b>	<b>K3</b>	<b>K4</b>	<b>K5</b>	<b>K6</b>	<b>Total Marks</b>
<b>SECTIONS</b>							
<b>Weightage proposed by Deans</b>	15	15	25	20	15	10	<b>100</b>
<b>SECTION –A</b> (One Mark, no choice) <b>THREE questions from each unit</b> (15x1 =15)	15						<b>15</b>
<b>SECTION-B</b> (2-Marks, no choice) <b>Two questions from each unit</b> (10x2=20)		10					<b>20</b>
<b>SECTION-C</b> (Either/or type) (7-Marks) <b>One question from each unit</b> (5x7=35)			5				<b>35</b>
<b>SECTION-D</b> (3 out of 5) (10 Marks) <b>One question from each unit</b> (3x10=30) <b>ONLY FROM K4</b>				5			<b>30</b>
<b>/or/ FROM K4,K5,K6</b> <b>K6 CAN BE A COMPULSORY Qn.</b>				2	2	1	
<b>Total MARKS</b>	<b>15</b>	<b>20</b>	<b>35</b>	<b>30</b>			<b>100</b>

FOR MID/END TEST							
DURATION: 2. 00 Hours. 60							Max Mark :
K- LEVELS	K1	K2	K3	K4	K5	K6	Total Marks
SECTIONS							
Weightage proposed by Deans	15	15	25	20	15	10	100
SECTION –A (One Mark, No choice) (7x 1 =7)	7						07
SECTION - B (2-Marks, No choice) (6x2=12)		6					12
SECTION - C (7- Marks, Either/or type) (3 X 7 =21)			3				21
SECTION-D (10 Marks, 2 out of 3) One question from each unit (2x10=20) ONLY FROM K4				3			20
/or/ FROM K4,K5,K6 K6 CAN BE A COMPULSORY Question				1	1	1	
Total MARKS	07	12	21	20			60
Weightage for 100 %	12	20	35	33			100

The Board accepted and appreciated the QP pattern framed by the department and passed the same.

Chairman requested the University Representative, Subject Expert, Industrial Expert and Alumni for their final remarks.

The University Nominee shared that the syllabi are well framed where the UG and PG standards are maintained. Subject Expert expressed that the syllabi are with CSIR Exam level, it is combination of Theoretical and Applied Physics and importance given for average and fast learners. Industrial Expert mentioned that the syllabi are well designed and aligned with current market and also insisted that the students to be under internship for 6 months. Alumni expressed that the syllabus is well designed and included portion required for Competitive Exams.

**Agenda 4:**

Any other matter pertaining to BoS.

Chairman requested the Industrial Expert to promote leads with industries for internship and MoU

Industrial Expert Mr. J. Martin accepted to give leads for internship and assured for MoU with 2 industries at the earliest.

Finally, the Chairman of the board thanked the external members of BoS for their valuable suggestions and all the faculty members for their cooperation and support while framing the pattern and syllabus based on LOCF and in BoS

The BoS meet came to end at 01.20 pm.

*(Signature)*

*(Signature)*

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## Minutes of the Board of Studies meeting Conducted on 18-05-2021

Time:11.00 am

### List of Members present:

S.no.	Name	Designation
1.	Dr. S. PanneerArockiaraj	Associate Professor, Dept. of Computer Science, PeriyarE.V.R. College, Tiruchirappalli.(University Representative)
2.	Dr. V. Selvi	Dept. of Computer Science, Mother Teresa Women's University, Kodaikanal.(Subject Expert)
3.	Mr. I. Johnson	CEO, Shalom Info Tech, Techno Park, Bharathidasan University, Tiruchirappalli.(Industry Expert)
4.	Mr. P. Saravanan	III B.Voc. SD & SA, St. Joseph's College , Tiruchirappalli.(Student Representative)
5.	Dr. George Gabriel Richard Roy	Coordinator, Department of B.Voc. SD & SA, Assistant Professor, Department of Information Technology, St. Joseph's College
6.	Mr. S. Lakshmanan	Assistant Professor, Department of B. Voc. SD & SA, St. Joseph's College.
7.	Mr . R. Selvakumar	Assistant Professor, Department of B. Voc. SD & SA, St. Joseph's College.
8.	Ms . S . Merlin Sofia	Assistant Professor, Department of B. Voc. SD & SA, St. Joseph's College.
9.	Ms . B . Geno Cinthia	Assistant Professor, Department of B. Voc. SD & SA, St. Joseph's College.

