46th ACADEMIC COUNCIL MEETING

22nd June 2022

Rev. Dr. M. Arockiasamy Xavier, SJ
Principal & Chairman
Academic Council

ST JOSEPH'S COLLEGE (AUTONOMOUS)
Special Heritage Status awarded by UGC
Accredited at A++ Grade (4th Cycle) by NAAC
College with Potential for Excellence by UGC
DBT-STAR & DST-FIST *Sponsored College*
TIRUCHIRAPPALLI – 620 002

AGENDA

1) Passing of the minutes of the previous Academic Council meeting held on 30th June 2021.
2) Passing of the minutes of various Boards of Studies of this year (2021–22).
3) Ratification on academic matter
4) Any other academic matter

MEMBERS OF THE ACADEMIC COUNCIL

Chairman

Rev. Dr. M. Arockiasamy Xavier, SJ, Principal, St. Joseph's College (Autonomous), Tiruchirappalli – 2.

Vice Chairman

Rev. Dr. Leonard Fernando, SJ, Rector, St. Joseph's College (Autonomous), Tiruchirappalli-2.

Secretary

Rev. Dr. K. Amal, SJ

Tamil Nadu State Government Representative

Dr. A. Megala, Regional Joint Director of Collegiate Education, Tiruchirappalli Region,

Tiruchirappalli-23

University Representatives

Dr. R Thirumurugan, Professor, Department of Animal Science, School of Life Sciences, Bharathidasan University, Tiruchirappalli-24

Dr. K Thamaraiselvi, Professor, Department of Environmental Biotechnology, Bharathidasan University, Tiruchirappalli-24

Dr. U. Alibava, Professor & Head, Department of Tamil, Bharathidasan University, Tiruchirappalli-24

Dr. V. Rajesh Kannan, Director-CCCD, Bharathidasan University, Tiruchirappalli-24

External Experts

Rev. Sr. Dr. A. Christina Bridget, Principal, Holy Cross College (Autonomous), Tiruchirappalli – 620 002

Mr. A. Joseph Louis, Managing Director, Black Thunder Park Pvt. Ltd., Mettupalayam – 641 305

Administrators

Rev. Dr. L. John Peter Arulanandam, SJ, Vice-Principal (Administration)
Dr. K. Alex, Vice-Principal (Academic)
Prof. S. Dominique, Vice-Principal (Infrastructure)
Dr. V. Alex Ramani, Deputy Principal, Shift II
Rev. Dr. S. Santiago, SJ, Vice Principal, Shift II
Dr. B Augustine Arockiaraj, Vice Principal, Shift II

Deans

Dr. A. Rose Venis, Dean – IQAC
Dr. R. Qurshid Begum, Additional Dean – IQAC
Rev. Dr. Leonard Fernando, SJ, Dean – School of Human Excellence
Dr. S. Sahaya Sathish, Dean – School of Biological Sciences
Dr. Y. Dominic, Dean – School of Computing Sciences
Dr. V. Francis, Dean – School of Languages & Culture
Dr. G. John, Dean – School of Management Studies
Dr. A.N. Paul Angelo, Dean – School of Physical Sciences

Officials

Rev. Dr. P. Paulraj, SJ, Director – MBA, (JIM)
Dr. S. Alfred Cecil Raj, Controller of Examinations
Rev. Fr. M. Berchmans, SJ, Director, SHEPHERD, Sports and Games
Rev. Dr. Emmanuel Arockiam, SJ, Director, Library
Prof. V.S. Joe Irudayaraj, President, Staff Association
Mr. N.M. Pushparaj, Superintendent

Department Representatives

Biochemistry	-	Prof. T. Antony Diwakar Chandran
Biotechnology	-	Dr. A. Edward
Botany	-	Dr. S.R. Senthil Kumar
Business Administration	-	Prof. Octovia Antony Sessammal C F
Chemistry	-	Dr. S. Joseph Selvaraj
Commerce	-	Dr. F.R. Alexander Pravin Durai
Commerce with Computer Applications	-	Dr. J. Rajees
Computer Science	-	Prof. A. Charles
Counselling Psychology	-	Rev. Dr. Emmanuel Arockiam, SJ
Data Science	-	Dr. L. Arockiam
Economics	-	Dr. G. Iruthayaraj
Electronics	-	Dr. B. Kanickairaj
English	-	Dr. V.L. Jayapaul
French	-	Prof. M. Mohanalakshmi
Hindi	-	Dr. S. Sreedevi
History	-	Dr. J. Santhosh Kumar
Human Excellence	-	Rev. Dr. S. Paul Pragash, SJ
Human Resource Management	-	Dr. J. Wilfred Angello Gerald
Information Technology	-	Dr. P. Joseph Charles
Management Studies	-	Dr. P. Jega Patrick
Mathematics	-	Dr. T. Rajaretnam
Physical Education	-	Dr. A. Prem Edwin
Physics	-	Dr. N. Ravi
Sanskrit	-	Dr. M.S. Madhavachari
Statistics	-	Dr. Lilly George
Tamil	-	Dr. G. Beschi
B.Sc. Visual Communication & B.Voc.Visual Communication Tech.	-	Dr. S. Tamilarasi
B.Voc.Software Dev. & System Admn.	-	Dr. George Gabriel Richard Roy

Staff Representatives

Dr. N. Ravi
Prof. V.S. Joe Irudayaraj

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MINUTES OF THE 45th ACADEMIC COUNCIL MEETING HELD ON 30th JUNE 2021

The 45th Academic Council Meeting, that was held on 30th June, 2021 virtually in Zoom platform at 10 am, began with invoking the blessings of God. Rev. Fr. Principal, Chairman of the Academic Council Meeting welcomed the members. In a special way, he welcomed the new members and thanked the outgoing members of the 44th ACM. He highlighted the process of preparation of LOCF based syllabus, as proposed by UGC.

Agenda: 1 - Passing of the minutes of the previous Academic Council meeting held on 5th August, 2020

As the first item of the agenda, Fr. Principal invited Dr. G. John, Dean-School of Management Studies to present the minutes of 44th Academic Council held on 5th August, 2020 which was ratified by the members. This was followed by a brief narration of LOCF initiatives undertaken by the college. Dr.Y. Dominic- Dean - School of Computing Sciences, explained the year long process that went into preparation of Learning Outcome based Curriculum Framework (LOCF) syllabus. This was followed by presentation of minutes of Board of Studies-School wise, for the year 2020-21.

Agenda :2 - Passing of the minutes of various Boards of Studies for the year (2020–21)

All the Departments, besides presenting the minutes of their respective boards, presented the newly framed LOCF based syllabus, course pattern and course structure.

School of Biological Sciences

Prof. T. Antony Diwakar Chandran, Head of the Department of Bio-Chemistry presented the minutes of the Department of Bio-Chemistry. Followed by Dr. A. Edward, Head of the Department of Biotechnology presented the minutes of his department. The Minutes of the Department of Botany was presented by Dr.S.R. Senthilkumar, HoD of the Botany. The minutes of School of Biological Sciences were approved by the members.

School of Computing Sciences

Minutes of the Department of Computer Science was presented by its Head, Prof. A. Charles followed by Dr.Priya Stella Mary who presented the minutes of Department of Data Science. Dr. P. Joseph Charles, Head of the Department of Information Technology presented the minutes of his Department, followed by Dr. M. Thiyagarajan who presented the minutes of Department of Mathematics. Dr. Lilly George, Head of the Department of Statistics, presented the minutes of Statistics Department.

Dr. S. Sahaya Sathish, Dean-School of Biological Sciences, suggested to have uniformity with respect to writing of PSOs, the minutes of various Departments belonging to the School of Computing Sciences were approved by the members.

School of Languages and Culture

Fr. Principal called upon the Heads of School of Languages and Culture to present the minutes of BoS of the respective Departments. Dr V.L. Jayapaul, Head, Department of English presented the minutes of his Department, followed by Prof. M. Mohanalakshmi, Head of the Department of French who presented the minutes of her Department. Minutes of Department of Hindi was presented by its Head Dr. S. Sreedevi, while that of Department of History was presented by Dr. Lingammal. Dr. M.S. Madhavachari, being the Head of the Department of Sanskrit, presented the minutes of BoS of his Department and Dr. G. Beschi, the Head, Tamil Department, presented the minutes of his Department.

Fr. Principal, Dr. G. John, Dr. I. Arul Rayappan, and Dr.F.R. Alexander Pravin Durai appreciated the Department of Tamil, for its innovative move in designing School specific customized General Tamil papers (SLC-தொடர்பியல் தமிழ், SBS, SCS, SPS-அறிவியல் தமிழ்இ SMS-வணிகத்தமிழ்) instead of a common general Tamil paper during the 4th semester. Fr. Principal opined that the Department of Tamil could explore the similar possibility of introducing customized General Tamil Paper-III also.

With these observations, the minutes of various Departments belonging to the School of Languages and Culture were approved by the Academic Council.

School of Management Studies

Head of the Department of BBA, Prof. C.F.Octovia Antony Sessammal, presented the minutes of her Department. Minutes of Commerce and B.Com (Honours) were presented to the house by the Head of the Department of Commerce, Dr. F.R. Alexander Pravin Durai. Then it was the turn of Dr. J. Rajees, Head of the Department of Commerce - Computer Application, to present the minutes of his Department. Dr. G. Iruthayaraj, Head Department of Economics, presented the minutes of Department of Economics. Minutes of Human Resource Management was presented by its Head, Dr. J. Wilfred Angello Gerald.

During the intervention, Prof. A. Charles drew attention of the Academic council stating that all the DSE papers are Commerce related, in case of Department of Commerce - Computer Application, to which Dr. J. Rajees replied that he would ensure 60:40 ratio between commerce and Computer Science. Dr. S. Sahaya Sathish pointed out that certain words should be spelt properly and Dr. Y. Dominic pointed out that no choice of paper has been nominated in Discipline Specific Elective (DSE). Dr. J. Rajees assured that the lacuna will be rectified. After these interventions and queries, minutes of various BoS of School of Management Studies were approved by the members.

School of Physical Sciences

Dr. S. Joseph Selvaraj, Head of the Department of Chemistry presented the minutes of his department. Following him Dr. B. Kanickairaj, Head of the Department of Electronics, presented the minutes of his Department. Head of the Department of Physics,

Dr. I. Arulrayappan, presented the minutes of his Department which was followed by interventions by the members of the Academic Council.

Dr. V. Alex Ramani stated that titles of certain courses of Chemistry Department could be more specific, rather than being very generic in nomenclature. Replying to the query Dr. S. Joseph Selvaraj assured that it will be taken care of Prof. A. Charles pointed out that AEC course title is missing in course structure of Physics Department. With this, the minutes of various Departments belonging to School of Physical Sciences were approved by the Academic Council members. After the Minutes of various Schools were over, minutes of other Departments were taken up for presentation and approval by the house.

Dr. S. Tamilarasi, Head in-charge, presented the minutes of Department of Visual Communication and B.Voc-Visual Communication Technology. Minutes of B.Voc Software Development and System Administration was presented by its Coordinator Dr. George Gabriel Richard Roy. This was followed by Dr. Jaga Patrick who presented the minutes of Department of Management Studies (JIM).

This was followed by intervention by the members of the Academic Council. Prof. A. Charles stated that it is inappropriate to have the course title 'Data Science using Python' to which Dr.Jaga Patrick informed that the correct nomenclature used is ''Machine Learning using Python'. Dr. F.R. Alexander Pravin Durai sought rationale for using the title Fraud Analytics. Dr.Jaga Patrick justified the use of the title with reason. Both the points were accepted by the house. Eventually, the minutes were approved by the Academic Council.

Agenda 3: Ratification

As the next agenda, ratification on academic matters for the year 2020-21 was taken up. Dr. A.N. Paul Angelo, Dean-School of Physical Sciences placed the following ratification for approval before the house.

a) MCA syllabus was restructured so as to accommodate it, to two-year programme
b) MA Counselling Psychology syllabus 2020
c) M.Sc Data Science Syllabus 2020
d) Syllabus reduction of 20 percent during the odd semester of the academic year 2020-21 in compliance with UGC guidelines
e) CIA components and Question paper pattern, both for odd and even semester that was conducted online.
f) Extra credit courses (MOOC) : For courses other than NPTEL and SWAYAM a new format has been formulated based on the number of hours and number of weeks involved, by the deans and it has been approved by the Chairman

No of weeks	Hours per week	Total Hours	Credits awarded
4	2/3	8 – 12 Hours	1 credit
8	2/3	16 – 24 Hours	2 credits
12	2/3	24 and above Hours	3 credits

Continuous Internal Assessment

Component	Type of Component	Marks
I	Four tests, one test from each unit for ten marks	40
II	6 assignments Instead of Mid Semester Test	30
III	End Semester Test , conducted by the department for all units	30
	Total	100

For courses other than the Core, the following format has been implemented

S.No.	Course Title	CIA(Department)	Semester	Total Marks
1	Self Paced Learning	25 + 25 = 50 **Total = 50**	50 Marks (MCQ) (COE)	100
2	Skill Based Elective:	10+20+20 = 50 **Total = 50**	50 Marks (internally External by the Department)	100
3	Soft Skill	Four Test Six Assignment for 100 marks	(Fully Internal)	100
4	FC, Ethics, Religion, EVS	20+10+20 =50 **Total = 50**	50 Marks (For 1.30 hours) (COE)	100
5	Comprehensive Examination	20 +20 = 40 **Total = 40**	60 Marks (MCQ) (COE)	100

End Semester Question Paper- Duration Two Hours For 60 Marks

Sec A	Short answer	8 x 2 = 16
Sec B	Either/or	4 x 5 = 20
Sec C	Essay (3 out of 4)	3 x 8 = 24
	Total	60

Semester Question Paper - Duration Two And Half Hours For 100 Marks

Sec A	MCQ	20 x 1 = 20
Sec B	Either/or	4 x 8 = 32
Sec C	Essay (3 out of 4)	3 x 16 = 48
	Total	100

Even Semester

Component	Type of Component	Marks
I	Assignment I	10
II	Test I (1.5 Units)	20
III	Assignment II	10
IV	Test II(1.5 Units)	20
V	Assignment III	10
VI	End Semester (Two units)	30
	Total	100

End Semester Test and Question Pattern

The duration of End Semester tests is 60 minutes. The following pattern was the Pattern.

Sec A	MCQ	4x1= 4
Sec B	Either/or	2x5=10
Sec C	Essay (2 out of 3)	2x8=16
	Total	30

No.	Course Title	CIA(Department)	Semester	Total Marks
1	Self-Paced Learning (PG)	2 Tests (25+25=50) **Total = 50**	MCQ – 50 marks – Conducted by the O/o CoE	100
2	Skill Based Elective	3 Tests (10+20+20=50) **Total = 50**	50 marks –Internally External by the Department	100
3	FC, Ethics, Religion	2 Tests (10+10=20) Assignment (10) End Semester (20) **Total = 50**	50 marks - 1½ Hours Conducted by the O/o CoE	100
4	Computer Literacy	2 Tests (10+10=20) Practicals (10) End Semester (20) **Total = 50**	50 marks Conducted by the O/o CoE	100
5	Comprehensive Examination	2 Tests (20+20=40) **Total = 40**	MCQ – 60 marks Conducted by the O/o CoE	100
6	Soft Skills (I PG)	**MODULES** BC & EC -- 15 RW&IS -- 15 GD -- 10 PE -- 10 NA -- 5 TR -- 5 **Total -- 60**	**ONLINE** BC& EC -- 5 RW&IS -- 5 GD -- 5 PE -- 5 NA -- 10 TR -- 10 **Total -- 40**	100

Semester Examination

Semester question paper - duration 3 hours for 100 marks – old regular pattern

Agenda 4: Resolutions

Dr. S. Sahaya Sathish, Dean-School of Biological Sciences placed the following resolution for thanking the outgoing members of the 44th Academic Council: Dr.T.Arivudainambi - Former RJD, Dr. J.A. Arul Chellakumar, Former, Director, CCCD BDU, Rev. Dr. V. Joseph Xavier, SJ, Director – MBA, (JIM), Staff Representatives Dr. T. Rajaretnam and Dr. G. John.

Agenda - 5: Any other academic matter

Rev. Fr. Principal placed on record the efforts of the parent University to change the nomenclature of MA Counselling Psychology into M.Sc Counselling Psychology. This will finally, may come into effect after receiving a formal communication from the University in due course.

In his concluding remarks, Rev. Dr. M. Arockiasamy Xavier, being the chairman of the Academic Council, thanked all the officials for giving shape to LOCF syllabus that will come into effect from the academic year 2021-22 onwards. He appreciated all the Deans, especially Dr. Y. Dominic, Dean-School of Computing Sciences for spearheading the syllabus revision process. He commended the cooperation rendered by Heads, Coordinators and officials of the college in this regard.

The meeting came to an end at 2.10 pm on a positive note by a formal vote of thanks rendered by Dr. V. Francis, Dean-School of Languages and Culture.

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SCHOOL OF BIOLOGICAL SCIENCES

DEPARTMENT OF BIOCHEMISTRY

MINUTES OF THE BOARD OF STUDIES IN BIOCHEMISTRY HELD ON 06.06.2022

The meeting of the Board of Studies started at 12:00 noon in the department of Biochemistry. Prof. T. Antony Diwakar Chandran, Head department of Biochemistry welcomed the subject expert Dr. J. Sugunabai, Head, Department of Biochemistry, Seethalakshmi Ramasamy College, Tiruchirappalli-620002 and all the staff of the department. The main aim of the meeting was to discuss the change in the subject code of the course entitled "Immunology" offered in the II semester as interdisciplinary elective. The requirement for the change of code was discussed in the pre-board meeting held on 26 MAY 2022.

The course content of the paper Immunology (which has to be offered as the common paper within school) is not on par with that offered by the Biotechnology department. As a result, this course cannot be offered as a common paper for both departments. Hence, to differentiate these two papers, two different codes are to be used. The code suggested for the paper offered by Biochemistry department is 21SBS2ES02A.

The board finally approved the following:

- The code for the course entitled "Immunology" is 21SBS2ES02A, without altering the hours and credits.
- The change of the code is applicable for the 2021 batch onwards.
- No changes were made in the content of any course.
- The course pattern is retained.

The meeting came to the end by 12:30 PM.

Members of Board of Studies held on 06 JUNE 2022

Dr. J. Sugunabai - External Subject Expert
Prof.T. Antony Diwakar Chandran - Chairman
Prof.A. Benno Susai Vijayakumar- Member
Dr.P. G. Geegi - Member
Prof. S. Venkateshwari - Member

M.Sc. BIOCHEMISTRY							
PROGRAMME PATTERN							
Course Details					**Scheme of Exams**		
Sem	**Code**	**Course Title**	**Hrs**	**Cr**	**CIA**	**SE**	**Final**
I	21PBI1CC01	Biomolecular Chemistry	5	4	100	100	100
	21PBI1CC02	Microbiology	4	4	100	100	100
	21PBI1CC03	Bioenergetics and Enzymology	4	4	100	100	100
	21PBI1CP01	Lab course I	8	6	100	100	100
	21PBI1ES01A	**DSE-1:** Developmental Biology	5	4	100	100	100
	21PBI1ES01B	**DSE-1:** Biochemistry of Natural Products					
	21PBI1AE01	**AEC:**Fundamentals of Forensic Science	4	3	50	50	50
		Total	**30**	**25**			
II	21PBI2CC04	Genetic Engineering	4	4	100	100	100
	21PBI2CC05	Human Physiology	4	4	100	100	100
	21PBI2CC06	Molecular Biology	4	3	100	100	100
	21PBI2CP02	Lab course II	5	4	100	100	100
	21PBI2SP01	**Self-Paced Learning:** Advanced Nutrition	-	2	50	50	50
	21SBS2ES02A	**DSE-2:**Immunology	5	4	100	100	100
	21PBI2ES02	**DSE-2:** Solid Waste Management					
	21PSS2SE01	**SEC:** Soft skills	4	3	100	-	100
	21PBI2EG01	**GE-1**(WS): Herbal Technology	4	3	100	100	100
		Extra Credit Courses(MOOC)-1	-	**(2)**			
		Total	**30**	**27(2)**			
III	21PBI3CC07	Pharmaceutics and Nanotechnology	4	4	100	100	100
	21PBI3CC08	Research methodology	5	5	100	100	100
	21PBI3CC09	Advances in Clinical research	4	4	100	100	100
	21PBI3CP03	Lab course III	8	6	100	100	100
	21PBI3ES03A	**DSE-3:** Life sciences for Competitive exams -1	5	4	100	100	100
	21PBI3ES03B	**DSE-3:** Molecular Diagnostics					
	21PBI3EG02	**GE-2** (BS): First Aid Management	4	3	100	100	100
		Extra Credit Courses(MOOC)-2		**(2)**			
		Total	**30**	**26(2)**			
IV	21PBI4CC10	Clinical Biochemistry	6	6	100	100	100
	21PBI4CC11	Advanced Endocrinology	5	5	100	100	100
	21PBI4CP04	Lab course IV	8	6	100	100	100
	21PBI4ES04A	**DSE-4:** Pharmaceutical Biochemistry	5	4	100	100	100
	21PBI4ES04B	**DSE-4:** Life Sciences for Competitive Exams-2					
	21PBI4PW01	Project work &Viva Voce	6	5	100	100	100
	21PBI4CE01	Comprehensive Examination	-	2	50	50	50
		Extra Credit Courses(MOOC)-3	-	(2)			
		Total	**30**	**28(2)**			
I-IV	21PCW4OR01	Outreach Programme(SHEPHERD)		4			
		Total(Four Semesters)	**120**	**110(6)**			

BOARD OF STUDIES MEETING - HELD ON 06-06-2022 DEPARTMENT OF BIOCHEMISTRY St. JOSEPH'S COLLEGE(AUTONOMOUS) TIRUCHIRAPPALLI -620002		
S.No.	**Name and address**	**Signature**
1	Dr. J. Sugunabai, Associate Professor, Department of Biochemistry, Seethalakshmi Ramasamy College (Autonomous), Tiruchirappalli – 620 002 **(University Representative)**	Jsugunabai 6.6.2022
2	Dr. N. Shabana Begum, Head, Dept of Biochemistry, Muthayammal College of Arts & Science, Rasipuram, Namakkal District, E-mail: drshabanaphd@gmail.com Mobile: 9865014844 **(Subject Expert)**	ABSENT
3	Mr. Dharmadurai, Senior Executive – Quality Control Strides Pharma Science Limited, Periyakalapet, Puducherri – 605 104, E-mail: dharmanbio18@gmail.com Mobile: 9791630205	ABSENT
4	Mr. T. Antony Diwakar Chandran	
5	Mr. A. Benno Susai Vijayakumar	
6	Dr. P.G. Geegi	
7. Ms. S. Venkateshwari		S. Venkat

T. ANTONY DIWAKAR CHANDRAN,
M.Sc.,M.Phil.,PGDBI.,NET.,
Head, Dept. of Biochemistry
St. Joseph's College (Autonomous)
Tiruchirappalli-620 002

DEPARTMENT OF BIOTECHNOLOGY

MINUTES OF THE BOARD OF STUDIES IN BIOTECHNOLOGY HELD ON 06.06.2022

The Board of Studies meeting was held on 06/06/22 at 11.30 am in the Department of Biotechnology. The chairman welcomed the board members. The University nominee, Dr. V. Rajesh Kannan, Associate Professor, Department of Microbiology, Bharathidasan University, Trichywas absent;Dr. V. Ramesh Kumar, Associate Professor, Department of Biotechnology, Sathyabama Institute of Science and Technology, Chennai was absent; Mr. K. S. Sasi VarierVarier's Ashtanga Ayurvedics, Thogamalai Road, Tiruchirappalli was present;The faculty members of the Biotechnology Department attended the meeting.

The meeting was convened to discuss about the change in the title and code number of the paper titled "Immunology" offered in the Second semester as an Interdisciplinary elective paper. The course content of the "Immunology" paper (has to be offered as the Common paper within the School of Biological Sciences) is not on par with the "Immunology" paper offered by the Department of Biochemistry. Hence itcouldn't be offered as the common paper for both departments of Biochemistry and Biotechnology. Hence to differentiate the Interdisciplinary elective paper "Immunology" offered by the Departments of Biochemistry and Biotechnology, it has been decided to change the code number and title of the "Immunology" paper.

Due to this reason, the revision was carried out in the Syllabus with a change in the paper title as "Immunotechnology" and code number (21SBS2ES02B). Hours and Credits remain the same. Others papers (Titles, Code numbers, Hours and Credits) remain the same. The change of the paper title (Immunotechnology) and code number (21SBS2ES02B) in the syllabus is modified as per the discussions made, circulated among the board members and approved. The change of the title and code number is applicable for the 2021 batch onwards.

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,
Associate Professor,
Department of Microbiology,
Bharathidasan University, Tiruchirappalli – 620 024

(3) Dr. V. Ramesh Kumar,
Associate Professor,
Department of Biotechnology,
Sathyabama Institute of Science and Technology,
Chennai – 600 119

(4) Mr. K. S. Sasi Varier

Varier's Ashtanga Ayurvedics,
2/564, Thogamalai Road,
Tiruchirappalli – 620 102

Department Staff Members

1. Dr. R. Kamaraj Kennedy, Assistant Professor
2. Dr. V. Swabna, Assistant Professor
3. Dr. A. Asha Monica, Assistant Professor

Based on the suggestions given by the stake holders, the course (Immunotechnology) is considered as a paper with the new title and new code number.

M.Sc. BIOTECHNOLOGY							
PROGRAMME PATTERN							
Course Details					Scheme of Exams		
Sem	**Code**	**Course Title**	**Hrs**	**Cr**	**CIA**	**SE**	**Final**
I	21PBT1CC01	Molecular Biology	5	4	100	100	100
	21PBT1CC02	Biochemistry	4	4	100	100	100
	21PBT1CC03	Microbiology	4	4	100	100	100
	21PBT1CP01	Practical – I: Molecular Biology and Microbiology	4	3	100	100	100
	21PBT1CP02	Practical – II : Biochemistry	4	3	100	100	100
	21PBT1ES01A	**DSE-1:** Developmental Biology	5	4	100	100	100
	21PBT1ES01B	**DSE-1:** Stem Cell Technology					
	21PBT1AE01	**AEC:** Entrepreneurship skills for Biotechnology	4	3	50	50	50
		Total	**30**	**25**			
II	21PBT2CC04	Recombinant DNA Technology	4	4	100	100	100
	21PBT2CC05	Synthetic Biology	4	4	100	100	100
	21PBT2CC06	Genomics and Proteomics	4	3	100	100	100
	21PBT2CP03	Practical – III :Recombinant DNA Technology, Genomics and Immunology	5	4	100	100	100
	21PBT2SP01	**Self-Paced Learning:** Fundamental of Genetics	-	2	50	50	50
	21SBS2ES02B	**DSE -2:** Immunotechnology	5	4	100	100	100
	21PBT2ES02	**DSE -2:** Cell Signaling					
	21PSS2SE01	**SEC:** Soft skills	4	3	100	-	100
	21PBT2EG01	**GE-1(WS):** Medical Biotechnology	4	3	100	100	100
		Extra Credit courses (MOOC)-1	-	(2)			
		Total	**30**	**27 (2)**			
III	21PBT3CC07	Bioinstrumentation and Research Methodology	5	4	100	100	100
	21PBT3CC08	Industrial Biotechnology	4	4	100	100	100
	21PBT3CC09	Intellectual Property Rights (IPR) and Bioethics	4	4	100	100	100
	21PBT3CP04	Practical – IV: Bioinformatics and Biostatistics	4	3	100	100	100
	21PBT3CP05	Practical – V : Industrial Biotechnology	4	3	100	100	100
	21PBT3ES03A	**DSE -3 :** Bioinformatics	5	4	100	100	100
	21PBT3ES03B	**DSE -3 :** Drug Discovery and Development					
	21PBT3EG02	**GE-2 (BS) :** Food Technology	4	3	100	100	100
		Extra Credit courses (MOOC)-2		(2)			
		Total	**30**	**25 (2)**			
IV	21PBT4CC10	Bio nanotechnology	6	6	100	100	100
	21PBT4CC11	Plant and Animal Biotechnology	5	5	100	100	100
	21PBT4CP06	Practical – VI: Bionanotechnology	4	3	100	100	100
	21PBT4CP07	Practical – VII: Plant and Animal Biotechnology	4	4	100	100	100
	21PBT4ES04A	**DSE -4 :** Environmental Biotechnology	5	4	100	100	100
	21PBT4ES04B	**DSE -4 :** Food Biotechnology					
	21PBT4PW01	Project work & Viva Voce	6	5	100	100	100
	21PBT4CEO1	Comprehensive Examination	-	2	50	50	50
		Extra Credit courses (MOOC)-3		(2)			
		Total	**30**	**29 (2)**			
I-IV	21PCW4OR01	Outreach programme (SHEPHERD)		**4**			
		Total (Four Semesters)	**120**	**110(6)**			

*The courses with a scheme of Exam 50 in CIA and SE will be converted to 100 for grading.

BOARD OF STUDIES MEETING - HELD ON 06-06-2022 DEPARTMENT OF BIOTECHNOLOGY St. JOSEPH'S COLLEGE (AUTONOMOUS) TIRUCHIRAPPALLI -620002		
S.No.	**Name and address**	**Signature**
1.	Dr. V. Rajesh Kannan, Associate Professor Department of Microbiology Bharathidasan University, Tiruchirappalli – 620 024 **(University Representative)**	ABSENT
2.	Dr. V. Ramesh Kumar Associate Professor Dept. of Biotechnology Sathyabama Institute of Science and Technology Jeppiaar Nagar,Chennai – 600 119, E-mail:rameshkumar.biotech@sathyabama.ac.in Mobile: 9443407762, 9786726374 **(Subject Expert)**	ABSENT
3.	Mr. Sasi Varier,K.S. Varier's Ashtanga Ayurvedics 2/564, Trichy-Thogamalai Road Thayanur Chandai, Trichy – 620 102. E-mail: sasivarier@gmail.com Mobile:9965906884	For K.S. VARIER'S ASHTANGA AYURVEDICS (P) LTD., EXECUTIVE DIRECTOR
4.	Dr. A. Edward	
5.	Dr. R. Kamaraj Kennedy	R. Kamaraj Kenn.
6.	Dr. V. Swabna	
7. DR. A. ASHA MONICA		A. Asha Monica

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

DEPARTMENT OF BOTANY

MINUTES OF THE BOARD OF STUDIES IN BOTANY HELD ON 06.06.2022

Minutes of the meeting held on 06.06.2022 at Fr. Balam Hall. After a silent prayer, HOD welcomed the experts and faculty for the BOS.

Dr. V. Anand Gideon (University nominee) and **Mr. Sasi Varier** (Industrial expert) and the faculty members of Botany except Dr. S. Soosairaj (ML) were present

1. As discussed in pre-board of studies meeting, HoD displayed the UG and PG syllabus course pattern.
2. There was no change in the existing Course pattern for UG and it was approved.
3. For PG, Pharmacognosy paper (Research Methodology and Pharmacognosy Practical combined together) has been shifted from IV semester to Semester III due to importance of the practical connected with Research Methodology course. The practical title to be changed into (Research Methodology and Pharmacognosy) Instead, Cell & Molecular Biology course of Semester III is replaced and is shifted to Semester IV which was approved by BOS members.
4. Repeated portion of the Practical was corrected in the Research Methodology and Pharmacognosy Practical.
5. Finally both the course pattern was approved and the meeting came to an end.

Semester	Course Code	Title of the Course	Hours	Credits
III	**21PBO3CC08**	**CORE-8: PHARMACOGNOSY**	**4**	**3**

CO. No.	CO- Statements	Cognitive Levels (K- levels)
After the successful completion of the course, student will be able to		
CO-1	acquire the knowledge about understanding of Principle and Treatment methods of various Traditional system of medicines.	**K1 & K2**
CO-2	learn the identification, pharmacological importance and processing of medicinal plants based on their classification and characterization.	**K3**
CO-3	analyze the suitable conservation method for medicinal plants using modern biotechnology tools to ensure the sustainable utilization.	**K4**
CO-4	evaluate the medicinal plants based drug efficacy and its various applications for different ailments	**K5**
CO-5	create new drug formulations using phytochemical compounds for the healthy life of society.	**K6**

Unit-I **(12 Hours)**

Traditional and alternative system of medicine-Principle, practice, short history and merits of herbal medicine- Siddha, Ayurveda, Homeopathy, Chinese medicine, Unani, Naturopathy, Aromatherapy and acupuncture. Status of Indian medicinal plant trade, medicinal plants prohibited from export, leading companies in India in trade of medicinal plants.

Unit-II **(12 Hours)**

Classification of crude drugs - alphabetical, taxonomical, morphological, chemical, pharmacological (therapeutical). Medicinal plants - Mass Cultivation methods for sustainable utilization, Collection and processing of herbal raw material for drugs Preparation-Post Harvesting care, Drying, Dressing, Packing and Storage. Conservation and mass propagation of important medicinal plants through *In vitro* propagation methods.

Unit-III **(12 Hours)**

Medicinally useful plant parts: Root –*Hemidesmus indicus, Withania somnifera* and *Rauvolfia serpentina*; Rhizome - *Zingiber officinalis, Acorus calamus* and *Curcuma longa*; Stem- *Tinospora cordifolia, Santalum album*; Bark – *Terminalia arjuna, Cinnamomum verum* and *Saraca asoca*; Leaf – *Adhatoda vasica, Ocimum sanctum* and *Cynodon dactylon*; Flowers – *Crocus sativus, Syzygium aromaticum* and *Leucus aspera*; Fruits – *Phyllanthus emblica, Piper longum* and *Terminalia chebula*; Seeds – *Azadirachta indica*, Trigonella foenum-graecum and *Ricinus communis*.

Unit-IV **(12 Hours)**

Herbal preparation methods - bolus, capsules, compresses, creams, decoctions, extracts, infusions, herbal tea, ointments, massage oils, medicinal vinegar, poultice & plasters, powders, salves, syrups, tinctures, tonic, maceration and baths and bathing remediesteas and

dry extract (pills or capsules). Application of herbal formulations for the treatment of certain diseases- Jaundice, Fever, Cardiac, Infertility, Diabetics, Blood pressure, Skin care and Respiratory diseases.

Unit-V **(12 Hours)**

Pharmaceutical plant products- alkaloids, glycosides, terpenoids, tannins, flavonoids, lipids, proteins. Nutraceuticals, cosmeceuticals, pharmaceuticals - fibre, sutures, surgical dressings, adaptogens, rasayana. Drug adulteration and methods of evaluation-physical, chemical and microscopic. NMPB, CDRI, CIMAP, CIPLA; WHO regulation and Guidelines for quality control and trade of herbal medicine.

Books

1. Evans, 2009. Pharmacognosy, Elsevier Publications, Edinburgh.
2. James Green, 2000 Herbal Medicine-Maker's Handbook, Crossing Press, U.S.
3. Weiss, Rudolf Fritz 2000 Herbal Medicine, 2nd Edition Thieme Medical Publishers
4. Kokate CK, Purokit AP and Gokahale, 2006.Pharmacognosy, NiraliPrakashan.
5. Somasundara, S 1997. Maruththuva Thavaraiyal, Ilangovan Padhippagam, Palayamkottai
6. Cultivation of Medicinal and Aromatic crops by A.A. Farooqui and B.S. Sreeramu (2004)
7. Quality control and evaluation of Herbal Drugs by Pulok.K. Mukarjee (2019)

Online Resources

1. http://www.gallowglass.org/jadwiga/herbs/preparations.html
2. http://shawnacohen.tripod.com/thetribaltraditions/id51.html
http://www.vasundharaorissa.org/Research%20Reports/Globalisation And
3. http://www.emea.europa.eu/docs/en_GB/document_library/Scientific_ guideline/2009/09/WC500003393.pdf

Semester	Course Code	Title of the Course	Hours	Credits
III	21PBO3CC08	CORE-8: PHARMACOGNOSY	4	3

Course Outcomes (COs)	PO1	PO2	PO3	PO4	PO5	PSO1	PSO2	PSO3	PSO4	PSO5	Mean score of COs
CO-1	3	2	3	1	3	3	3	1	2	2	2.3
CO-2	2	2	3	1	2	1	3	3	2	3	2.2
CO-3	3	3	3	2	3	2	3	3	2	3	2.7
CO-4	3	1	3	2	3	2	3	1	2	2	2.2
CO-5	2	3	2	2	3	1	1	2	3	2	2.1
Mean Overall Score											2.30
Result											High

Semester	Course Code	Title of the Course	Hours	Credits
III	**21PBO3CP06**	**LABORATORY COURSE 6: RESEARCH METHODOLOGY AND PHARMACOGNOSY**	**3**	**2**

Research Methodology and Pharmacognosy

1. Sampling
2. Collection of data
3. Classification of data
4. Diagrammatic representation of data
5. Measures of central value
6. Measures of dispersion
7. Test of significance
8. Bibliometrics
9. H-Index
10. Chromatographic separation of amino acids (paper) and lipids (TLC).
11. Spectrophotometry: Standard graphs for proteins. (BSA), Glycine and Glucose.
12. Identification and uses of locally available medicinal plants parts – Leaf: *Andrographis paniculata, Cardiospermum helicacabum* and *Cymbopogon citratus*. Rhizome:*Acorus calamus, Alphinia galanga* and *Curcuma longa*. Tubers: *Asparagus racemosus, Gloriosa superba* and *Withania somnifera*. Root: *Hemidesmus indicus, Vetiveria zizanioides* and *Achyranthus aspera*. Flower: *Syzygium aromaticum, Cassia auriculata* and *Hibiscus rosa-sinensis*. Bark: *Cinnamomum verum, Terminalia arjuna* and *Saraca asoca*. Seeds: *Ocimum basilicum, Trigonellafoenum-graecum,* and *Trachyspermum ammi*. Fruits: *Piper longum, Ficus racemosa* and *Garcinia gummi-gutta.*
13. Preparation of aqueous, methanolic and ethanolic leaf extracts of medicinal plants using soxhlet apparatus.
14. TLC separation of plant components.
15. Antimicrobial screening of bioactive principles of medicinal plants.
16. Preparation of ointment using plant materials.
17. Preparation of rejuvenating herbal foods.
18. Qualitative analysis of phytochemicals (Brinda *et al*., 1981).

Semester	Course Code	Title of the Course	Hours	Credits
IV	21PBO4CC11	CORE-11: CELL AND MOLECULAR BIOLOGY	4	3

CO. No.	CO-Statements	Cognitive Levels (K-levels)
On successful completion of this course, students will be able to		
CO-1	recognize the structural, organization and function of different cell organelles.	K1
CO-2	explain the genetic code and its perpetuation.	K2
CO-3	differentiate the basic cellular and molecular events.	K3
CO-4	apply the knowledge acquired to interpret the molecular mechanisms.	K4 & K5
CO-5	critique the principles of gene regulation.	K6

Unit-I **(12 Hours)**

Phases and control system of cell cycle, Cell cycle checkpoints - DNA damage, centrosome duplication, spindle assembly. Cyclins and Cyclin-dependent kinases, apoptosis. Cytoskeleton structure and functions: actin filaments (microfilaments), microtubules, and intermediate filaments.

Unit-II **(12 Hours)**

Cell communication: general principles, Signaling molecules and their receptors. Receptors: Cell surface receptors - ion-channel linked receptors, G-protein coupled receptors, and Tyrosine-kinase linked receptors (RTK), Programmed cell death.

Unit-III **(12 Hours)**

Transcription: RNA polymerases and their role. Transcription signals - promoters and terminators. Detailed account of transcription in *E. coli* and eukaryotes. Differences between the prokaryotic and the eukaryotic transcription, Post transcriptional modifications of mRNA (5'CAP formation, poly adenylation, spliciosome assembly, splicing editing). Organization ofmRNA, RNA editing, mRNA export.

Unit-IV **(12 Hours)**

Translation: Genetic code – introduction, important features of the genetic code, exceptions to the standard code. Mechanism of translation in prokaryotes and eukaryotes. Differences between prokaryotic and eukaryotic protein synthesis. Protein sorting and translocation: Post-translational modification of proteins, Protein folding-self-assembly and role of chaperones.

Unit-V **(12 Hours)**

Gene regulation: Operon model - Inducible and repressible systems. Attenuation, positive and negative regulation. *lac* and *trp* operons of E. coli. Regulation of eukaryotic gene expression. Gene families and hormonal control in eukaryotes. Gene silencing: transcriptional and post transcriptional gene silencing.

Books for Study

1. Malacinski GM. 2015. Essentials of Molecular Biology. Jones and Bartlett, Boston, USA.

Books for Reference

1. Cooper M 2000. The Cell-a molecular biology approach. 2nd ed. Sinauer Associates,Massachusetts.

2. Lodish et al 2004.Molecular Cell Biology, COH freeman & Co. New York.

3. Watson JD et al. 2004.Molecular biology of the gene, Pearson education, Singapore.

4. Gardner et al. 2004. Principles of genetics. John Wiley & Sons Inc. Singapore.

5. Veer Bala Rastogi, 2016. Principles of Molecular Biology, Medtech publishers, New Delhi.

Semester	**Course Code**					**Title of the Course**					**Hours**	**Credits**
IV	**21PBO4CC11**					**CORE-11: CELL AND MOLECULAR BIOLOGY**					**4**	**3**
Course Outcomes (COs)	**PO1**	**PO2**	**PO3**	**PO4**	**PO5**	**PSO1**	**PSO2**	**PSO3**	**PSO4**	**PSO5**	**Mean score of COs**	
CO-1	3	2	2	2	2	3	2	2	2	2	2.2	
CO-2	3	1	2	2	3	3	2	2	2	2	2.2	
CO-3	2	2	2	2	2	2	2	2	1	2	1.9	
CO-4	2	1	3	2	2	2	3	2	2	3	2.1	
CO-5	2	2	2	3	2	2	2	2	1	2	2.0	
Mean Overall Score											**2.08**	
Result											**Medium**	

B.Sc. Botany								
PROGRAMME PATTERN								
Course Details						**Scheme of Exams**		
Sem	**Part**	**Course Code**	**Course Title**	**Hrs**	**Cr**	**CIA**	**SE**	**Final**
I	1	21UTA11GL01	General Tamil- I	4	3	100	100	100
		21UFR11GL01	French-I					
		21UHI11GL01	Hindi-I					
		21USA11GL01	Sanskrit-I					
	2	21UEN12GE01	General English-I	5	3	100	100	100
	3	21UBO13CC01	Algae and Bryophytes	5	3	100	100	100
	3	21UBO13CC02	Fungi, Plant Pathology and Lichens	5	3	100	100	100
	3	21UBO13CP01	Lab Course 1	3	2	100	100	100
	3	21UBO13AC01	**Allied I:** Zoology I: General Zoology	4	2	100	100	100
	3	21UBO13AP01	**Allied I:** Lab. Course: Zoology 1	2	2	100	100	100
	4	21UEN14AE01	**AECC-1 :**Communicative English	**(6)**	4	100	-	100
	4	21UHE14VE01	Essentials of Humanity	2	1	50	50	50
			Total	**30**	**23**			
II	1	21UTA21GL02	General Tamil- II	4	3	100	100	100
		21UFR21GL02	French-II					
		21UHI21GL02	Hindi-II					
		21USA21GL02	Sanskrit-II					
	2	21UEN22GE02	General English-II	5	3	100	100	100
	3	21UBO23CC03	Pteridophytes, Gymnosperms and Paleobotany	4	3	100	100	100
	3	21UBO23CC04	Anatomy and Embryology	4	2	100	100	100
	3	21UBO23CP02	Lab Course 2	3	2	100	100	100
	3	21UBO23AC02	**Allied I:** Zoology II: Agricultural Entomology	4	2	100	100	100
	3	21UBO23AP02	**Allied I:** Lab. Course: Zoology II	2	2	100	100	100
	4	21UHE24AE02	**AECC-2:** Environmental studies	2	2	50	50	50
	4	21UHE24VE02	Techniques of Social Analysis: Fundamentals of Human Rights	2	1	50	50	50
			Extra Credit courses (MOOC)-1	-	**(2)**			
			Total	**30**	**20(2)**			
III	1	21UTA31GL03	General Tamil- III	4	3	100	100	100
		21UFR31GL03	French-III					
		21UHI31GL03	Hindi-III					
		21USA31GL03	Sanskrit-III					
	2	21UEN32GE03	General English-III	5	3	100	100	100
	3	21UBO33CC05	Taxonomy of Angiosperms	5	3	100	100	100
	3	21UBO33CC06	Plant Breeding and Evolution	3	2	100	100	100
	3	21UBO33CP03	Lab Course 3	3	2	100	100	100
	3	21UBO33AO03A	**Allied-II Optional:** Chemistry for Biologists - I	4	3	100	100	100
		21UBO33AO03B	**Allied-II Optional:** Biometrics & Computer Applications I	4	2	100	100	100
	3	@	**Allied-II Optional:** Lab. Course 1 (Chemistry for Biologists)	2	-	-	-	-
		21UBO33AP03B	**Allied-II Optional:** Lab. Course 1 (Biometrics & Computer Applications)	2	2	100	100	100
	4	21UBO34SE01	**SEC-1 (WD):** Mushroom technology	2	1	100	-	100
	4	21UHE34VE03A	Professional Ethics–I: Social Ethics - I	2	1	50	50	50
	4	21UHE34VE03B	Professional Ethics I:Religious Doctrine- I					
			Extra Credit courses (MOOC)-2		**(2)**			
			Total	**30**	**18/19(2)**			

IV	1	21UTA41GL04B	Scientific Tamil	4	3	100	100	100
		21UFR41GL04	French-IV					
		21UHI41GL04	Hindi-IV					
		21USA41GL04	Sanskrit-IV					
	2	21UEN42GE04	General English-IV	5	3	100	100	100
	3	21UBO43CC07	Cell Biology and Genetics	4	3	100	100	100
	3	21UBO43CC08	Ecology and Climate Change	4	2	100	100	100
	3	21UBO43CP04	Lab Course 4	3	2	100	100	100
	3	21UBO43AO04A	**Allied-II Optional:** Chemistry for Biologists - II	4	3	100	100	100
		21UBO43AO04B	**Allied-II Optional:** Biometrics & Computer Applications II	4	2	100	100	100
	3	21UBO43AP04A	**Allied-II Optional:** Lab Course 2 (Chemistry for Biologists)	2	2	100	100	100
		21UBO43AP04B	**Allied-II Optional:** Lab Course 2 (Biometrics & Computer Applications)	2	2	100	100	100
	4	21UBO44SE02	**SEC-2 (BS):**Mushroom Technology	2	1	100	-	100
	4	21UHE44VE04A	Professional Ethics II: Social Ethics-II	2	1	50	50	50
	4	21UHE44VE04B	Professional Ethics II: Religious Doctrine-II					
			Total	**30**	**19/20**			
V	3	21UBO53CC09	Biophysics and Biostatistics	5	2	100	100	100
	3	21UBO53CC10	Microbiology & Immunology	5	3	100	100	100
	3	21UBO53CP05	Lab. Course 5	4	3	100	100	100
	3	21UBO53ES01A	**DSE-1:** Molecular Biology	5	3	100	100	100
	3	21UBO53ES01B	**DSE-1:**Bioinformatics&Bionanotechnology					
	3	21UBO53ES02A	**DSE-2:** Research Methodology	5	3	100	100	100
		21UBO53ES02B	**DSE-2:** Biopesticides					
	3	21UBO53IS01	Internship	-	2	100	-	100
	3	21UBO53SP01	**Self-paced learning:** Economic Botany	-	2	50	50	50
	3	21UBO53FV01	Field study/ Industrial visit/ Case Study	-	1	100	-	100
	3	21UBO54EG01	**GE-1:** Landscape designing	4	3	100	100	100
	4	21USS54SE03	**SEC-3:** Soft Skills	2	1	100	-	100
			Extra Credit courses (MOOC)-3		(2)			
			Total	**30**	**23(2)**			
VI	3	21UBO63CC11	Plant Physiology	4	3	100	100	100
	3	21UBO63CP06	Lab. Course 6	3	1	100	100	100
	3	21UBO63CC12	Genetic Engineering and Biotechnology	4	3	100	100	100
	3	21UBO63CP07	Lab. Course 7	3	1	100	100	100
	3	21UBO63ES03A	**DSE-3:** Biochemistry	5	3	100	100	100
	3	21UBO63ES03B	**DSE-3:**Agricultural Botany					
	3	21UBO63ES04A	**DSE-4:**Medicinal Botany	5	3	100	100	100
	3	21UBO63ES04B	**DSE-4:** Biological Techniques					
	3	21UBO63PW01	Project Work	-	2	100	100	100
	3	21UBO63CE01	Comprehensive Examination	-	2	50	50	50
	3	21UBO64EG02	**GE-2:** Solid Waste Management	4	3	100	100	100
	4	21UBO64SE04	**SEC-4** (WS): Herbal Technology	2	1	100	-	100
			Total	**30**	**22**			
I-VI	5	21UCW65OR01	**Outreach Programme**		4			
			TOTAL(three years)	**180**	**130(6)**			

M.Sc. BOTANY							
PROGRAMME PATTERN							
Course Details					**Scheme of Exams**		
Sem	**Code**	**Course Title**	**Hrs**	**Cr**	**CIA**	**SE**	**Final**
I	21PBO1CC01	Plant Diversity-I: Thallophytes and Bryophytes	5	4	100	100	100
	21PBO1CC02	Plant Diversity-II: Pteridophytes, Gymnosperms & Paleobotany	5	4	100	100	100
	21PBO1CC03	Plant Anatomy, Embryology and Morphogenesis	5	4	100	100	100
	21PBO1CP01	Laboratory Course-1: Thallophytes, Bryophytes, Pteridophytes, Gymnosperms And Palaeobotany	4	4	100	100	100
	21PBO1CP02	Laboratory Course-2: Plant Anatomy, Embryology And Morphogenesis	2	2	100	100	100
	21PBO1ES01A	**DSE-1:** Ecology and Phytogeography	5	4	100	100	100
	21PBO1ES01B	**DSE-1:** Forestry and Wood Science					
	21PBO1AE01	**AEC :** Horticulture and Landscape designing	4	3	50	50	50
		Total	**30**	**25**			
II	21PBO2CC04	Plant Physiology	6	6	100	100	100
	21PBO2CC05	Biochemistry	5	5	100	100	100
	21PBO2CP03	Laboratory Course -3: Plant Physiology	3	3	100	100	100
	21PBO2CP04	Laboratory Course -4:Biochemistry	3	3	100	100	100
	21PBO2SP01	**Self-Paced learning:** Plant Breeding and Evolution	-	2	50	50	50
	21PBO2ES02A	**DSE-2:**Biophysics and Instrumentation	5	4	100	100	100
	21PBO2ES02B	**DSE-2:** Plant Pathology					
	21PSS2SE01	**SEC:** Soft skills	4	3	100	-	100
	21PBO2EG01	**GE- 1**(WS): Medicinal Botany	4	3	100	100	100
		Extra Credit courses (MOOC)-1	-	(2)			
		Total	**30**	**29(2)**			
III	21PBO3CC06	Plant Systematics	5	5	100	100	100
	21PBO3CP05	Laboratory Course -5:Plant Systematics	4	3	100	100	100
	21PBO3CC07	Research Methodology	5	4	100	100	100
	21PBO3CC08	Pharmacognosy	4	3	100	100	100
	21PBO3CP06	Laboratory Course -6: Research Methodology	3	2	100	100	100
	21PBO3ES03A	**DSE-3:** Organic Farming	5	4	100	100	100
	21PBO3ES03B	**DSE-3:** Bioinformatics and Bionanotechnology					
	21PBO3EG02	**GE-2** (BS): Horticulture and Landscaping	4	3	100	100	100
	21PBO3FV01	Field Visit		1	100	-	100
		Extra Credit Courses (MOOC)-2		(2)			
		Total	**30**	**25(2)**			
IV	21PBO4CC09	Microbiology and Immunology	5	5	100	100	100
	21PBO4CC10	Genetic Engineering and Biotechnology	5	5	100	100	100
	21PBO4CC11	Cell and Molecular Biology	4	3	100	100	100
	21PBO4CP07	Laboratory Course- 7:Microbiology, Immunology, Genetic Engineering And Biotechnology	4	3	100	100	100
	21PBO4ES04A	**DSE-4:** Intellectual Property Rights	5	4	100	100	100
	21PBO4ES04B	**DSE-4:** Genetics					
	21PBO4PW01	**Project work**& Viva voce	7	5	100	100	100
	21PBO4CE01	Comprehensive Examination	-	2	50	50	50
		Extra Credit courses (MOOC)-3		(2)			
		Total	**30**	**27(2)**			
I-IV	21PCW4OR01	Outreach programme (SHEPHERD)		**4**			
		Total (Four Semesters)	**120**	**110(6)**			

BOARD OF STUDIES MEETING - HELD ON 06-06-2022 DEPARTMENT OF BOTANY St. JOSEPH'S COLLEGE(AUTONOMOUS) TIRUCHIRAPPALLI -620002		
S.No.	**Name and address**	**Signature**
1	Dr. V. Anand Gideon Associate Professor, Department of Botany, Bishop Heber College (Autonomous), Tiruchirappalli-620 017 **(University Representative)**	
2	Dr. Parimelazhagan Thangaraj Professor, Dept. of Botany School of Life Sciences Bharathiar University Coimbatore E-mail: drparimel@buc.edu.in Mobile: 8903001973 **(Subject Expert)**	-A-
3	Mr. Sasi Varier,K.S. Varier's Ashtanga Ayuoredics 2/564, Trichy-Thogamalai Road Thayanur Chandai,Trichy – 620 102. E-mail: sasivarier@gmail.com Mobile:9965906884	
4	Dr. S. R. Senthilkumar	
5	Dr. S. Sahaya Sathish	
6	Dr. K. Rajan	
7	Dr. A. Egbert Selwin Rose	
8	Dr. S. Soosairaj	-ML-
9	Dr. T. Francis Xavier	
10	Dr. M. Francis Sathiyaseelan	
11	Rev. Dr. L. John Peter Arulanandam SJ	
12	Dr. H. David Raja	
13	Dr. A. Johny Kumar Tagore	
14	Dr. S. Anusuya	
15	Dr. M. Bastin Churchill	

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

SCHOOL OF COMPUTING SCIENCES

DEPARTMENT OF COMPUTER SCIENCE

MINUTES OF THE BOARD OF STUDIES IN COMPUTER SCIENCE HELD ON 06.06.2022

The Board of Studies meeting for B.Sc., (CS) and MCA was held on 6th June 2022 at 12.30 PM. The Board members *Dr. K. Mani, Associate Professor, Nehru Memorial College (Autonomous), Puthanampatti, Tiruchirappalli (University Representative),* and all the faculty members of the Department of Computer Science (both Shift I & Shift II) were Present except Dr. L. Arockiam (on ML), and the external members *Dr. C. Balakrishnan and Mr. Jude Harris.*

The meeting started with a silent prayer. The Head of the department welcomed the external expert as well as the department faculty members for the Board of Studies Meeting and requested the house to participate in the discussion. Head of the Department presented the programme pattern for MCA and B.Sc. CS.

The Board members discussed and decided the following:

- As decided in the pre-board meeting held on 26-05-2022. The house accepted to retain B.Sc. (CS) 2021 and MCA 2021 syllabus without any changes.
- The board verified and approved the following modified course codes for B.Sc. (CS) & MCA Courses and approved the complete programme pattern for MCA and B.Sc. CS.

Sem.	B.Sc (CS) 2021		
	Old Course Code	**Course Title**	**Modified (New) Course Code**
III	21UCS33AO3A	Allied Optional : Applied Physics-I	21UCS33AO03A
	21UCS33AO3B	Allied Optional : Principles of Electronics	21UCS33AO03B
	21UHE34VE3A	Professional Ethics–I: Social Ethics - I	21UHE34VE03A
	21UHE34VE3B	Professional Ethics I: Religious Doctrine- I	21UHE34VE03B
IV	21UTA41GL4B	Scientific Tamil (SBS, SPS,SCS)	21UTA41GL04B
	21UCS43AO4A	Allied Optional : Applied Physics--2	21UCS43AO04A
	21UCS43AO4B	Allied Optional : Communication Electronics	21UCS43AO04B
	21UCS43AP1A	**Applied Optional:** Physics Practical	21UCS43AP01A
	21UCS43AP1B	**Applied Optional:** Electronics Practical	21UCS43AP01B
	21UHE44VE4A	Professional Ethics–II: Social Ethics – II	21UHE44VE04A
	21UHE44VE4B	Professional Ethics II: Religious Doctrine- II	21UHE44VE04B
V	21UCS53ES1A	DSE -1:Operating Systems	21UCS53ES01A
	21UCS53ES1B	DSE-1: Digital Marketing	21UCS53ES01B
	21UCS53ES2A	DSE -2: Computer Networks	21UCS53ES02A
	21UCS53ES2B	DSE -2: Security in Computing	21UCS53ES02B
VI	21UCS63ES3A	DSE -3: Big Data Analytics	21UCS63ES03A
	21UCS63ES3B	DSE -3: Cloud Computing	21UCS63ES03B
	21UCS63ES4A	DSE -4: Internet of Things	21UCS63ES04A
	21UCS63ES4B	DSE-4: Artificial Intelligence and Machine Learning	21UCS63ES04B

Sem.	MCA 2021		
	Old Course Code	**Course Title**	**Modified (New) Course Code**
I	21PCA1ES1A	DSE-1: Digital Computer Architecture	21PCA1ES01A
	21PCA1ES1B	DSE -1 :Graph and Automata Theory	21PCA1ES01B
II	21SCS2ES2A	DSE -2: Design and Analysis of Algorithm	21SCS2ES02
	21PCA2EG1A	GE-1(WS): Applied Statistics using R	21PCA2EG01
	21PMA2EG1B	GE-1(WS): Mathematical Foundations	21PMA2EG01
III	21PCA3ES3A	DSE -3: MEAN Stack WebApp Development	21PCA3ES03A
	21PCA3ES3B	DSE -3:PHP Programming	21PCA3ES03B
IV	21PCA4ES4A	DSE -4:Recent trends in Computer Science	21PCA4ES04A
	21PCA4ES4B	DSE -4:Big Data Analytics	21PCA4ES04B
	MCA Bridge Courses for Non-Computer Science Stream Students		
I	21PCA1BCC1	C Programming	21PCA1BC01
	21PCA1BCC2	C Programming Lab	21PCA1BC02
II	21PCA2BCC3	Web Design (HTML5, Java Script & CSS)	21PCA2BC03
	21PCA2BCC4	Web Design (HTML5, Java Script & CSS) Lab	21PCA2BC04
III	21PCA3BCC5	Web Graphics	21PCA3BC05
	21PCA3BCC6	Web Graphics Lab	21PCA3BC06

Any other matter:

The Head of the department requested the faculty members (Those who are not given) to give panel of examiners for the course designed by them in B.Sc (CS) & MCA 2021 at the earliest.

The meeting came to an end with the thanking note of the HoD at 1.00 PM.

B. Sc. COMPUTER SCIENCE								
PROGRAMME PATTERN								
Course Details						**Scheme of Exams**		
Sem	**Part**	**Course Code**	**Course Title**	**Hrs**	**Cr**	**CIA**	**SE**	**Final**
I	1	21UTA11GL01	General Tamil - I	4	3	100	100	100
		21UFR11GL01	French-I					
		21UHI11GL01	Hindi-I					
		21USA11GL01	Sanskrit-I					
	2	21UEN12GE01	General English -I	5	3	100	100	100
	3	21UCS13CC01	Problem Solving using C	5	3	100	100	100
		21UCS13CC02	Digital Computer Fundamentals	5	3	100	100	100
		21UCS13CP01	Software Lab 1: Programming with C	3	2	100	100	100
		21UCS13AC01	**Allied:**Mathematics-1	6	4	100	100	100
	4	21UEN14AE01	**AECC-1 :** Communicative English	(6)	4	100	-	100
		21UHE14VE01	Essentials of Humanity	2	1	50	50	50
			Total	**30**	**23**			
II	1	21UTA21GL02	General Tamil - II	4	3	100	100	100
		21UFR21GL02	French-II					
		21UHI21GL02	Hindi-II					
		21USA21GL02	Sanskrit-II					
	2	21UEN22GE02	General English -II	5	3	100	100	100
	3	21UCS23CC03	Object Oriented Programming with C++	4	3	100	100	100
		21UCS23CC04	Data Structures and Algorithms	4	2	100	100	100
		21UCS23CP02	Software Lab 2: C++ and Data Structures	3	2	100	100	100
		21UCS23AC02	**Allied:**Mathematics-2	6	4	100	100	100
	4	21UHE24AE02	**AECC-2:** Environmental Studies	2	2	50	50	50
		21UHE24VE02	Techniques of Social Analysis: Fundamentals of Human Rights	2	1	50	50	50
			Extra Credit Courses (MOOC)-1	-	(2)			
			Total	**30**	**20(2)**			
III	1	21UTA31GL03	General Tamil - III	4	3	100	100	100
		21UFR31GL03	French-III					
		21UHI31GL03	Hindi-III					
		21USA31GL03	Sanskrit-III					
	2	21UEN32GE03	General English -III	5	3	100	100	100
	3	21UCS33CC05	Discrete Mathematics	4	3	100	100	100
		21UCS33CC06	Database Systems	4	2	100	100	100
		21UCS33CP03	Lab 3:Hardware	3	2	100	100	100
		21UCS33AO03A	**Allied Optional** : Applied Physics-I	4	3	100	100	100
		21UCS33AO03B	**Allied Optional** : Principles of Electronics-I					
		@	Applied Physics Practical	2	*	-	-	-
		@	Electronics Practical					
	4	21UCS34SE01	**SEC -1 (WD):** RDBMS	2	1	100	-	100
		21UHE34VE03A	Professional Ethics–I:Social Ethics - I	2	1	50	50	50
		21UHE34VE03B	Professional Ethics I: Religious Doctrine- I					
			Extra Credit Courses (MOOC)		(2)			
			Total	**30**	**18(2)**			
	1	21UTA41GL04B	Scientific Tamil (SBS, SPS,SCS)	4	3	100	100	100
		21UFR41GL04	French- IV					
		21UHI41GL04	Hindi- IV					
		21USA41GL04	Sanskrit- IV					
	2	21UEN42GE04	General English - IV	5	3	100	100	100
		21UCS43CC07	Operations Research	4	3	100	100	100
		21UCS43CC08	Python Programming	4	2	100	100	100
		21UCS43CP04	Software Lab 4: Python Programming	3	2	100	100	100

IV	3	21UCS43AO04A	**Allied Optional:** Applied Physics-2	4	3	100	100	100
		21UCS43AO04B	**Allied Optional:** Principles of Electronics-2					
		21UCS43AP01A	**Applied Optional:** Physics Practical	2	2	100	100	100
		21UCS43AP01B	**Applied Optional:** Electronics Practical					
	4	21UCS44SE02	**SEC -2 (BS) :** Data Analysis Using Spreadsheet	2	1	100	-	100
	4	21UHE44VE04A	Professional Ethics–II: Social Ethics - II	2	1	50	50	50
		21UHE44VE04B	Professional Ethics II: Religious Doctrine- II					
			Total	**30**	**20**			
V	3	21UCS53CC09	Java Programming	4	2	100	100	100
		21UCS53CC10	Distributed Technology	4	2	100	100	100
		21UCS53CP05	Software Lab 5: Java Programming	3	2	100	100	100
		21UCS53CP06	Software Lab 6: Distributed Programming	3	2	100	100	100
		21UCS53ES01A	**DSE -1:**Operating Systems	5	3	100	100	100
		21UCS53ES01B	**DSE-1:** Digital Marketing					
		21UCS53ES02A	**DSE -2:** Computer Networks	5	3	100	100	100
		21UCS53ES02B	**DSE -2:** Security in Computing					
		21UCS53IS01	Internship	-	2	100	-	100
		21UCS53SP01	**Self-paced Learning :** Web Ethics	-	2	50	50	50
		21UCS53FV01	Field study/ Industrial visit/ Case study	-	1	100	-	100
	4	21USS54SE03	**SEC -3 :** Soft Skills	2	1	100	-	100
	4	21UCS54EG01	**GE-1:**Ethical Hacking	4	3	100	100	100
			Extra Credit Courses (MOOC)-3	-	(2)			
			Total	**30**	**23(2)**			
VI	3	21UCS63CC11	Software Engineering	4	3	100	100	100
		21UCS63CC12	Mobile Application Development using Android	4	3	100	100	100
		21UCS63CP07	Software Lab 7: Android Programming	3	2	100	100	100
		21UCS63ES03A	**DSE -3**: Big Data Analytics	5	3	100	100	100
		21UCS63ES03B	**DSE -3:** Cloud Computing					
		21UCS63ES04A	**DSE -4:** Internet of Things	5	3	100	100	100
		21UCS63ES04B	**DSE-4:** Artificial Intelligence and Machine Learning					
		21UCS63PW01	Project Work	3	2	100	100	100
		21UCS63CE01	Comprehensive Examination	-	2	50	50	50
	4	21UCS64SE04	**SEC -4 (WS):** E-Services and Applications	2	1	100	-	100
		21UCS64EG02	**GE-2:** 3D Printing and Design	4	3	100	100	100
			Total	**30**	**22**			
I-VI	5	21UCW65OR01	Outreach Programme (SHEPHERD)		4			
			TOTAL (three years)	**180**	**130(6)**			

MCA (MASTER OF COMPUTER APPLICATIONS)							
PROGRAMME PATTERN							
Course Details					**Scheme of Exams**		
Sem	**Course Code**	**Course Title**	**Hrs**	**Cr**	**CIA**	**SE**	**Final**
I	21PCA1CC01	Database Systems	5	4	100	100	100
	21PCA1CC02	Operations Research	5	4	100	100	100
	21PCA1CC03	Programming in Java	5	4	100	100	100
	21PCA1CP01	Software Lab – 1: Java	3	3	100	100	100
	21PCA1CP02	Software Lab – 2: RDBMS	3	3	100	100	100
	21PCA1ES01A	**DSE-1:** Digital Computer Architecture	5	4	100	100	100
	21PCA1ES01B	**DSE -1 :**Graph and Automata Theory					
	21PCA1AE01	**AEC :**OrganisationalBehaviour	4	3	50	50	50
		Total	**30**	**25**			
II	21PCA2CC04	Programming Smart Devices	4	3	100	100	100
	21PCA2CC05	Software Engineering	4	3	100	100	100
	21PCA2CC06	Data Analysis using Python	4	3	100	100	100
	21PCA2CP03	Software Lab – 3: Programming Smart Devices	3	3	100	100	100
	21PCA2CP04	Software Lab – 4: Python	2	2	100	100	100
	21PCA2SP01	**Self-Paced Learning:** XML	-	*2*	50	50	50
	21SCS2ES02	**DSE -2:** Design and Analysis of Algorithms	5	4	100	100	100
	21PSS2SE01	**SEC:** Soft skills	4	3	100	-	100
	21PCA2EG01	**GE-1**(WS): Applied Statistics using R	4	3	100	100	100
	21PMA2EG01	**GE-1**(WS): Mathematical Foundations					
	---	Extra Credit Courses (MOOC)-1	-	(2)			
		Total	**30**	**26(2)**			
III	21PCA3CC07	Distributed Technologies	5	4	100	100	100
	21PCA3CC08	Computer Networks and Security	5	4	100	100	100
	21PCA3CC09	Accounting and Financial Management	5	4	100	100	100
	21PCA3CP05	Software Lab -5: Distributed Technologies	3	3	100	100	100
	21PCA3CP06	Case Study based Application Development	3	3	100	100	100
	21PCA3ES03A	**DSE -3:** MEAN Stack WebApp Development	5	4	100	100	100
	21PCA3ES03B	**DSE -3:**PHP Programming					
	21PCA3EG02	**GE-2** (BS): Web Design	4	3	100	100	100
	21PCA3CE01	Comprehensive Examination	-	2	50	50	50
	---	Extra Credit Courses (MOOC)-2		(2)			
		Total	**30**	**27(2)**			
IV	21PCA4ES04A	**DSE -4:**Recent trends in Computer Science#	5	4	100	100	100
	21PCA4ES04B	**DSE -4:**Big Data Analytics #					
	21PCA4PW01	Project Work & Viva-Voce	25	24	100	100	100
	---	Extra Credit Courses (MOOC)-3	-	(2)			
		Total	**30**	**28(2)**			
I-IV	21PCW4OR01	Outreach Programme (SHEPHERD)		4			
		Total (Four Semesters)	**120**	**110(6)**			

BOARD OF STUDIES MEETING - HELD ON 06-06-2022 DEPARTMENT OF COMPUTER SCIENCE St. JOSEPH'S COLLEGE(AUTONOMOUS) TIRUCHIRAPPALLI -620002		
S. No.	**Name and address**	**Signature**
1.	Dr. K. Mani, Associate Professor, Department Of Computer Science, Nehru Memorial College (Autonomous), Puthanampatti – 621 007, Tiruchirappalli District **(University Representative)**	06/06/2022
2.	Dr. C. Balakrishnan, Alagappa Institute of Skill Development, Alagappa University, Karaikudi – 630 003, E-mail: balasjc@gmail.com Mobile: 9865782529 **(Subject Expert)**	–
3.	Mr. P. Tony Reagan 129, Aruvi Block, St. Paul's Complex, I Floor Bharathiar salai, Trichy – 620 001, E-mail: tonyreagan@systechacademy.com Mobile: 9842496097	–
4.	Mr. A. Charles	
5.	Dr. D. P. Jeyapalan	
6.	Dr. S. Albert Rabara	
7.	Dr. L. Arockiam	ML
8.	Mr. V. S. Joe Irudayaraj	V.S. J
9.	Dr. D. Ravindran	
10.	Dr. S. Britto Ramesh Kumar	
11.	Dr. A. Aloysius	
12.	Dr. V. Jude Nirmal	
13.	Rev. Dr. S. Arul Oli SJ	

	Rev. Dr. S. Santiago SJ	
15.	Dr. K.R. Martin	
16.	Mr. J. Rex	
17.	Ms. S. Josephine Theresa	
18.	Dr. K. Maheswaran	
19.	Mr. C. Mohanraja	
20.	Dr. B. Rex Cyril	
21.	Dr. J. Antony John Prabu	
22.	Dr. A. Vimal Jerald	
23.	Mr. Y. Sunil Raj	
24.	Dr. T. Kokilavani	
25.	Ms. A.H. Amalorpava Akila	
26.	Ms. S. Thulasi Bharathi	
27.	Dr. A. Jenifer Jothi Mary	
28.	Ms. Sherine Dominick	

Dr. Y. DOMINIC
Dean-School of Computing Sciences
St. Joseph's College (Autonomous)
Tiruchirappalli-620 002.

Head of the Department
Department of Computer Science
St. Joseph's College(Autonomous)
Tiruchirappalli-620 002.

DEPARTMENT OF DATA SCIENCE

MINUTES OF THE BOARD OF STUDIES IN DATA SCIENCE HELD ON 06.06.2022

The Board of Studies meeting of the Department of Data Science was held on 06-06-2022 (Monday) at 12:00p.m. in the faculty room of the Department of Data Science to get approval of the updated/ corrected 2021 LOCF based M.Sc., (Data Science) syllabus.

The following experts were present

- Dr. H. Karamath Ali, Associate Professor, (University Nominee)
  Department of Computer Science,
  ThanthaiPeriyar Government Arts and Science College (Autonomous),
  Tiruchirappalli-620 023
  Email: hkaramath@yahoo.com
  Mobile: +919443628962
- Dr. P. Anand Kumar, (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 werepresent

1. Dr.V.Arul Kumar Assistant Professor
2. Dr.I.Priya Stella Mary Assistant Professor
3. Dr.Kirushanth Assistant Professor
4. Dr.A. Beatrice Dorothy Assistant Professor

The meeting started with a prayer offered by Dr.A.Beatrice Dorothy. The external experts and the department faculty members were welcomed by Dr.V.Arul Kumar for the Board of Studies Meeting.Dr.I. Priya Stella Mary discussed the changes made in the revised 2021 syllabus to be passed in the Board of Studies meeting.

The following are the changes made in the revised 2021 syllabus

1. The Course codes of all the Discipline specific Elective Courses have been changed as mentioned in the following table

S. No.	Course Code	Modified Course Code	Course Name
1	21PDS1ES1A	21PDS1ES01A	**DSE-1:** Design and Analysis of Algorithms
2	21PDS1ES1B	21PDS1ES01B	**DSE-1:** Object Oriented System Development

3	21PDS2ES2A	21PDS2ES02A	**DSE -2**: Machine Learning
4	21PDS2ES2B	21PDS2ES02B	**DSE-2:** WAP and XML
5	21PDS3ES3A	21PDS3ES03A	**DSE-3:** Cryptography and Network Security
6	21PDS3ES3B	21PDS3ES03B	**DSE-3:** Natural Language Processing
7	21PDS4ES4A	21PDS4ES04A	**DSE-4:** Sentiment Analysis
8	21PDS4ES4B	21PDS4ES04B	**DSE-4:** Soft Computing

2. The content under Unit 3 of Self- Paced Learning: Python for Data Science (Course Code : 21PDS2SP01) was omitted, and the content of Unit 2 was wrongly added under Unit 3. The corrected syllabus of the self-Paced learning course was placed before the Board of Studies meeting for passing and the same will be placed before the academic Council for approval.
   - The examiner list with three examiners per course was presented and approved by the board
   - Finally the updated/corrected syllabus was approved by the board which recommended the same for the approval of the academic council
   - The meeting ended with a vote of thanks proposed by Dr.M.Kriushanth

M.Sc. DATA SCIENCE							
PROGRAMME PATTERN							
Course Details					**Scheme of Exams**		
Sem	**Code**	**Course Title**	**Hrs**	**Cr**	**CIA**	**SE**	**Final**
I	21PDS1CC01	Statistical Computing	5	5	100	100	100
	21PDS1CC02	Data Science and Big Data Analytics	4	4	100	100	100
	21PDS1CC03	Advanced Database Management Systems	4	4	100	100	100
	21PDS1CP01	Software Lab-1: R Programming	4	2	100	100	100
	21PDS1CP02	Software Lab-2: Databases	4	2	100	100	100
	21PDS1ES01A	**DSE-1:** Design and Analysis of Algorithms	5	4	100	100	100
	21PDS1ES01B	**DSE-1:** Object Oriented System Development					
	21PDS1AE01	**AEC:** Artificial Intelligence	4	3	50	50	50
		Extra Credits courses (MOOC)-1	-	**(2)**			
		Total	**30**	**24 (2)**			
II	21PDS2CC04	Multivariate Techniques for Data Analytics	5	5	100	100	100
	21PDS2CC05	Advanced Web Technology	4	4	100	100	100
	21PDS2CP03	Software Lab-3: Advanced Web Technology	4	2	100	100	100
	21PDS2CP04	Software Lab-4: Machine Learning	4	2	100	100	100
	21PDS2SP01	**Self- Paced Learning**: Python for Data Science	-	2	50	50	50
	21PDS2ES02A	**DSE -2**: Machine Learning	5	4	100	100	100
	21PDS2ES02B	**DSE-2:** WAP and XML					
	21PSS2SE01	**SEC: Soft skills**	4	3	100	-	100
	21PDS2EG01	**GE-1(WS):** Internet of Things	4	3	100	100	100
		Extra Credits courses (MOOC)-2	-	(2)			
		Total	**30**	**25(2)**			
III	21PDS3CC06	Time Series and Sampling Theory	5	5	100	100	100
	21PDS3CC07	Software Project Management	4	4	100	100	100
	21PDS3CC08	Cloud Computing	4	4	100	100	100
	21PDS3CC09	Digital Image Processing	4	4	100	100	100
	21PDS3CP05	Software Lab-5: Image Processing	4	2	100	100	100
	21PDS3IS01	Internship	-	2	100	-	100
	21PDS3ES03A	**DSE-3:** Cryptography and Network Security	5	4	100	100	100
	21PDS3ES03B	**DSE-3:** Natural Language Processing					
	21PDS3EG02	**GE-2 (BS):** Deep Learning	4	3	100	100	100
		Extra Credits courses (MOOC)-3	-	**(2)**			
		Total	**30**	**28(2)**			
IV	21PDS4PW01	**Project work**& Viva Voce	21	19	100	100	100
	21PDS4CE01	Comprehensive Examination	-	2	50	50	50
	21PDS4CC10	Business Intelligence	4	4	100	100	100
	21PDS4ES04A	**DSE-4:** Sentiment Analysis	5	4	100	100	100
	21PDS4ES04B	**DSE-4:** Soft Computing					
		TOTAL	**30**	**29**			
I-IV	21PCW4OR01	Outreach Programme (SHEPHERD)		**4**			
Total (Four Semesters)			**120**	**110(6)**			

1.	Dr. H. Karamath Ali	Associate Professor	06/06/22
2.	Dr. P. Anand Kumar,	Director & Corporate Trainer	P. Anand kumar.
3.	Dr.L.Arockiam	Associate Professor & Head	- Absent
4.	Dr.V.Arul Kumar	Assistant Professor	6/6/22
5.	Dr.I.Priya Stella Mary	Assistant Professor	6/6/22
6.	Dr.Kirushanth	Assistant Professor	6/6/2022
7.	Dr.A.Beatrice Dorothy	Assistant Professor	6/6/2022

6/6/22

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

Dr. Y. DOMINIC
Dean-School of Computing Sciences
St. Joseph's College (Autonomous)
Tiruchirappalli-620 002.

DEPARTMENT OF INFORMATION TECHNOLOGY

MINUTES OF THE BOARD OF STUDIES IN INFORMATION TECHNOLOGY HELD ON 06.06.2022

The meeting commenced with a silent prayer followed by the welcome address by the HoD. He debriefed the agenda. Dr.J.G.R Sathiyaseelan, Associate Professor & Head, Department of Computer Science, Bishop Heber College, Trichy -620 017, the University Representative was present for the meeting. Dr. A.PadmaPriya, Associate Professor, Department of Computer Science, Alagappa University, Karaikudi- 630 003, the Subject Expert was unable to attend the meeting due to personal reasons. Except Dr. S. Hendry Leo Kanikam and Dr. P. Bastin Thayagaraj, all the faculty members were present for the meeting.

- The recently formed syllabus was scrutinized by the Expert & Faculty members and declared unanimously that no changes are required in the UG, PG and Diploma Programmes.
- It was found that there were some anomalies with Allied Mathematics I and II, the Department of Mathematics have taken responsibility and it will be carried out in their Board of Studies. The Experts permitted to follow that syllabus.
- The modified course code of the electives and DSEs were made and it was accepted.

The meeting came to end at 1.15 PM with vote of thanks given by Dr. P. Joseph Charles.