### Minutes of the Meeting:

The Board of Studies meeting of B. Voc. SD & SA department was held on 18-05-2021 through online mode (Google Meet Staff Room) at 11.00 am.

The meeting commenced with a silent prayer. The coordinator of the department introduced and welcomed the external experts to the faculty.

At the outset, he briefed the members about the academic activities and newly changed subjects in the syllabus.

**Suggestions and views received:**

The following suggestions were given by the experts

- Dr. PanneerArockiaraj, Mr. Johnson and Dr. Selvi recommended that the 2<sup>nd</sup> and 4<sup>th</sup> units could be diluted in **UNIX and LINUX Administration**.
- For the course **Data Science with Python** it was suggested that Data Science aspects could be removed and from the syllabus.
- Changes were suggested in 3<sup>rd</sup> and 5<sup>th</sup> units to reduce the content in **Java Programming**.
- Industry expert Mr. Johnson spoke for a while regarding the expectations from the industry. He recommended to concentrate on subjects that focus on employability, he suggested that the following subjects could be strengthened or included in the courses taught **HTML & CSS, Three Tier Architecture, PHP & MYSQL with LARAVEL Framework**
- The student representative Mr. Saravanan suggested that the course could be more focused on practical exposure than the theoretical concepts

After the end of discussions, the meeting wound up with Mr. Selvakumar delivering the vote of thanks.

**Action taken based on the suggestions:**

The following changes were made based on the suggestions made by the experts

Courses	Action Taken
UNIX and LINUX Administration	Reduced content in 2 <sup>nd</sup> and 4 <sup>th</sup> unit
Data Science using Python	Title has been modified and Flask framework has been included
Java Programming	Reduced content in 3 <sup>rd</sup> and 5 <sup>th</sup> unit
PHP & MYSQL	Added Laravel Framework

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**COORDINATOR**  
Dept. of B.Voc. (SD & SA)  
St. Joseph's College (Autonomous)  
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Tiruchirappalli-620 002.

**COURSE PATTERN**  
**B. VOC. PROGRAMME - SOFTWARE DEVELOPMENT AND SYSTEM ADMINISTRATION**

**NSQF LEVEL 4: Junior Software Developer**

Semester	Part	Subjects	Subject Code	Type	General Education Component	Skill Component	Credits
I	GE	Language-I: Tamil-I	21USS11GL01	Theory	2	-	2
	GE	Language II: English – I	21USS12GE01	Theory	2	-	2
	GE	C Programming	21USS13CC01	Core - Theory	3	-	3
	GE	Mathematics-I	21USS14AC01	Allied-Theory	3	-	3
	GE	Essentials of Humanity	21USS14VE01		2		2
	SC	Junior Software Developer	SSC/ Q 0508	Theory	-	8	8
				Practical		10	10
		Total for Semester I				12	18

**NSQF LEVEL 5: Web developer**

Semester	GE/SC	Subjects	Subject Code	Type	General Education Component	Skill Component	Credits
II	GE	Language I: Tamil-II	21USS21GL02	Theory	2		2
	GE	Language II: English – II	21USS22GE02	Theory	2		2
	GE	User Interface Design	21USS23CC02	Core - Theory	3	-	3
	GE	Mathematics-II	21USS24AC02	Allied-Theory	3	-	3
	GE	Environmental Science	21USS24AE01		2		2
	SC	Web Developer	SSC/ Q 0503	Theory		8	8
				Practical		10	10
		Total for Semester II				12	18

  
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### NSQF LEVEL 6: Master Trainer for Software Developer

Semester	GE/SC	Subjects	Subject Code	Type	General Education Component	Skill Component	Credits
III	GE	Language– I: Tamil-III	21USS31GL03	Theory	2	-	2
	GE	Language II : English – III :	21USS32GE03	Theory	2	-	2
	GE	Java Programming	21USS33CC03	Core – Theory	3	-	3
	GE	Operating System	21USS34AC03	Allied-Theory	3	-	3
	GE	Soft Skills	21USS34AE01		2		2
	SC	Master Trainer for Junior Software Developer	SSC/ Q0509	Theory		8	8
				Practical		10	10
		Total for Semester III				12	18