B.C.A. BACHELOR OF COMPUTER APPLICATIONS								
PROGRAMME PATTERN								
Course Details						Scheme of Exams		
Sem	Part	Course Code	Course Title	Hrs	Cr	CIA	SE	Final
I	1	21UTA11GL01	General Tamil - I	4	3	100	100	100
		21UFR11GL01	French-I					
		21UHI11GL01	Hindi-I					
		21USA11GL01	Sanskrit-I					
	2	21UEN12GE01	General English -I	5	3	100	100	100
	3	21UBC13CC01	Information Systems	5	2	100	100	100
	3	21UBC13CC02	C Programming	5	2	100	100	100
	3	21UBC13CP01	Software Lab -1: C Programming	3	2	100	100	100
	3	21UBC13AC01	**Allied:** Mathematics -I	6	4	100	100	100
	4	21UHE14VE01	Essentials of Humanity	2	1	50	50	50
	4	21UEN14AE01	**AECC-1** : Communicative English	(6)	4	100	-	100
			Total	**30**	**21**			
II	1	21UTA21GL02	General Tamil - II	4	3	100	100	100
		21UFR21GL02	French-II					
		21UHI21GL02	Hindi-II					
		21USA21GL02	Sanskrit-II					
	2	21UEN22GE02	General English-II	5	3	100	100	100
	3	21UBC23CC03	Digital Computer Fundamentals	4	2	100	100	100
	3	21UBC23CC04	Relational Database Management Systems	4	2	100	100	100
	3	21UBC23CP02	Software Lab - 2: Relational Database Management Systems	3	2	100	100	100
	3	21UBC23AC02	**Allied:** Mathematics -II	6	4	100	100	100
	4	21UHE24VE02	Techniques of Social Analysis: Fundamentals of Human Rights	2	1	50	50	50
	4	21UHE24AE02	**AECC-2:** Environmental Studies	2	2	50	50	50
			Extra Credit courses (MOOC)-1	-	(2)	-	-	-
			Total	**30**	**19(2)**			
III	1	21UTA31GL03	General Tamil - III	4	3	100	100	100
		21UFR31GL03	French-III					
		21UHI31GL03	Hindi-III					
		21USA31GL03	Sanskrit-III					
	2	21UEN32GE03	General English -III	5	3	100	100	100
	3	21UBC33CC05	Data Structures and Algorithms	4	2	100	100	100
	3	21UBC33CC06	C# .NET	4	3	100	100	100
	3	21UBC33CP03	Software Lab -3: C# .NET	3	2	100	100	100
	3	21UBC33AO03A	**Allied Optional :** Financial Accounting Package – Tally Prime	3	2	100	100	100
	3	21UBC33AP01A	**Allied Optional Practical** : Software Lab I : Financial Accounting Package – Tally Prime Basic	3	2	100	100	100
		21UBC33AO03B	**Allied Optional:** Accounts -1	(6)	(4)	100	100	100
	4	21UBC34SE01	**SEC -1** (WD): Numerical Aptitude	2	1	100	-	100
	4	21UHE34VE03A	Professional Ethics–I: Social Ethics - I	2	1	50	50	50
		21UHE34VE03B	Professional Ethics I: Religious Doctrine- I					
			Extra Credit courses (MOOC)-2		(2)	-	-	-
			Total	**30**	**19(2)**			

IV	1	21UTA41GL04B	Scinetific Tamil(SBS, SPS,SCS)	4	3	100	100	100
		21UFR41GL04	French- IV					
		21UHI41GL04	Hindi-IV					
		21USA41GL04	Sanskrit-IV					
	2	21UEN42GE04	General English – IV	5	3	100	100	100
	3	21UBC43CC07	Software Engineering	4	2	100	100	100
	3	21UBC43CC08	Java Programming	4	2	100	100	100
	3	21UBC43CP04	Software Lab – 4: Java Programming	3	2	100	100	100
	3	21UBC43AO04A	**Allied Optional** : Financial Accounting Package – Tally Prime Advanced	3	2	100	100	100
	3	21UBC43AP02A	**Allied Optional Practical** : Software Lab II: Financial Accounting Package – Tally Prime Advanced	3	2	100	100	100
		21UBC43AO04B	**Allied Optional:** Accounts -II	(6)	(4)	100	100	100
	4	21UBC44SE02	**SEC -2** (BS): Digital Artwork	2	1	100	-	100
	4	21UHE44VE04A	Professional Ethics–II: Social Ethics - II	2	1	50	50	50
		21UHE44VE04B	Professional Ethics II: Religious Doctrine-II					
			Total	**30**	**18**			
V	3	21UBC53CC09	Programming with ASP.Net	4	3	100	100	100
		21UBC53CC10	Web Technologies	4	3	100	100	100
	3	21UBC53CP05	Software Lab-5 :Programming with ASP.Net	3	2	100	100	100
	3	21UBC53CP06	Software Lab-6 : Web Technologies	3	2	100	100	100
	3	21UBC53ES01A	**DSE -1: Operating Systems**	5	3	100	100	100
		21UBC53ES01B	**DSE -1:** Linux Programming					
	3	21UBC53ES02A	**DSE -2:** Communication Networks	5	3	100	100	100
		21UBC53ES02B	**DSE -2 :** Software Testing					
	3	21UBC53IS01	Internship	-	2	100	-	100
	3	21UBC53SP01	**Self-paced learning:** Cloud Computing	-	2	50	50	50
	3	21UBC53FV01	Field study/ Industrial visit/ Case study	-	1	100	-	100
	4	21USS54SE03	**SEC -3** : Soft Skills	2	1	100	-	100
	4	21UBC54EG01	**GE-1**: Fundamentals Of Data Science	4	3	100	100	100
			Extra Credit courses (MOOC)-3	-	(2)			
			Total	**30**	**25(2)**			
VI	3	21UBC63CC11	Python Programming	4	3	100	100	100
	3	21UBC63CC12	Mobile Application Development Using Android	4	3	100	100	100
	3	21UBC63CP07	Software Lab - 7 : Python Programming	3	2	100	100	100
	3	21UBC63CP08	Software Lab - 8 : Android	3	2	100	100	100
	3	21UBC63ES03A	**DSE-3:** Information Security	5	3	100	100	100
		21UBC63ES03B	**DSE -3:** Business Intelligence					
	3	21UBC63ES04A	**DSE-4 :** Fundamentals of IoT	5	3	100	100	100
		21UBC63ES04B	**DSE-4 :** Cross Platform App Development					
	3	21UBC63PW01	Project Work and Viva Voce	-	2	100	100	100
	3	21UBC63CE01	Comprehensive Examination	-	2	50	50	50
	4	21UBC64SE04A	**SEC-4** (WS): Web Design	2	1	100	-	100
		21UBC64SE04B	**SEC-4** (WS): 3D Animation					
	4	21UBC64EG02	**GE-2 :** Industry 4.0	4	3	100	100	100
			Total	**30**	**24**			
I-VI	5	21UCW65OR01	Outreach programme (SHEPHERD)		4			
			Total(three years)	**180**	**130(6)**			

M.Sc. COMPUTER SCIENCE							
PROGRAMME PATTERN							
Course Details					**Scheme of Exams**		
Sem	**Code**	**Course Title**	**Hrs**	**Cr**	**CIA**	**SE**	**Final**
I	21PCS1CC01	Programming in Java	5	5	100	100	100
	21PCS1CC02	NoSQL with MongoDB	5	5	100	100	100
	21PCS1CC03	Mathematical Foundations	5	5	100	100	100
	21PCS1CP01	Practical I – Java	3	2	100	100	100
	21PCS1CP02	Practical II – MongoDB	3	2	100	100	100
	21PCS1ES01A	**DSE-1:** Data Structures and Algorithm Design Methods	5	4	100	100	100
	21PCS1ES01B	**DSE-1:** High Performance Computing					
	21PCS1AE01	**AEC:** Big Data Analytics	4	3	50	50	50
		Extra Credit courses (MOOC)-1	-	(2)			
		Total	**30**	**26 (2)**			
II	21PCS2CC04	Programming with C# using ASP.NET	6	5	100	100	100
	21PCS2CC05	Data Science Using Python	5	5	100	100	100
	21PCS2CP03	Practical III – ASP.NET	3	2	100	100	100
	21PCS2CP04	Practical IV - Python	3	2	100	100	100
	21PCS2SP01	**Self-Paced Learning:** Computer Networks	-	2	50	50	50
	21PCS2ES02A	**DSE-2:** Internet of Things	5	4	100	100	100
	21PCS2ES02B	**DSE-2:**Compiler Design					
	21PSS2SE01	**SEC**: Soft skills	4	3	100	-	100
	21PCS2EG01	**GE-1**(WS): Mobile Adhoc Networks (MANET)	4	3	100	100	100
	21PMA2EG01	**GE-1**(WS): Mathematical Foundations (Offered by Math's)					
		Extra Credit courses (MOOC)-1	-	(2)			
		Total	**30**	**26 (2)**			
III	21PCS3CC06	Web Design using PHP	5	5	100	100	100
	21PCS3CC07	Smart Device Programming using Android	5	5	100	100	100
	21PCS3CP05	Practical V - PHP	3	2	100	100	100
	21PCS3CP06	Practical VI - Android	3	2	100	100	100
	21PCS3ES03A	**DSE-3:** Artificial Intelligence	5	4	100	100	100
	21PCS3ES03B	**DSE-3:** Computational Intelligence					
	21PCS3ES04A	**DSE-4**: Digital Marketing	5	4	100	100	100
	21PCS3ES04B	**DSE-4:**Ethical Hacking					
	21PCS3EG02	**GE-2** (BS): Advances in Computer Science	4	3	100	100	100
	21PCS3CE01	Comprehensive Examination	-	2	50	50	50
	21PCS3PW01	Mini Project Work	-	7	100	100	100
		Extra Credit courses (MOOC)-2		(2)			
		Total	**30**	**34 (2)**			
IV	21PCS4PW02	Major Project work & Viva Voce	30	20	100	100	100
		Total	**30**	**20**			
I-IV	21PCW4OR01	Outreach program (SHEPHERD)		4			
		Total (Four Semesters)	**120**	**110(6)**			

BOARD OF STUDIES MEETING - HELD ON 06-06-2022 DEPARTMENT OF INFORMATION TECHNOLOGY St. JOSEPH'S COLLEGE(AUTONOMOUS) TIRUCHIRAPPALLI -620002		
S. No.	**Name and address**	**Signature**
1.	Dr. J.G.R. Sathiyaseelan Associate Professor & Head Department of Computer Science, Bishop Heber College (Autonomous), Tiruchirappalli – 620 017 **(University Representative)**	6/6/2022
2.	Dr. A. Padma Priya Associate Professor, Dept. of Computer Science, Alagappa University Karaikudi – 630 003, E-mail: padmapriya10_mca@yahoo.com Mobile: 9443747211 **(Subject Expert)**	
3.	Mr. A. Vijay Xavier, Product Integration Analyst, Edgeverve System Ltd., No.44, Electronics City, Hosur Main Road, Bangalore – 560 100 E-mail: vijay_ponnudurai@edgeverve.com Mobile: 9686371029	
4.	Dr. P. Joseph Charles	
5.	Mr. S. Hendry Leo Kanickam	
6.	Dr. George Gabriel Richard Roy	
7.	Dr. A. Antony Prakash	
8.	Dr. V. Maria Antoniate Martin	
9.	Dr. T. Lucia Agnes Beena	
10.	Dr. P. Bastin Thiyagaraj	
11.	Dr. C. Venish Raja	
12.	Dr. R. Mangai Begum	
13.	Dr. A. Angelpreethi	
14.	Dr. D. Richard	
15.	Dr. I. Carol	

Dr. Y. DOMINIC
Dean-School of Computing Sciences
St. Joseph's College (Autonomous)
Tiruchirappalli-620 002.

DEPARTMENT OF MATHEMATICS

MINUTES OF THE BOARD OF STUDIES IN MATHEMATICS HELD ON 06.06.2022

Board of Studies meeting was held on 06-06-22 at 12.00 noon in the mathematics department staff room. Dr.T. Rajaratnam, Head of the department welcomed the university representative Dr S SethuRaman,Associative professor, department of mathematics,Periyar EVR college Tiruchirappalli and Mr. SenthilParamasivam, SVP technology Nallassoftware solutions pvt.,Coimbatore and Board members.

It was noticed during the second semester of 2021-2022, that some portion of the allied Mathematics – I for BCA is repeated for Mathematics – II also. So, the department decided to change the syllabus content of allied Mathematics – II. The new syllabus was prepared and implemented for the 2021-2022 batch. That syllabus was presented for the ratification of the BOS. The Board approved the syllabus.

Dr. S.Sethu Raman congratulatedthe department for the exceptional syllabus contents for both UG and PG.He insisted that the students lack the concept of the subjects everywhere.He requested the staff members to teach the basic concept of mathematics in detail. Mr.SenthilParamasivam shared with the faculty about the importance ofprogramming language in both UG and PG level. Dr. T.Rajaretnam alsoinsisted the importance of C programming languages in UG level and R-language in PG level.Dr M. Thiagarajan, associate professor, thanked the experts and the faculty members of the department especially The Head of the Department, Dr. T. Rajaretnam.

Semester	Course Code	Title of the Course	Hours	Credits
II	**21UBC23AC02**	**ALLIED: MATHEMATICS FOR BCA-II**	**6**	**4**

CO No.	CO-Statements	Cognitive Levels (K-levels)
	On successful completion of this course, students will be able to	
CO-1	acquire knowledge of probability, statistical methods and theoretical distributions.	**K1**
CO-2	understand the fundamental concepts of measures of central tendency, dispersion, correlation, theoretical distributions & test of significance of attributes.	**K2**
CO-3	construct appropriate mathematical model to solve a variety of practical problems.	**K3**
CO-4	accurate and efficient use of different methods such as measures of central tendency, dispersion, correlation, theoretical distributions & test of significance of attributes.	**K4**
CO-5	demonstrate the competency in solving problems related to probability and statistics.	**K5**

Unit – I **(18 Hours)**

Averages: Mean, Median, Mode - Measures of variation: Range, Standard deviation, co-efficient of skewness.

Unit – II **(18 Hours)**

Correlation co-efficient - Rank correlation - Curve fitting - Linear.

Unit – III **(18 Hours)**

Probability: Definition - Classical Approach of probability – Axiomatic approach of probability - Theorems of Probability - Independent Events - Baye's theorem.

Unit – IV **(18 Hours)**

Theoretical Distributions: Binomial distribution - Poisson distribution – Normal distribution - Properties of distributions (only mean, variance and Standard deviations) - Practical problems under distributions.

Unit-V **(18 Hours)**

Test of significance for attributes: Test for number of successes - Test for proportion of Successes – Test for difference between proportions (problems only).

Book for Study:

R.S.N. Pillai and Bagavathi, "***Statistics Theory and Practice***", 7th Edition, S. Chand and Company Ltd., New Delhi 2009.

Unit – I *Chapter 9 (Pages 126-139,145-154,156,166-170,172),*

Chapter 10 (Pages 245,259-268), Chapter 11 (Pages 341-348)

Unit – II *Chapter 12 (Pages 397-410,417-421), Chapter 15 (Pages 602-608)*

Unit – III *Chapter 18 (Pages 737-759)*

Unit – IV *Chapter 19 (Pages 769-801)*

Unit – V *Chapter 20 (Pages 814-823,826-831)*

Books for Reference:

1. *Fundamentals of Mathematical Statistics* by S.C.Gupta and V.K.Kapoor.
2. *Mathematical Statistics* by S.Venkatraman and P.R.Vittal-First Edition 1973 (Reprint 1974).
3. *Statistics* by Arumugam.

Relationship matrix for course outcomes, Programme outcomes / Programmes specific outcomes

Semester	Course Code			Title of the Paper				Hours		Credit
II	21UBC23AC02			ALLIED MATHEMATICS FOR BCA-II				6		4
Course Outcomes	Programme Outcomes (PO)					Programme Specific Outcomes (PSO)					Mean Scores of COs
	PO1	PO2	PO3	PO4	PO5	PSO1	PSO2	PSO3	PSO4	PSO5	
CO-1	3	2	2	2	1	3	3	2	2	3	2.2
CO-2	2	3	2	1	2	3	3	2	2	3	2.3
CO-3	1	2	3	2	3	2	3	2	3	2	2.3
CO-4	1	2	2	3	1	2	3	2	2	3	2.1
CO-5	1	2	2	2	3	1	3	2	2	3	2.1
Mean Overall Score											2.2 (High)

B.Sc. MATHEMATICS								
PROGRAMME PATTERN								
Course Details						Scheme of Exams		
Sem	**Part**	**Course Code**	**Course Title**	**Hrs**	**Cr**	**CIA**	**SE**	**Final**
I	1	21UTA11GL01	General Tamil - I	4	3	100	100	100
		21UFR11GL01	French-I					
		21UHI11GL01	Hindi-I					
		21USA11GL01	Sanskrit-I					
	2	21UEN12GE01	General English -I	5	3	100	100	100
	3	21UMA13CC01	Basic Mathematics	7	4	100	100	100
	3	21UMA13CC02	Integral Calculus	6	4	100	100	100
	3	21UMA13AC01	**Allied:** Statistics- I	6	4	100	100	100
	4	21UHE14VE01	Essentials of Humanity	2	1	50	50	50
	4	21UEN14AE01	**AECC-1:** Communicative English	(6)	4	100	-	100
			Total	**30**	**23**			
II	1	21UTA21GL02	General Tamil - II	4	3	100	100	100
		21UFR21GL02	French-II					
		21UHI21GL02	Hindi-II					
		21USA21GL02	Sanskrit-II					
	2	21UEN22GE02	General English -II	5	3	100	100	100
	3	21UMA23CC03	Analytical Geometry and Vector Calculus	6	4	100	100	100
	3	21UMA23CC04	Differential Equations	5	3	100	100	100
	3	21UMA23AC02	**Allied:** Statistics-II	6	4	100	100	100
	4	21UHE24VE02	Techniques of Social Analysis: Fundamentals of Human Rights	2	1	50	50	50
	4	21UHE24AE02	**AECC-2**: Environmental studies	2	2	50	50	50
			Extra Credit Courses (MOOC)-1	-	(2)			
			Total	**30**	**20(2)**			
III	1	21UTA31GL03	General Tamil - III	4	3	100	100	100
		21UFR31GL03	French-III					
		21UHI31GL03	Hindi-III					
		21USA31GL03	Sanskrit-III					
	2	21UEN32GE03	General English -III	5	3	100	100	100
	3	21UMA33CC05	Classical Algebra	6	4	100	100	100
	3	21UMA33CC06	Sequences and Series	5	3	100	100	100
		21UMA33AO03A	**Allied Optional:** Physics-1	4	3	100	100	100
	3	@	**Allied Optional:** Physics Practical	2	*	-	-	-
		21UMA33AO03B	**Allied Optional:** Accounts - I	(6)	(4)	100	100	100
	4	21UMA34SE01	**SEC -1 (WD):** Quantitative Techniques	2	1	100	-	100
	4	21UHE34VE03A	Professional Ethics–I: Social Ethics - I	2	1	50	50	50
		21UHE34VE03B	Professional Ethics I: Religious Doctrine- I					
			Extra Credit courses (MOOC)-2		(2)			
			Total	**30**	**18/19 (2)**			

IV	1	21UTA41GL04B	Scientific Tamil(SBS, SPS,SCS)	4	3	100	100	100
		21UFR41GL04	French- IV					
		21UHI41GL04	Hindi- IV					
		21USA41GL04	Sanskrit- IV					
	2	21UEN42GE04	General English - IV	5	3	100	100	100
	3	21UMA43CC07	Mechanics	7	4	100	100	100
	3	21UMA43CC08	Graph Theory	4	3	100	100	100
		21UMA43AO04A	**Allied Optional:** Physics-II	4	3	100	100	100
	3	21UMA43AP01A	**Allied Optional:** Physics Practical	2	2	100	100	100
		21UMA43AO04B	**Allied Optional:** Accounts - II	(6)	(4)	100	100	100
	4	21UMA44SE02	**SEC -2 :** (BS) Numerical Ability	2	1	100	-	100
	4	21UHE44VE04A	Professional Ethics–II: Social Ethics - II	2	1	50	50	50
		21UHE44VE04B	Professional Ethics - II: Religious Doctrine-II					
			Total	**30**	**20/19**			
V	3	21UMA53CC09	Modern Algebra	**7**	4	100	100	100
	3	21UMA53CC10	Real Analysis	7	4	100	100	100
	3	21UMA53ES01A	**DSE-1:** Automata Theory	5	3	100	100	100
		21UMA53ES01B	**DSE-1:** Number Theory					
	3	21UMA53ES02A	**DSE-2:** Operations Research	5	3	100	100	100
		21UMA53ES02B	**DSE-2:** Mathematical Modeling					
	3	21UMA53IS01	Internship	-	2	100		100
	3	21UMA53SP01	**Self-paced Learning:** History of Mathematics	-	2	50	50	50
	3	21UMA53FV01	Field study/ Industrial visit/ Case study	-	1	100	-	100
		21UMA53PW01	Project work		2	100	100	100
	4	21USS54SE03	**SEC -3 :** Soft Skills	2	1	100	-	100
	4	21UMA54EG01	**GE-1:** Mathematics for Competitive Examinations	4	3	100	100	100
			Extra Credit courses (MOOC)-3		(2)			
			Total	**30**	**25(2)**			
VI	3	21UMA63CC11	Linear Algebra	6	3	100	100	100
	3	21UMA63CC12	Complex Analysis	6	4	100	100	100
	3	21UMA63CP01	'C' Language	2	1	100	100	100
	3	21UMA63ES03A	**DSE-3:** Computer Oriented Numerical Methods	5	3	100	100	100
		21UMA63ES03B	**DSE-3:** Optimization Techniques					
	3	21UMA63ES04A	**DSE-4:** Astronomy	5	3	100	100	100
		21UMA63ES04B	**DSE-4:** Fuzzy Theory					
	3	21UMA63CE01	Comprehensive Examinations	-	2	50	50	50
	4	21UMA64SE04	**SEC -4 (WS) :** MATLAB	2	1	100	-	100
	4	21UMA64EG02	**GE-2:** Analytical Skill for Competitive Examinations	4	3	100	100	100
			Total	**30**	**20**			
I-VI	5	21UCW65OR01	Outreach programme (SHEPHERD)		4			
			TOTAL (three years)	**180**	**130(6)**			

M. Sc. MATHEMATICS							
PROGRAMME PATTERN							
Course Details					Scheme of Exams		
Sem	**Course Code**	**Course Title**	**Hrs**	**Cr**	**CIA**	**SE**	**Final**
I	21PMA1CC01	Algebra	7	6	100	100	100
	21PMA1CC02	Real Analysis – I	6	5	100	100	100
	21PMA1CC03	Graph Theory	6	5	100	100	100
	21PMA1CC04	Classical Dynamics	6	5	100	100	100
	21PMA1ES01A	**DSE – 1:** Stochastic Processes	5	4	100	100	100
	21PMA1ES01B	**DSE – 1:** Differential Geometry					
		Total	**30**	**25**			
II	21PMA2CC05	Linear Algebra	6	5	100	100	100
	21PMA2CC06	Real Analysis – II	4	4	100	100	100
	21PMA2CC07	Complex Analysis	7	6	100	100	100
	21SCS2ES02	**DSE – 2:** Design and Analysis of Algorithms	5	4	100	100	100
	21PMA2SP01	**Self -Paced Learning:**History of Mathematics	-	2	50	50	50
	21PSS2SE01	**SEC:** Soft skills	4	3	100	-	100
	21PMA2EG01	**GE-1: (WS)** Mathematical Foundations	4	3	100	100	100
	21PCA2EG01	**GE-1: (WS)** Applied Statistics using R					
	21PCS2EG01	**GE-1: (WS)** Mobile Adhoc Networks (MANET)					
		Extra Credit Courses (MOOC)-1	-	(2)			
		Total	**30**	**27 (2)**			
III	21PMA3CC08	Measure and Integration	6	6	100	100	100
	21PMA3CC09	Topology	6	5	100	100	100
	21PMA3CC10	Ordinary Differential Equations	5	5	100	100	100
	21PMA3ES03A	**DSE -3:** Algebraic Number Theory	5	4	100	100	100
	21PMA3ES03B	**DSE- 3:** Optimization Techniques					
	21PMA3AE01	**AEC:** Problem solving in Advanced Mathematics	4	3	50	50	50
	21PMA3EG02	**GE-2: (BS)** Operations Research	4	3	100	100	100
		Extra Credit Courses (MOOC)-2		(2)			
		Total	**30**	**26 (2)**			
IV	21PMA4CC11	Functional Analysis	6	6	100	100	100
	21PMA4CC12	Partial Differential Equations	5	5	100	100	100
	21PMA4CC13	Calculus of Variations, Integral Equations and Integral Transforms	6	6	100	100	100
	21PMA4ES04A	**DSE – 4:** Automata Theory	5	4	100	100	100
	21PMA4ES04B	**DSE – 4:** Programming in C++					
	21PMA4PW01	Project work	8	5	100	100	100
	21PMA4CE01	Comprehensive Examination	-	2	50	50	50
		Extra Credit Courses (MOOC)-3	-	(2)			
		Total	**30**	**28 (2)**			
I-IV	21PCW4OR01	Outreach Programme (SHEPHERD)		4			
		Total	**120**	**110(6)**			

BOARD OF STUDIES MEETING - HELD ON 06-06-2022 DEPARTMENT OF MATHEMATICS St. JOSEPH'S COLLEGE(AUTONOMOUS) TIRUCHIRAPPALLI -620002		
S. No.	**Name and address**	**Signature**
1.	Dr. S. Sethuraman Associate Professor, Department of Mathematics, Periyar E.V.R. College (Autonomous), Tiruchirappalli – 620 023 **(University Representative)**	06-06-2022
2.	Dr. S. Somasundaram Professor, Dept. of Mathematics, Manonmaniam Sundaranar University, Tirunelveli – 627 012. E-mail: somutvl@gmail.com Mobile: 9442331630 **(Subject Expert)**	
3.	Mr. Senthil Paramasivam, SVP Technology, Nallas Software Solution Pvt. Ltd., India Land tech Park, Towr A, 3rd Floor CHIL SEZ Area, Keeranatham, Saravanampatti.Coimbatore – 641 035 E-mail: sparamasivam@nallas.com	
4.	Dr. T. Rajaretnam	
5.	Dr. M. Thiagarajan	
6.	Dr. Y. Dominic	
7.	Dr. J. Umamaheswari	
8.	Dr. A. Anthony Eldred	
9.	Dr. A. Praveen	
10.	Dr. J. Christy Roja	
11.	Dr. J. Maria Joseph	
12.	Dr. J. Arockia Jeyakumar	
13.	Dr. S. Ithaya Ezhil Manna	
14.	Dr. V. Vairaperumal	

15.	Dr. Geetha Sivaraman	
16.	Dr. J. Amalorpava Jerline	
17.	Dr. R. Lenin	
18.	Mr. S. Arul Gnanapragasam	
19.	Dr. S. Aseervatham	
20.	Dr. J. Felix	
21.	Dr. P. Lawrence Rozario Raj	
22.	Ms. J. Mercy Arokia Rani	
23.	Mr. A. Arul Xavier	
24.	Ms. A. Sheela	
25.	Mr. P. Joyal Roy	
26.	Dr. P. Julia Mary	
27.	Dr. J. Carmel Pushpa Raj	
28.	Ms. D. Arockia Jaya Seely	
29.	Dr. A. Jeny Jordon	

Dr. Y. DOMINIC
Dean-School of Computing Sciences
St. Joseph's College (Autonomous)
Tiruchirappalli-620 002.

DEPARTMENT OF STATISTICS

MINUTES OF THE BOARD OF STUDIES IN STATISTICS HELD ON 06.06.2022

The Board of Studies Meeting was held at 12 noon on 6.6.2022 in the Department of Statistics, St. Joseph's College. Since no external mentors were present, due to some personal reasons, the meeting was attended by the internal members only.Dr. Lilly George, Head, Department of Statistics, has initiated the meeting with a silent prayer.

As per the agenda, the points were discussed and the following decisions were made.

- No changes have been done in the Under Graduate 2021 LOCF pattern syllabus
- The new course pattern with the changes in the courses code has been placed for the approval of the board members and it was passed by the board

  Finally the meeting came to an end at 12.30pm.

B.Sc. STATISTICS								
PROGRAMME PATTERN								
Course Details						**Scheme of Exams**		
Sem	**Part**	**Course Code**	**Course Title**	**Hrs**	**Cr**	**CIA**	**SE**	**Final**
I	1	21UTA11GL01	General Tamil- I	4	3	100	100	100
		21UFR11GL01	French-I					
		21UHI11GL01	Hindi-I					
		21USA11GL01	Sanskrit-I					
	2	21UEN12GE01	General English -I	5	3	100	100	100
	3	21UST13CC01	Descriptive Statistics	7	4	100	100	100
		21UST13CC02	Numerical Methods	4	3	100	100	100
		21UST13CP01	Practical-I :Computers in Statistics– I	2	1	100	100	100
		21UST13AC01	**Allied:** Office Automation	6	4	100	100	100
	4	21UHE14VE01	Essentials of Humanity	2	1	50	50	50
		21UEN14AE01	**AECC-1:** Communicative English	(6)	4	100	-	100
			Total	**30**	**23**			
II	1	21UTA21GL02	General Tamil- II	4	3	100	100	100
		21UFR21GL02	French-II					
		21UHI21GL02	Hindi-II					
		21USA21GL02	Sanskrit-II					
	2	21UEN22GE02	General English -II	5	3	100	100	100
	3	21UST23CC03	Probability and Random variables	5	3	100	100	100
	3	21UST23CC04	Time Series and Index numbers	4	3	100	100	100
	3	21UST23CP02	Practical-II:Computers in Statistics–II	2	1	100	100	100
	3	21UST23AC02	**Allied:** C Programming	6	4	100	100	100
	4	21UHE24VE02	Techniques of Social Analysis: Fundamentals of Human Rights	2	1	50	50	50
		21UHE24AE02	**AECC-2 :** Environmental studies	2	2	50	50	50
			Extra Credit courses (MOOC)-1	-	(2)			
			Total	**30**	**20(2)**			
III	1	21UTA31GL03	General Tamil- III	4	3	100	100	100
		21UFR31GL03	French-III					
		21UHI31GL03	Hindi-III					
		21USA31GL03	Sanskrit-III					
	2	21UEN32GE03	General English -III	5	3	100	100	100
	3	21UST33CC05	Discrete Probability Distributions	5	3	100	100	100
	3	21UST33CC06	Continuous Probability Distributions	6	4	100	100	100
	3	21UST33AO03A	**Allied Optional**: Mathematics for Statistics – I	6	4	100	100	100
		21UST33AO03B	**Allied Optional**: Accounts - I					
	4	21UST34SE01	**SEC -1 (WD):** Statistics for Competitive Examinations	2	1	100	-	100
	4	21UHE34VE03A	Professional Ethics–I:Social Ethics - I	2	1	50	50	50
		21UHE34VE03B	Professional Ethics - I: Religious Doctrine-I					
			Extra Credit courses (MOOC)-2		(2)			
			Total	**30**	**19(2)**			

IV	1	21UTA41GL04B	Scientific Tamil(SBS, SPS,SCS)	4	3	100	100	100
		21UFR41GL04	French-IV					
		21UHI41GL04	Hindi-IV					
		21USA41GL04	Sanskrit-IV					
	2	21UEN42GE04	General English - IV	5	3	100	100	100
	3	21UST43CC07	Estimation Theory	5	3	100	100	100
	3	21UST43CC08	Testing of Hypothesis	6	4	100	100	100
	3	21UST43AO04A	**Allied Optional**: Mathematics for Statistics – II	6	4	100	100	100
		21UST43AO04B	**Allied Optional**: Accounts – II					
	4	21UST44SE02	**SEC -2 (BS):** Quantitative Methods	2	1	100	-	100
	4	21UHE44VE04A	Professional Ethics–II: Social Ethics - II	2	1	50	50	50
		21UHE44VE04B	Professional Ethics - II:Religious Doctrine-II					
			Total	**30**	**19**			
V	3	21UST53CC09	Sampling Theory	5	3	100	100	100
		21UST53CC10	Design of Experiments	5	3	100	100	100
		21UST53CP03	Practical-III :Computational Statistics	4	2	100	100	100
		21UST53ES01A	**DSE -1:** Linear Models, Econometrics and Random Processes	5	3	100	100	100
		21UST53ES01B	**DSE -1:** Real Analysis					
		21UST53ES02A	**DSE -2:** Operations Research - I	5	3	100	100	100
		21UST53ES02B	**DSE -2:**Stochastic Processes					
	3	21UST53IS01	Internship	-	2	100	-	100
	3	21UST53SP01	**Self-paced learning:** Introduction to Data Mining	-	2	50	50	50
	3	21UST53FV01	Field study/ Industrial visit/ Case study	-	1	100	-	100
	4	21USS54SE03	**SEC -3:** Soft Skills	2	1	100	-	100
	4	21UST54EG01	**GE-1:**Actuarial Statistics	4	3	100	100	100
			Extra Credit courses (MOOC)-3		(2)			
			Total	**30**	**23(2)**			
VI	3	21UST63CC11	Statistical Quality Control	6	4	100	100	100
	3	21UST63CC12	Statistical Analysis Based on R - Language	4	3	100	100	100
	3	21UST63CP04	Practical-IV: R-Language	4	1	100	100	100
	3	21UST63ES03A	**DSE-3:**Population Studies	5	3	100	100	100
		21UST63ES03B	**DSE-3:** Survival Analysis					
	3	21UST63ES04A	**DSE -4:**Operations Research - II	5	3	100	100	100
		21UST63ES04B	**DSE -4:** Big-Data Analytics					
	3	21UST63PW01	Project Work	-	2	100	100	100
	3	21UST63CE01	Comprehensive Examination	-	2	50	50	50
	4	21UST64SE04	**SEC -4 (WS):** Official Statistics	2	1	100	-	100
	4	21UST64EG02	**GE-2:** Applied Statistics	4	3	100	100	100
			Total	**30**	**22**			
I-VI	5	21UCW65OR01	Outreach programme (SHEPHERD)		4			
			TOTAL(three years)	**180**	**130(6)**			

BOARD OF STUDIES MEETING - HELD ON 06-06-2022 DEPARTMENT OF STATISTICS St. JOSEPH'S COLLEGE(AUTONOMOUS) TIRUCHIRAPPALLI -620002		
S. No.	**Name and address**	**Signature**
1.	Dr. T. Jaisankar, Assistant Professor and Head, Department of Statistics, Bharathidasan University, Tiruchirappalli – 620 024 **(University Representative)**	ABSENT
2.	Dr. S. Ravisankar, Assistant Professor, Dept. of Statistics, Govt. Arts College,Coimbatore – 641 018. E-mail: stat.gac.cbe@gmail.com Mobile: 9842007798 **(Subject Expert)**	ABSENT
3.	Mr. S. Lawrence Joseph, Managing Director, Quantitative Research Consulting Pvt. Ltd. 2/133, 1st Floor, Bala Street,Thirunagar, Ponmalaipatti,Trichy – 620 004. E-mail: lawrence@qrconsulting.in Mobile: 9488608080	ABSENT
4.	Dr. Lilly George	Lilly 6/6/22
5.	Dr. R. Vijayakumar	R. Vijayakumar
6.	Dr. J. Glorypersial	J. Glorypersial
7.	Dr. T. Venkatesan	T. Venkatesan
8.	Dr. A. Philip Arokiadoss	A. Philip Arokiadoss

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SCHOOL OF LANGUAGES & CULTURE

DEPARTMENT OF ENGLISH

MINUTES OF THE BOARD OF STUDIES IN ENGLISH HELD ON 06.06.2022

The meeting began with a short silent prayer. Dr. V. L. Jayapaul, Head, PG and Research Department of English welcomed the faculty members. He then read the course pattern for B.A. English and M.A. English Literature.

Course pattern for B.A. English and M.A. English Literature were passed by the department.

Changes and suggestions recommended are as follows:

Course code	Title of the course	Unit	Changes suggested	Changes finalised
21UEN23CC03	Jacobean to Restoration Literature (1603-1659)	III	John Locke's essay collection, *Essays Concerning Human Understanding* can be replaced with one essay from the collection	John Locke : "Of the Degrees of our Knowledge" from *Essays Concerning Human Understanding* (Book IV, Chapter II)
21UEN23CC03	Jacobean to Restoration Literature (1603-1659)	III	Robert Burton's essay collection, *An Anatomy of Melancholy* can be replaced with one essay from the collection	Robert Burton : "Digression of Anatomy", "Division of Body, Humours, Spirits", "Similar Parts", "Dissimilar Parts" (from *Anatomy of Melancholy*)
21PEN2EG2A	Indian Literature in Translation	II	Suggested to remove "Kurunthogai" and some poems could be added to "Gitanjali"	Gitanjali (lyrics 1-10) is can be changed as Gitanjali (lyrics 11-20)
21PEN1CC02	Indian Writing in English	V	A suggestion was given by the house to reduce the number of novels given under Unit-V	The suggestion was retained
21PEN2CC04	BRITISH LITERATURE - II (1660-1798)	IV	John Arbuthnot : "An Essay Concerning the effects of Air on Human Bodies" will be replaced or removed as suggested by Dr. V. Francis	John Arbuthnot: *The History of John Bull* (Chapters I - V)
21PEN2CC06	Introduction To Literary Theories	I	The Unit title 'Approaches to Literature ' is to be changed as 'Approaches to Literary Criticism'	The Unit title 'Approaches to Literature ' can be changed as 'Approaches to Literary Criticism'

21PEN2CC06	Introduction To Literary Theories	II	Semiotics/Semiology to be removed	Semiotics/Semiology can be removed
21PEN2CC06	Introduction To Literary Theories	III	Discourse Analysis to be removed	Discourse analysis can be removed
21PEN2CC06	Introduction To Literary Theories	IV	Narratology to be removed	Narratology can be removed
21PEN2CC06	Introduction To Literary Theories	V	Critical Race Theory to be removed	Critical Race Theory can be removed
21PEN1EG2B	English Literature For Competitive Examinations	IV	The following writers were suggested to be removed from Indian Writers: Ruskin Bond Michael Ondaatje Taslima Nazrin Faiz Ahmed Faiz Bapsi Sidhwa	The house agreed that the writers can be removed as they are not Indian Writers 1. Ruskin Bond 2. Michael Ondaatje 3. Taslima Nazrin 4. Faiz Ahmed Faiz 5. Bapsi Sidhwa
21UEN23CC04	English Literary Forms and Terms	V	The house suggested removing Criticism and Style from Unit-V. It was also suggested to add sub topics for Unit-V.	Essay (Definition and Origin, Aphoristic, Personal, Character Writers, Critical essay, Periodical, And Social essay); Novel (Brief History and Beginning, Its Structure and Characteristics, Epistolary, Picaresque, Gothic, Historical, Realistic, Psychological, Domestic, Science fiction, and Fantasy); Short Story (Definition and origin, Structure and Characteristics, Short story in Modern World); Biography; Autobiography; Memoir. Criticism and Style will remain removed.
21UEN23AC02	History Of English Literature	V	The Postmodern Age was suggested to be removed	The house agreed that Postmodern Age can be removed
21PEN4CC10	British Literature-IV (1914 – To The Present)	V	The unit has 5 novels and the house requested to reduce the number of novels	The house agreed to remove one novel, Zadie Smith's *NW* from this unit.
21UEN13CC01	Renaissance Literature (1340-1602)	V	The title *Jew of Malta* was suggested to be changed into *The Jew of Malta*	The house agreed to make correction

21PEN3ES3B	Postmodern Studies	III	The poem "Passage Over Winter" needs to be corrected as "Passage Over Water".	The house agreed to make correction
21PEN1AE01	Proof-Reading Skills	I	In page no. 17 it was mentioned as Semester II and it should be corrected as Semester I	The house agreed to make correction
21PEN2CC04	British Literature-II	IV	The serial numbers are repeated and hence change them from 9, 10, 11, to 12, 13, and 14.	The house agreed to make correction
21PEN2CC04	British Literature-II	I	The house suggested to give a specific part in the syllabus for Alexander Pope's *The Rape of the Lock*	The house agreed to have Alexander Pope's *The Rape of the Lock:* Canto 1
21PEN2CC04	British Literature-II	III	Oliver Goldsmith : Letter XXV – "The Character of Man in Black" was suggested to be changed as Oliver Goldsmith : "The Character of Man in Black"	The house agreed to change Oliver Goldsmith : Letter XXV – "The Character of Man in Black" to Oliver Goldsmith : "The Character of Man in Black"

The Research Methodology and Project work (Course Code: 21PEN4PW01) for the II M.A students of our department. This Course has 6 contact hours where General Instructions and inputs are given to the students on Research Methodology. The Evaluation is done based on the Project Work submitted by the students. Therefore, there is no separate CIA components and Semester Examination for this Course.

These corrections and suggestions were agreed and accepted by the House.

The meeting ended by 1.10 p.m.