4

Semester	GE/SC	Subjects	Subject Code	Type	General Education Component	Skill Component	Credits
IV	GE	Language – I: Tamil-IV	21USS41GL04	Theory	2	-	2
	GE	Language II: English– IV	21USS42GE04	Theory	2	-	2
	GE	PHP with MySQL	21USS43CC04	Core Theory	3	-	3
	GE	Unix and Linux Administration	21USS44AC04	Allied Theory	3	-	3
	GE	Life Coping Skills	21USS44AE01		2		2
	SC	Master Trainer for Junior Software Developer	SSC/ Q0509	Theory	-	8	8
				Practical		10	10
		<b>Total for Semester IV</b>		Theory	12	18	30

  
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### NSQF LEVEL 7: Software Developer

Semester	GE/SC	Subjects	Subject Code	Type	General Education Component	Skill Component	Credits
V	GE	Distributed Technologies	21USS51CC05	Core Theory	4	-	4
	GE	Software Engineering	21USS52CC06	Core Theory	4	-	4
	GE	RDBMS	21USS53CC07	Core Theory	4	-	4
	SC	Software Developer	SSC/ Q 0501	Theory	-	8	8
				Practical		7	7
				Project-I		3	3
		<b>Total for Semester V</b>			12	18	30

Semester	GE/SC	Subjects	Subject Code	Type	General Education Component	Skill Component	Credits
VI	GE	Fundamentals of Computer Networks	21USS61CC07	Core Theory	4	-	4
	GE	Data Analysis using Python	21USS62CC08	Core Theory	4	-	4
	GE	Principles of mobile computing	21USS63CC09	Core Theory	4	-	4
	SC	Software Developer	SSC/ Q-0501	Theory	-	8	8
				Practical		7	7
				Project-II		3	3
		<b>Total for Semester VI</b>			12	18	30

  
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**Department of Visual Communication Technology**  
**Minutes of the Meeting(B. Sc. Visual Communication)**

**List of Members Present**

1. Dr. A. Poorani  
Asst. Prof and Head, Dept of Vis Com  
Govt. Arts College, Trichy - University Nominee
2. Dr. A. Irudayaraj  
Head, Dept of Vis Com  
Loyola College , Chennai - Subject Expert
3. Mr. Dhinesh - Industrial Expert, Renish Photography
4. Dr. S. Tamilarasi - Head of the Department
5. Mr.G.Sathish - Asst. Professor, Dept of Vis. Com. Tech, SJC
6. Mr. Valan Arasu - Asst. Professor, Dept of Vis. Com. Tech, SJC
7. Ms. K.Ramya - Asst. Professor, Dept of Vis. Com. Tech, SJC
8. Mr.Aaron Antony - Asst. Professor, Dept of Vis. Com. Tech, SJC
9. Mr.Ambrose Jerald Vivian - Asst. Professor, Dept of Vis. Com. Tech, SJC

**Minutes of the Meeting**

The meeting of the Board of Studies on Visual Communication was held at 10.30 a.m. through Google meet online platform on 18.05.2021 to revise the syllabus of B.Sc Visual communication as per the LOCF model. The members present in the meeting are:

Experts Present were:

1. Dr. Poorani - University Nominee
2. Dr.A.Irudayaraj - Subject Expert
3. Mr. Renish - Industrial Expert

Dr. S. Tamilarasi, Head, Department of Visual Communication Technology formally welcomed the gathering and presented the B.Sc syllabus to the Board Members.

The B. Sc Visual Communication syllabus was presented and accepted by the experts and a few suggestions and revisions were given as follows:

1. Allied Paper "Documentary film making " (Theory & Practical) in the II Semester should be kept in III semester and the paper in the III semester, "Photography" (Allied theory & Practical) can be replaced in the semester II.
2. Research concepts can be incorporate in the Documentary Film Making, Public Relations papers.
3. In Media Culture & Society paper the concepts related to recent changes in the media ownership and media audience can be incorporated.
4. In Digital Marketing paper, can include the concepts of recent advancements like OTT platforms for marketing.