B.A. ENGLISH								
PROGRAMME PATTERN								
Course Details						**Scheme of Exams**		
Sem	**Part**	**Course Code**	**Course Title**	**Hrs**	**Cr**	**CIA**	**SE**	**Final**
I	1	21UTA11GL01	General Tamil -I	4	3	100	100	100
		21UFR11GL01	French-I					
		21UHI11GL01	Hindi-I					
		21USA11GL01	Sanskrit-I					
	2	21UEN12GE01	General English - I	5	3	100	100	100
	3	21UEN13CC01	Renaissance Literature (1340-1602)	7	4	100	100	100
	3	21UEN13CC02	Indian Writing in English	6	4	100	100	100
	3	21UEN13AC01	**Allied-1:** Social History of England	6	4	100	100	100
	4	21UEN14AE01	**AECC-1:** Communicative English	(6)	4	100	-	100
	4	21UHE14VE01	Essentials of Humanity	2	1	50	50	50
			Total	**30**	**23**			
II	1	21UTA21GL02	General Tamil -II	4	3	100	100	100
		21UFR21GL02	French-II					
		21UHI21GL02	Hindi-II					
		21USA21GL02	Sanskrit-II					
	2	21UEN22GE02	General English - II	5	3	100	100	100
	3	21UEN23CC03	Jacobean to Restoration Literature (1603-1659)	6	4	100	100	100
	3	21UEN23CC04	English Literary Forms and Terms	5	3	100	100	100
	3	21UEN23AC02	**Allied -2 :** History of English Literature	6	4	100	100	100
	4	21UHE24AE02	**AECC-2 :** Environmental Studies	2	2	50	50	50
	4	21UHE24VE02	Techniques of Social Analysis: Fundamentals of Human Rights	2	1	50	50	50
			Extra Credit Courses (MOOC)-1	-	(2)			
			Total	**30**	**20(2)**			
III	1	21UTA31GL03	General Tamil -III	4	3	100	100	100
		21UFR31GL03	French-III					
		21UHI31GL03	Hindi-III					
		21USA31GL03	Sanskrit-III					
	2	21UEN32GE03	General English -III	5	3	100	100	100
	3	21UEN33CC05	Neoclassical Literature (1660-1798)	5	3	100	100	100
	3	21UEN33CC06	Romantic Literature (1799-1832)	6	4	100	100	100
	3	21UEN33AO03A	**Allied Optional**: Diasporic Literature	6	4	100	100	100
		21UEN33AO03B	**Allied Optional**: Subaltern Literature					
	4	21UEN34SE01	**SEC-1 (WD):** Creative Writing: Writing Poetry	2	1	100	-	100
	4	21UHE34VE03A	Professional Ethics–I:Social Ethics - I	2	1	50	50	50
		21UHE34VE03B	Professional Ethics - I:Religious Doctrine-I					
			Extra Credit Courses (MOOC)-2		(2)			
			Total	**30**	**19(2)**			

IV	1	21UTA41GL04A	Communicative Tamil(SLAC)	4	3	100	100	100
		21UFR41GL04	French-IV					
		21UHI41GL04	Hindi-IV					
		21USA41GL04	Sanskrit-IV					
	2	21UEN42GE04	General English - IV	5	3	100	100	100
	3	21UEN43CC07	Victorian Literature (1833-1900)	6	4	100	100	100
	3	21UEN43CC08	Twentieth Century Literature (1901-1945)	5	3	100	100	100
	3	21UEN43AO04A	**Allied Optional**: Women's Writing in English	6	4	100	100	100
		21UEN43AO04B	**Allied Optional**: Children's Literature					
	4	21UEN44SE02	**SEC-2 (BS):** English for Competitive Examinations	2	1	100	-	100
	4	21UHE44VE04A	Professional Ethics–II: Social Ethics - II	2	1	50	50	50
		21UHE44VE04B	Professional Ethics - II: Religious Doctrine-II					
			Total	**30**	**19**			
V	3	21UEN53CC09	Comparative Literature	7	4	100	100	100
	3	21UEN53CC10	Contemporary British Literature (1946 to the present)	7	4	100	100	100
	3	21UEN53ES01A	**DSE-1:**History of Literary Criticism-I	5	3	100	100	100
		21UEN53ES01B	**DSE-1 :**Remedial Grammar					
	3	21UEN53ES02A	**DSE-2 :**English Phonetics	5	3	100	100	100
		21UEN53ES02B	**DSE-2:** News Reporting And Editing					
	3	21UEN53IS01	Internship	-	2	100		100
	3	21UEN53SP01	**Self-Paced Learning:** Short Stories and One Act Plays	-	2	50	50	100
	3	21UEN53FV01	Field study/ Industrial visit/ Case study	-	1	100	-	100
	4	21USS54SE03	**SEC-3:** Soft Skills	2	1	100	-	100
	4	21UEN54EG01	**GE-1:** Film Studies	4	3	100	100	100
			Extra Credit Courses (MOOC)-3	--	(2)			
			Total	**30**	**23(2)**			
VI	3	21UEN63CC11	Shakespeare	7	4	100	100	100
	3	21UEN63CC12	American Literature	7	4	100	100	100
	3	21UEN63ES03A	**DSE-3:**History of Literary Criticism-II	5	3	100	100	100
		21UEN63ES03B	**DSE-3:** History of English Language					
	3	21UEN63ES04A	**DSE-4:** English Language Teaching Theory and Practice	5	3	100	100	100
		21UEN63ES04B	**DSE-4:** Intensive Study of an Author - T. S. Eliot					
	3	21UEN63PW01	Project Work	-	2	100	100	100
	3	21UEN63CE01	Comprehensive Examination	-	2	50	50	100
	4	21UEN64SE04	**SEC-4 (WS):** Business English Writing	2	1	100	-	100
	4	21UEN64EG02	**GE-2:** English for the Media	4	3	100	100	100
			Total	**30**	**22**			
I-VI	5	21UCW65OR01	Outreach Programme (SHEPHERD)	--	4			
			TOTAL (three years)	**180**	**130(6)**			

M.A. ENGLISH							
PROGRAMME PATTERN							
Course Details					**Scheme of Exams**		
Sem	**Course Code**	**Course Title**	**Hrs**	**Cr**	**CIA**	**SE**	**Final**
I	21PEN1CC01	British Literature-I (1340-1660)	7	6	100	100	100
	21PEN1CC02	Indian Writing in English	7	6	100	100	100
	21PEN1CC03	English Literary Criticism	7	6	100	100	100
	21PEN1ES01A	**DSE-1:** English Language Teaching	5	4	100	100	100
	21PEN1ES01B	**DSE-1:** Media Studies					
	21PEN1AE01	**AEC:** Proof-reading skills	4	3	50	50	50
		Total	**30**	**25**			
II	21PEN2CC04	British Literature-II (1661-1798)	6	6	100	100	100
	21PEN2CC05	American Literature	6	5	100	100	100
	21PEN2CC06	Introduction to Literary Theories	5	5	100	100	100
	21PEN2SP01	Self Paced: Shakespeare	-	2	50	50	50
	21PEN2ES02	**DSE-2:**English Language Teaching in Practice	5	4	100	100	100
	21PSS2SE01	**SEC:** Soft Skills	4	3	100	-	100
	21PEN2EG01A	**GE-1**(**WS**) : Indian Literature in Translation	4	3	100	100	100
	21PEN2EG01B	**GE-1**(**WS):**English Literature For Competitive Examinations					
		Extra Credit Courses (MOOC)-1	-	(2)			
		Total	**30**	**28(2)**			
III	21PEN3CC07	British Literature-III (1798-1914)	7	6	100	100	100
	21PEN3CC08	Comparative Literature and Translation Studies	7	6	100	100	100
	21PEN3CC09	Gender Studies	7	6	100	100	100
	21PEN3ES03A	**DSE-3** :Cultural Studies	5	4	100	100	100
	21PEN3ES03B	**DSE-3:** Postmodern Studies					
	21PEN3EG02	**GE-2** (BS) : English for Effective Communication	4	3	100	100	100
		Extra Credit Courses (MOOC)-2		(2)			
		Total	**30**	**25(2)**			
IV	21PEN4CC10	British Literature-IV (1914 to the present)	7	6	100	100	100
	21PEN4CC11	Postcolonial Literatures	7	6	100	100	100
	21PEN4CC12	Contemporary World Literature	5	5	100	100	100
	21PEN4ES04A	**DSE-4 :** Recent Trends in Literature	5	4	100	100	100
	21PEN4ES04B	**DSE-4:** Western Aesthetics					
	21PEN4PW01	Research Methodology: Project Work & Viva Voce	6	5	100	100	100
	21PEN4CE01	Comprehensive Examination	-	2	50	50	100
		Extra Credit Courses (MOOC)-3		(2)			
		Total	**30**	**28(2)**			
I-IV	21PCW4OR01	Outreach Programme (SHEPHERD)		4			
		Total (Four Semesters)	**120**	**110(6)**			

RESEARCH DEPARTMENT OF ENGLISH

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(Since 1844)

BOARD OF STUDIES MEETING - HELD ON 06-06-2022		
DEPARTMENT OF ENGLISH St. JOSEPH'S COLLEGE(AUTONOMOUS) TIRUCHIRAPPALLI -620002		
S. No.	**Name and address**	**Signature**
1.	Dr. D.E. Benet Assistant Professor Department of English National College (Autonomous) Tiruchirapplli – 620 001 **(University Representative)**	ABSENT
2.	Dr. Johnsekar Associate Professor & Head Dept of English, American College Madurai – 625 002 E-mail:jeyarajjohnsekar@americancollege.du.in Mobile: 9486782184	ABSENT
3.	Mr. W. Jesuraj,Proprietor, American Pharma and Science, #40, Bharathi Street, K.K. Nagar, Trichy – 620 021. E-mail: jusuya6@yahoo.co.in Mobile: 9894459566	ABSENT
4.	Dr. V.L. Jayapaul Head, Dept of English, St. Joseph's College, Trichy-2.	
5.	Dr. V. Francis	
6.	Dr. J. John Love Joy	
7.	Dr. R. Qurshid Begum	
8.	Dr. M. John Britto	
9.	Rev. Dr. S. Paul Pragash, SJ	06/06/22
10.	Dr. D.R. Edwin Christy	06/06/2022

11.	Dr. R. Jayakanth	R. J
12.	Dr. S. John Bosco	ABSENT
13.	Dr. Cheryl Davis	
14.	Dr. M. Amutha	M. A
15.	Mr. A. Abraham	
16.	Dr. S. Jerald Sagaya Nathan	
17.	Mr. B. Sam Jerome Sharone	6/06/2022
18.	Dr. J. Amalaveenus	
19.	Dr. S. Sajeev	S. Sm
20.	Dr. Beverly Maria Francis	ML
21.	Dr. M. S. Xavier Pradheep Singh	
22.	Ms. K. Primrose	
23.	Ms. G. Annie Rose	G Annie Rose
24.	Dr. A. Johnson Francis	
25.	Dr. D. Loyola Innaci	
26.	Mr. J. Rajesh Kumar	Rajesh
27.	Dr. J. Charles Arockiasamy	
28.	Mr. Johnny Philip Elston Sturt	ABSENT
29.	Dr. A. Ezhugnayiru	
30.	Dr. G. Kannaiyan	ABSENT
31.	Mr. I. Christhuraj	
32.	Mr. A. James Anto	ABSENT
33.	Ms.S. Yasmeenbanu	
34.	Mr. S. Thiyagarajan	
35.	Mr. A. Ukkirapandian	
36.	Mr. K.M. Vargeesh	
37.	Mr A. Nepolian	A
38.	Dr. F. Frazer Frank Joe	
39.	Dr. K. DORNAMBIGA	K. D
40.	Dr. A. THIRUTHURAI	A. Thiru
41.		

DEPARTMENT OF FRENCH

MINUTES OF THE BOARD OF STUDIES IN FRENCH HELD ON 06.06.2022

The Board of studies in French met on 6th June 2022 (Monday) at 12.15 P.M in the Department of Other languages at St.Joseph's College (Autonomous), Trichy-2. The syllabi for Part-I French for the four semesters were discussed. As per the agenda, the Board has resolved to approve it without any changes. The meeting came to an end at 12.45 P.M

BOARD OF STUDIES MEETING - HELD ON 06-06-2022

DEPARTMENT OF FRENCH
St. JOSEPH'S COLLEGE(AUTONOMOUS)
TIRUCHIRAPPALLI -620002

S. No.	Name and address	Signature
1.	Dr. T. Priya Assistant Professor, Centre for French School of English and Foreign Languages Bharathidasan University, Tiruchirappalli - 620 024 E-Mail ID: priya.t@bdu.ac.in Mobile No: 9787733497 **(University Representative)**	6/6/22
2.	Dr. C. Thirumurugan Associate Professor & Head, Dept of French, School of Humanities Pondicherry University Pondicherry - 605014 F-mail ID : frenchmurgan@yahoo.co.in Mobile: 9442787609 **(Subject Expert)**	ABSENT
3.	Dr. Aparna Roy, Assistant Professor & Head, Dept of Foreign Languages, Loyola College Chennai – 600 034 E-mail ID: abarnaroy@hotmail.com Mobile: 9841202614 **(Industrial Expert)**	ABSENT
4.	Ms. M. Mohanalakshmi	M.M

DEPARTMENT OF FRENCH
ST. JOSEPH'S COLLEGE (AUTONOMOUS)
TIRUCHIRAPALLI - 620002

DEPARTMENT OF HINDI

MINUTES OF THE BOARD OF STUDIES IN HINDI HELD ON 06.06.2022

The following members were present in the meeting.

1. Prof. R. Vijayalakshmi (University Representative)
2. M. Muthunachammai (Industrial Expert)
3. Dr. Sreedevi S. (Staff Member)

Agenda I: To Approve the Syllabus of Part I Hindi Course and Recommend it to the Academic Council.

It is decided that the syllabus of Part I Hindi Course of Dept. of Hindi by incorporating the following aspects.

1. Develop the curricula with focus on:
    a) Employability
    b) Entrepreneurship
    c) Skill development.
    d) Environment and Sustainability

They also suggested that the syllabus of the Part – I Hindi paper is covering all the aspects of Hindi literature.

"Resolved that the syllabus of Part I Hindi Course be approved & recommended to Academic Council for further action"

Meeting ended with vote of thanks in chair.

The following members were present in the Department of Languages staff room.

1. Prof. R. Vijayalakshmi (University Representative) **PRESENT**
Head, Department of Hindi,
Cauvery College of Women
Annamalai Nagar,
Tiruchirappalli-620 018
Mobile No.9585337214

2. Mrs. M. Muthunachammai (Industrial Expert) **PRESENT**
Hindi Pracharak**,**
M.S.P. Hindi Shikshalay,
Tiruchirappalli – 620 018.
Mobile No. 9842503745

3. Dr. Sreedevi S. (Staff Member) **PRESENT**
Assistant Professor and Head,
Department of Hindi,
St. Joseph's College (Autonomous)
Tiruchirappalli-620 002.
Mobile No.9495243814

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

BOARD OF STUDIES MEETING - HELD ON 06-06-2022 DEPARTMENT OF HINDI St. JOSEPH'S COLLEGE(AUTONOMOUS) TIRUCHIRAPPALLI -620002		
S. No.	**Name and address**	**Signature**
1.	Dr. R.Vijayalakshmi, Assistant Professor& Head, Department of Hindi, Cauvery College for Women (Autonomous), Annamalai Nagar, Tiruchirappalli – 620 018 **(University Representative)**	R. Vijayalakshmi
2.	Prof. E. Supriya, Assistant Professor, Dept. of Hindi, Fatima College (Autonomous) Madurai – 625 018. E-mail: supriyapreman10@gmail.com Mobile: 8848021650 **(Subject Expert)**	ABSENT
3.	Mr. Muthunachmmai, Hindi Pracharak,M.S.P. Hindi Sikshalay,No.16, Marudham Apartment 7th Cross, Thillai Nagar,Tiruchirappalli – 620 018 E-mail: muthunachammai2017@gmail.comMobile: 9842503745	Muthunach
4.	Dr. S. Sreedevi	

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

DEPARTMENT OF HISTORY

MINUTES OF THE BOARD OF STUDIES IN HISTORY HELD ON 06.06.2022

Board of Studies meeting held at the Department of History between 12.00PM and 1.30PM on 6th June 2022. Head of the Department welcomed the panel members of BoSand University Representative, Subject Expert and Industrial Expert and internal members of the meeting including Rev. Fr. Principal.

- Dr. J. Santhosh Kumar, Head of the Department stated that as we have introduced new syllabus only for the 1st UG, we did not find any corrections in the existing syllabus i.e., 21UHS for the past 2 semester.
- HOD asked all the internal members to provide their corrections/suggestions while teaching 1st UG syllabus in the forthcoming semester. All the members were agreed to it.
- It was decided to discuss the Code Nos. for the syllabus in the forthcoming BoS meeting.

The following were the both internal and external members were present in the meeting:

External Members

1. Dr. A. Akbar Hussain – University Representative
   Associate Professor and Head
   Department of History, Jamal Mohamad College, Tiruchirappalli.
2. Dr. R. Ramachandran – Industrial Expert
   Advocate, Tiruchirappalli District Court, Tiruchirappalli.

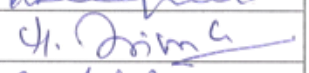
Internal Members

1. Rev. Dr. M. Arockiasamy Xavier, SJ, Associate Professor & Head
2. Dr. J. Santhosh Kumar, HOD
3. Dr. S. Manikandan
4. Dr. K. Lingammal
5. Dr. M. Britto Stalin
6. Ms. T. BeatinalAmalorpava Mary

The meeting was came to an end by 1.30PM.

B.A. HISTORY								
PROGRAMME PATTERN								
Course Details						Scheme of Exams		
Sem	**Part**	**Course Code**	**Course Title**	**Hrs**	**Cr**	**CIA**	**SE**	**Final**
I	1	21UTA11GL01	General Tamil – I	4	3	100	100	100
		21UFR11GL01	French-I					
		21UHI11GL01	Hindi-I					
		21USA11GL01	Sanskrit-I					
	2	21UEN12GE01	General English -I	5	3	100	100	100
	3	21UHS13CC01	Basics of History Learning	2	1	100	-	100
	3	21UHS13CC02	Ancient History of India (upto 711 AD)	6	4	100	100	100
	3	21UHS13CC03	History of Tamil Country (upto 1735 AD)	5	3	100	100	100
	3	21UHS13AC01	**Allied I:** History of Tourism	6	4	100	100	100
	4	21UHE14VE01	Essentials of Humanity	2	1	50	50	50
	4	21UEN14AE01	**AECC-1:** Communicative English	(6)	4	100	-	100
			Total	**30**	**23**			
II	1	21UTA21GL02	General Tamil– II	4	3	100	100	100
		21UFR21GL02	French-II					
		21UHI21GL02	Hindi-II					
		21USA21GL02	Sanskrit-II					
	2	21UEN22GE02	General English –II	5	3	100	100	100
	3	21UHS23CC04	Medieval History of India (712 AD – 1707 AD)	6	4	100	100	100
	3	21UHS23CC05	History of Tamil Nadu (1736 AD – 2016 AD)	5	3	100	100	100
	3	21UHS23AC02	**Allied II:** Indian Tourism	6	4	100	100	100
	4	21UHE24VE02	Techniques of Social Analysis: Fundamentals of Human Rights	2	1	50	50	50
	4	21UHE24AE02	**AECC-2**: Environmental studies	2	2	50	50	50
			Extra Credit Courses (MOOC)-1	-	(2)			
			Total	**30**	**20(2)**			
III	1	21UTA31GL03	General Tamil– III	4	3	100	100	100
		21UFR31GL03	French-III					
		21UHI31GL03	Hindi-III					
		21USA31GL03	Sanskrit-III					
	2	21UEN32GE03	General English –III	5	3	100	100	100
	3	21UHS33CC06	Modern History of India (1708 AD – 1947 AD)	6	4	100	100	100
	3	21UHS33CC07	Select Civilizations of Ancient World	5	3	100	100	100
	3	21UHS33AO03A	**Allied Optional**: Tourism Marketing	6	4	100	100	100
		21UHS33AO03B	**Allied Optional**: Destination Management					
	4	21UHS34SE01	**SEC -1 (WD):** Basics of Archaeology	2	1	100	-	100
	4	21UHE34VE03A	Professional Ethics–I:Social Ethics – I	2	1	50	50	50
		21UHE34VE03B	Professional Ethics – I: Religious Doctrine-I					
			Extra Credit Courses (MOOC)-2		(2)			
			Total	**30**	**19(2)**			

IV	1	21UTA41GL04A	Communicative Tamil(SLAC)	4	3	100	100	100
		21UFR41GL04	French-IV					
		21UHI41GL04	Hindi-IV					
		21USA41GL04	Sanskrit-IV					
	2	21UEN42GE04	General English –IV	5	3	100	100	100
	3	21UHS43CC08	Social and Cultural History of Tamil Nadu	6	4	100	100	100
	3	21UHS43CC09	History of Modern World	5	3	100	100	100
	3	21UHS43AO04A	**Allied Optional**: Tourism Automation	6	4	100	100	100
		21UHS43AO04B	**Allied Optional**: Tour Packaging					
	4	21UHS44SE02	**SEC -2 (BS):** Historical Monuments in Tiruchirappalli	2	1	100	-	100
	4	21UHE44VE04A	Professional Ethics–II: Social Ethics – II	2	1	50	50	50
		21UHE44VE04B	Professional Ethics –II: Religious Doctrine-II					
			Total	**30**	**19**			
V	3	21UHS53CC10	Historiography	7	4	100	100	100
	3	21UHS53CC11	Indian Polity and Constitution	7	4	100	100	100
	3	21UHS53ES01A	**DSE-1:** Indian Geography	5	3	100	100	100
		21UHS53ES01B	**DSE-1:** Architectural Styles in India					
	3	21UHS53ES02A	**DSE-2:** Western Political Thought	5	3	100	100	100
		21UHS53ES02B	**DSE-2:** Modern Governments					
	3	21UHS53IS01	Internship	-	2	100		100
	3	21UHS53SP01	**Self-paced Learning**: Dravidian Movements in Tamil Nadu	-	2	50	50	50
	3	21UHS53FV01	Field Study/ Industrial Visit/ Case Study	-	1	100		100
	4	21USS54SE03	**SEC -3 :** Soft Skills	2	1	100	-	100
	4	21UHS54EG01	**GE-1:** Tamil Heritage and Culture	4	3	100	100	100
			Extra Credit Courses (MOOC)-3		(2)			
			Total	**30**	**23(2)**			
VI	3	21UHS63CC12	Social and Cultural Movements in Modern India	7	4	100	100	100
		21UHS63CC13	Political and Social Transitions in Modern Era	7	4	100	100	100
		21UHS63ES03A	**DSE-3:** Intellectual History of Modern India	5	3	100	100	100
		21UHS63ES03B	**DSE-3:** Economic History of Modern India					
		21UHS63ES04A	**DSE-4:** Museum Management	5	3	100	100	100
		21UHS63ES04B	**DSE-4:** Archive Keeping					
		21UHS63CE01	Comprehensive Examination	-	2	50	50	100
		21UHS63PW01	Project Work and Viva Voce	-	2	100	100	100
	4	21UHS64SE04	**SEC -4: (WS):** Participatory Democracy	2	1	100	-	100
		21UHS64EG02	**GE-2:**Intellectual Revivalism in TamilNadu	4	3	100	100	100
			Total	**30**	**22**			
I-VI	5	21UCW65OR01	Outreach Programme (SHEPHERD)		4			
			Total(three years)	**180**	**130(6)**			

BOARD OF STUDIES MEETING - HELD ON 06-06-2022 DEPARTMENT OF HISTORY St. JOSEPH'S COLLEGE(AUTONOMOUS) TIRUCHIRAPPALLI -620002		
S. No.	**Name and address**	**Signature**
1.	Dr. A.Akbar Hussain, Associate Professor & Head, Department of History, Jamal Mohamed College (Autonomous), Tiruchirappalli – 620 020 **(University Representative)**	
2.	Dr. Jayakumari Gnanadeepam, Assistant Professor, Department of History, MVM Govt. Arts College, Dindigul. E-mail: joypaulraj@yahoo.co.in Mobile: 7904056638 **(Subject Expert)**	AAA
3.	Dr. R. Ramachandran, Advocate, St. Ann's Complex, Melapudur, Tiruchirappalli – 620 001. E-mail: ramadvocate75@gmail.com Mobile: 9488683399	
4.	Rev. Dr. M. Arockiasamy Xavier SJ	
5.	Dr. J. Santhosh Kumar	
6.	Dr. S. Manikandan	
7.	Dr. K. Lingammal	
8.	Dr. M. Britto Stalin	
9.	Ms. T. Beatinal Amalorpava Mary	

DEPARTMENT OF SANSKRIT

MINUTES OF THE BOARD OF STUDIES IN SANSKRIT HELD ON 06.06.2022

The Board of Studies in Sanskrit met on 6th June 2022 (Monday) at 12.15 P.M in the Departmentof other Languages at St .Joseph College (Autonomous) Trichy 2. The syllabi for Part 1 Sanskrit for the four semester were discussed. As per the Agenda, the Board has resolved to approve it without any chances. The meeting was ended at 12.45 P.M.

S. No.	Name and address	Signature
1.	Dr. S. Usha, Assoicate Professor, Department of Sanskrit, Seethalakshmi Ramaswami College (Autonomous), Tiruchirappalli – 620 002 **(University Representative)**	S. Usha 6/6/2022
2.	Dr. Latha Sreedhar, Assistant Professor, Sri Sarada College for Women, Salem – 16. Mobile: 9865670892 **(Subject Expert)**	ABSENT
3.	Dr. S. Usha, Associate Professor & Head, Dept of Sanskrit, S.R. College Tiruchirappalli – 620 002. E-mail: pnusha10@gmail.com Mobile: 9443863821	S. Usha 6/6/2022
4.	Dr. M.S. Madhavachari	M.S. Madhavachari

No change in the syllabus.

S. Usha
6/6/22

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

DEPARTMENT OF TAMIL

MINUTES OF THE BOARD OF STUDIES IN TAMIL HELD ON 06.06.2022

கூட்ட பொருண்மை :

- 2021-2022 கல்வியாண்டில் நடைமுறைக்கு வந்த பாடத்திட்டத்தில் எவையேனும் மாற்றங்கள்
- 2021-2022 பாடத்திட்டத்தில் பாடக்குறியீடு மாற்றங்கள்
- தேர்வாளர் பட்டியல்
- பிற பொருண்மைகள்

பங்கேற்றோர்:

- 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 ரெ.நல்லமுத்து
- திருமிகு.கு.அந்தோணிராஜா
- திருமிகு.ஆ.அடைக்கலராஜ்
- முனைவர் சி. ஆரோக்கிய தனராஜ்
- திருமிகு சி. பாக்கிய செல்வரதி
- முனைவர் சு. சீனிவாசன்
- முனைவர் இரா. முரளி கிருட்டினன்
- திருமிகு இ.யோகராஜ்
- முனைவர் இலா.சார்லஸ்
- முனைவர் போ.ஜான்சன்

பல்கலைக்கழக நியமன உறுப்பினர் முனைவர் நா.சிவாஜி கபிலன் (தமிழ்த்துறைத்தலைவர், அ.வீ.வா.நி.திருபுட்பம் கல்லூரி, பூண்டி, தஞ்சாவூர்), பாடப்பிரிவு வல்லுநர் முனைவர் இரா.குறிஞ்சி வேந்தன், (துறைத்தலைவர், அயல்நாட்டுத் தமிழ்க் கல்வித்துறை, தமிழ்ப் பல்கலைக்கழகம், தஞ்சாவூர்), பணிசார் வல்லுநர் முனைவர் க.சிராஜூதீன் (உதவிப்பேராசிரியர், தமிழ்த்துறை, ஜமால் முகமது கல்லூரி, திருச்சிராப்பள்ளி) ஆகியோர் கலந்துகொள்ளவில்லை

பாடத்திட்டக்குழுக் கூட்டம் 06-06-2022 அன்று நண்பகல் 12.00 மணிக்கு அமைதி இறைவேண்டலுடன் தொடங்கியது. தமிழாய்வுத்துறைத் தலைவர் முனைவர் ஞா.பெஸ்கி அனைவரையும் வரவேற்றதோடு பாடத்திட்டக்குழுக் கூட்டத்தின் நோக்கத்தை எடுத்துரைத்தார்.

அதனைத் தொடர்ந்து கூட்டப் பொருண்மைகள் குறித்துக் கலந்துரையாடல் நிகழ்த்தப்பெற்றுப் பின்வரும் முடிவுகள் பெறப்பட்டன.

அ) 2021-2022 கல்வியாண்டில் நடைமுறைக்கு வந்த பாடத்திட்டத்தில் எவையேனும் மாற்றங்கள்

இரண்டாம் பருவத்தில் உள்ள பக்தி இலக்கியம் (21UTA23CC04) என்னும் தாளில் அலகு-2 இல் மாணிக்கவாசகர் எட்டாம் திருமுறை- திருக்கோத்தும்பியில் "ஆதியும் அந்தமும் இல்லா அரும்பெரும்... (முதல் 10 பாடல்கள்) என இடம்பெற்றுள்ளது. இப்பகுதி நீக்கப்பட்டுப் "பூவேறு கோனும் புரந்தரனும்..." (முதல் 10 பாடல்கள்) என்னும் பதிகம் இடம்பெறுகிறது.

2022-2023 கல்வியாண்டில் சேரும் மாணவர்களுக்குப் பருவம்-1 பொதுத்தமிழ்-I க்குரிய சிறுகதைத்தொகுப்பாகத் தமிழாய்வுத்துறையின் வெளியீடான பத்துச் சிறுகதைகள் அடங்கிய '**அடையாளத்தீ '** என்னும் நூல் இடம்பெறுகிறது.

இத்தொகுப்பில் வ.வே.சு.ஐயர்- குளத்தங்கரை அரசமரம் சொன்ன கதை, அகிலன் -தாய்ப்பசு, கு.அழகிரிசாமி- காற்று, தொ.மு.சி. ரகுநாதன் – சேற்றில் மலர்ந்த செந்தாமரை, டி.செல்வராஜ்- கிணறு, மா.நடராசன் – அடையாளத்தீ, குறிஞ்சி ஞான வைத்தியநாதன்- கல்விச் செல்வம், பாமா- ஒரு தாத்தாவும் எருமையும், குறும்பனை சி.பெர்லின் -பாம்படம், சி.சேதுராமன்- கண்ணீரும் தண்ணீரும் ஆகிய சிறுகதைகள் இடம்பெறுகின்றன.

2022-2023 கல்வியாண்டில் சேரும் மாணவர்களுக்குப் பருவம்-3 பொதுத்தமிழ்-IIIக்குரிய புதினமாக நியூ செஞ்சுரி புக் ஹவுஸ் நிறுவனத்தின் வெளியீடான கு.பெ.பாலசுப்பிரமணியத்தின் '**வயல்'** என்னும் நூல் இடம்பெறுகிறது.

ஆ) 2021-2022 இல் நடைமுறைக்கு வந்த பாடத்திட்டத்தில் பாடக்குறியீடு மாற்றங்கள்.

2021-2022 இல் நடைமுறைக்கு வந்த பாடத்திட்டத்தில் கீழ்க்கண்ட பாடக்குறியீடுகளில் மாற்றங்கள் மேற்கொள்ளப்பெற்றுள்ளன. *(மாற்றியமைக்கப்பெற்ற திருத்தங்களுடன் கூடிய முழுமையான பாடத்திட்டம் இணைப்பு-1 இல் இடம்பெற்றுள்ளது)*

SEM.	Title of the papers	Existing Code	Modified Code
III	ALLIED -1(Optional) இலக்கியத் திறனாய்வு	21UTA33AO3A	21UTA33AO03A
	ALLIED -1(Optional) தொல்லியல்	21UTA33AO3B	21UTA33AO03B
	SEC -1 (WD) கணினித்தமிழ்	21UTA34SE1A	21UTA34SE01A
	SEC -1 (WD) இணையத்தமிழ்	21UTA34SE1B	21UTA34SE01B
	Social Ethics-I	21UHE34VE3A	21UHE34VE03A
	Religious Doctrine-I	21UHE34VE3B	21UHE34VE03B
IV	ALLIED -2(Optional) மொழிபெயர்ப்பியல்	21UTA43AO4A	21UTA43AO04A
	ALLIED -2(Optional) மக்கள் தகவல் தொடர்பியல்	21UTA43AO4B	21UTA43AO04B
	SEC -2 (BS) மேடைப்பேச்சுக்கலை	21UTA44SE2A	21UTA44SE02A
	SEC-2 (BS) திரைப்படத் திறனாய்வும் குறும்பட உருவாக்கமும்	21UTA44SE2B	21UTA44SE02B
	Social Ethics-II	21UHE44VE4A	21UHE44VE04A
	Religious Doctrine-II	21UHE44VE4B	21UHE44VE04B
V	**DSE-1:** சமுதாய மாற்ற இலக்கியம்	21UTA53ES1A	21UTA53ES01A
	DSE-1:நடுவணரசுப் பணித்தேர்வுத் தமிழ்	21UTA53ES1B	21UTA53ES01B
	DSE -2:நாட்டுப்புறவியல்	21UTA53ES2A	21UTA53ES02A
	DSE -2:ஒப்பிலக்கியம்	21UTA53ES2B	21UTA53ES02B

VI	**DSE-3:** சிற்றிலக்கியம்	21UTA63ES3A	21UTA63ES03A
	DSE-3:அற இலக்கியம்	21UTA63ES3B	21UTA63ES03B
	DSE-4: நாடகக்கலை	21UTA63ES4A	21UTA63ES04A
	DSE-4: உரைநடைத் தமிழ்	21UTA63ES4B	21UTA63ES04B
	SEC -4 (WS): படைப்பிலக்கியம்	21UTA64SE4A	21UTA64SE04A
	SEC -4 (WS):நிகழ்த்துக்கலை	21UTA64SE4B	21UTA64SE04B

இ) தேர்வாளர் பட்டியல்

பருவத்தேர்வு வினாக்களை வடிவமைத்தல், மதிப்பிடுதல் ஆகிய பணிகளுக்கான புறத்தேர்வாளர்களின் பட்டியலுக்கு ஒப்புதல் அளிக்கப்பெற்றது. (புறத்தேர்வாளர்களின் பட்டியல் இணைப்பு-2இல் இடம்பெற்றுள்ளது)

இறுதியில் துறைத்தலைவர் முனைவர் ஞா.பெஸ்கி அவர்களின் தொகுப்புரையுடன் கூட்டம் நண்பகல் 12.40 மணிக்கு நிறைவுற்றது.

B.A. TAMIL								
PROGRAMME PATTERN								
Course Details						**Scheme of Exams**		
Sem	**Part**	**Course Code**	**Course Title**	**Hrs**	**Cr**	**CIA**	**SE**	**Final**
I	1	21UTA11GL01	General Tamil -I	4	3	100	100	100
		21UFR11GL01	French-I					
		21UHI11GL01	Hindi-I					
		21USA11GL01	Sanskrit-I					
	2	21UEN12GE01	General English -I	5	3	100	100	100
	3	21UTA13CC01	இக்கால இலக்கியம் (Contemporary literature)	*7*	*4*	100	100	100
	3	21UTA13CC02	தமிழ்மொழிவரலாறும் மொழியியலும் (History of Tamil Language and Linguistics)	*6*	*4*	100	100	100
	3	21UTA13AC01	**Allied -1 :**பயன்முறை இலக்கணம் (Applied Grammar)	6	4	100	100	100
	4	21UHE14VE01	Essentials of Humanity	2	1	50	50	50
	4	21UEN14AE01	**AECC-1:** Communicative English	(6)	4	100	-	100
			Total	**30**	**23**			
II	1	21UTA21GL02	General Tamil -II	4	3	100	100	100
		21UFR21GL02	French-II					
		21UHI21GL02	Hindi-II					
		21USA21GL02	Sanskrit-II					
	2	21UEN22GE02	General English -II	5	3	100	100	100
	3	21UTA23CC03	நன்னூல் எழுத்து (Nannool-Orthography)	*6*	4	100	100	100
	3	21UTA23CC04	பக்தி இலக்கியம் (Devotional literature)	5	3	100	100	100
	3	21UTA23AC02	**Allied -II:**தமிழகவரலாறும் பண்பாடும் (History of Tamilnadu and Culture)	6	4	100	100	100
	4	21UHE24AE02	**AECC-2 :** Environmental studies	2	2	50	50	50
	4	21UHE24VE02	Techniques of Social Analysis: Fundamentals of Human Rights	2	1	50	50	50
			Extra Credit Courses (MOOC)-1	-	(2)			
			Total	**30**	**20(2)**			
III	1	21UTA31GL03	General Tamil -III	4	3	100	100	100
		21UFR31GL03	French- III					
		21UHI31GL03	Hindi- III					
		21USA31GL03	Sanskrit- III					
	2	21UEN32GE03	General English - III	5	3	100	100	100
	3	21UTA33CC05	நம்பியகப்பொருள் (Intrinsic Grammar – Nambiakapporul)	6	4	100	100	100
	3	21UTA33CC06	நன்னூல்- சொல் (Nannool- Etymology)	5	3	100	100	100
	3	21UTA33AO03A	**Allied Optional** : இலக்கியத்திறனாய்வு (Literary Criticism)	6	4	100	100	100
		21UTA33AO03B	**Allied Optional** : தொல்லியல் (Archeology)					
	4	21UTA34SE01A	**SEC -1 (WD):**கணினித்தமிழ் (Computing Tamil)	2	1	100	-	100

		21UTA34SE01B	**SEC -1 (WD):**இணையத்தமிழ் (Internet Tamil)					
	4	21UHE34VE03A	Professional Ethics–I: Social Ethics - I	2	1	50	50	50
		21UHE34VE03B	Professional Ethics -I: Religious Doctrine-I					
			Extra Credit Courses (MOOC)-2		(2)			
			Total	**30**	**19(2)**			
IV	1	21UTA41GL04A	தொடர்பியல் தமிழ்(Communicative Tamil)(SLAC)	4	3	100	100	100
		21UTA41GL04B	அறிவியல் தமிழ்(Scientific Tamil)(SBS, SPS,SCS)					
		21UTA41GL04C	வணிகத் தமிழ் (Commercial Tamil) (SMS)					
		21UFR41GL04	French-IV					
		21UHI41GL04	Hindi-IV					
		21USA41GL04	Sanskrit-IV					
	2	21UEN42GE04	General English -IV	5	3	100	100	100
	3	21UTA43CC07	யாப்பருங்கலக்காரிகை (Prosody –Yapparunkalakaarigai)	*6*	4	100	100	100
	3	21UTA43CC08	புறப்பொருள் வெண்பாமாலை (Extrinsic Grammar -Purapporul Venbaamaalai)	*5*	3	100	100	100
	3	21UTA43AO04A	**Allied Optional** :மொழிபெயர்ப்பியல் (Translation)	6	4	100	100	100
		21UTA43AO04B	**Allied Optional** : மக்கள் தகவல் தொடர்பியல் (Mass Communication)					
	4	21UTA44SE02A	**SEC -2 (BS):** மேடைப்பேச்சுக்கலை (Art of Public Speaking)	2	1	100	-	100
		21UTA44SE02B	**SEC -2 (BS):**திரைப்படத் திறனாய்வும் குறும்படஉருவாக்கமும் (Film Criticism and Documentary Creation)					
	4	21UHE44VE04A	Professional Ethics–II: Social Ethics - II	2	1	50	50	50
		21UHE44VE04B	Professional Ethics -II: Religious Doctrine-II					
			Total	**30**	**19**			
V	3	21UTA53CC09	சங்க இலக்கியம் (Sangam Literature)	*7*	*4*	100	100	100
	3	21UTA53CC10	தண்டியலங்காரம் (Figure of speech-Thandialankaram)	*7*	*4*	100	100	100
	3	21UTA53ES01A	**DSE-1:**சமுதாயமாற்ற இலக்கியம் (Social transformative literature)	5	3	100	100	100
		21UTA53ES01B	**DSE-1:**நடுவணரசுப் பணித்தேர்வுத்தமிழ் (UPSC- Tamil)					
	3	21UTA53ES02A	**DSE -2:**நாட்டுப்புறவியல்(Folklore)	5	3	100	100	100
		21UTA53ES02B	**DSE -2:**ஒப்பிலக்கியம் (Comparative Literature)					
	3	21UTA53IS01	Internship	-	2	100	-	100
	3	21UTA53SP01	**Self-paced Learning:**புத்திலக்கியம் (Modern Literature)	-	2	50	50	100
	3	21UTA53FV01	Field study/ Industrial visit/ Case Study	-	1	100	-	100

	4	21USS54SE03	**SEC -3** : Soft Skills	2	1	100	-	100
	4	21UTA54EG01	**GE-1:***தமிழிலக்கியத்தில் மனிதஉரிமைகள்* (Human rights in Tamil literature)	4	3	100	100	100
			Extra Credit Courses (MOOC)-3		(2)			
	Total			**30**	**23(2)**			
VI	3	21UTA63CC11	*காப்பியங்கள்* (Epics)	7	4	100	100	100
	3	21UTA63CC12	*செவ்வியல் தமிழ்* (Classical Tamil)	7	4	100	100	100
	3	21UTA63ES03A	**DSE-3:***சிற்றிலக்கியம்* (Minor literature)	5	3	100	100	100
		21UTA63ES03B	**DSE-3:***அற இலக்கியம்*(Ethical literature)					
	3	21UTA63ES04A	**DSE-4:***நாடகக்கலை* (Art of Drama)	5	3	100	100	100
		21UTA63ES04B	**DSE-4:***உரைநடைத்தமிழ்* (Tamil Prose)					
	3	21UTA63PW01	Project Work	-	2	100	100	100
	3	21UTA63CE01	Comprehensive Examination	-	2	50	50	100
	4	21UTA64SE04A	**SEC -4 (WS):***படைப்பிலக்கியம்* (Creative Literature)	2	1	100	-	100
		21UTA64SE04B	**SEC -4 (WS):***நிகழ்த்துக்கலை*(Performing Arts)					
	4	21UTA64EG02	**GE-2**:*சித்தமருத்துவம்* (Siddha Medicine)	4	3	100	100	100
	Total			**30**	**22**			
I-VI	5	21UCW65OR01	Outreach Programme (SHEPHERD)		4			
			Total(three years)	**180**	**130(6)**			

BOARD OF STUDIES MEETING - HELD ON 06-06-2022 DEPARTMENT OF TAMIL St. JOSEPH'S COLLEGE(AUTONOMOUS) TIRUCHIRAPPALLI -620002		
S. No.	**Name and address**	**Signature**
1.	Dr. N. Sivajikabilan, Associate Professor & Head, Department of Tamil, A.V.V.M. Sri Pushpam College (Autonomous), Poondi – 613 503, Thanjavur District **(University Representative)**	- ABSENT -
2.	Dr. R. Kurinchiventhan, Professor & Head, Dept. of Tamil Studies in Foreign Countries Tamil University, Thanjaur – 5. E-mail: kurinjivenden@gmail.com Mobile: 9629662507 **(Subject Expert)**	- ABSENT -
3.	Dr. K. Sirajudheen, Asst. Professor of Tamil Jamal Mohammed College, Trichy – 620 020 E-mail: sirajudeensvmtamil@gmail.com Mobile: 9865721142	- ABSENT -
4.	Dr. G. Beschi	
5.	Dr. P. Pushparaj	
6.	Dr. A. Joseph Sahayaraj	
7.	Dr. D. Wilson	
8.	Dr. A. Rajathi	
9.	Dr. J. Benjamin Aron Titus	
10.	Dr. S. Shagilabanu	
11.	Dr. A. Maria Dhanabal	
12.	Dr. R. Nallamuthu	
13.	Mr. K. Anthony Raja	
14.	Mr. A. Adaikkalaraj	
15.	Dr. S. Arockia Dhanaraj	
16.	Ms. S. Backya Selva Rathi	
17.	Dr. S. Srinivasan	
18.	Dr. M. Dhanalakshmi	- ABSENT -
19.	Dr. R. Murali Krishnan	
20.	Mr. I. Yogaraj	
21.	Dr. L. Charles	
22.	Dr. B. Johnson	

SCHOOL OF MANAGEMENT STUDIES

DEPARTMENT OF BUSINESS ADMINISTRATION

MINUTES OF THE BOARD OF STUDIES IN BUSINESS ADMINISTRATION HELD ON 06.06.2022

The Board of Studies Meeting for discussing and approving the minor corrections in the revised 2021 UG syllabus of BBA Department was held on 6th June 2022 at12.00 Noon in BBA Department. The meeting started with a silent prayer. Later, Prof. Octovia Antony Sessamal, Head of the Department welcomed the internal board members.