*Tamil*  
*16/5/21*  
COORDINATOR  
B. Voc. PROGRAMME  
DEPT. OF VISUAL COMMUNICATION TECHNOLOGY  
ST. JOSEPH'S COLLEGE (AUTONOMOUS)  
TIRUCHIRAPPALLI - 620 002



5. Can change the title of the paper "Visual Analysis Techniques" into "Visual Analysis" and also can add Marxist analysis and analysis from subaltern perspectives in the syllabus.
6. For UG level, Media Research paper is not essential instead of that paper we can add paper like Development Communication or Media Laws and Ethics.
7. In public relations paper, the concepts like crisis management can be included in the syllabus.

#### **Suggestions and Views received**

The above mentioned were the suggestions given by the board members on the various subject papers in the B.Sc. Visual communication course. The faculty members also obliged to those valuable inputs. The faculty members felt that media laws and ethics can be introduced and shifting of documentary film making in the semester II to were accepted and they also suggested the need of having Media research orientation in semester V as it could lead to the employability of students in the various media audience research.

#### **Action taken on the suggestions:**

The department after getting the suggestions and valid views from the board members , it has decided to undergo few changes as per the suggestions. It has decide to accept the shifting of papers like Documentary film making to Semester III and replacing Photography instead of documentary film making. And the concepts OTT will be included digital marketing and terminology such as research and crisis management will be incorporated in the public relations paper. The department members also accepted to introduce a new paper called media Laws and Ethics. The Marxist analysis will be included in the visual analysis Technique paper.

*Santhi*  
16/8/21  
COORDINATOR  
B.Sc. PROGRAMME  
DEPT. OF VISUAL COMMUNICATION TECHNOLOGY  
ST. JOSEPH'S COLLEGE (AUTONOMOUS)  
TIRUCHIRAPPALLI - 620 002

**Department of Visual Communication Technology**  
**Minutes of the Meeting (B.Voc.Vis.Com.Tech)**

**List of Members Present**

1. Dr. A. Poorani

Asst. Prof and Head, Dept of Vis Com  
Govt. Arts College, Trichy - University Nominee

2. Dr. A. Irudayaraj

Head, Dept of Vis Com  
Loyola College, Chennai - Subject Expert

3. Mr. Dhinesh

- Industrial Expert, Renish Photography

4. Dr.B.Kanikairaj

- Nodal Officer, Department of B.Voc. Vis Com Technology

4. Dr. S. Tamilarasi

- Coordinator, Department of Vis. Com Tech

5. Mr.G.Sathish

- Asst. Professor, Dept of Vis. Com. Tech, SJC

6. Mr. Valan Arasu

- Asst. Professor, Dept of Vis. Com. Tech, SJC

7. Ms. K.Ramya

- Asst. Professor, Dept of Vis. Com. Tech, SJC

8. Mr.Aaron Antony

- Asst. Professor, Dept of Vis. Com. Tech, SJC

9. Mr.Ambrose Jerald Vivian

- Asst. Professor, Dept of Vis. Com. Tech, SJC

**Minutes of the Meeting**

**Minutes of Meeting**

The meeting of the Board of Studies on Visual Communication was held at 11.30 a.m. through Google meet online platform on 18.05.2021 to revise the syllabus of B.Voc programmes. The members present in the meeting are:  
Experts Present were:

- |                    |                      |
|--------------------|----------------------|
| 4. Dr. Poorani     | - University Nominee |
| 5. Dr.A.Irudayaraj | - Subject Expert     |
| 6. Mr. Renish      | - Industrial Expert  |

Dr. S. Tamilarasi, Coordinator, Department of Visual Communication Technology formally welcomed the gathering and presented the B. Voc syllabus to the Board Members.

A new paper called online Journalism was introduced in the Semester IV and the syllabus was passed and the board members accepted the syllabus.

A new Skill component paper Script Writer (MES/Q3002) was introduced for the Semester II and III as the existing QP Marketing Manager was de promoted to Level 5. The QP was presented to the board members and the board permitted the department to carry on with this Skill component paper and find it as efficient for developing the creative writing skills.

**Action taken on the suggestions:**

Suggestions given by the Board members were incorporated in the syllabus of B.Sc. Visual Communication.

*Tamilh*  
18/05/21  
COORDINATOR  
B. VOC. PROGRAMME  
DEPT. OF VISUAL COMMUNICATION TECHNOLOGY  
ST. JOSEPH'S COLLEGE (AUTONOMOUS)  
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