External Members invited:

1. Dr. M. Babu, Associate Professor, Bharathidasan School of Management, Bharathidasan University, Tiruchirappalli- 620024. **(University Representative)**
2. Dr. C. JothiBaskara 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, Guardian India Private Limited, Chennai**. (Alumnus)**

The external members were not present for the meeting, hence the meeting was conducted with the internal members.

Internal Members participated in the Board of Studies:

1. Prof. Octovia Antony Sessamal - Head
2. Dr. J. Vincent Xavier -
3. Dr. S. Clemence Jenifer
4. Prof. P. Premakumari
5. Prof. S. Arputharaj
6. Prof. C. Annie Jane
7. Prof. D. Rinaldo De David
8. Prof. J. InigoPapuVinodhan

Agenda for the Board of Studies Meeting

- Any minor corrections in the revised 2021 UG syllabus of BBA
- Any other matter.

The members discussed on the 2021 syllabus and suggested a few corrections such as Including insertion of Unit headings for each unit, formatting the Textbooks referencing style and adding Page numbers for each unit in the mentioned reference books.

Members of the board also discussed the percentage distribution of marks for theory and problems in quantitative papers.

The following recommendations to be made regarding Question Paper Pattern for Quantitative Papers For Batch 2021.

Mid & End Semester Tests: Batch 2021

Section	**Pattern**
A	9 x 1 = 9 (Compulsory Questions)
B	3 x 5 = 15 (Internal Choice)
C	3 x 12 = 36 (3 out of 4)
Maximum Marks -60	
Duration: 2 Hours	

Semester examinations: Batch 2021

Section	**Pattern**
A	10 x 1 = 10 (Compulsory Questions)
B	5 x 6 = 30 (Internal Choice)
C	4 x 15 = 60 Marks (4 Out of Five)
Maximum Marks -100	
Duration : 3 Hrs	

List of Quantitative Papers - 2021 Batch

Sem	Part	Course code	Course Title	Hrs	Cr	CIA	SEM	Final
I	3	21UBU13CC02	Financial Accounting	7	4	100	100	100
II	3	21UBU23AC02	Allied II: Business Mathematics and Statistics for Managers	6	4	100	100	100
III	3	21UBU33CC06	Operations Research for Managers	5	3	100	100	100
IV	3	21UBU43CC08	Cost Accounting	6	4	100	100	100
V	3	21UBU53CC10	Management Accounting	6	4	100	100	100
VI	3	21UBu63CC13	Financial Management	7	4	100	100	100

The meeting came to an end by12.45 PM with the members approval regarding the corrections and with a note of Gratitude by the head of the department.

B.B.A. BUSINESS ADMINISTRATION								
PROGRAMME PATTERN								
Course Details						Scheme of Exams		
Sem	**Part**	**Course Code**	**Course Title**	**Hrs**	**Cr**	**CIA**	**SE**	**Final**
I	1	21UTA11GL01 21UFR11GL01 21UHI11GL01 21USA11GL01	General Tamil - I French -I Hindi – I Sanskrit - I	4	3	100	100	100
	2	21UEN12GE01	General English – I	5	3	100	100	100
	3	21UBU13CC01	Principles of Management	6	4	100	100	100
	3	21UBU13CC02	Financial Accounting	7	4	100	100	100
	3	21UBU13AC01	**Allied I:** Managerial Economics	6	4	100	100	100
	4	21UEN14AE01	**AECC - 1** Communicative English	(6)	4	100	-	100
	4	21UHE14VE01	Essentials of Humanity	2	1	50	50	50
	TOTAL			**30**	**23**			
II	1	21UTA21GL02 21UFR21GL02 21UHI21GL02 21USA21GL02	General Tamil - II French – II Hindi – II Sanskrit – II	4	3	100	100	100
	2	21UEN22GE02	General English - II	5	3	100	100	100
	3	21UBU23CC03	Human Resource Management	4	3	100	100	100
	3	21UBU23CC04	Marketing Management	4	3	100	100	100
	3	21UBU23CC05	Business Communication	3	1	100	100	100
	3	21UBU23AC02	**Allied II:** Business Mathematics and Statistics for Managers	6	4	100	100	100
	4	21UHE24AE02	**AECC - 2:** Environmental studies	2	2	50	50	50
	4	21UHE24VE02	Techniques of Social Analysis: Fundamentals of Human Rights	2	1	50	50	50
			Extra Credit courses (MOOC)-1	-	**(2)**			
	Total			**30**	**20(2)**			
III	1	21UTA31GL03 21UFR31GL03 21UHI31GL03 21USA31GL03	General Tamil - III French – III Hindi – III Sanskrit – III	4	3	100	100	100
	2	21UEN32GE03	General English – III	5	3	100	100	100
	3	21UBU33CC06	Operations Research for Managers	5	3	100	100	100
	3	21UBU33CC07	TallyPrime	4	3	100	100	100
	3	21UBU33CP01	**Practical:** TallyPrime - Software Lab	2	1	100	100	100
	3	21UBU33AO03A	**Allied Optional:**OrganisationalBehaviour	6	4	100	100	100
		21UBU33AO03B	**Allied Optional:** Emotional Intelligence and Managerial Effectiveness					
	4	21UBU34SE01A	**SEC - 1 (WD):** Digital and Social Media Marketing	2	1	100	-	100
		21UBU34SE01B	**SEC - 1 (WD):** Business Ethics and Corporate Social Responsibility					
	4	21UHE34VE03A	Professional Ethics – I: Social Ethics - I	2	1	50	50	50
		21UHE34VE03B	Professional Ethics - I: Religious Doctrine - I					
			Extra Credit Courses (MOOC) - 2		**(2)**			
	Total			**30**	**19 (2)**			

IV	1	21UTA41GL04C 21UFR41GL04 21UHI41GL04 21USA41GL04	Commercial Tamil French – IV Hindi – IV Sanskrit – IV	4	3	100	100	100
	2	21UEN42GE04	GeneralEnglish – IV	5	3	100	100	100
	3	21UBU43CC08	Cost Accounting	6	4	100	100	100
	3	21UBU43CC09	Business Analytics	3	2	100	100	100
	3	21UBU43CP02	Business Analytics - Practical	2	1	100	100	100
	3	21UBU43AO04A	**Allied Optional:** Entrepreneurial Development	6	4	100	100	100
		21UBU43AO04B	**Allied Optional:** Management of Business Sustainability					
	4	21UBU44SE02A	**SEC - 2 (BS):** Entrepreneurial skills Enhancement	2	1	100	-	100
		21UBU44SE02B	**SEC - 2 (BS):** Practical Stock Trading					
	4	21UHE44VE04A	Professional Ethics - II: Social Ethics - II	2	1	50	50	50
		21UHE44VE04B	Professional Ethics - II: Religious Doctrine - II					
	Total			**30**	**19**			
V	3	21UBU53CC10	Management Accounting	6	4	100	100	100
	3	21UBU53CC11	Legal Aspects of Business	4	2	100	100	100
	3	21UBU53CC12	Research Methods for Management	4	2	100	100	100
	3	21UBU53ES01A	**DSE – 1:** Production and Material	5	3	100	100	100
		21UBU53ES01B	**DSE – 1:**Strategic Management					
	3	21UBU53ES02A	**DSE – 2:** Banking and Insurance	5	3	100	100	100
		21UBU53ES02B	**DSE – 2:** Financial Planning and Investment Management					
	3	21UBU53IS01	Internship	-	2	100	-	100
	3	21UBU53SP01A	**Self-Paced Learning:** Advertising and Sales Promotion	-	2	50	50	50
		21UBU53SP01B	**Self-Paced learning:** Customer Relationship Management					
	3	21UBU53FV01	Field Study/ Industrial visit/ Case study	-	1	100	-	100
	4	21USS54SE03	**SEC - 3** Soft Skills	2	1	100	-	100
	4	21UBU54EG01A	**GE - 1:** Global supply chain management	4	3	100	100	100
		21UBU54EG01B	**GE - 1:** Start–Ups and Small Business Management					
			Extra Credit Courses (MOOC) - 3		(2)			
	Total			**30**	**23 (2)**			
VI	3	21UBU63CC13	Financial Management	7	4	100	100	100
	3	21UBU63CC14	International Business	7	4	100	100	100
	3	21UBU63ES03A	**DSE – 3:** Industrial Relations and Labour	5	3	100	100	100
		21UBU63ES03B	**DSE – 3:** Leadership and group Dynamics					
	3	21UBU63ES04A	**DSE – 4:** Services Marketing	5	3	100	100	100
		21UBU63ES04B	**DSE – 4:** Logistics and supply chain Management					
	3	21UBU63PW01	Project Work and viva voce	-	2	100	100	100
	3	21UBU63CE01	**Comprehensive Examination**		2	50	50	50
	4	21UBU64SE04A	**SEC - 4 (WS):** Business Case Analysis	2	1	100	-	100
		21UBU64SE04B	**SEC - 4 (WS):** Export Management					
	4	21UBU64EG02A	**GE - 2 :**Personality Development	4	3	100	100	100
		21UBU64EG02B	**GE - 2:** NGO Management					
	Total			**30**	**22**			
I - VI	5	21UCW65OR01	Outreach Programme (SHEPHERD)		4			
			TOTAL(for three years)	**180**	**130 (6)**			

BOARD OF STUDIES MEETING - HELD ON 06-06-2022		
DEPARTMENT OF BUSINESS ADMINISTRATION St. JOSEPH'S COLLEGE(AUTONOMOUS) TIRUCHIRAPPALLI -620002		
S.No.	**Name and address**	**Signature**
1.	Dr. M. Babu Associate Professor Bharathidasan School of Managt., Bharathidasan University, TIruchirappalli – 620 024 **(University Representative)**	ABSENT
2.	Dr. C. Jothi baskara Mohan Associate Professor Dept. of Business Administration Thaigarajan College (Autonomous). E-mail: jothimohan2005@yahoo.co.in Mobile: 0452-2311875 **(Subject Expert)**	ABSENT
3.	Mr. Santhosh Kumar Subash Chandra Bose Director of Niron Life Science Limited, V.M. towers, B2, Selvakumarasamy Gardens, Theivanayagi Nagar, Ganapathy Post, Coimbatore – 641 006 E-mail: info@nironlifescience.com Mobile: 919361834618	ABSENT
4.	Ms C.F.Octovia Antonoy Sessammal	
5.	Dr. J. Vincent Xavier	
6.	Mr. S. Arputharaj	
7.	Ms. S. Clemence Jenifer	
8.	Ms. P. Premakumari	
9.	Ms. C. Annie Jane	
10.	Mr. D. Rinaldo De David	
11.	Mr. J. Inigo Papu Vinodhan	

G. JOHN, Ph.D.,
DEAN-School of Management Studies
St. Joseph's College (Autonomous)
Tiruchirappalli-620 002.

DEPARTMENT OF COMMERCE AND COMMERCE HONOURS

MINUTES OF THE BOARD OF STUDIES IN COMMERCE AND COMMERCE HONOURS HELD ON 06.06.2022

Agenda:

- Approval of Question Paper Pattern for Mid &End Semester Tests and Semester Examination of Batch 2020 and subsequent batches for Quantitative Papers of Commerce & B.Com Honours
- Approval of Course Pattern for B.Com & M.Com of batch 2021
- Approval of minor changes in courses "Financial Accounting – I", Financial Accounting – II" & "Marketing Management"
- Approval of Syllabus for V & VI Semesters of B.Com Honours
- Ratifying the changes in the syllabus of B.Com Honours carried out during the academic year 2021-22

The following points were discussed during the Board of Studies (BoS) Meeting of Commerce Department held on 06.06.2021

1. The meeting began with the a short prayer following which Dr. F.R. Alexander PravinDurai, Head, Department of Commerce expressed his note of welcome to the External Member as well as the Faculty Members of the Department for their presence

2. The Head of the Department presented the Question Paper Patterns of Mid & End Semester Tests as well as the Semester Examination. It was proposedthat for B.Com, M.Comand B.Com Honours, a separate pattern would be followed for Quantitative Papers while the regular pattern prescribed by the College would be followed for theory papers. The decision was approved by the members of board unanimously.

   Question Paper Pattern for Quantitative Papers: **B.Com., M.Com., B.Com Honours**

   Mid & End Semester Tests:

   Batch: 2019, 2020 & 2021 | Quantitative Papers

   Section – A : 9x1 = 9
   Section – B : 3x5 =15 (either or)
   Section – C : 2x18 =36 (2 out of 3)
   Max. Marks: 60

   Semester Examination

   Batch: 2019 & 2020 & 2021 | Quantitative Papers

   Section – A : 10x1 = 10
   Section – B : 5x6 = 30 (either or)
   Section – C : 4x15 = 60 (4 out of 5)
   Max. Marks: 100

3. Next, the course patterns of B.Com, M.Com and BCOM Honours of batch 2021 were approved accepting the modifications made in the course code of electives

4. There were minor changesmade in the courses “Financial Accounting – I” “Financial Accounting – II” & “Marketing Management”. These changes were approved after discussion.

5. The Course pattern and Course Structure of B.Com Honours 2020 and 2021 Syllabus were approved by the board

6. The Syllabus for V & VI Semesters of B.Com Honours of batch 2020 were presented and approved by the board

7. TheSyllabus for III & IV Semesters of B.Com Honours of batch 2021 were presented and approved by the board

8. The following are changes are ratified in the syllabus of B.Com Honoursof 2021 Batch and approved by the Board:

    - Shifting of 21UCR24AE02 AECC 2: Environmental Studies to second semester from the present third semester in alignment with the common curriculum at college level.
    - Modification in hours and credits of 21UCR23CC02 Tally Prime and 21UCR33CC08 Business Analytics due to the consequent shifting of 21UCR24AEO2 AECC 2: Environmental Studies to second semester.

9. Change in the course code of Community Work (SHEPHERD) and Gender Studies from 14UCW650801to 17UCW651101 for syllabus 2020

List of Quantitative Papers

M.Com: Syllabus 2021

Sem	Course Code	Course Title	Hrs	Crs	CIA	SE	Final
I	21PCO1CC01	Advanced Corporate Accounting	7	6	100	100	100
	21PCO1CC02	Business Taxation	7	6	100	100	100
II	21PCO2CC05	Cost System and Cost Control	6	5	100	100	100
III	21PCO3CC07	Quantitative Techniques	7	6	100	100	100
	21PCO3EG02	**GE-2 (BS):** Basics of Taxation	4	3	100	100	100
IV	21PCO4CC10	Strategic Financial Management ***[Theory: 60% | Problems: 40%]***	7	6	100	100	100

B.Com: Syllabus 2021

Sem	Course Code	Course Title	Hrs	Crs	CIA	SE	Final
I	21UCO13CC01	Financial Accounting-I	8	4	100	100	100
II	21UCO13CC03	Financial Accounting-II	5	3	100	100	100
III	21UCO33CC06	Corporate Accounting	6	4	100	100	100
	21UMA33AO03B /21UST33AO03B	Allied Optional:Accounts– I ***[offered to II B.Sc., Mathematics & Statistics]***	6	4	100	100	100
IV	21UCO43CC08	Financial Management ***[Theory: 40% | Problems: 60%]***	6	4	100	100	100
	21UMA43AO04B /21UST43AO04B	Allied Optional: Accounts – II ***[offered to II B.Sc., Mathematics & Statistics]***	6	4	100	100	100
V	21UCO53CC10	Cost Accounting	6	4	100	100	100
	21UCO53CC12	Business Valuation and Analysis ***[Theory: 50% | Problems: 50%]***	4	2	100	100	100
	21UCO53ES0IA	**DSE-1:** Advanced Financial Management ***[Theory: 40% | Problems: 60%]***	5	3	100	100	100
	21UCO53ES02A	**DSE-2:** Financial Reporting and Analysis	5	3	100	100	100
VI	21UCO63CC13	Management Accounting	7	4	100	100	100
	21UCO63CC14	Income Tax Law and Practice	7	4	100	100	100

Semester	Course Code	Title of the Course	Hours	Credits
I	21UCO13CC01	CORE-01:FINANCIALACCOUNTING– 1	8	4

CONo	CO–Statements On successful completion of this course, students will be ableto;	CognitiveLevels (K–Levels)
CO–1	Explain accounting concepts, conventions, principles and standards.	K1
CO–2	Calculate interest using average due date.	K2
CO–3	prepare financial statements for trading and non-tradingconcernsunder single entryand double entry system.	K3
CO–4	calculatedepreciationunder variousmethods.	K4
CO–5	detect the reasons for differences in the balances of Cash book&pass book and reconcile them.	K5

Unit–I **(24 Hours)**

Meaning and Scope of Accounting - Branches of Accounting – Objectives of Accounting - Accounting Concepts and Equations - Brief outline on Accounting Standards – Classificationof Capital and Revenue items - Preparation of Final Accounts - Manufacturing Accounts -TradingAccounts-Profit & LossAccounts-BalanceSheet–simple AdjustmentEntries

Unit–II **(24 Hours)**

DepartmentalAccounts–Inter departmental transfers - Bills of exchange - Account Current - Average due date - Bank Reconciliation Statement -Favorableand unfavorable balances.

Unit–III **(24 Hours)**

Insurance - types of insurance policies available to an entity – Keyman insurance policy – Fidelityguaranteepolicy(theoriesonly)FireinsuranceClaims-Lossofstockpolicy (Problems)&LossofProfitpolicy(Problems)- AccountsofNon-TradingInstitutions-Receipt&Paymentsaccount–Income&ExpenditureAccount.

Unit–IV **(24 Hours)**

Single Entry System-Difference between singleentry and double entry system of accounting, Ascertainment of profit, Net worth method-Conversion method

Unit–V **(24 Hours)**

Depreciation-Meaning–Causes–DifferenceamongDepreciation,AmortizationandDepletion - Concept of Depreciation -Methods of providing Depreciation as per AccountingStandards6 (WDV&SLM) -shifting ofmethod with &without retrospectiveeffect

BookforStudy

R.L.Gupta&M.Radhaswamy,*"FinancialAccounting"*,SultanChand&Sons,NewDelhi,2017

BooksforReference

1. ShuklaMC,GrewalTS&GuptaSC,*"AdvancedAccounts(Vol.I)"*,S.ChandCompanyLtd.,New Delhi, 2016.
2. R.L.Gupta&M.Radhaswamy,*"AdvancedAccountancy",Vol.I,*SultanChand&Sons,NewDel hi, 2017.
3. S.P. Jain&K.L.Narang,*"Advanced Accountancy", Volume I*,Kalyani Publishers, NewDelhi,2015.
4. ReddyTSandMurthy,*FinancialAccounting(2020),*MarghamPublications,Chennai,2020.

Relationship matrix for Course outcomes,Programme outcomes/Programme Specific Outcomes

Semester	**Coursecode**			**TitleoftheCourse**				**Hours**		**Credits**
I	**21UCO13CC01**			**CORE-01:FINANCIALACCOUNTING-1**				**8**		**4**
Course Outcomes (COs)	**ProgrammeOutcomes(POs)**					**ProgrammeSpecificOutcomes(PSOs)**					**Mean Score of Cos**
	PO–1	**PO–2**	**PO–3**	**PO–4**	**PO–5**	**PSO–1**	**PSO–2**	**PSO–3**	**PSO–4**	**PSO–5**	
CO–1	3	2	2	3	2	2	2	2	2	2	2.2
CO–2	3	2	2	2	2	2	3	2	3	3	2.4
CO–3	2	3	2	3	2	3	2	3	3	3	2.6
CO–4	2	2	2	1	2	2	2	1	2	2	1.8
CO–5	3	2	3	3	1	3	1	3	2	1	2.2
MeanoverallScore											**2.2 (High)**

Semester	CourseCode	Titleof theCourse	Hours	Credits
II	**21UCO23CC03**	**CORE-03: FINANCIAL ACCOUNTING-II**	**5**	**3**

CO No.	CO–Statements	Cognitive Levels (K–Levels)
	On successful completion of this course, students will be ableto	
CO–1	Recognize the accounting methods and procedures of various forms of business.	**K1**
CO–2	Discuss the accounting practices of Branches and Departmental businesses.	**K2**
CO–3	Prepare the financial statements of partnership firm, joint venture companies and hirepurchase companies.	**K3**
CO–4	Calculate Insurance claims and Royalties.	**K4**
CO–5	Rectify the existing statements of accounts based on therelevantdata.	**K4**

Unit–I **(15 Hours)**

Accounts of partnership firm: Necessary Adjustments-Profit and Loss Appropriation Account – Capital Accounts of partners (Fixed capital, Fluctuating Capital) - Capital ratio –Change in Profit sharing Ratio – Pastadjustmentsand guarantee.

Unit–II **(15 Hours)**

Consignment - Account Sales – Books of Consignor – Books of Consignee - Valuation of stock– Loss of Goods (Normal, Abnormal)-Joint Venture-Sets of Books

Unit–III **(15 Hours)**

Branches - Dependent Branches – Debtors system – Branch adjustment a/c, Branch stock a/c and Branch Debtors a/c under Stock and Debtor system–Trading and Profit and loss accounts of Independent branches –wholesale branches (foreign branches excluded)

Unit–IV **(15 Hours)**

Hire Purchase System - Accounting Procedures for entries related to interest, payment of installment amounts and depreciation in the books of Hire purchaser and Hire vendor-Default in installment payment and Repossession of Goods- Hire Purchase trading Account under Debtors system – Hire purchase adjustment a/c, Hire purchase debtors a/c and Hire purchase stock a/c underStockand Debtors system-Installment System.

Unit–V **(15 Hours)**

Royalties-Lease and Sublease-Entries in the books of Lessor and Lessee.

Book forStudy

R.L.Gupta&M.Radhaswamy, *FinancialAccounting*,SultanChand&Sons,NewDelhi,2018

BooksforReference

1. ReddyTSandMurthy,*FinancialAccounting*,Margham Publications,Chennai,2020.
2. Shukla MC, Grewal TS & Gupta SC, *Advanced Accounts (Vol. I)*, S.Chand CompanyLtd.,New Delhi, 2016.
3. R.L. Gupta & M. Radhaswamy,*Advanced Accountancy, Vol. I*, Sultan Chand & Sons,NewDelhi, 2017.
4. SP.Jain&K.L.Narang,*AdvancedAccountancy,VolumeI*,KalyaniPublishers,NewDelhi,2015.

Relationship matrix for Course outcomes, Programme outcomes/ Programme Specific Outcomes

Semester	Course code	Title of the Course	Hours	Credits
II	21UCO23CC03	CORE-03: FINANCIAL ACCOUNTING-II	5	3

Course Outcomes (COs)	Programme Outcomes (POs)					ProgrammeSpecificOutcomes (PSOs)					MeanScore ofCos
	PO–1	PO–2	PO–3	PO–4	PO–5	PSO–1	PSO–2	PSO–3	PSO–4	PSO–5	
CO–1	3	3	2	2	1	3	3	3	3	1	2.4
CO–2	3	3	2	2	1	3	3	3	2	1	2.3
CO–3	3	3	3	3	2	3	3	3	2	1	2.6
CO–4	3	3	3	2	1	3	3	3	2	1	2.4
CO–5	3	3	3	2	1	3	3	2	2	1	2.3
MeanoverallScore											2.4 (High)

Semester:**II** Hours/Week:**4**

Subject Code: **21UCO23AC02** Credits:**2**

ALLIED: 2 MARKETING MANAGEMENT(2022 July onwards)

Course Outcomes:

COs	Statements	Cognitive Level [K Level]
After completing the course, students will be able to:		
CO1	Describe the concepts and elements of marketing	K1
CO2	Explain market segmentation and consumer behavior	K2
CO3	Apply appropriate product, pricing, promotion and distribution strategies of the modern business	K3
CO4	Recommend effective marketing channels and tools	K3
CO5	Analyze global environment for sustainable and ethical marketing	K4

UNIT-1 **(15 Hours)**

Market - Introduction, Meaning, Definition and Classifications. Marketing -Meaning and Definition. Marketing process- understanding the marketplace and customer needs. Concepts and Evolution - Functions of Marketing. Marketing Mix- Definition, Factors Determining Marketing Mix-Extended Marketing Mix – process, people and physical evidence.

UNIT-2 **(15 Hours)**

Product- Meaning and Definition, Product Mix, Product Life Cycle (PLC).New Product Development process; Branding- Functions andBenefits.Market Segmentation-Requirements, Benefits and Bases of Segmentation.

UNIT-3 **(15 Hours)**

Pricing- Definition, Factors influencing Pricing strategies-Objectives and Policies, Kinds of Pricing.Channels of Distribution –Functions and types,Wholesalers and Retailers. Factors influencing channelselection.

UNIT-4 **(15 Hours)**

Communication- Definition, Process, Types - steps in developing effective marketing communication.Promotion-Definitions, requirement, Promotion Mix- Elements, Advertising-Advantages and Disadvantages, Sales Promotion and its techniques, Personal Selling, Public Relation and Direct Marketing.

UNIT-5 **(15 Hours)**

Global Marketing Environment- Micro and Macro environment. Sustainable Marketing-principles of sustainable marketing. Social criticism of marketing - Marketing's Impact: on Individual Consumers, on society as a whole, on other businesses. Social Responsibility and Marketing ethics.

Text Book:

Gupta C.B., Nair Rajan , Marketing Management, Sultan Chand & Sons, New Delhi (2018)

Reference Books:

R.S.N. Pillai &Bagavathi, Modern Marketing: Principles and Practices: S. Chand &Co Ltd New Delhi, (2016)

Kotler Philip et al. "Principles of Marketing" (17e), Pearson Education, New Delhi, (2018)

Kotler Philip. Amstrong,Gary. Agnihotri,Prafulla. Haque, EhsanUl. "Principles of Marketing".Pearson Education, New Delhi, (2018)

William J Stanton,Michael J Etzel, Bruce J Walker, Fundamentals of Marketing, Tata McGrawHill, (2014)

B.COM								
PROGRAMME PATTERN								
Course Details						**Scheme of Exams**		
Sem	**Part**	**Course Code**	**Course Title**	**Hrs**	**Cr**	**CIA**	**SE**	**Final**
I	1	21UTA11GL01	General Tamil - I	4	3	100	100	100
		21UFR11GL01	General French-I					
		21UHI11GL01	General Hindi-1					
		21USA11GL01	General Sanskrit-I					
	2	21UEN12GE01	General English-I	5	3	100	100	100
	3	21UCO13CC01	Financial Accounting-I	8	4	100	100	100
	3	21UCO13CC02	Business Organisation and Management	6	3	100	100	100
	3	21UCO13AC01	**Allied-1:** Business Economics and Environment	5	4	100	100	100
	4	21UHE14VE01	Essentials of Humanity	2	1	50	50	50
	4	21UEN14AE01	**AECC-1:** Communicative English	(6)	4	100	-	100
			Total	**30**	**22**			
II	1	21UTA21GL02	General Tamil - II	4	3	100	100	100
		21UFR21GL02	General French-II					
		21UHI21GL02	General Hindi-II					
		21USA21GL02	General Sanskrit-II					
	2	21UEN22GE02	General English-II	5	3	100	100	100
	3	21UCO23CC03	Financial Accounting-II	5	3	100	100	100
	3	21UCO23CC04	Modern Banking	4	3	100	100	100
	3	21UCO23CC05	TallyPrime	4	2	100	100	100
	3	21UCO23AC02	**Allied-2:** Marketing Management	4	4	100	100	100
	4	21UHE24VE02	Techniques of Social Analysis: Fundamentals of Human Rights	2	1	50	50	50
	4	21UHE24AE02	**AECC-2:** Environmental Studies	2	2	50	50	50
			Extra Credit Courses (MOOC) – 1	-	(2)			
			Total	**30**	**21 (2)**			
III	1	21UTA31GL03	General Tamil - III	4	3	100	100	100
		21UFR31GL03	General French-III					
		21UHI31GL03	General Hindi-III					
		21USA31GL03	General Sanskrit-III					
	2	21UEN32GE03	General English-III	5	3	100	100	100
	3	21UCO33CC06	Corporate Accounting	6	4	100	100	100
	3	21UCO33CC07	Business & Corporate Laws	5	3	100	100	100
	3	21UCO33AO03A	**Allied Optional**: Elements of Mathematics	6	4	100	100	100
	3	21UCO33AO03B	**Allied Optional**: Business Mathematics					
	4	21UCO34SE01A	**SEC-1: (WD):** GST Filing	2	1	100	-	100
		21UCO34SE01B	**SEC-1:** Digital Marketing Skills					
		21UCO34SE01C	**SEC-1:** Stock Trading					
	4	21UHE34VE03A	Professional Ethics–I: Social Ethics-I	2	1	50	50	50
		21UHE34VE03B	Professional Ethics -I: Religious Doctrine-I					
			Extra Credit Courses (MOOC)-2	-	(2)			
			Total	**30**	**19 (2)**			
IV	1	21UTA41GL04C	Commercial Tamil (SMS)	4	3	100	100	100
		21UFR41GL04	General French-IV					
		21UHI41GL04	General Hindi-IV					
		21USA41GL04	General Sanskrit-IV					
	2	21UEN42GE04	General English-IV	5	3	100	100	100
	3	21UCO43CC08	Financial Management	6	4	100	100	100
	3	21UCO43CC09	Financial System and Services	5	3	100	100	100

	3	21UCO43AO04A	**Allied Optional**: Elements of Statistics	6	4	100	100	100
		21UCO43AO04B	**Allied Optional**: Business Statistics					
	4	21UCO44SE02A	**SEC-2: (BS):** Personal Finance Management	2	1	100	-	100
		21UCO44SE02B	**SEC-2: (BS):** Marketing Skills					
		21UCO44SE02C	**SEC-2: (BS):** Event Planning and Management					
	4	21UHE44VE04A	Professional Ethics–II: Social Ethics - II	2	1	50	50	50
		21UHE44VE04B	Professional Ethics -II: Religious Doctrine-II					
			Total	**30**	**19**			
V	3	21UCO53CC10	Cost Accounting	6	4	100	100	100
	3	21UCO53CC11	Auditing & Corporate Governance	4	2	100	100	100
	3	21UCO53CC12	Business Valuation and Analysis	4	2	100	100	100
	3	21UCO53ES01A	**DSE-1:** Advanced Financial Management	5	3	100	100	100
		21UCO53ES01B	**DSE-1:** Human Resource Management					
		21UCO53ES01C	**DSE-1:** Consumer Behaviour and Marketing Research					
	3	21UCO53ES02A	**DSE-2:** Financial Reporting and Analysis	5	3	100	100	100
		21UCO53ES02B	**DSE-2:** Labour Laws					
		21UCO53ES02C	**DSE-2:** Advertisement and Sales Promotion					
	3	21UCO53IS01	Internship	-	2	100	-	100
	3	21UCO53SP01A	**Self-Paced Learning:** Social Networking Services	-	2	50	50	50
		21UCO53SP01B	Innovation Management					
		21UCO53SP01C	Commerce for Competitive Examination					
	3	21UCO53FV01	Field Study | Industrial Visit | Case Study	-	1	100	-	100
	4	21USS54SE03	**SEC-3:** Soft Skills	2	1	100	-	100
	4	21UCO54EG01A	**GE-1:** Computerised Accounting	4	3	100	100	100
		21UCO54EG01B	**GE-1:** Basics of Excel					
		21UCO54EG01C	**GE-1:** Personal Investment Planning					
			Extra Credit Courses (MOOC)-3	-	(2)			
			Total	**30**	**23 (2)**			
VI	3	21UCO63CC13	Management Accounting	7	4	100	100	100
	3	21UCO63CC14	Income Tax Law and Practice	7	4	100	100	100
	3	21UCO63ES03A	**DSE-3:** Insurance Management	5	3	100	100	100
		21UCO63ES03B	**DSE-3:** Organisational Behaviour					
		21UCO63ES03C	**DSE-3:** Retail Management					
	3	21UCO63ES04A	**DSE-4:** Financial Analytics	5	3	100	100	100
		21UCO63ES04B	**DSE-4:** HR Analytics					
		21UCO63ES04C	**DSE-4:** Marketing Analytics					
	3	21UCO63PW01	Project Work	-	2	100	100	100
	3	21UCO63CE01	Comprehensive Examination	-	2	50	50	50
	4	21UCO64SE04A	**SEC-4 (WS):** MSMEs	2	1	100	-	100
		21UCO64SE04B	**SEC-4 (WS):** Digital Banking					
		21UCO64SE04C	**SEC-4 (WS):** Relationship Marketing					
	4	21UCO64EG02A	**GE-2:** Rural Marketing	4	3	100	100	100
		21UCO64EG02B	**GE-2:** Entrepreneurship Development					
		21UCO64EG02C	**GE-2:** Digital Marketing					
			Total	**30**	**22**			
	5	21UCW65OR01	Outreach Programme (SHEPHERD)		4			
			Total *(for three years)*	**180**	**130 (6)**			

M.COM							
PROGRAMME PATTERN							
Course Details					**Scheme of Exams**		
Sem	**Course Code**	**Course Title**	**Hrs**	**Cr**	**CIA**	**SE**	**Final**
I	21PCO1CC01	Advanced Corporate Accounting	7	6	100	100	100
	21PCO1CC02	Business Taxation	7	6	100	100	100
	21PCO1CC03	Strategic Management	7	6	100	100	100
	21PCO1ES01A	**DSE-1:** NGO Management	5	4	100	100	100
	21PCO1ES01B	**DSE-1:** Digital Business and Marketing					
	21PCO1AE01	**AEC:** Personal Financial Management	4	3	50	50	50
		Total	**30**	**25**			
II	21PCO2CC04	Research Methodology	6	5	100	100	100
	21PCO2CC05	Cost System and Cost Control	6	5	100	100	100
	21PCO2CC06	Financial Services	5	5	100	100	100
	21PCO2SP01A	**Self Paced Learning:** Customer Relationship Management	-	2	50	50	50
	21PCO2SP01B	Internet and E-Commerce					
	21SMS2ES02	**DSE-2:** (Common Core) Human Resource Management	5	4	100	100	100
	21PSS2SE01	**SEC-1:** Soft Skills	4	3	100	-	100
	21PCO2EG01	**GE-1 (WS):**Supply Chain Management	4	3	100	100	100
		Extra Credit Courses (MOOC)-1	-	(2)			
		Total	**30**	**27 (2)**			
III	21PCO3CC07	Quantitative Techniques	7	6	100	100	100
	21PCO3CC08	Advanced Computerised Accounting	5	4	100	100	100
	21PCO3CP01	**Core Practicals-1:**Advanced Computerised Accounting	2	2	100	100	100
	21PCO3CC09	Behavioural Finance	7	5	100	100	100
	21PCO3ES03A	**DSE-3:** Goods and Services Tax	5	4	100	100	100
	21PCO3ES03B	**DSE-3**: Intelligence for Excellence					
	21PCO3EG02	**GE-2 (BS):** Basics of Taxation	4	3	100	100	100
	21PCO3IS01	Internship	-	2	100	-	100
		Extra Credit Courses (MOOC)-2		(2)			
		Total	**30**	**26(2)**			
IV	21PCO4CC10	Strategic Financial Management	7	6	100	100	100
	21PCO4CC11	Business Ethics and Corporate Social Responsibility	6	5	100	100	100
	21PCO4CC12	Business Analytics	4	4	100	100	100
	21PCO4CP02	**Core Practicals -2:**Business Analytics	2	2	100	100	100
	21PCO4ES04A	**DSE-4:** MSMEs and Entrepreneurship	5	4	100	100	100
	21PCO4ES04B	**DSE-4:** International Finance and Trade					
	21PCO4PW01	Project work & Viva Voce	6	5	100	100	100
	21PCO4CE01	Comprehensive Exam	-	2	50	50	50
		Extra Credit Courses (MOOC)-3	-	(2)			
		Total	**30**	**28 (2)**			
IV	21PCW4OR01	Outreach Programme (SHEPHERD)		4			
Total (Four Semesters)			**120**	**110(6)**			

COURSE PATTERN						
Sem	**Part**		**Course Code**	**Course Title**	**Hrs**	**Cr**
I	I	Language	17UGT110001	General Tamil – 1/Hindi-1 / French-1/ Sanskrit-1	4	3
	II	English	17UGE120101	General English-1	5	3
	III	Core: 1	20UCR130201	Financial Accounting**	6	4
		Core: 2	20UCR130202	Corporate and Business Law-I**	4	3
		Core: 3	20UCR130203	Organisation Management**	4	3
		Allied: 1	20UCR130401	Business Mathematics	5	4
	IV	NMC	17UCE140801	Communicative English	-	5
		Value Education	17UFC141001	Essentials of Ethics, Yoga & Stress Management	2	2
	Total for Semester I				**30**	**27**
II	I	Language	17UGT210002/	General Tamil – 2 / Hindi-2 / French-2/ Sanskrit-2	4	3
	II	English	17UGE220102	General English-2	5	3
	III	Core: 4	20UCR230204	Accounting Packages	5	4
		Core: 5	20UCR230205	Corporate and Business Law-II**	4	3
		Core: 6	20UCR230206	Business Economics	5	3
		Allied: 2	20UCR230402	Business Statistics	5	5
	IV	Value Education	17UFC241002	Fundamentals of Human Rights	2	2
	Total for Semester II				**30**	**23**
III	I	Language	17UGT310003	General Tamil – 3 / Hindi-3 / French-3/Sanskrit-3	4	3
	II	English	17UGE320103	General English-3	5	3
	III	Core: 7	20UCR330207	Financial Reporting – I**	5	3
		Core: 8	20UCR330208	Basics of Cost Accounting**	5	3
		Core: 9	20UCR330209	Business Analytics	3	2
		Core-10	20UCR330210	Summer Internship	-	2
		Allied:3	20UCR330403	Marketing	4	4
	IV	Value Education	17UFC341003A	Professional Ethics-1: Social Ethics **(OR)**	2	2
			17UFC341003B	Professional Ethics-1: Religious Doctrine		
		NMC	17UCE340901	Environment Studies	2	2
	Total for Semester III				**30**	**24**
	I	Language	17UGT410004	General Tamil – 4 / Hindi-4 / French-4/ Sanskrit-4	4	3
	II	English	17UGE420104	General English-4	5	3
	III	Core: 11	20UCR430211	Financial Reporting – II**	4	3
		Core: 12	20UCR430212	Financial Management-I**	4	3
		Core: 13	20UCR430213	Fundamentals of Marketing Analytics	3	2

IV		Core Elective(WD)	20UCR430301A 20UCR430301B	**CE-I** Modern Banking Theory (OR) Research Methodology	4	4
		Allied: 4	20UCR430404	Business Management	4	4
	IV	Value Education	17UFC441004A	Professional Ethics-2: Social Ethics (OR)	2	2
			17UFC441004B	Professional Ethics-2: Religious Doctrine		
	Total for Semester IV				**30**	**24**
V	III	Core-14	20UCR530214	Financial Management-II**	4	3
		Core-15	20UCR530215	Audit and Assurance**	4	3
		Core-16	20UCR530216	Direct Taxation**	4	3
		Core-17	20UCR530217	Human ResourceManagement	4	2
		Core-18	20UCR530218	Governance, Risks & Ethics	3	2
		Core-19	20UCR530219	Fundamentals of Financial Analytics	3	2
		Core-20	20UCR530220	Project Work		2
		Core Elective -II (WD)	20UCR530302A 20UCR530302B	**CE – II** Security Analysis (OR) Entrepreneurship in Practice	4	4
		SBE -1	20UCR540601A	Analytics through Spreadsheet	2	2
	IV	NMC	17USS540701	Soft Skills / NCC	2	2
	Total for Semester V				**30**	**25**
VI	III	Core-21	20UCR630221	Management Accounting**	6	4
		Core-22	20UCR630222	Financial Services	5	3
		Core-23	20UCR630223	Performance Management**	5	3
		Core-24	20UCR630224	Goods and Services Tax**	5	4
		Core-25	20UCR630225	Fundamentals of HRAnalytics	3	2
		Core Elective -III (WD)	20UCR630303A 20UCR630303B	**CE – III** Economics for Finance (OR) Strategic Management	4	4
		SBE -2	20UCR640602A	Managerial Communicative English	2	2
	Total for Semester VI				**30**	**22**
I -V	V	Shepherd	17UCW651101	Community Work (SHEPHERD) and Gender Studies		5
	Total for all Semesters				**180**	**150**
****ACCA Subjects**						

B.Com Honours								
Programme Pattern								
Course Details						**Scheme of Exams**		
Sem	**Part**	**Course Code**	**Course Title**	**Hrs**	**Cr**	**CIA**	**SE**	**Final**
I	1	21UTA11GL01	பொதுத்தமிழ் - I	4	3	100	100	100
		21UFR11GL01	General French-I					
		21UHI11GL01	General Hindi-1					
		21USA11GL01	General Sanskrit-I					
	2	21UEN12GE01	General English -I	5	3	100	100	100
	3	21UCR13CC01	Financial Accounting**	6	4	100	100	100
		21UCR13CC02	Corporate and Business Law-I**	4	3	100	100	100
		21UCR13CC03	Organisation Management**	4	3	100	100	100
		21UCR13AC01	**Allied 1**-Business Mathematics	5	4	100	100	100
	4	21UEN14AE01	**AECC-1** - Communicative English	(6)	4	100	-	100
		21UHE14VE01	Essentials of Humanity	2	1	50	50	50
Total				**30**	**25**			
II	1	21UTA21GL02	பொதுத்தமிழ்– II	4	3	100	100	100
		21UFR21GL02	General French – II					
		21UHI21GL02	General Hindi – II					
		21USA21GL02	General Sanskrit – II					
	2	21UEN22GE02	General English -II	5	3	100	100	100
	3	21UCR23CC04	Tally Prime	3	3	100	100	100
		21UCR23CC05	Corporate and Business Law-II**	4	3	100	100	100
		21UCR23CC06	Business Economics	5	4	100	100	100
		21UCR23AC02	**Allied 2**-Business Statistics	5	4	100	100	100
	4	21UHE24AE02	**AECC 2 :** Environmental Studies	2	2	50	50	50
		21UHE24VE02	Techniques of Social Analysis: Fundamentals of Human Rights	2	1	50	50	50
Total				**30**	**23**			
III	1	21UTA31GL03	பொதுத்தமிழ்– III	4	3	100	100	100
		21UFR31GL03	General French – III					
		21UHI31GL03	General Hindi – III					
		21USA31GL03	General Sanskrit – III					
	2	21UEN32GE03	General English -III	5	3	100	100	100
	3	21UCR33CC07	Financial Reporting – I**	5	4	100	100	100
		21UCR33CC08	Basics of Cost Accounting**	5	4	100	100	100
		21UCR33CC09	Business Analytics	5	4	100	100	100
		21UCR33IS01	Summer Internship	-	2	100	-	100
		21UCR33AC03	**Allied 3**-Marketing	4	4	100	100	100
	4	21UHE34VE03A	Professional Ethics – I: Social Ethics -I	2	1	50	50	50
		21UHE34VE03B	Professional Ethics – I: Religious Doctrine-I					
Total				**30**	**25**			

IV	1	21UTA41GL4C	வணிகத் தமிழ்(SMS)	4	3	100	100	100
		21UFR41GL04	General French – IV					
		21UHI41GL04	General Hindi – IV					
		21USA41GL04	General Sanskrit – IV					
	2	21UEN42GE04	General English - IV	5	3	100	100	100
	3	21UCR43CC10	Financial Reporting – II**	4	3	100	100	100
		21UCR43CC11	Financial Management-I**	4	4	100	100	100
		21UCR43CC12	Fundamentals of Marketing Analytics	3	2	100	100	100
		21UCR43ES01A	**DSE – 1:**Modern Banking Theory	4	3	100	100	100
		21UCR43ES01B	**DSE – 1:**Research Methodology					
		21UCR43AC04	**Allied 4:** Business Management	4	4	100	100	100
	4	21UHE44VE04A	Professional Ethics – II: Social Ethics -II	2	1	50	50	50
		21UHE44VE04B	Professional Ethics – II: Religious Doctrine–II					
			Total	**30**	**23**			
V	3	21UCR53CC13	Financial Management-II**	5	4	100	100	100
		21UCR53CC14	Audit and Assurance**	4	4	100	100	100
		21UCR53CC15	Direct Taxation**	5	4	100	100	100
		21UCR53CC16	Human Resource Management	4	3	100	100	100
		21UCR53CC17	Governance, Risks & Ethics	3	2	100	100	100
		21UCR53CC18	Fundamentals of Financial Analytics	3	2	100	100	100
		21UCR53PW01	Project Report	-	2	100	100	100
		21UCR53ES02A	**DSE –2:**Security Analysis	4	3	100	100	100
		21UCR53ES02B	**DSE –2:** Entrepreneurship in Practice					
		21USS54SE03	**SEC -1:**SoftSkills	2	1	100	-	100
			Total	**30**	**25**			
VI	3	21UCR63CC19	Management Accounting**	6	5	100	100	100
		21UCR63CC20	Financial Services	5	4	100	100	100
		21UCR63CC21	Performance Management**	5	4	100	100	100
		21UCR63CC22	Goods and Services Tax**	5	4	100	100	100
		21UCR63CC23	Fundamentals of HR Analytics	3	2	100	100	100
		21UCR63ES03A	**DSE – 3:**Economics for Finance	4	3	100	100	100
		21UCR63ES03B	**DSE – 3:**Strategic Management					
		21UCR64SE02	**SEC- 2: (WD)** Managerial Communicative English	2	1	100	-	100
			Total	**30**	**23**			
I –V	5	21UCW65OR01	Outreach Programme(SHEPHERD)		4			
			Total *(for three years)*	**180**	**148**			
****ACCA Subjects**								

BOARD OF STUDIES MEETING - HELD ON 06-06-2022 DEPARTMENT OF COMMERCE & B.COM. HONOURS. St. JOSEPH'S COLLEGE (AUTONOMOUS) TIRUCHIRAPPALLI -620002		
S. No.	**Name and address**	**Signature**
1.	**Dr.V.Pugazhenthi,** Associate Professor, Department of Commerce, Rajah Serfoji Government College (Autonomous), Thanjavur **(University Representative)**	
2.	**Dr. D. Raja Jebasingh** Associate Professor & Vice Principal (S-II), St. Joseph's College of Commerce (Autonomous),163, Brigade Road, Bengaluru – 560 025, Karnataka. E-mail: rajajebasingh@sjcc.edu.in Mobile: 9886987978 **(Subject Expert)**	
3.	**Mr. Sharanath Balaji,** Managing Director, BG Naidu Sweets, Trichy. E-mail: bsharanath@gmail.com Mobile: 9600686868	
4.	**Dr. F.R. Alexander Pravin Durai,** Head, Department of Commerce, St. Joseph's College (Autonomous), Tiruchirappalli	
5.	Dr. K. Alex	
6.	Dr. G. John	
7.	Mr. D. Maria Antony	
8.	Dr. V. Bastin Jerome	
9.	Dr. M. Antony Jesuraja	
10.	Dr. A. Francis Vijayakumar	
11.	Rev.Fr. M. Berchmans, SJ	
12.	Dr. M. Julias Ceasar	
13.	Dr. Arockia Rajasekar	
14.	Dr. S. Aruldass	
15.	Dr. A. Sahayaraj Alexander	

16.	Dr. L. Georgia	
17.	Mr. S. Kirubakaran	
18.	Dr. B. Augustine Arockiaraj	
19.	Dr. Dennis Edward Fernando	
20.	Dr. P. Bastin Arockia Raj	
21.	Dr. S. Jerome	
22.	Dr. J. Vinoth Kumar	
23.	Mr. J. Camilton	
24.	Ms. A. MARY MAGDALENE	

G. JOHN, Ph.D.,
DEAN-School of Management Studies
St. Joseph's College (Autonomous)
Tiruchirappalli-620 002.

DEPARTMENT OF COMMERCE COMPUTER APPLICATION

MINUTES OF THE BOARD OF STUDIES IN COMMERCE COMPUTER APPLICATION HELD ON 06.06.2022

The Board of studies meeting started at 12.00 Pm on 6.6.2022 in the department. Dr.J.Rajees the Head of the department welcomed the External members and introduced the to the staff. The discussion was initiated by Dr.J.Rajees.Dr.John Prabakaran displayed the syllabus on the screen . The faculty members also participated in the discussion and the following points were discussed and corrections noted.

Programme	Semester	Page	Course code	Remarks
B.COM CA	II	5	21UCC23CC03	Business **A**ccounting- in the title **A** should be in caption.
B.COM CA	II	5	21UCC23CC04	Subject title is to be in small – as **Web Graphics**
B.COM CA	II	5	21UCC23CP02	Subject title is to be in small – as **Web Graphics**
B.COM CA	III	5	21UCC33AO03A	The code is wrongly spelt it should be corrected as **21UCC33AO03A**
B.COM CA	IV	6	21UCC44SE02	The title is to be corrected as **Practical Banking in India**
B.COM CA	V	6	21UCC53CC10	The title is to be corrected as **Data Analysis using R**
B.COM CA	V	6	21UCC53FV01	The title is to be corrected as **Field Study/ Industrial Visit/Case Study**
B.COM CA	V	6	2UCC54EG01	The title is to be corrected as **E- Commerce and E-Business Management**
B.COM CA	VI	6	21UCC63CC12	Title is to be typed as **Financial Accounting Package -TallyPrime**
B.COM CA	VI	6	21UCC63CP06	Title is to be typed as **Financial Accounting Package -TallyPrime**
B.COM CA	VI	6	21UCC63ES03A	Title of the course should be **Investment Management and Stock Trading**
B.COM CA	VI	6	21UCC63PW01	Title of the course should be as **Project Work and Viva - voce**
B.COM CA	VI	6	21UCC63CE01	Title of the course should be as **Comprehensive Examination**
B.COM CA	VI	6	21UCC64SE04	Title of the course should be in small **as E-Banking**
M.COM CA	I	5	21PCC1CC03	Title of the course should be **Database System**
M.COM CA	II	5	21PCC2ES02B	Title of the course should be as**Customer Rights and Education**
M.COM CA	IV	5	21PCC4CC11	The title of the course is to be typed as **Financial Accounting Package - TallyPrim**e

M.COM CA	IV	5	21PCC4CPO5	The title of the course is to be typed as **Financial Accounting Package - TallyPrime**

Suggestion given by Dr.Kanmani the University Representative

Programme	**Semester**	**Code**	**Title**	**suggestions**
B.COM CA	II	21UCC23CC03	BUSINESS ACCOUNTING	Hours could be increased to 7 as the syllabus is strong.
B.COM CA	-	-	-	GENDER STUDIES could be offered to III UG students
Both For UG and PG	-	-	-	The syllabus could be framed for 6 units .the 6th unit could be practical oriented and recent development in the concerned area of the course. This could not be included for question setting.

All the members of the staff were present. The meeting came an end at1.30pm.

B.COM COMPUTER APPLICATION								
PROGRAMME PATTERN								
Course Details						**Scheme of Exams**		
Sem	**Part**	**Course Code**	**Course Title**	**Hrs**	**Cr**	**CIA**	**SE**	**Final**
I	1	21UTA11GL01	General Tamil - I	4	3	100	100	100
		21UFR11GL01	French-I					
		21UHI11GL01	Hindi-I					
		21USA11GL01	Sanskrit-I					
	2	21UEN12GE01	General English -I	5	3	100	100	100
	3	21UCC13CC01	Financial Accounting	7	4	100	100	100
	3	21UCC13CC02	Computer Application for Business	4	2	100	100	100
	3	21UCC13CP01	Software Lab-1: Computer Application for Business	2	2	100	100	100
	3	21UCC13AC01	**Allied 1:** Business Environment	6	4	100	100	100
	4	21UHE14VE01	Essentials of Humanity	2	1	50	50	50
	4	21UEN14AE01	**AECC-1:** Communicative English	(6)	4	100	-	100
			Total	**30**	**23**			
II	1	21UTA21GL02	General Tamil - II	4	3	100	100	100
		21UFR21GL02	French-II					
		21UHI21GL02	Hindi-II					
		21USA21GL02	Sanskrit-II					
	2	21UEN22GE02	General English -II	5	3	100	100	100
	3	21UCC23CC03	Business accounting	*6*	*3*	100	100	100
	3	21UCC23CC04	WEB GRAPHICS	*3*	*2*	100	100	100
	3	21UCC23CP02	Software Lab 2:Web graphics	2	2	100	100	100
		21UCC23AC02	**Allied 2:** Modern Marketing	6	4	100	100	100
	4	21UHE24VE02	Techniques of Social Analysis: Fundamentals of Human Rights	2	1	50	50	50
	4	21UHE24AE02	**AECC-2 :** Environmental studies	2	2	50	50	50
			Extra Credit Courses (MOOC)-1	-	(2)			
			Total	**30**	**20(2)**			
III	1	21UTA31GL03	General Tamil - III	4	3	100	100	100
		21UFR31GL03	French-III					
		21UHI31GL03	Hindi-III					
		21USA31GL03	Sanskrit-III					
	2	21UEN32GE03	General English -III	5	3	100	100	100
	3	21UCC33CC05	Management Accounting	6	3	100	100	100
	3	21UCC33CC06	Fundamentals of C programming	3	2	100	100	100
	3	21UCC33CP03	Software Lab 3: Programming in C	2	2	100	100	100
	3	21UCC33AO03A	**Allied Optional** : Elements of Mathematics	6	4	100	100	100
		21UCC33AO03B	**Allied Optional** :Business Mathematics					
	4	21UCC34SE01	**SEC -1(WD):** Entrepreneurship Development	2	1	100	-	100
	4	21UHE34VE03A	Professional Ethics–I: Social Ethics - I	2	1	50	50	50
		21UHE34VE03B	Professional Ethics -I: Religious Doctrine-I					
			Extra Credit Courses (MOOC)-2		(2)			
			Total	**30**	**19(2)**			

IV	1	21UTA41GL04C	Commercial Tamil (SMS)	4	3	100	100	100
		21UFR41GL04	French- IV					
		21UHI41GL04	Hindi- IV					
		21USA41GL04	Sanskrit- IV					
	2	21UEN42GE04	General English - IV	5	3	100	100	100
	3	21UCC43CC07	Advanced Auditing	6	3	100	100	100
	3	21UCC43CC08	Database Management System	3	2	100	100	100
	3	21UCC43CP04	Software Lab 4: ORACLE SQL	2	2	100	100	100
	3	21UCC43AO04A	**Allied Optional** : Elements of Statistics	6	4	100	100	100
		21UCC43AO04B	**Allied Optional** : Business Statistics					
	4	21UCC44SE02	**SEC -2 (BS):** Practical banking in India	2	1	100	-	100
	4	21UHE44VE04A	Professional Ethics–II: Social Ethics - II	2	1	50	50	50
	4	21UHE44VE04B	Professional Ethics -II: Religious Doctrine-II					
			Total	**30**	**19**			
V	3	21UCC53CC09	Cost Accounting	**7**	4	100	100	100
	3	21UCC53CC10	Data analysis using R	5	2	100	100	100
	3	21UCC53CP05	Software lab 5: Data Analysis	2	2	100	100	100
		21UCC53ES01A	**DSE-1:**Business Law	5	3	100	100	100
		21UCC53ES01B	**DSE-1:** Customer Relationship Management					
		21UCC53ES02A	**DSE-2:** Management of Banking	5	3	100	100	100
		21UCC53ES02B	**DSE-2:** Business Management					
	3	21UCC53IS01	Summer Internship Project	-	2	100	-	100
	3	21UCC53SP01A	**Self-paced Learning:**Training and Development	-	2	50	50	50
		21UCC53SP01B	**Self-paced Learning**: Event Management					
		21UCC53SP01C	**Self-paced Learning**: Security in Information Technology					
	3	21UCC53FV01	Field study/ Industrial visit/ Case study	-	1	100	-	100
	4	21USS54SE03	**SEC -3 :** Soft Skills	2	1	100	-	100
	4	21UCC54EG01	**GE-1:** E-commerce and E Business Management	4	3	100	100	100
			Extra Credit Courses (MOOC)-3		(2)			
			Total	**30**	**23(2)**			
VI	3	21UCC63CC11	Income Tax Law and Practice	7	4	100	100	100
	3	21UCC63CC12	Financial Accounting Package – Tally Prime	3	2	100	100	100
	3	21UCC63CP06	Software Lab 6 Financial Accounting Package – Tally Prime	4	2	100	100	100
	3	21UCC63ES03A	**DSE -3:** Investment Management and stock trading	5	3	100	100	100
		21UCC63ES03B	**DSE- 3:** Indian Financial System					
	3	21UCC63ES04A	**DSE -4:** Advertising and Sales Promotion Management	5	3	100	100	100
		21UCC63ES04B	**DSE -4:** Sales Management					
	3	21UCC63PW01	Project Work and Viva Voce	-	2	100	100	100
	3	21UCC63CE01	Comprehensive Examinations	-	2	50	50	50
	4	21UCC64SE04	**SEC -4 : (WS)** E -BANKING	2	1	100	-	100
	4	21UCC64EG02	**GE-2 :**Total Quality Management	4	3	100	100	100
			Total	**30**	**22**			
I-VI	5	21UCW65OR01	Outreach Programme (SHEPHERD)		4			
			Total (three years)	**180**	**130(6)**			

M.COM. COMPUTER APPLICATION							
PROGRAMME PATTERN							
Course Details					**Scheme of Exams**		
Sem	**Course Code**	**Course Title**	**Hrs**	**Cr**	**CIA**	**SE**	**Final**
I	21PCC1CC01	Operations Research	7	6	100	100	100
	21PCC1CC02	Financial Management	7	6	100	100	100
	21PCC1CC03	Data base systems	4	3	100	100	100
	21PCC1CP01	Software Lab 1: RDBMS	3	2	100	100	100
	21PCC1ES01A	**DSE-1:**Entrepreneurship Development	5	4	100	100	100
	21PCC1ES01B	**DSE-1:** Corporate Social Responsibility					
	21PCC1AE01	**AEC:** Digital Marketing	4	3	50	50	50
		Total	**30**	**24**			
II	21PCC2CC04	Managerial Skills	5	4	100	100	100
	21PCC2CC05	Cost Accounting Techniques	5	5	100	100	100
	21PCC2CC06	Python Programming	4	3	100	100	100
	21PCC2CP02	Software Lab 2: Python programming	3	3	100	100	100
	21PCC2SP01A	**Self Paced Learning:** Disaster Management	-	2	50	50	50
	21PCC2SP01B	**Self Paced Learning:** Fundamentals of insurance					
	21PCC2SP01C	**Self Paced Learning:** Cloud Computing					
	21PCC2ES02A	**DSE-2**: Labour Legislations	5	4	100	100	100
	21PCC2ES02B	**DSE -2:** Customers' Rights and Education					
	21PSS2SE01	**SEC:** Soft Skills	4	3	100	-	100
	21PCC2EG01	**GE-1(WS):** Stress Management	4	3	100	100	100
		Extra Credit courses (MOOC)-1	-	(2)			
		Total	**30**	**27(2)**			
III	21PCC3CC07	Methodology for Social Science Research	5	5	100	100	100
	21PCC3CP03	Software Lab 3: Computer Application in Business Statistics	3	3	100	100	100
	21PCC3CC08	Organisational Behaviour	5	4	100	100	100
	21PCC3CC09	Big Data Analysis	5	4	100	100	100
	21PCC3CP04	Software Lab 4: Data Analytics using R	3	3	100	100	100
	21PCC3ES03A	**DSE-3:**Logistics and supply chain management	5	4	100	100	100
	21PCC3ES03B	**DSE-3:** Change Management					
	21PCC3EG02	**GE-2 (BS):**Dynamics of Human Behaviour In Business	4	3	100	100	100
		Extra Credit courses (MOOC)-2		(2)			
		Total	**30**	**26(2)**			
IV	21PCC4CC10	Business Taxation	7	6	100	100	100
	21PCC4ES04A	**DSE-4:**International Business	5	4	100	100	100
	21PCC4ES04B	**DSE-4:** Knowledge Management					
	21PCC4CC11	Financial Accounting Package – Tally Prime	3	3	100	100	100
	21PCC4CP05	Software Lab 5: Financial Accounting Package – Tally Prime	4	4	100	100	100
	21PCC4CC12	Software Engineering	5	5	100	100	100
	21PCC4PW01	Project work & Viva Voce	6	5	100	100	100
	21PCC4CE01	Comprehensive Examination	-	2	50	50	50
		Extra Credit courses (MOOC)-3	-	(2)			
		Total	**30**	**29(2)**			
I-IV	21PCW4OR01	Outreach programme (SHEPHERD)		4			
		Total (Four Semesters)	**120**	**110(6)**			

BOARD OF STUDIES MEETING - HELD ON 06-06-2022

DEPARTMENT OF COMMERCE COMP. APPL.

St. JOSEPH'S COLLEGE(AUTONOMOUS)

TIRUCHIRAPPALLI -620002

S. No.	Name and address	Signature
1.	**Dr.A. Kanmani Joan of Arch,** Assistant Professor, Department of Commerce, K.N. Government Arts College for Women (Autonomous) , Thanjavur – 613 007 **(University Representative)**	6/6/2022
2.	**Dr. A. Velangani Joseph** Professor & Head Dept. of Youth Welfare Studies Madurai Kamarajar University, Madurai. E-mail:dravjoseph@rediffmail.com Mobile: 8248067300 **(Subject Expert)**	ABSENT
3.	**Mr. Jenifer Arulraj** Chartered Accountant, 96/4, Bharathidasan Salai, Cantonment Trichy 620 001. E-mail: Jenif.ca@gmail.com Mobile: 9994251725	ABSENT
4.	Dr. J. Rajees	
5.	Dr. D. John Prabakaran	
6.	Dr. F.X. Virgin Fraga	
7.	Dr. N. Maheswari	
8.	Dr. J. Arputha Sahaya Raj	
9.	Dr. B. Fathimamary	
10.	Dr. R. Arul	6-6-22
11.	Ms. S. Punithavathi	

DEPARTMENT OF ECONOMICS

MINUTES OF THE BOARD OF STUDIES IN ECONOMICS HELD ON 06.06.2022

The Board of Studies Meeting was held on 6thJune 2022, Monday at 12 noon with the following agenda:

1. Any correction in the revised 2021 syllabi of UG/PG
2. Any other matter

The following are the nominated members of the Board of Studies in Economics:

1. Dr. N. Prasanna, Associate Professor, Department of Economics, Bharathidasan University, Tiruchirappalli - 620024. (University Representative)
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. Faculty members, Department of Economics, St. Joseph's College (Autonomous), Trichy

The Meeting started with a silent prayer and Dr. G. Iruthayaraj, Head of the Department, addressed the staff members regarding the main focus of this meeting.

The meeting started with the discussions on the modified course codes carried out in the Pre- Board of Studies meeting held on 26.05.2022. Certain corrections were made after detailed discussion among the staff members and the course codes were finalised.

The staff members discussed the modalities of UG and PG Project and viva and the following decisions were made:

- Classes to be handled during allotted project hours by the staff members concerned.
- Submission of project chapters as components on fixed due dates.

The meeting was attended only by the faculty members of the Department of Economics and the external members were not present.

The meeting came to an end at 1.30 pm

B.A. ECONOMICS								
PROGRAMME PATTERN								
Course Details						**Scheme of Exams**		
Sem	**Part**	**Course Code**	**Course Title**	**Hrs**	**Cr**	**CIA**	**SE**	**Final**
I	1	21UTA11GL01	General Tamil- I	4	3	100	100	100
		21UFR11GL01	French-I					
		21UHI11GL01	Hindi-I					
		21USA11GL01	Sanskrit-I					
	2	21UEN12GE01	General English -I	5	3	100	100	100
	3	21UEC13CC01	Microeconomics – I	7	4	100	100	100
	3	21UEC13CC02	Indian Economic Development – I	6	4	100	100	100
	3	21UEC13AC01	**Allied:** Mathematical Methods in Economics– I	6	4	100	100	100
	4	21UEN14AE01	**AECC-1:** Communicative English	(6)	4	100	-	100
	4	21UHE14VE01	Essentials of Humanity	2	1	50	50	50
			Total	**30**	**23**			
II	1	21UTA21GL02	General Tamil- II	4	3	100	100	100
		21UFR21GL02	French-II					
		21UHI21GL02	Hindi-II					
		21USA21GL02	Sanskrit-II					
	2	21UEN22GE02	General English -II	5	3	100	100	100
	3	21UEC23CC03	Microeconomics – II	6	4	100	100	100
	3	21UEC23CC04	Indian Economic Development – II	5	3	100	100	100
	3	21UEC23AC02	**Allied:** Mathematical Methods in Economics – II	6	4	100	100	100
	4	21UHE24AE02	**AECC-2:** Environmental studies	2	2	50	50	50
	4	21UHE24VE02	Techniques of Social Analysis: Fundamentals of Human Rights	2	1	50	50	50
			Extra Credit Courses (MOOC)-1	-	(2)			
			Total	**30**	**20(2)**			
III	1	21UTA31GL03	General Tamil -III	4	3	100	100	100
		21UFR31GL03	French-III					
		21UHI31GL03	Hindi-III					
		21USA31GL03	Sanskrit-III					
	2	21UEN32GE03	General English -III	5	3	100	100	100
	3	21UEC33CC05	Macroeconomics – I	6	4	100	100	100
	3	21UEC33CC06	Development Economics	5	3	100	100	100
	3	21UEC33AO03A	**Allied Optional :**Statistics for Economics-I	6	4	100	100	100
	3	21UEC33AO03B	**Allied Optional :**Data Analysis for Economics					
	3	21UEC34SE01	**SEC -1 (WD):** Economic Survey and Union Budget	2	1	100	-	100
	4	21UHE34VE03A	Professional Ethics–I: Social Ethics - I	2	1	50	50	50
		21UHE34VE03B	Professional Ethics -I: Religious Doctrine-I					
			Extra Credit Courses (MOOC)-2		(2)			
			Total	**30**	**19(2)**			

IV	1	21UTA41GL4C	Commercial Tamil *(*SMS)	4	3	100	100	100
		21UFR41GL04	French- IV					
		21UHI41GL04	Hindi- IV					
		21USA41GL04	Sanskrit- IV					
	2	21UEN42GE04	General English - IV	5	3	100	100	100
	3	21UEC43CC07	Macroeconomics – II	6	4	100	100	100
	3	21UEC43CC08	Labour Economics	5	3	100	100	100
	3	21UEC43AO04A	**Allied Optional**:Statistics for Economics – II	6	4	100	100	100
		21UEC43AO04B	**Allied Optional**:Entrepreneurial Development					
	4	21UEC44SE02	**SEC -2 (BS)**: Financial Economics	2	1	100	-	100
	4	21UHE44VE04A	Professional Ethics–II: Social Ethics - II	2	1	50	50	50
		21UHE44VE04B	Professional Ethics -II: Religious Doctrine-II					
			Total	**30**	**19**			
V	3	21UEC53CC09	Basic Econometrics	7	4	100	100	100
	3	21UEC53CC10	Money and Banking	7	4	100	100	100
	3	21UEC53ES01A	**DSE-1** :Research Methods in Economics	5	3	100	100	100
		21UEC53ES01B	**DSE-1** :Economics of Health and Education					
	3	21UEC53ES02A	**DSE-2 :**Economics of Infrastructure	5	3	100	100	100
	3	21UEC53ES02B	**DSE-2 :**Environmental Economics					
	3	21UEC53IS01	Internship	-	2	100	100	100
	3	21UEC53SP01	**Self-paced Learning**: Principles of Political Economy	-	2	50	50	50
	3	21UEC53FV01	Field study/ Industrial visit/ Case study	-	1	100	-	100
	4	21USS54SE03	**SEC -3**: Soft Skills	2	1	100	-	100
	4	21UEC54EG01	**GE-1:** Principles of Economics	4	3	100	100	100
			Extra Credit Courses (MOOC)-3	---	(2)			
			Total	**30**	**23(2)**			
VI	3	21UEC63CC11	History of Economic Thought	7	4	100	100	100
	3	21UEC63CC12	Public Finance	7	4	100	100	100
	3	21UEC63ES03A	**DSE-3**:International Economics	5	3	100	100	100
		21UEC63ES03B	**DSE-3**: Money and Financial Markets					
	3	21UEC63ES04A	**DSE-4**: Tamil Nadu Economy	5	3	100	100	100
		21UEC63ES04B	**DSE-4**:Economics of Gender Development					
	3	21UEC63PW01	Project Work and Viva Voce	-	2	100	100	100
	3	21UEC63CE01	Comprehensive Examination	-	2	50	50	50
	4	21UEC64SE04	**SEC-4 (WS):**Contemporary Issues in Economics	2	1	100	-	100
	4	21UEC64EG02	**GE-2 :** Economics for Competitive Exams	4	3	100	100	100
			Total	**30**	**22**			
I-VI	5	21UCW65OR01	Outreach Programme (SHEPHERD)		4			
			Total(three years)	**180**	**130(6)**			

M.A. ECONOMICS							
PROGRAMME PATTERN							
Course Details					**Scheme of Exams**		
Sem	**Course Code**	**Course Title**	**Hrs**	**Cr**	**CIA**	**SE**	**Final**
I	21PEC1CC01	Advanced Microeconomics – I	5	5	100	100	100
	21PEC1CC02	Analysis of Indian Economy	5	4	100	100	100
	21PEC1CC03	Public Economics	5	4	100	100	100
	21PEC1CC04	Statistical Tools for Economics	6	5	100	100	100
	21PEC1ES01A	**DSE-1**: New Frontiers in Economics	5	4	100	100	100
	21PEC1ES01B	**DSE-1:**Economics of Rural Development					
	21PEC1AE01	**AEC:** Computer Application in Economics	4	3	50	50	50
		Total	**30**	**25**			
II	21PEC2CC05	Advanced Microeconomics-II	6	5	100	100	100
	21PEC2CC06	Mathematical Tools for Economics	6	5	100	100	100
	21PEC2CC07	Macroeconomic Process	5	5	100	100	100
	21PEC2SP01	**Self Paced Learning:** Economics of Tourism	-	2	50	50	50
	21SMS2ES02	**DSE-2:**Common Core: Human Resource Management	5	4	100	100	100
	21PSS2SE01	**SEC:** Soft Skills	4	3	100	-	100
	21PEC2EG01	**GE-1(WS):**Labour Economics	4	3	100	100	100
		Extra Credit Courses (MOOC)-1	-	(2)			
		Total	**30**	**27(2)**			
III	21PEC3CC08	Economics of Growth and Development	7	6	100	100	100
	21PEC3CC09	Monetary Economics	7	6	100	100	100
	21PEC3CC10	Econometrics	*7*	*6*	100	100	100
	21PEC3ES03A	**DSE-3:** Agricultural Economics	5	4	100	100	100
	21PEC3ES03B	**DSE-3:**Behavioural Economics					
	21PEC3EG02	**GE-2(BS):** Managerial Economics	4	3	100	100	100
		Extra Credit Courses MOOC)-2		(2)			
		Total	**30**	**25(2)**			
IV	21PEC4CC11	International Economics	7	6	100	100	100
	21PEC4CC12	Research Methodology	6	6	100	100	100
	21PEC4CC13	Industrial Economics	6	6	100	100	100
	21PEC4ES04A	**DSE-4:**Optimization Techniques in Economics	5	4	100	100	100
	21PEC4ES04B	**DSE-4**:Information Economics					
	21PEC4PW01	Project Work and Viva Voce	6	5	100	100	100
	21PEC4CE01	Comprehensive Examination	-	2	50	50	50
		Extra Credit Courses (MOOC)-3	-	(2)			
		Total	**30**	**29(2)**			
I-IV	21PCW4OR01	Outreach Programme(SHEPHERD)		4			
		Total (Four Semesters)	**120**	**110 (6)**			

BOARD OF STUDIES MEETING - HELD ON 06-06-2022 DEPARTMENT OF ECONOMICS St. JOSEPH'S COLLEGE(AUTONOMOUS) TIRUCHIRAPPALLI -620002		
S. No.	**Name and address**	**Signature**
1.	Dr. N. Prasanna Associate Professor Department of Economics Bharathidasan University, Tiruchirappalli – 620 024. **(University Representative)**	AAA
2.	Dr. S. Thennathayalan Associate Professor & Head Dept. of Economics The Madura College (Autonomous), Madurai – 625 011. E-mail: theenarasee@gmail.com Mobile: 9443725362 **(Subject Expert)**	AAA
3.	Mr. Niranchan Proprietor, Gramiyam Super Market, Foods & Silks, Venkatachalapuram, Thuraiyur, Trichy – 621 011. E-mail: p.niranchan@gmail.com Mobile: 9962289000	AAA
4.	Dr. G. Iruthayaraj	
5.	Dr. M. Suvakkin	
6.	Dr. A. Justin Thiraviam	
7.	Dr. K.A. Michael	
8.	Dr. S.P. Robert	
9.	Dr. J. Vasantha Arockiaselvi	
10.	Ms. P. Prarthna	
11.	Dr. R. Ganesasubramanian	
12.	Dr. P. Jayakumar	
13.	Ms. J. Jayashree Naiken	

G. JOHN, Ph.D.
DEAN-School of Management Studies
St. Joseph's College (Autonomous)
Tiruchirappalli-620 002.

DEPARTMENT OF HUMAN RESOURCE MANAGEMENT

MINUTES OF THE BOARD OF STUDIES IN HUMAN RESOURCE MANAGEMENT HELD ON 06.06.2022

The Board of Studies Meeting for discussing and approving the minor corrections in the revised 2021 PG syllabus of HRM was held on 6th June 2022 at12.00 Noon in the Department of Human Resource Management .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, the external member of the Board as well as the internal board members. The members of the Board of Studies comprises of the following;

External Members invited 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, Pudukkotai Main Road, Tiruchy- 620 007 (Industrial expert)

Out of which Dr. S.Anbazhagan, Professor & Head, Department of Life Long Learning, Bharathidasan University, Tiruchirappalli-23 (University Representative) participated in the board of studies.

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

Agenda for the Board of Studies Meeting

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

- Any minor corrections in the revised 2021 PG syllabus
- Any other matters

Only few corrections were highlighted in the discussion, such as in the paper – Management concepts and functions (21PHR1CC02)- the term ‘nature’ and ‘principle’ sounds the same meaning so ‘nature’ can be removed from Unit –I.In Managerial Economics (21PHR1ES01A)- the concept of crypto currency can be included in the unit –V. In Labour Legislation I (21PHR2CC04)&Labour Legislation II (21PHR3CC10), the way to explain and describe the four labourcodes were also discussed by the members. In the paper Human

Resource Management (21SMS2ES02)- the concept of IHRM was taken for discussion , either to include or not in unit I but Dr. J Michael Raj expressed that it is there in the sub title 'Future of HRM' of the same unit I .

Similarly in Research Methodology (21PHR3CC09), Dr. S.Anbazhagan expressed to use the term statistical application software instead of statistical application in unit –IV.In Total Quality Management (21PHR2CC06), Maharathna and Navarathna awards can be included in unit V.

Meanwhile members of the Board had a discussion to include Marketing Management as well as Artificial intelligence once major syllabus revision takes place in the future.Finally for the new value added course and certificate course; Dr. S.Anbazhagan expressed to have courses as per the demands of HR field. He also appreciated our syllabus by saying that everything in the revised syllabus is as per the current requirement so there is no need to make alteration and changes.

Besides, Members of the board approved the revised program pattern of the MA Human Resource Management course

Later Dr. J Wilfred Angello Gerald, Head of the Department thanked all members presented in the board of studies and the meeting came to an end by12.45 PM

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

SEM	**Course Code & Course title**	**Changes**	
		To Remove	**To Add**
I	Management Concepts and Functions- 21PHR1CC02	'Nature'- in unit I	
I	Managerial Economics- 21PHR1ES01A		'Crypto currency' – in unit V
II	Total Quality Management- 21PHR2CC06		Maharathna and Navarathna awards - in unit V.
III	Research Methodology- 21PHR3CC09		Statistical application software instead of statistical application - in unit- IV

M.A. HUMAN RESOURCE MANAGEMENT							
PROGRAMME PATTERN							
Course Details					Scheme of Exams		
Sem	**Course Code**	**Course title**	**Hrs**	**Cr**	**CIA**	**SE**	**Final**
I	21PHR1CC01	Dynamics of Human Resource Management	7	6	100	100	100
	21PHR1CC02	Management Concepts & Functions	7	6	100	100	100
	21PHR1CC03	Organizational Behaviour	7	6	100	100	100
	21PHR1ES01A	**DSE – 1:**Managerial Economics	5	4	100	100	100
	21PHR1ES01B	**DSE – 1**:Human Resource information System					
	21PHR1AE01	**AEC :**Knowledge Management	4	3	50	50	50
		Total	**30**	**25**			
II	21PHR2CC04	Labour Legislation-I	6	6	100	100	100
	21PHR2CC05	Industrial Relation Management	5	4	100	100	100
	21PHR2CC06	Total Quality Management	5	4	100	100	100
	21PHR2CC07	Field Exposure I	1	1	100	100	100
	21PHR2SP01	**Self-Paced Learning :** Talent Management	-	2	50	50	50
	21SMS2ES02	**DSE –2:** Common Core: Human Resource Management	5	4	100	100	100
	21PSS2SE01	**SEC :** Soft skills	4	3	100	-	100
	21PHR2EG01	**GE-1 :** (WS) Organizational Behaviour	4	3	100	100	100
		Extra Credit Courses (MOOC)-1	-	(2)			
		Total	**30**	**27(2)**			
III	21PHR3CC08	Organizational Development	7	6	100	100	100
	21PHR3CC09	Research Methodology	7	5	100	100	100
	21PHR3CC10	Labour Legislation-II	7	5	100	100	100
	21PHR3IS01	Internship Training (Summer Placement)	-	2	100	100	100
	21PHR3ES03A	**DSE –3:**Compensation Management	5	4	100	100	100
	21PHR3ES03B	**DSE –3:** Managing Interpersonal Effectiveness					
	21PHR3EG02	**GE-2:** (BS) Counselling and Guidance	4	3	100	100	100
		Extra Credit Courses (MOOC)-2		(2)			
		Total	**30**	**25(2)**			
IV	21PHR4CC11	Managerial Counselling	6	6	100	100	100
	21PHR4CC12	Performance Management	6	6	100	100	100
	21PHR4CC13	Corporate Social Responsibility	6	5	100	100	100
	21PHR4CC14	Field Exposure II	1	1	100	100	100
	21PHR4ES04A	**DSE –4:** Entrepreneurship Development	5	4	100	100	100
	21PHR4ES04B	**DSE –4:** Human Resource Development and Planning					
	21PHR4PW01	Project work& Viva Voce	6	5	100	100	100
	21PHR4CE01	Comprehensive Examination	-	2	50	50	50
		Extra Credit Courses (MOOC)-3	-	(2)			
		Total	**30**	**29(2)**			
I-IV	21PCW4OR01	Outreach Programme (SHEPHERD)		4			
		Total (Four Semesters)	**120**	**110(6)**			

BOARD OF STUDIES MEETING - HELD ON 06-06-2022		
DEPARTMENT OF HUMAN RESOURCE MANAGEMENT St. JOSEPH'S COLLEGE(AUTONOMOUS) TIRUCHIRAPPALLI -620002		
S.No.	**Name and Address**	**Signature**
1.	Dr S. Anbazhagan, Professor, Department of Lifelong Learning, Khajamalai Campus, Bharathidasan University, Tiruchirappalli – 620 023 **(University Representative)**	
2.	Dr. K. Selvavinayagam, Principal, Govt. Arts & Science College, Pennagaram, Dharmapuri District. E-mail: selvarinayagam2010@gmail.com Mobile: 9442821455 **(Subject Expert)**	ABSENT
3.	Mr. S. Ramesh Kumar Manager – HR, EGSTON Electronics (India) Pvt. Ltd.No.37/1 & 37/2, Pudukkottai Main Road Trichy – 7. E-mail: subramanian.rameshkumar@egston.com Mobile: 8012544857	ABSENT
4.	Dr. J. Wilfred Angello Gerald Assistant Professor & Head, Dept. of HRM,SJC,Try-2	
5.	Rev. Dr. K. Arockiam SJ Assistant Professor, Dept. of HRM,SJC,Try-2	
6.	Dr. J. Michael Raj Assistant Professor, Dept. of HRM,SJC,Try-2	
7.	Mr. G. Louis Victor Assistant Professor, Dept. of HRM,SJC,Try-2	
8.	Dr. Y. Vijila Assistant Professor, Dept. of HRM,SJC,Try-2	

G. JOHN, Ph.D.,
DEAN-School of Management Studies
St. Joseph's College (Autonomous)
Tiruchirappalli-620 002.

SCHOOL OF PHYSICAL SCIENCES

DEPARTMENT OF CHEMISTRY

MINUTES OF THE BOARD OF STUDIES IN CHEMISTRY HELD ON 06.06.2022

The meeting started with silent prayer. The Head of the Department Dr. S. Joseph Selvaraj, welcomed the staff members.

Dr. A. N. Paul Angelo, Dean, School of Physical Sciences noted that the revised syllabus contains some corrected subject codes, a softcopy of the same is uploaded in the college website.

Dr. A. Rose Venis, Dean, IQAC pointed out the incoherence in the flow of contents in the syllabus of organic chemistryin General Chemistry II should be corrected in the forthcoming revision.

B.Sc. CHEMISTRY								
PROGRAMME PATTERN								
Course Details						**Scheme of Exams**		
Sem	**Part**	**Code**	**Course Title**	**Hrs**	**Cr**	**CIA**	**SE**	**Final**
I	1	21UTA11GL01	General Tamil - I	4	3	100	100	100
		21UFR11GL01	French-I					
		21UHI11GL01	Hindi-I					
		21USA11GL01	Sanskrit-I					
	2	21UEN12GE01	General English -I	5	3	100	100	100
	3	21UCH13CC01	General Chemistry – I	4	4	100	100	100
	3	21UCH13CC02	Organic Chemistry – I	3	2	100	100	100
	3	@	Chemistry Practical–I	3	*			
	3	@	Chemistry Practical–II	3	*			
	3	21UCH13AC01	**Allied:** Mathematics for Chemisty -I	6	4	100	100	100
	4	2UEN14AE01	**AECC–1:** Communicative English	(6)	4	100	-	100
	4	2UHE14VE01	Essentials of Humanity	2	1	50	50	50
			Total	**30**	**21**			
II	1	21UTA21GL02	General Tamil - II	4	3	100	100	100
		21UFR21GL02	French-II					
		21UHI21GL02	Hindi-II					
		21USA21GL02	Sanskrit-II					
	2	21UEN22GE02	General English -II	5	3	100	100	100
	3	21UCH23CC03	General Chemistry – II	5	5	100	100	100
	3	21UCH23CP01	Chemistry Practical–I	3	2	100	100	100
	3	21UCH23CP02	Chemistry Practical–II	3	2	100	100	100
	3	21UCH23AC02	**Allied:** Mathematics for Chemisty-II	6	4	100	100	100
	4	2UHE24AE02	**AECC–2:** Environmental studies	2	2	50	50	50
	4	2UHE24VE02	Techniques of Social Analysis: Fundamentals of Human Rights	2	1	50	50	50
			Extra Credit Courses (MOOC)–1	-	(2)			
			Total	**30**	**22(2)**			
III	1	21UTA31GL03	General Tamil - III	4	3	100	100	100
		21UFR31GL03	French- III					
		21UHI31GL03	Hindi- III					
		21USA31GL03	Sanskrit- III					
	2	21UEN32GE03	General English - III	5	3	100	100	100
	3	21UCH33CC04	General Chemistry – III	4	3	100	100	100
	3	21UCH33CC05	Organic Chemistry – II	4	3	100	100	100
	3	@	CORE – @: Chemistry Practical–III	3	*			
	3	21UCH33AO03A	**Allied Optional**:Physics-I	4	3	100	100	100
		21UCH33AO03B	**Allied Optional**: Principles of Electronics-I					
		@	Physics Practical	2				
		@	Electronics Practical					
	4	21UCH34SE01A	**SEC –1 (WD):**Chemical Instrumentation – I	2	1	100	-	100
		21UCH34SE01B	**SEC –1(WD):**Chemical Instrumentation – II					
	4	21UHE34VE03A	Professional Ethics–I: Social Ethics - I	2	1	50	50	50
		21UHE34VE03B	Professional Ethics -I: Religious Doctrine-I					
			Extra Credit Courses (MOOC)–2		(2)			
			Total	**30**	**17(2)**			

IV	1	21UTA41GL04B	Scientific Tamil (SBS, SPS,SCS)	4	3	100	100	100
		21UFR41GL04	French- IV					
		21UHI41GL04	Hindi- IV					
		21USA41GL04	Sanskrit- IV					
	2	21UEN42GE04	General English - IV	5	3	100	100	100
	3	21UCH43CC06	General Chemistry – IV	4	3	100	100	100
	3	21UCH43CC07	General Chemistry – V	4	3	100	100	100
	3	21UCH43CP03	Chemistry Practical – III	3	2	100	100	100
	3	21UCH43AO04A	**Allied Optional:** Physics-II	4	3	100	100	100
	3	21UCH43AO04B	**Allied Optional:** Principles of Electronics-2					
	3	21UCH43AP01A	**Allied Optional:** Physics Practical	2	2	100	100	100
	3	21UCH43AP01B	**Allied Optional:**Electronics Practical					
	4	21UCH44SE02A	**SEC –2 (BS):**Health Chemistry	2	1	100	-	100
		21UCH44SE02B	**SEC –2 (BS)**: Industrial Chemistry					
	4	21UHE44VE04A	Professional Ethics–II:Social Ethics - II	2	1	50	50	50
		21UHE44VE04B	Professional Ethics -II: Religious Doctrine-II					
			Total	**30**	**21**			
V	3	21UCH53CC08	Inorganic Chemistry – I	6	5	100	100	100
	3	@	Chemistry Practical–IV	4	*			
	3	@	Chemistry Practical–V	4	*			
	3	21UCH53ES01A	**DSE1:**Organic Spectroscopy	5	3	100	100	100
		21UCH53ES01B	**DSE1:**Organic Synthesis and Characterization					
	3	21UCH53ES02A	**DSE–2:**Physical Chemistry- I	5	3	100	100	100
		21UCH53ES02B	**DSE–2:**Physical Chemistry -II					
	3	21UCH53IS01	Internship	–	2	100		100
	3	21UCH53SP01	**Self–paced Learning:** Essentials of Chemistry	–	2	50	50	50
	3	21UCH53FV01	Field study/ Industrial visit/ Case study	–	1	100		100
	4	21USS54SE03	**SEC –3 :** Soft Skills	2	1	100	-	100
	4	21UCH54EG01A	**GE–1:**Chemistry for Competitive Examinations	4	3	100	100	100
		21UCH54EG01B	**GE–1:**Everyday Chemistry					
			Extra Credit Courses (MOOC)–3	–	(2)			
			Total	**30**	**20(2)**			
VI	3	21UCH63CC09	Chemistry of Biomolecules	6	5	100	100	100
	3	21UCH63CP04	Chemistry Practical–IV	4	3	100	100	100
	3	21UCH63CP05	Chemistry Practical–V	4	3	100	100	100
	3	21UCH63ES03A	**DSE-3**:Inorganic Chemistry–II	5	3	100	100	100
		21UCH63ES03B	**DSE-3:**Inorganic Chemistry–III					
	3	21UCH63ES04A	**DSE–4:**Physical Chemistry III	5	3	100	100	100
		21UCH63ES04B	**DSE–4:**Physical Chemistry IV					
	3	21UCH63PW01	Project Work and Viva Voce	–	2	100	100	100
	3	21UCH63CE01	Comprehensive Examination	–	2	50	50	50
	4	21UCH64SE04A	**SEC –4 (WS):**Trends In Chemistry	2	1	100	-	100
		21UCH64SE04B	**SEC –4 (WS):**Advances In Chemistry					
	4	21UCH64EG02A	**GE–2 (BS):**Food And Nutrition	4	3	100	100	100
		21UCH64EG02B	**GE–2 (BS):**Waste Management					
			Total	**30**	**25**			
	5	21UCW65OR01	Outreach Programme (SHEPHERD)		4			
			Total(For three years)	**180**	**130(6)**			

M. Sc. CHEMISTRY							
PROGRAMME PATTERN							
Course Details					**Scheme of Exams**		
Sem	**Code**	**Course Title**	**Hrs**	**Cr**	**CIA**	**SE**	**Final**
I	21PCH1CC01	Inorganic Chemistry-I	6	6	100	100	100
	21PCH1CC02	Physical Chemistry-I	7	6	100	100	100
	21PCH1CP01	Inorganic Chemistry Practical-I	4	3	100	100	100
	21PCH1CP02	Physical Chemistry Practical-I	4	3	100	100	100
	21PCH1ES01A	**DSE-1:** Organic Chemistry I	5	4	100	100	100
	21PCH1ES01B	**DSE-1:** Stereochemistry					
	21PCH1AE01	**AEC :** Analytical Techniques	4	3	50	50	50
		Total	**30**	**25**			
II	21PCH2CC03	Inorganic Chemistry-II	4	4	100	100	100
	21PCH2CC04	Organic Chemistry-II	5	4	100	100	100
	21PCH2CP03	Inorganic Chemistry Practical-II	4	3	100	100	100
	21PCH2CP04	Physical Chemistry Practical-II	4	3	100	100	100
	21PCH2SP01	**Self-Paced Learning :** Selected Topics in Organic Chemistry	-	2	50	50	50
	21SPS2ES02A	**DSE-2:** Spectroscopy and Group Theory	5	4	100	100	100
	21PSS2SE01	**SEC:** Soft skills	4	3	100	-	100
	21PCH2EG01	**GE-1(WS):** Industrial Products	4	3	100	100	100
		Extra Credit Courses (MOOC)-1	-	(2)			
		Total	**30**	**26(2)**			
III	21PCH3CC05	Inorganic Chemistry- III	5	4	100	100	100
	21PCH3CC06	Organic Chemistry-III	6	6	100	100	100
	21PCH3CC07	Physical Chemistry - II	6	6	100	100	100
	21PCH3CP05	Organic Chemistry Practical- I	4	3	100	100	100
	21PCH3ES03A	**DSE-3:** Bioorganic Chemistry	5	4	100	100	100
	21PCH3ES03B	**DSE-3:** Pharmaceutical Chemistry					
	21PCH3EG02	**GE-2 (BS):** Health Science	4	3	100	100	100
		Extra Credit Courses (MOOC)-2		(2)			
		Total	**30**	**26 (2)**			
IV	21PCH4CC08	Inorganic Chemistry-IV	6	6	100	100	100
	21PCH4CC09	Organic Chemistry-IV	5	5	100	100	100
	21PCH4CC10	Physical Chemistry - III	4	4	100	100	100
	21PCH4CP06	Organic Chemistry Practical- II	4	3	100	100	100
	21PCH4ES04A	**DSE-4:** Selected Topics In Inorganic and Physical Chemistry- I	5	4	100	100	100
	21PCH4ES04B	**DSE- 4:** Selected Topics In Chemistry					
	21PCH4PW01	Project work and Viva-Voce	6	5	100	100	100
	21PCH4CE01	Comprehensive Examination	-	2	50	50	50
		Extra Credit Courses (MOOC)-3	-	(2)			
		Total	**30**	**29 (2)**			
I-IV	21PCW4OR01	Outreach Programme (SHEPHERD)		4			
		Total (Four Semesters)	**120**	**110 (6)**			

BOARD OF STUDIES MEETING - HELD ON 06-06-2022 DEPARTMENT OF CHEMISTRY St. JOSEPH'S COLLEGE(AUTONOMOUS) TIRUCHIRAPPALLI -620002		
S. No.	**Name and address**	**Signature**
1.	Dr. D.Saravanan, Associate Professor (S.S.), Department of Chemistry, National College (Autonomous), Tiruchirappalli – 620 001 **(University Representative)**	—
2.	Dr. Karvembu, Professor, Dept. of Chemistry National Institute of Technology Tiruchirappalli. E-mail: kar@nitt.edu Mobile: 9442268653**(Subject Expert)**	—
3.	Mr. Thyagarajan, Regional Manager, Metrohm India Pvt. Ltd, Metrohm – S.I Towers31 & 3 Fourtis Avenue, Annai Indira Nagar, Thoraipakkam, Chennai 600 097. E-mail: thyaga81@gmail.com	—
	Dr. S. Joseph Selvaraj	S. Joseph Selvaraj
4.	Dr. A. Paulraj	
5.	Dr. S. Denis Arockiaraj	
6.	Dr. A.N. Paul Angelo	
7.	Dr. A. Rose Venis	
8.	Dr. A. Irudaya Jothi	
9.	Dr. S. Antony Sakthi	S. Antony Sakthi
10.	Dr. A. Edwin Vasu	
11.	Dr. A.S. Stella Shalini	Refresher Course
12.	Dr. A. Simi	
13.	Dr. S. Britto	S. Britto
14.	Mr. A. Ceril Jeoffrey	- CL -
15.	~~Mr.~~ C. Rajarathinam Dr.	
16.	Dr. S. Mangalaraj	
17.	Dr. A. Leo Standly	
18.	Dr. A. Arun Viveke	
19.	Dr. I. Arockiaraj	
20.	Rev. Dr. A. Sebastin Thangadurai SJ	
21.	Dr. A. Arun Joseph Rosario	
22.	Mr. P. Arockiadoss	P. Arockiadoss
23.	Dr. A. Josephine Kanimozhi	

S. Joseph Selvaraj

Dr. S.JOSEPH SELVARAJ,M.Sc, Ph.D.,
Head, Department of Chemistry,
St.Joseph's College (Autonomous),
Tiruchirappalli-620 002.

DEPARTMENT OF ELECTRONICS

MINUTES OF THE BOARD OF STUDIES IN ELECTRONICS HELD ON 15.06.2022

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. Sathyankaliyamoorthy (Industrial Expert) and other board members. External members attended the meeting through online. The Chairman of the board, Dr.B. Kanickairaj briefed all the PG papers and the board has discussed all the papers and gave consent as follows:

PG COURSE PATTERN

The Head of the Department, Dr. B. Kanickairaj presented the PG Course Pattern. Dr. S. Kalidass, Dr. John Bosco Balaguruand Mr. Sathyankaliyamoorthy accepted all the credits and hours allotted to the papers.Dr. S. Kalidass appreciated that all the emerging areas and topics of Electronics were included in the syllabus.Dr. John Bosco Balaguru acknowledged that all the papers were well formatted and up to the standard of the industry. He further admired that the Embedded focused curriculum and skill-enhancing practical sessions offered by the department would be definitely helpful to the PG students to grab the job opportunities. He further highlighted how this kind of exposure lead to some placements which have been specifically required our own alumni. Mr. Sathyankaliyamoorthy also gave a good note on the formation of the syllabus.With all these fruitful discussions, the PG Course Pattern was passed by the board.

SEMESTER I

DESIGN OF ANALOG CIRCUITS:

Dr. S. Kalidass and Mr. Sathyankaliyamoorthy accepted the syllabus with no comments. Dr. John Bosco Balaguru insisted to add frequency response analysis of amplifiers without which syllabus would be half-filled. He enquired about the syllabus of UG Electronics circuits and Linear Integrated Circuits papers. He further added why unit IV was given with 15 hours. Dr. B. Kanickairaj answered all the questions appropriately in such a way that unit IV had been covered around 50 pages in the prescribed text book within which no topic can be omitted or deleted and so that unit would take hardly 15 hours to complete.Dr. John Bosco Balaguru accepted his views. He appreciated the formation of the units III and V. He suggested to add the topic “review of low and high frequency response analysis of single and multistage amplifiers” in unit I and his suggestion was implemented. He finally recommended to add the text book “Operational amplifiers and Linear Integrated Circuits”, by Frederick. F. Driscoll. The board accepted and implemented all the proposed suggestions and the paper was passed.

DESIGN OF DIGITAL CIRCUITS:

Dr. John Bosco Balaguru put forward a note to add “Verilog “in Digital Design paper and so it would be beneficial to the students during semester interchange/abroad exchange modes offered by several world class universities with stipends. He further encouraged to

keep minimum two practical Verilog experiments like Multiplexer and demultiplexer design in the list. He advised to add the latest edition text books. All his suggestions were accepted and carried out and that paper was passed by the board.

POWER ELECTRONICS AND SOLAR PV SYSTEMS

Dr. S. Kalidass enquired about the percentage of weightage given to Solar Energy and other Power Electronics topics. Dr. B. Kanickairaj answered that units I and II arethe Power Electronics and units IV and V arethe Solar energy applications. He further added that the unit III is both for Power Electronics and Solar Energy systems and so almost 50% [equal] weightage was given to both the areas. Dr. John Bosco Balaguru and Mr. Sathyankaliyamoorthy accepted all the views and that paper was passed by the board.

ELECTRONICS PRACTICAL-I:

Dr. John Bosco Balaguruinsisted to add frequency response analysis of amplifiers in the practical list. The board took up the suggestion and passed the paper.

EMBEDDED SYSTEM-I:

Dr. B. Kanickairaj briefed the syllabus. Dr. S. Kalidass expressed the less inclusion of basic Microcontroller concepts and selection of the core elective paper. Dr. B. Kanickairaj answered him about the basic Microcontroller is in the UG curriculum. He further explained that the students would select any one of the elective papers. If the students select Embedded Systems-I in first semester, only then they would continue with Embedded Systems-II in third semester. Otherwise, they would select Electromagnetics and Antenna design in first semester and Digital Communication Systems in second semester.

Dr. John Bosco Balaguruconnotedthat the syllabus formation was good but he doubted the time allotment given to each unit could be justifiable or not. Dr. B. Kanickairaj replied him that the hidden subtopics like design, example and analysis under each major topic would be definitely justifiable to the allotted no of hours.

Mr. Sathyankaliyamoorthy enquired about the Embedded C and Microcontroller board topics in Embedded Systems I and II papers. Dr. B. Kanickairaj answered him that five different Embedded Programming Languages and 8-bit, 16bit and 32 bit and advanced SBC boards have been included in the syllabus. Board undertook the views in a positive way and passed the paper.

ELECTROMAGNETICS AND ANTENNA DESIGN:

Dr. John Bosco Balaguru suggested to change the text book for Electromagnetics and his suggestion was carried out and the paper was passed.

MATHEMATICS, SIGNALS AND SYSTEMS:

Dr. John Bosco Balaguru recommended to change the title from “Mathematics for Electronics and Signals and Systems” into“Mathematics, Signals and Systems”. He suggested to reduce the heaviness of the paper by reducing some topics in Mathematics and some in Signals and Systems. He further added to increase the hour allotment given to UNIT IV and

include the online video reference" MATH THE BEAUTIFUL". All his views were notified and implemented. Thus, the paper was passed by the board.

MECHATRONICS AND AUTOMOTIVE ELECTRONICS:

Dr. John Bosco Balaguru appreciated the syllabus formation of the paper.Mr. Sathyankaliyamoorthy, the Industrial Expert has asked about Cyber Security and Electric Vehicles. He further raised about the inclusion of types of Engines. Dr. B. Kanickairaj replied him that all the suggested topics have already been included. He insisted to add the topic Accelerometers in the syllabus. Mr. Sathyankaliyamoorthy finally propounded to include the latest CAN FD Protocol in the syllabus. The board accepted his suggestion and the paper was passed.

DIGITAL SIGNAL PROCESSING:

Dr. John Bosco Balaguru suggested to handle the unit V as practical assignment to enhance the learning process for the students. The board accepted and passed the paper.

ELECTRONICS PRACTICAL-II:

Dr. John Bosco Balaguru expressed his view on deciding the practical titles could be more specific than general. Dr. B. Kanickairaj said that the titles would be general and open ended on syllabus formation and narrowed by the respective class in charge to specific applications during practical sessions. The board accepted and passed the paper.

SENSORS, TRANSDUCERS AND MEMS:

The paper formation was appreciated and passed by the board with no comments.

DIGITAL COMMUNICATION SYSTEMS:

The paper formation was appreciated and passed by the board.

SELF PACED ELECTIVE:

Dr. B. Kanickairaj explained about the Self -Paced Learning credit and evaluation system. He further elaborated about the newly launched Learning Management System for Self- Paced Courses. He conveyed if it is feasible to COE, we would offer all the three papers to the students as internal choice. Otherwise,one of the papers would be allotted. The board accepted and passed the papers.

ELECTRONICS MEDIA:

Dr. B. Kanickairajbriefed the significance of the paper and explained that the students from Physics and Chemistry would study this paper. He further added that the syllabus was formulated in such a way that it could be easily studied by those students. The board appreciated and passed the paper.

SINGLE BOARD COMPUTERS AND PYTHON:

Dr. John Bosco Balaguru agreed the syllabus formation and recommended that the students could have undergone Python Programming course before the commencement of this paper. He further added that 8 /12 weeks course offered by NPTEL or any other portal like Course era would be an added advantage to the students to follow this paper fruitfully. Dr. B. Kanickairaj replied him that we would insist students to finish the Python programming course as MOOC-1 or in the summer vocational course. The board accepted all the points and passed the paper.

VLSI DESIGN AND VERILOG PROGRAMMING:

Dr. John Bosco Balaguru encouraged the syllabus formation and suggested to add the reference book," A Verilog HDL Primer", by J. Bhasker. He strongly recommended to spend some amount to purchase basic DE1, DE2 FPGA kits and to avail license for certain Cadence tools which would support VLSI and IC design. All accepted his suggestions and passed the paper.

ELECTRONIC INSTRUMENTATION AND VIRTUAL INSTRUMENTATION:

Dr. B. Kanickairaj briefed the flow of the paper. Dr. John Bosco Balaguru suggested that semi theory and semi-Laboratory scheme could be followed for that paper. Dr. B. Kanickairaj replied him that the paper was formulated in that way. Dr. John Bosco Balaguru asked to add two more books in the reference such as, "LabVIEW for everyone" by Jeffrey Travis and "Learning with LabVIEW" by Robert H. Bishop. The board accepted and carried out all the suggestions. The paper was thus passed by the board.

ELECTRONICS PRACTICAL-III:

Dr. B. Kanickairaj explained the proposed list of experiments. Dr. John Bosco Balaguru insisted to buy some basic Embedded and FPGA boards. The board accepted and passed the paper.

INTERNSHIP:

Dr. S. Kalidass enquired the duration and place of the Internship. Dr. B. Kanickairajreplied him that the students would be advised to undergo one month internship either in MNC/Large Scale Industries or in National/International laboratory. The board accepted and passed the paper.

EMBEDDED SYSTEMS-II:

Dr. B. Kanickairaj presented the contents of the paper and the board passed the paper without any further changes.

MOBILE COMPUTING:

Dr. John Bosco Balaguru insisted to add some IoT Protocols like LoRA , LTE standard. He asked to add these could be added either in this paper or IoT paper. The board accepted, implemented his suggestions and passed the paper.

COMPUTER HARDWARE AND NETWORKS:

Dr. B. Kanickairaj explained the Generic Elective paper, Computer hardware and Networks. He further added that this paper would be given for students from other Schools and for their ease, Computer Hardware was proposed. His views were accepted by the board and passed the paper.

CONTROL SYSTEM AND INDUSTRIAL AUTOMATION:

Dr. John Bosco Balaguru felt the formation of syllabus was heavy and proposed some suggestions to reduce some part of the paper and to add the text book, "Control Systems Technology", by Curtis Johnson. The board accepted and passed the paper.

INTERNET OF THINGS AND ARTIFICIAL INTELLIGENCE:

Dr. John Bosco Balaguru felt highly satisfied about the syllabus formation and insisted to ask the students to undergo a course on AI through MOOC before the start of the semester. The board accepted and passed the paper.

ELECTRONICS PRACTICAL-IV:

The board accepted and passed the paper without any further changes.

ADVANCED COMMUNICATION SYSTEMS:

The Academic Expert Dr.John Bosco Balaguru suggested to remove the word " Advanced" from the title. He suggested to add the text book, "Communication Electronics", by Deshpande. The board accepted and passed the paper without any further changes.

WIRELESS SENSOR NETWORKS:

Dr.John Bosco Balaguru felt that this paper could have been studied before IoT paper. Dr. B. Kanickairajreplied him that the paper is a core elective and sowe kept the paper in fourth semester. The board accepted and passed the paper without any further changes.

The Head of the Department, Dr. B. Kanickairaj requested the external experts to consolidate their final views. Dr. S. Kalidass concluded that the entire paper formation was well established. Dr. John Bosco Balaguru consolidated that the syllabus formation was upto the best of the industry standard and insisted to handle the practical sessions with extra hours and own boards and licensed software Mr. Sathyankaliyamoorthy concluded that the standard of the syllabus was good and can concentrate more on Embedded Programming Languages and Communication Protocols.

The board accepted all the suggestionsand implemented. Finally, the Head of the department Dr. B. Kanickairaj proposed the vote of thanks to all the panel and the board members.

There is no correction in the UG Syllabus.

B.Sc. ELECTRONICS								
PROGRAMME PATTERN								
Course Details						Scheme of Exams		
Sem	**Part**	**Course Code**	**Course Title**	**Hrs**	**Cr**	**CIA**	**SE**	**Final**
I	1	21UTA11GL01	General Tamil - I	4	3	100	100	100
		21UFR11GL01	French-I					
		21UHI11GL01	Hindi-I					
		21USA11GL01	Sanskrit-I					
	2	21UEN12GE01	General English -I	5	3	100	100	100
	3	21UEL13CC01	**Semiconductor Theory and Electronic Devices**	7	5	100	100	100
	3	@	Electronics Practical – I	3	*			
	3	@	Electronics Workshop Practice - I	3	*			
	3	21UEL13AC01	**Allied :**Mathematics-I	6	4	100	100	100
	4	2UEN14AE01	**AECC-1:** Communicative English	(6)	4	100	-	100
	4	21UHE14VE01	Essentials of Humanity	2	1	50	50	50
			Total	**30**	**20**			
II	1	21UTA21GL02	General Tamil - II	4	3	100	100	100
		21UFR21GL02	French-II					
		21UHI21GL02	Hindi-II					
		21USA21GL02	Sanskrit-II					
	2	21UEN22GE02	General English -II	5	3	100	100	100
	3	21UEL23CC02	Electric Circuit Analysis	5	4	100	100	100
	3	21UEL23CP01	CP 1: Electronics Practical – I	3	2	100	100	100
	3	21UEL23WS01	WS-1: Electronics Workshop Practice - I	3	2	100	-	100
	3	21UEL23AC02	**Allied :** Mathematics-II	6	4	100	100	100
	4	21UHE24AE02	**AECC-2:** Environmental Studies	2	2	50	50	50
	4	21UHE24VE02	Techniques of Social Analysis: Fundamentals of Human Rights	2	1	50	50	50
			Extra Credit Courses (MOOC)-1	-	(2)			
			Total	**30**	**21(2)**			
III	1	21UTA31GL03	General Tamil - III	4	3	100	100	100
		21UFR31GL03	French- III					
		21UHI31GL03	Hindi- III					
		21USA31GL03	Sanskrit- III					
	2	21UEN32GE03	General English - III	5	3	100	100	100
	3	21UEL33CC03	Digital**Electronics**	4	3	100	100	100
	3	21UEL33CC04	Electronic**Circuits**	4	3	100	100	100
	3	@	Electronics Practical – II	3	*			
	3	21UEL33AO03A	**AlliedOptional:**Applied Physics-I	4	3	100	100	100
		21UEL33AO03B	**AlliedOptional:** Computer Science-I					
		@	**Allied Optional:**Applied Physics-I Practical	2	-	-	-	-
		@	**AlliedOptional:** Computer SciencePractical					
	4	21UEL34SE01A	**SEC- 1 (WD):Sound Engineering**	2	1	100	-	100
		21UEL34SE01B	**SEC- 1 (WD):Lab Equipment Maintenance and Servicing**					
	4	21UHE34VE03A	Professional Ethics–I: Social Ethics - I	2	1	50	50	50
		21UHE34VE03B	Professional Ethics -I: Religious Doctrine-I					
			Extra Credit Courses (MOOC)-2		(2)			
			Total	**30**	**17(2)**			

IV	1	21UTA41GL04B	Scientific Tamil(SBS, SPS,SCS)	4	3	100	100	100
		21UFR41GL04	French-IV					
		21UHI41GL04	Hindi- IV					
		21USA41GL04	Sanskrit- IV					
	2	21UEN42GE04	General English - IV	5	3	100	100	100
	3	21UEL43CC05	Linear**Integrated Circuits**	4	3	100	100	100
	3	21UEL43CC06	**Communication Electronics**	4	3	100	100	100
	3	21UEL43CP02	CP 2: **Electronics Practical - II**	3	2	100	100	100
	3	21UEL43AO04A	**AlliedOptional**: Applied Physics-II	4	3	100	100	100
		21UEL43AO04B	**AlliedOptional**: Computer Science-II					
		21UEL43AP01A	**AlliedOptional**: Applied Physics Practical	2	2	100	100	100
		21UEL43AP01B	**AlliedOptional**: Computer Science Practical					
	4	21UEL44SE02	**SEC -2 (BS):**PC Assembling and Servicing	2	1	100	-	100
	4	21UHE44VE04A	Professional Ethics–II: Social Ethics - II	2	1	50	50	50
		21UHE44VE04B	Professional Ethics -II: Religious Doctrine-II					
			Total	**30**	**21**			
V	3	21UEL53CC07	Microprocessors**and Applications**	4	3	100	100	100
	3	21UEL53CC08	Sensors and Electronic Instrumentation	4	3	100	100	100
	3	21UEL53CP03	CP 3: **Electronics Practical – III**	6	3	100	100	100
	3	21UEL53ES01A	DSE-1:**Mobile Communication**	5	3	100	100	100
		21UEL53ES01B	DSE-1:**Medical Electronics**					
		21UEL53ES02A	DSE -2:**C and Python Programming**	5	3	100	100	100
		21UEL53ES02B	DSE -2:Computer **Hardware and Networks**					
	3	21UEL53IS01	Internship	-	2	100		100
	3	21UEL53SP01A	**Self-Paced Learning: RF, Microwave and Optical Communications**	-	2	50	50	50
		21UEL53SP01B	**PCB Design and Fabrication**					
	3	21UEL53FV01	Field Study/ Industrial Visit/ Case Study	-	1	100	-	100
	4	21USS54SE03	**SEC -3** : Soft Skills	2	1	100	-	100
	4	21UEL54EG01A	GE-1**:** Everyday Electronics	4	3	100	100	100
		21UEL54EG01B	GE-1: Wireless Communication					
			Extra Credit Courses (MOOC)-3		(2)			
			Total	**30**	**24(2)**			
VI	3	21UEL63CC09	**Microcontroller and Embedded System**	4	3	100	100	100
	3	21UEL63CC10	Power**Electronics**	4	3	100	100	100
	3	21UEL63CP04	CP 4: **Electronics Practical – IV**	6	3	100	100	100
	3	21UEL63ES03A	DSE-3: **Control System**	5	3	100	100	100
		21UEL63ES03B	DSE-3:**Virtual Instrumentation**					
	3	21UEL63ES04A	DSE-4**:**Robotics and Industrial Automation	5	3	100	100	100
		21UEL63ES04B	DSE-4: **Digital Image Processing**					
	3	21UEL63PW01	Project Work	-	2	100	100	100
	3	21UEL63CE01	Comprehensive Exam	-	2	50	50	50
	4	21UEL64SE04A	**SEC -4 (WS):**Consumer Electronics	2	1	100	-	100
		21UEL64SE04B	**SEC -4 (WS):** Industrial Electronics					
	4	21UEL64EG02A	**GE-2:**CCTV and Smart Security Systems	4	3	100	100	100
		21UEL64EG02B	**GE-2:** Entrepreneurial Electronics					
			Total	**30**	**23**			
I-VI	5	21UCW65OR01	Outreach Programme (SHEPHERD)	-	4			
			Total	**180**	**130(6)**			

M.Sc. ELECTRONICS							
PROGRAMME PATTERN							
Course Title							
Sem	**CODE**	**COURSE TITLE**	**Hrs.**	**Cr**	**CIA**	**SE**	**Final**
I	22PEL1CC01	Design of Analog Circuits	5	4	100	100	100
	22PEL1CC02	Design of Digital Circuits	4	4	100	100	100
	22PEL1CC03	Power Electronics and Solar PV Systems	***4***	***4***	100	100	100
	22PEL1CP01	Electronics Practical - I	***8***	***6***	100	100	100
	22PEL1ES01A	**DSE-1:** Embedded System-I					
	22PEL1ES01B	**DSE-1:** Electromagnetics and Antenna Design	5	4	100	100	100
	22PEL1AE01	**AEC –** Mathematics, Signals and Systems	4	3	50	50	50
		TOTAL	**30**	**25**			
II	22PEL2CC04	Mechatronics and Automotive Electronics	4	4	100	100	100
	22PEL2CC05	Digital Signal Processing	5	5	100	100	100
	22PEL2CP02	Electronics Practical - II	***8***	***6***	100	100	100
	22PEL2ES02A	**DSE-2:** Sensors, Transducers and MEMS					
	22PEL2ES02B	**DSE-2:** Digital Communication Systems	5	4	100	100	100
	22PEL 2SP01A	**SPL:** Programmable Logic Controller					
	22PEL2SP01B	**SPL:** Consumer Electronics	***-***	***2***	***50***	***50***	***50***
	22PEL2SP01C	**SPL:** Medical Electronics					
	21PSS2SE01	**SEC-1: Soft skill**	4	3	100	-	100
	22PEL2EG01	**GE-1(WS) Electronics media**	4	3	100	100	100
		Extra Credit courses (MOOC)-1	-	**(2)**			
		TOTAL	**30**	**27**			
III	22PEL3CC06	Single Board Computers and Python	4	4	100	100	100
	22PEL3CC07	VLSI Design and VERILOG Programming	4	4	100	100	100
	22PEL3CC08	Electronic Instrumentation and Virtual Instrumentation	***5***	***4***	100	100	100
	22PEL3CP03	Electronics Practical - III	***8***	***6***	100	100	100
	22PEL3IS01	Internship		***2***	100	100	100
	22PEL3ES03A	**DSE-3:** Embedded System-II					
	22PEL3ES03B	**DSE-3:** Mobile Computing	5	4	100	100	100
	22PEL3EG02	**GE-2 (BS):** Computer Hardware and Networks	4	3	100	100	100
		Extra Credit courses (MOOC)-2		**(2)**			
		TOTAL	**30**	**27**			
IV	22PEL4CC09	Control System and Industrial Automation	5	4	100	100	100
	22PEL4CC10	Internet of Things and Artificial Intelligence	6	5	100	100	100
	22PEL4CP04	Electronics Practical - IV	***8***	***6***	100	100	100
	22PEL4ES04A	**DSE-4:** Communication Systems					
	22PEL4ES04B	**DSE-4:** Wireless Sensor Networks	5	4	100	100	100
	22PEL4PW01	**Project work** and Viva Voce	6	6	100	100	100
	22PEL4CE01	Comprehensive Exam	-	2	50	50	50
		Extra Credit courses (MOOC)-3	-	**(2)**			
		TOTAL	**30**	**27**			
I-IV		**Outreach program**		**4**			
		Total (Four Semesters)	**120**	**110(6)**			

BOARD OF STUDIES MEETING - HELD ON 15-06-2022 DEPARTMENT OF ELECTRONICS St. JOSEPH'S COLLEGE(AUTONOMOUS) TIRUCHIRAPPALLI -620002		
S. No.	**Name and address**	**Signature**
1.	Dr. S. Kalidass Associate Professor Department of Electronics Government Arts college, Tiruchirappalli – 620 022 **(University Representative)**	Online
2.	Dr. R. John Bosco Balaguru Dean, Sponsored Research Professor, School of Electrical and Electronics Engineering, Centre for Nanotechnology and Advanced Biomaterials, SASTRA University, Thanjavur 613 401. E-mail: rjbosco@ece.sastra.edu Mobile: 9944468889 **(Subject Expert)**	Online
3.	Mr. Sathiyan Kaliyamoorthy Bosch Engineering and Business Solution, Coimbatore E-mail: sathiyan.kaliyamoorthy@in.bosch.com Mobile: 9994986051	Online
4.	Dr. B. Kanickairaj	
5.	Rev. Fr. J. John Wilson SJ	
6.	Mr. A. Arputharaj	
7.	Ms. V. Sivakamasundari	
8.	Dr. P. Subbuthai	
9.	Dr. V. Manickam	
10.	Dr. V. Kesavan	

HEAD OF THE DEPARTMENT
DEPARTMENT OF ELECTRONICS,
St. Joseph's College (Autonomous)
Tiruchirappalli - 620 002.

DEPARTMENT OF PHYSICS

MINUTES OF THE BOARD OF STUDIES IN PHYSICS HELD ON 06.06.2022

Minutes of the BoS meeting of Physics held on 06.06.2022 at 12.00 Noon in the Department of Physics.

All the members were present except (Dr. R. Jerald Vijay, Mr. J. Ranjith Rajasekar and Mr. A. Anand is on CL).

External Expert Dr. R. Raj Muhamed (University Representative) and Industrial Expert Mr.J. Martin were not attended due to their pre occupation.

- HoD welcomed the gathering and introduced the external expert (Dr. K. Mari Muthu) to the members.
- HoD informed the members about the agenda and discussed each item thoroughly.
- Course pattern with changes in codes were discussed and approved.
- A minor correction in M.Sc. programme, Course: Analog and Digital Electronics, in unit IV title Combinational circuit design and memories, the word "memories" were deleted and passed.
- Panel of examiners for UG and PG programme were finalized and approved.

Any other matter:

- ✓ Dr. J. Charles expressed his view about LOCF pattern and implication after the introduction of LOCF based question.
- ✓ HoD clarified his doubts for implementation of LOCF based question paper.
- ✓ Dr. K. Marimuthu, External Expert briefed about the implementation OBE in GRI and attainment to be calculated shortly. Also he explained the OBE for UG and PG programme following in GRI
- ✓ Department thanked Dr. I. Arul Rayappan who retired last month.

Meeting came to an end by 12.45 pm

B.Sc. PHYSICS								
PROGRAMME PATTERN								
Course Details						**Scheme of Exams**		
Sem	**Part**	**Code**	**Course Title**	**Hrs**	**Cr**	**CIA**	**SE**	**Final**
I	1	21UTA11GL01	General Tamil - I	4	3	100	100	100
		21UFR11GL01	French-I					
		21UHI11GL01	Hindi-I					
		21USA11GL01	Sanskrit-I					
	2	21UEN12GE01	General English -I	5	3	100	100	100
	3	21UPH13CC01	Properties of Matter and Sound	7	6	100	100	100
	3	@	Physics Practical – I	3	--			
		@	Basic Workshop Practice	3	-			
	3	21UPH13AC01	**Allied:** Mathematics for Physics– I	6	4	100	100	100
	4	21UEN14AE01	**AECC-1:** Communicative English	(6)	4	100	-	100
	4	21UHE14VE01	Essentials of Humanity	2	1	50	50	100
Total				**30**	**21**			
II	1	21UTA21GL02	General Tamil - II	4	3	100	100	100
		21UFR21GL02	French-II					
		21UHI21GL02	Hindi-II					
		21USA21GL02	Sanskrit-II					
	2	21UEN22GE02	General English -II	5	3	100	100	100
	3	21UPH23CC02	Mechanics	*5*	3	100	100	100
	3	21UPH23CP01	Physics Practical – I	*3*	2	100	100	100
		21UPH23WS01	Basic Workshop Practice	*3*	2	100	-	100
	3	21UPH23AC02	**Allied :** Mathematics for Physics– II	6	4	100	100	100
	4	21UHE24AE02	**AECC-2**: Environmental studies	2	2	50	50	50
		21UHE24VE02	Techniques of Social Analysis: Fundamentals of Human Rights	2	1	50	50	50
			Extra Credit Courses (MOOC)-1	-	(2)			
Total				**30**	**20(2)**			
III	1	21UTA31GL03	General Tamil - III	4	3	100	100	100
		21UFR31GL03	French-III					
		21UHI31GL03	Hindi-III					
		21USA31GL03	Sanskrit-III					
	2	21UEN32GE03	General English -III	5	3	100	100	100
	3	21UPH33CC03	Mathematical Physics - I	4	4	100	100	100
	3	21UPH33CC04	Elctromagnetism	4	3	100	100	100
	3	@	Physics Practical – II	3	-			
	3	21UPH33AO03A	**Allied Optional** : Chemistry –I	4	3	100	100	100
		21UPH33AO03B	**Allied Optional** : Computer Science-I					
		@	**Allied: Practical**	2	*	*		
	4	21UPH34SE01A	**SEC -1 (WD):** Solar Power System Installation and Maintenance	2	1	100	-	100
		21UPH34SE01B	**SEC -1 (WD):** Techniques of Problem Solving in Physics					
	4	21UHE34VE03A	Professional Ethics–I: Social Ethics - I	2	1	50	50	50
		21UHE34VE03B	Professional Ethics -I: Religious Doctrine-I					
			Extra Credit Courses (MOOC)-2	-	(2)			
Total				**30**	**18 (2)**			

IV	1	21UTA41GL04B	Scientific Tamil(SBS, SPS,SCS)	4	3	100	100	100
		21UFR41GL04	French- IV					
		21UHI41GL04	Hindi- IV					
		21USA41GL04	Sanskrit- IV					
	2	21UEN42GE04	General English - IV	5	3	100	100	100
	3	21UPH43CC05	Mathematical Physics - II	4	4	100	100	100
	3	21UPH43CC06	Thermal Physics	4	3	100	100	100
	3	21UPH43CP02	Physics Practical – II	3	2	100	100	100
	3	21UPH43AO04A	**Allied Optional** : Chemistry –II	4	3	100	100	100
		21UPH43AO04B	**Allied Optional** : Computer Science-II					
		21UPH43AP01A	**Allied Optional** : Chemistry Practical	2	2	100	100	100
		21UPH43AP01B	**Allied Optional** : Computer Science Practical					
	4	21UPH44SE02A	**SEC -2 (BS):** Weather Physics	2	1	100	-	100
		21UPH44SE02B	**SEC -2 (BS):** Electrical Wiring					
	4	21UHE44VE04A	Professional Ethics–II: Social Ethics - II	2	1	50	50	50
		21UHE44VE04B	Professional Ethics -II: Religious Doctrine-II					
			Total	**30**	**22**			
V	3	21UPH53CC07	Optics	4	2	100	100	100
	3	21UPH53CC08	Concepts of Modern Physics	4	2	100	100	100
	3	21UPH53CP03	Physics Practical – III	6	4	100	100	100
	3	21UPH53ES01A	**DSE-1:**Analog and Digital Electronics	5	3	100	100	100
		21UPH53ES01B	**DSE-1:** Design of Analog and Digital Circuits					
	3	21UPH53ES02A	**DSE-2:** Classical Mechanics	5	3	100	100	100
		21UPH53ES02B	**DSE-2:** Solid State Physics					
	3	21UPH53IS01	Internship	-	2	100	-	100
	3	21UPH53SP01	**Self-paced learning:**Astronomy	-	2	50	50	50
	3	21UPH53FV01	Field study/ Industrial visit/ Case study	-	1	100	-	100
	4	21USS54SE03	**SEC -3:** Soft Skills	2	1	100	-	100
	4	21UPH54EG01A	**GE-1:** Everyday Physics	4	3	100	100	100
		21UPH54EG 01B	**GE-1:** Renewable Energy Physics					
			Extra Credit Courses (MOOC)-3	-	(2)			
			Total	**30**	**23(2)**			
VI	3	21UPH63CC09	Quantum Mechanics	4	2	100	100	100
	3	21UPH63CC10	Atomic, Nuclear and Particle Physics	4	2	100	100	100
	3	21UPH63CP04	Physics Practical – IV	6	4	100	100	100
	3	21UPH63ES03A	**DSE-3:**Statistical Mechanics	5	3	100	100	100
		21UPH63ES03B	**DSE-3:** Spectroscopy and Laser					
	3	21UPH63ES04A	**DSE-4:** Embedded System and Microcontroller	5	3	100	100	100
		21UPH63ES04B	**DSE-4:** Sensors, Transducers and IoT					
	3	21UPH63PW01	Project Work and Viva Voce	-	2	100	100	100
	3	21UPH63CE01	Comprehensive Exam	-	2	50	50	50
	4	21UPH64SE04A	**SEC -4 (WS):**Radiation Physics and Safety	2	1	100	-	100
		21UPH64SE04B	**SEC -4 (WS):** Non Destructive Testing					
	4	21UPH64EG02A	**GE-2:**Laser Technology and its Application	4	3	100	100	100
		21UPH64EG02B	**GE-2:** Physics of Earth					
			Total	**30**	**22**			
	1 - 5	21UCW65OR01	Outreach Programme (SHEPHERD)		4			
			Total	**180**	**130(6)**			

M.Sc PHYSICS							
PROGRAMME PATTERN							
Course Details					**Scheme of Exams**		
Sem	**Course Code**	**Course Title**	**Hrs**	**Cr**	**CIA**	**SE**	**Final**
I	21PPH1CC01	Classical Mechanics	6	6	100	100	100
	21PPH1CC02	Mathematical Physics	6	6	100	100	100
	21PPH1CP01	Physics Practical-I	8	6	100	100	100
	21PPH1ES01A	**DSE-1:**Analog and Digital Electronics	6	4	100	100	100
	21PPH1ES01B	**DSE-1:**Physics of Semiconductor Devices					
	21PPH1AE01	**AEC:**Framework for Physics Innovation and Entrepreneurship	4	3	50	50	50
		Total	**30**	**25**			
II	21PPH2CC03	Quantum Mechanics	5	5	100	100	100
	21PPH2CC04	Mathematical Methods of Computational Physics and Python Programming	5	5	100	100	100
	21PPH2CP02	Physics Practical-II	8	6	100	100	100
	21SPS2ES02B	**DSE-2 :**Methods of Spectroscopy	5	4	100	100	100
	21PPH2SP01A	**Self-Paced Learning:** Medical Physics	-	2	50	50	50
	21PPH2SP01B	**Self-Paced Learning:** Physics of Crystal Growth and Thin films					
	21PPH2SP01C	**Self-Paced Learning:** Ultrasonics					
	21PPH2SP01D	**Self-Paced Learning:** Nanoscience and Technology					
	21PSS2SE01	**SEC:**Soft skills	4	3	100	-	100
	21PPH2EG01A	**GE-1 (WS):**Solar Energy and Utilization	4	3	100	100	100
	21PPH2EG01B	**GE-1(WS):**Renewable Energy Resources					
		Extra Credit Courses (MOOC)-1	-	(2)			
	***One hour out side the regular class time**	**Total**	**31***	**28(2)**			
III	21PPH3CC05	Condensed Matter Physics	6	6	100	100	100
	21PPH3CC06	Electromagnetic Theory	6	6	100	100	100
	21PPH3CP03	Physics Practical-III	8	6	100	100	100
	21PPH3ES03A	**DSE-3:**Materials Science	6	4	100	100	100
	21PPH3ES03B	**DSE-3:**Techniques of Materials Characterisation					
	21PPH3EG02A	**GE-2 (BS):**Physics for Competitive Exams	4	3	100	100	100
	21PPH3EG02B	**GE-2 (BS):**Nano Science					
		Extra Credit Courses (MOOC)-2		(2)			
		Total	**30**	**25(2)**			
IV	21PPH4CC07	Nuclear and Particle Physics	6	6	100	100	100
	21PPH4CC08	Statistical Mechanics and Thermodynamics	6	5	100	100	100
	21PPH4CP04	Physics Practical-IV	8	6	100	100	100
	21PPH4ES04A	**DSE-4:**Microcontroller based Physics Instrumentations	4	4	100	100	100
	21PPH4ES04B	**DSE-4:** Physics of Sensors and Transducers					
	21PPH4PW01	Project work and Viva Voce	6	5	100	100	100
	21PPH4CE01	Comprehensive Exam	-	2	50	50	50
		Extra Credit Courses (MOOC)-3	-	(2)			
		Total	**30**	**28(2)**			
I-IV	21PCW4OR01	Outreach programme (SHEPHERD)		4			
		Total	**120**	**110(6)**			

BOARD OF STUDIES MEETING - HELD ON 06-06-2022

DEPARTMENT OF PHYSICS
St. JOSEPH'S COLLEGE(AUTONOMOUS)
TIRUCHIRAPPALLI -620002

S. No.	Name and address	Signature
1.	Dr. R. Raj Muhamed, Associate Professor, Department Of Physics, Jamal Mohamed College (Autonomous), Tiruchirappalli – 620 020 **(University Representative)**	
2.	Dr. K. Marimuthu, Assistant Professor, Dept. of Physics, Gandhigram Rural University Gandhigram, Dindigul. E-mail: mari_ram2000@yahoo.com Mobile: 9442022854 **(Subject Expert)**	
3.	Mr. J. Martin , IP Marketing & Distribution (P) Ltd, 13M/7K, St. Anne's Complex Convent Road, Melapudhur, Tiruchirappalli – 620 001. E-mail: martinshj@yahoo.com Mobile: 9445537777	
4.	Dr. N. Ravi	
5.	Dr. I. Arul Rayappan	
6.	Dr. S. Alfred Cecil Raj	
7.	Dr. I. Johnson	
8.	Mr. A. Patrick Prabhu	
9.	Dr. B. Kanickairaj	
10.	Dr. I. Charles	
11.	Mr. S. Dominique	
12.	Dr. P. Christuraj	
13.	Dr. A. Maggie Dayana	

14.	Dr. A. Leo Rajesh	
15.	Dr. M.M. Armstrong Arasu	
16.	Dr. A. J. Clement Lourduraj	
17.	Dr. M. Antony Arockiaraj	
18.	Dr. R. Jerald Vijay	CL
19.	Dr. S. Dinakaran	
20.	Dr. S. Anbarasu	
21.	Dr. A. Antony Raj	
22.	Dr. G. Samuel	
23.	Mr. D. Joseph James Irudayaraj	
24.	Dr. S. Lourduraj	
25.	Ms. F. Celin Hemalatha	
26.	Mr. P. Adal Arasu	
27.	Mr. J. Ranjith Rajasekar	CL
28.	Dr. M. Lawrence	
29.	Dr. H. Joy Prabu	
30.	Mr. A. Anand	CL
31.	Dr. M. Dinesh Raja	
32.	Dr. A Sinthiya	
33.	Ms. B. Mary Dayana	
34.	Mr. G Nowin Senetra Roy	

OTHER DEPARTMENTS

DEPARTMENT OF COUNSELLING PSYCHOLOGY

MINUTES OF THE BOARD OF STUDIES IN COUNSELLING PSYCHOLOGY HELD ON 06.06.2022

Members present:

Dr. Jeryda, University Representative

Dr. Synthia, Subject Expert could not be present due to unavoidable reason of her mother's health.

Rev. Dr. Emmanuel Arockiam, S.J., HoD of the Dept. of Counselling Psychology

Dr. John Balaiah

Dr. Sr. Sobhana, SJC

The Board of Studies Meeting was held on online as the communications to the external members had not reached on time.

After the introduction of the members, Rev. Dr. Emmanuel Arockiam welcomed the members explained the purpose of the meeting. He explained to them the rationale for not changing the syllabi for both the First-Year and the Second-Year programs as recommended by the Dean. He said that suggestions would be welcome and the syllabi would be modified for its ratification during the academic review which is due next year.

Rev. Dr. Emmanuel mentioned that based on the recommendation of the University the degree was officially changed from M.A. to M.Sc.

He also explained that based on the experience of the lecturers while teaching the subjects, certain minor changes are required in the syllabus of subjects such as Addiction Counselling, Psychological Testing and Group Counselling.

To the queries raised by Dr. Jeryda, the members of the Counselling Psychology Dept. answered that all the suggestions given during the previous BoS Meeting have been incorporated in the curriculum, namely, the subjects – Counselling Skills and The Psychological Approaches to Counselling have been divided into two parts. Though the Syllabus of 2020 batch has not been modified as it required ratification from the Academic Council, the felt-need of the Department for deepening the knowledge of psychological theories has been realized by the Self-paced Learning.

After Dr. Jeryda shared her efforts to help people through counselling in the university, she asked about the actual practice of counselling for students in our Dept., Rev. Dr. Emmanuel explained that the second-year students had 20 days of Counselling practicum in various centers (Atma Hospital, Servite Social Service Society, Child Jesus Hospital, Ponmalai All Women Police Station, Revamp Hospital at Ambattur, Chennai, and a mental hospital in Payyanur, Kerala). Students had another month of Internship in various places. Both Individual and Group Supervisions were conducted during their supervision days and during the classes on Supervision I & II.

Rev. Dr. Emmanuel explained that serious efforts are taken for placement of the Second-year students. He also asked other faculty members to share their contributions to the training of the students in our Dept. Besides IDC courses such as Positive Psychology and Personality Development, the Dept. is keen on starting at the beginning of the next academic year a College Counselling Center in which two of our alumni will be appointed as counsellors.

The board passed the programme patterns of 2020 set and 2021 set syllabi as given in the Programme Patterns given below.

The meeting came to a close after Rev. Dr. Emmanuel thanked the members of BoS for their time and contribution.

M.Sc. COUNSELLING PSYCHOLOGY (2021)							
COURSE PATTERN							
Course Details					Scheme of Exams		
Sem	**Course Code**	**Title of the Course**	**Hr**	**Cr**	**CIA**	**SE**	**Final**
I	21PCP1101	Foundations of Psychology	6	5	100	100	100
	21PCP1102	Psychological Approaches to Counselling –Paper -I	5	5	100	100	100
	21PCP1103	Counselling Skills-I– Theory	5	5	100	100	100
	21PCP1104	Counselling Skills -II Individual Counselling Practice (Practical)	5	3	100	100	100
	21PCP1105	Research Methodology	5	4	100	100	100
	21PCP1201A	Elective: Work Place Counselling	4	4	100	100	100
	21PCP1201B	Elective: Family Counselling					
		Total	**30**	**26**			
II	21PCP2106	Psychology of Human Development	6	5	100	100	100
	21PCP2107	Counselling and Guidance	6	4	100	100	100
	21PCP2108	Psychological Approaches to Counselling – Paper -I	5	4	100	100	100
	21PCP2109	Psychological Testing	5	4	100	100	100
	21PCP2202A	Elective: Crisis Interventions and Trauma Counselling	4	4	100	100	100
	21PCP2202B	Elective: Addiction Counselling					
	18PSS2301	IDC-Soft Skills	4	4	100	-	100
		Total	**30**	**25**			
III	21PCP3110	Group Counselling and Psychotherapy	6	5	100	100	100
	21PCP3111	Positive Psychology	6	5	100	100	100
	21PCP3112	Psychopathology- Paper-I	6	5	100	100	100
	21PCP3113	Supervision I (Fully internal)	4	4	100	-	100
	21PCP3114	Current Issues in Counselling	4	4	100	100	100
	21PCP3203A	Elective: School Counselling	4	4	100	100	100
	21PCP3203B	Elective: Medical Counselling					
	21PCP3115A	Self-Paced Learning: Psychological Wellbeing	-	2	50	50	50
	21PCP3115B	Self-Paced Learning: Personality Development					
		Total	**30**	**29**			
IV	21PCP4116	Psychopathology – Paper- II	6	5	100	100	100
	21PCP4117	Ethical and Legal Issues in Counselling	6	5	100	100	100
	21PCP4118	Supervision -II (Fully internal)	6	5	100	-	100
	21PCP4119	Internship	6	4	100	-	100
	21PCP4120	Comprehensive Examination	-	2	50	50	50
	21PCP4121	Project Work	6	4	100	100	100
		Total	**30**	**25**			
	21PCW4501	Outreach Programme (SHEPHERD)	-	5			
		Extra Credit Course (MOOC)		(2)			
		Extra Credit Course (MOOC)		(2)			
		Total for Semester – I to IV	120	110(4)			

M.Sc. Counselling Psychology (2020)				
COURSE PATTERN				
Sem	**Course Code**	**Title of the Course**	**Hours**	**Credits**
I	20PCP1101	Foundations of Psychology	6	5
	20PCP1102	Psychological Approaches to Counselling	6	5
	20PCP1103	Counselling Skills 1 - Theory	5	5
	20PCP1104	Counselling Skills 2 –Individual Counselling Practice (Practical)	4	4
	20PCP1201 A	Elective: Work Place Counselling	4	4
	20PCP1201 B	Elective: Family Counselling		
	20PCP1201	Practical-Individual/Family Counselling	5	-
		Total	**30**	**23**
II	20PCP2105	Psychology of Human Development	6	5
	20PCP2106	Counselling and Guidance	6	5
	20PCP2107	Research Methodology	5	5
	20PCP2108	Psychological Testing	5	5
	20PCP2202 A	Elective: Crisis Interventions and Trauma Counselling	4	4
	20PCP2202 B	Elective: Addiction Counselling		
	18PSS2301	IDC-Soft Skills	4	4
		Total	**30**	**28**
III	20PCP3109	Group Counselling and Psychotherapy	6	5
	20PCP3110	Positive Psychology	6	5
	20PCP3111	Psychopathology-Paper I	6	5
	20PCP3112	Supervision I (Fully internal)	4	4
	20PCP3113	Current Issues in Counseling	4	4
	20PCP3203 A	Elective: School Counselling	4	4
	20PCP3203 B	Elective: Medical Counselling		
	20PCP3114	Self-Paced Learning: Case approaches to therapy	-	2
		Total	**30**	**29**
IV	20PCP4115	Psychopathology -Paper II	6	5
	20PCP4116	Ethical and Legal Issues in Counselling	6	5
	20PCP4117	Supervision II (Fully internal)	6	5
	20PCP4118	Internship	6	4
	20PCP4119	Project Work	6	4
	20PCP4120	Comprehensive examination	-	2
		Total	**30**	**25**
	20PCW4501	Outreach Programme (SHEPHERD)		5
		Extra Credit Course-1(MOOC)		(2)
		Extra Credit Course-2(MOOC)		(2)
		Total from Semester I-Semester IV	**120**	**110** (4)

PG Dept. of Counselling Psychology

St. JOSEPH'S COLLEGE (Autonomous)

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TIRUCHIRAPPALLI - 620 002, S. INDIA

www.sjctni.edu Dept.: counpsychsjc@gmail.com

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BOARD OF STUDIES MEETING - HELD ON 06-06-2022		
DEPARTMENT OF COUNSELLING PSYCHOLOGY St. JOSEPH'S COLLEGE (AUTONOMOUS) TIRUCHIRAPPALLI - 620002		
S. No.	**Name and address**	**Signature**
1.	Dr. J.O. Jeryda Gnanajane Elijo, Associate Professor, Department of Social Work, Bharathidasan University, Tiruchirappalli – 620 024 **(University Representative)**	online Attendance
2.	Dr. Synthiya Mary Mathew, Coordinator for M.Sc. Psychology and PGDCP, Lady Doak College, Madurai Kamaraj University, Madurai E-mail: synthiamarymathew@ldc.edu.in Mobile: 9489894206 **(Subject Expert)**	—
3.	Rev. Dr. Emmanuel Arockiam, SJ,	
4.	Dr. A. John Balaiah	
5.	Dr. C.M. Sobhana	

Dr. Y. DOMINIC
Dean-School of Computing Sciences
St. Joseph's College (Autonomous)
Tiruchirappalli-620 002.

DEPARTMENT OF B.Sc. VISUAL COMMUNICATION

MINUTES OF THE BOARD OF STUDIES IN B.Sc. VISUAL COMMUNICATION HELD ON 06.06.2022

List of Members Present

1. Dr.S.T.Shankar, Assistant Professor, Dept of Visual Communication A.V.C. College, Mannampandal, Mailaduthurai – 609 305 - University Nominee
2. Mr. Dhinesh - Industrial Expert, Renish Photography
3. Dr. S. Tamilarasi - Head of the Department, Asst. Professor, Dept of Vis. Com. Tech, SJC
4. Mr.G.Sathish - Asst. Professor, Dept of Vis. Com. Tech, SJC
5. Ms. K.Ramya - Asst. Professor, Dept of Vis. Com. Tech, SJC
6. Mr.Aaron Antony - Asst. Professor, Dept of Vis. Com. Tech, SJC
7. Ms. SriMohanaPriiya - Asst. Professor, Dept of Vis. Com. Tech, SJC
8. Mr. Murugavel - 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 Department of Visual Communication on 06.06.2022 at 12.00 p.m. to make correction in the revisedsyllabus 2021 of B.Sc Visual Communication. The members present in the meeting are:

Experts Present were:

1. Dr.S.T.Shankar - University Nominee
2. Mr. Renish - Industrial Expert

Dr.S.Tamilarasi, Head in charge, Department of Visual Communication Technology formally welcomed the gathering and presented the corrected B.Sc Syllabus pattern 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. The Paper on “Online Journalism” in the I semester can be replaced with the paper “Visual Art” particularly focused on Indian Arts.
2. In the paper on “Photography”, a unit on product photography can be restructured.

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.

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 replacing of the paper “Online Journalism” with “Visual Art” and also restructure the unit on product photography in the paper “Photography”.

B.Sc. Visual Communication								
PROGRAMME STRUCTURE								
Course Details						**Scheme of Exams**		
Sem	**Part**	**Course Code**	**Course Title**	**Hrs**	**Cr**	**CIA**	**SE**	**Final**
I	1	21UTA11GL01	General Tamil - I	4	3	100	100	100
		21UFR11GL01	French-I					
		21UHI11GL01	Hindi-I					
		21USA11GL01	Sanskrit-I					
	2	21UEN12GE01	General English -I	5	3	100	100	100
	3	21UVC13CC01	Introduction to Visual Communication	5	3	100	100	100
		21UVC13CC02	Basics of Advertising	4	3	100	100	100
		21UVC13CP01	Media Presentation Skills	4	2	100	100	100
		21UVC13AC01	**Allied:** Graphic Design	4	2	100	100	100
		21UVC13AP01	**Allied Practical:** Graphic Design	2	2	100	100	100
	4	21UHE14VE01	Essentials of Humanity	2	1	50	50	50
		21UEN14AE01	**AECC -1:** Communicative English	(6)	4	100	-	100
			Total	**30**	**23**			
II	1	21UTA21GL02	General Tamil - II	4	3	100	100	100
		21UFR21GL02	French-II					
		21UHI21GL02	Hindi-II					
		21USA21GL02	Sanskrit-II					
	2	21UEN22GE02	General English –II	5	3	100	100	100
	3	21UVC23CC03	Media, Culture & Society	4	3	100	100	100
		21UVC23CC04	Online Journalism	3	2	100	100	100
		21UVC23CP02	Visual Literacy& Drawing	4	2	100	100	100
		21UVC23AC02	**Allied:** Photography	3	2	100	100	100
		21UVC23AP02	**Allied Practical:** Photography	3	2	100	100	100
	4	21UHE24AE02	**AECC -2:** Environmental Studies	2	2	50	50	50
		21UHE24VE02	Techniques of Social Analysis: Fundamentals of Human Rights	2	1	50	50	50
			Extra Credit Course (MOOC) – 1		**(2)**			
			Total	**30**	**20(2)**			
III	1	21UTA31GL03	General Tamil - III	4	3	100	100	100
		21UFR31GL03	French-III					
		21UHI31GL03	Hindi-III					
		21USA31GL03	Sanskrit-III					
	2	21UEN32GE03	General English –III	5	3	100	100	100
	3	21UVC33CC05	Writing For Mass Media	4	3	100	100	100
		21UVC33CC06	Mass Communication Theories	3	2	100	100	100
		21UVC33CP03	Computer Graphics	4	2	100	100	100
		21UVC33AO03A	**Allied Optional :**Documentary Film making	4	2	100	100	100
		21UVC33AO03B	**Allied Optional :**Digital Marketing					
		21UVC33AP03A	**Allied Optional Practical :**Documentary Film making	2	2	100	100	100
		21UVC33AP03B	**Allied Optional Practical:** Digital Marketing					
	4	21UVC34SE01	**SEC-1(WD):** Video Editing	2	1	100	-	100
		21UHE34VE03A	Professional Ethics–I: Social Ethics – I	2	1	50	50	50
		21UHE34VE03B	Professional Ethics I: Religious Doctrine- I					
			Extra Credit Course (MOOC) – 2		**(2)**			
			Total	**30**	**19(2)**			

IV	1	21UTA41GL04B	Scientific Tamil (SBS, SPS,SCS)	4	3	100	100	100
		21UFR41GL04	French – IV					
		21UHI41GL04	Hindi – IV					
		21USA41GL04	Sanskrit – IV					
	2	21UEN42GE04	General English – IV	5	3	100	100	100
	3	21UVC43CC07	News Production	4	3	100	100	100
		21UVC43CC08	Visual Analysis Techniques	4	2	100	100	100
		21UVC43CP04	Elements of Film	3	2	100	100	100
		21UVC43AO04A	**Allied Optional :**Script Writing	4	3	100	100	100
		21UVC43AO04B	**Allied Optional :**Magazine Production					
		21UVC43AP04A	**Allied Practical :** Script Writing	2	1	100	100	100
		21UVC43AP04B	**Allied Practical:** Lab Journal					
	4	21UVC44SE02	**SEC-2 (BS):** Desktop Publishing	2	1	100	-	100
		21UHE44VE04A	Professional Ethics II : Social Ethics – II	2	1	50	50	50
		21UHE44VE04B	Professional Ethics II: Religious Doctrine- II					
			Total	**30**	**19**			
V	3	21UVC53CC09	Media Laws and Ethics	5	3	100	100	100
		21UVC53CC10	Media Research Orientation	5	3	100	100	100
		21UVC53CP05	Introduction to 2D	4	2	100	100	100
		21UVC53ES01A	**DSE-1:** Television Production	5	3	100	100	100
		21UVC53ES01B	**DSE-1:** Professional Photography					
		21UVC53ES02A	**DSE-2:** Radio Production	5	3	100	100	100
		21UVC53ES02A	**DSE-2:** Sound Designing					
		21UVC53IS01	Internship (Summer)	-	2	100	-	100
		21UVC53SP01	**Self-Paced Learning:** Jingle Production	-	2	50	50	50
		21UVC53FV01	Field study/ Industrial visit/Case study	-	1	100	-	100
	4	21USS54SE03	**SEC-3:** Soft Skills	2	1	100	-	100
		21UVC54EG01	**GE-1:**Media Education	4	3	100	100	100
			Extra Credit Course (MOOC)- 3		**(2)**			
			Total	**30**	**23(2)**			
VI	3	21UVC63CC11	Media Industrial Practice	5	3	100	100	100
		21UVC63CC12	Portfolio	4	2	100	100	100
		21UVC63CP06	Web Designing	5	3	100	100	100
		21UVC63ES03A	**DSE-3:**Media Management	4	3	100	100	100
		21UVC63ES03B	**DSE-3:** Women and Media					
		21UVC63ES04A	**DSE-4:**Public Relations	5	3	100	100	100
		21UVC63ES04B	**DSE-4:** Development Communication					
		21UVC63PW01	Project Work & Viva-Voce	1	2	100	100	100
		21UVC63CE01	Comprehensive Examination	-	2	50	50	50
	4	21UVC64SE04	**SEC-4(WS):** Event Management	2	1	100	-	100
		21UVC64EG02	**GE-2:** Digital Media Production	4	3	100	100	100
			Total	**30**	**22**			
	V	21UCW65OR01	Outreach programme (SHEPHERD)		4			
			TOTAL	**180**	**130(6)**			

DEPARTMENT OF B.Voc. VISUAL COMMUNICATION TECHNOLOGY

MINUTES OF THE BOARD OF STUDIES IN B.Voc. VISUAL COMMUNICATION TECHNOLOGY HELD ON 06.06.2022

List of Members Present

1. Dr. S.T.Shankar
   Asst. Professor, Dept of Visual Communication
   A.V.C. College, Mannampandal,
   Mailaduthurai – 609 305 - University Nominee

2. Mr. Dhinesh - Industrial Expert, Renish Photography
3. Dr. S. Tamilarasi - Head of the Department,
   Asst. Professor, Dept of Vis. Com. Tech, SJC
4. Mr. G.Sathish - Asst. Professor, Dept of Vis. Com. Tech, SJC
5. Ms. K.Ramya - Asst. Professor, Dept of Vis. Com. Tech, SJC
6. Mr. Aaron Antony - Asst. Professor, Dept of Vis. Com. Tech, SJC
7. Ms. SriMohanaPriiya - Asst. Professor, Dept of Vis. Com. Tech, SJC
8. Mr. Murugavel - 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 Department of Visual Communication on 06.06.2022 at 1.00 p.m. to make correction in the revised syllabus 2021 of B.Voc. Visual Communication Technology. The members present in the meeting are:

Experts Present were:

1. Dr. S.T.Shankar - University Nominee
2. Mr. Renish - Industrial Expert

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

The Board Members accepted the presented syllabus as such.

Action taken on the suggestions:

Already existing syllabus will be continued for the next academic year.

BOARD OF STUDIES MEETING - HELD ON 06-06-2022 DEPARTMENT OF VIS.COM TECHNOLOGY St. JOSEPH'S COLLEGE(AUTONOMOUS) TIRUCHIRAPPALLI -620002		
S.No.	**Name and address**	**Signature**
1.	Dr. S. T. Shankar, Assistant Professor, Dept. of Visual Communication, A.V.C. College, Mannampandal, Mailaduthurai – 609 305 **(University Representative)**	06/06/2022
2.	Dr. Fr. A. Irudhayaraj, SJ, Head, Dept of Visual Communication, Loyola College, Chennai. E-mail: iruraj2020@gmail.com Mobile: 9443864471 **(Subject Expert)**	
3.	Mr. Dhinesh, Renish Photography, Trichy. E-mail: renishphotography@gmail.com Mobile: 8122369247	
4.	Dr. S. Tamilarasi	
5.	Mr.G.Sathish	
6.	Ms. K. Ramya	
7.	Mr.P.Aaron Antony	
8.	Ms.N.SriMohanaPriya	
9.	Mr.C.Murugavel	

Dr. Y. DOMINIC
Dean-School of Computing Sciences
St. Joseph's College (Autonomous)
Tiruchirappalli-620 002.

CO-ORDINATOR
B. Voc. PROGRAMME
DEPT. OF VISUAL COMMUNICATION TECHNOLOGY
ST.JOSEPH'S COLLEGE (AUTONOMOUS)
TIRUCHIRAPPALLI - 620 002

DEPARTMENT OF B.Voc. SOFTWARE DEVELOPMENT & SYSTEM ADMINISTRATION

MINUTES OF THE BOARD OF STUDIES IN B.Voc. SOFTWARE DEVELOPMENT AND SYSTEM ADMINISTRATION HELD ON 06.06.2022

List of Members present:

S. No.	Name	Designation
1.	Mr. P. Saravanan	II M.Sc. Data Science, St. Joseph's College , Tiruchirappalli. **(Student Representative)**
2.	Dr. George Gabriel Richard Roy	Coordinator, Department of B. Voc. SD & SA, Assistant Professor, Department of Information Technology, St. Joseph's College
3.	Mr. S. Lakshmanan	Assistant Professor, Department of B. Voc. SD & SA, St. Joseph's College.
4.	Mr . R. Selvakumar	Assistant Professor, Department of B. Voc. SD & SA, St. Joseph's College.
5.	Ms . B . Geno Cinthia	Assistant Professor,Department of B. Voc. SD & SA, St. Joseph's College.
6.	Ms. J. Francis Julee Rajam	Assistant Professor, Department of B. Voc. SD & SA, St. Joseph's College.

The Board of Studies meeting of B. Voc. SD & SA department was held on 06-06-2022at 12.00 pm.

The meeting commenced with a silent prayer. The coordinator of the departmentbriefed the members about the academic activities and newly changed subjects in the syllabus.

Suggestions and views received:

The following suggestions were discussed

- The old Level 6 NSQF Qualification Pack was deprecated so it was suggested to change the NSQF QP
- It was decided by the department to have Level 6 – Web and Application Development – User Experience
- User Experience using LEAN UX was suggested to be included in Semester III
- In Semester IV the syllabus UNIX and LINUX Operating System was decided to be clubbed with Operating System which was in Semester III

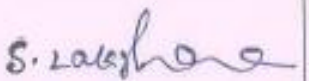
After the end of discussions, the meeting winded up at 2.00 pm

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 2nd and 4th unit
Data Science using Python	Title has been modified and Flask framework has been included
Java Programming	Reduced content in 3rd and 5th unit
PHP & MYSQL	Added LaravelFramework

BOARD OF STUDIES MEETING - HELD ON 06-06-2022 DEPARTMENT OF B.Voc. SD & SA St. JOSEPH'S COLLEGE(AUTONOMOUS) TIRUCHIRAPPALLI -620002		
S. No.	**Name and address**	**Signature**
1.	Dr. D. Smitha Evelin Zoraida, Assistant Professor, Dept. of Computer Science, Bharathidasan University, Tiruchirappalli – 620 024 **(University Representative)**	
2.	Dr. V. Selvi, Assistant Professor, Dept. of Computer Science, Mother Teresa Women's University, Kodaikanal. E-mail: selvigiri.s@gmail.com Mobile: 9442648983 **(Subject Expert)**	
3.	Mr. I. Johnson, CEO, Shalom Info Tech, Techno Park, Bharathidasan University Tiruchirappalli – 620 023. E-mail: johnson@shalominfotech.com Mobile: 9345122554	
4.	Mr. P. Saravanan, III Bvoc (sd&sa) St. Joseph's College (Autonomous), Tiruchirappalli – 620 002 E-mail:saravananjahan@gmail.com Mobile:8190948816 **(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 (Autonomous), Tiruchirappalli – 620 002 E-mail: georgegabrielrichardroy_it2@mail.sjctni.edu Mobile: 9994289769	

6.	Mr. S. Lakshmanan Assistant Professor, Department of B.Voc (SD & SA) St. Joseph's College (Autonomous), Tiruchirappalli – 620 002 E-mail: lakshmanan_ss1@mail.sjctni.edu Mobile: 9600337354	
7.	Mr. R. Selvakumar Assistant Professor, Department of B.Voc (SD & SA) St. Joseph's College (Autonomous), Tiruchirappalli – 620 002 E-mail: selvakumar_ss1@mail.sjctni.edu Mobile: 9943841648	
8.	Ms. B. Geno Cinthia Assistant Professor, Department of B.Voc (SD & SA) St. Joseph's College (Autonomous), Tiruchirappalli – 620 002 E-mail: genocinthia_ss1@mail.sjctni.edu Mobile: 9942039579	
9.	Ms. J. Francis Julee Rajam Assistant Professor, Department of B.Voc (SD & SA) St. Joseph's College (Autonomous), Tiruchirappalli – 620 002 E-mail: francisjuleerajam_ss1@mail.sjctni.edu Mobile: 9500843868	

DEPARTMENT OF MANAGEMENT STUDIES

MINUTES OF THE BOARD OF STUDIES IN MANAGEMENT STUDIES HELD ON 06.06.2022

Please be informed that our board of studies meeting was held on April2, 2022. Two external experts viz.,

1**. Dr. R. Subramanian**, Adjunct Faculty, Bharathidasan Institute of Management, Trichy and

2. **Dr. Mariappan**, Associate Professor, Department of Mathematics, Bishop Heber College, Trichy

were present in the meeting along with the faculty of JIM.

The meeting, running for the entire day, discussed in length the structure and the course content. Suggestions were made to incorporate new themes in alignment with the changing business dynamics, post covid. Subsequently, the changes were made.

I am attaching the syllabus for the academic year 2022 – 2024 for placing the same before the Academic Council of our college. A copy of the same is marked to the Principal for his perusal.

Course Structure for the Two-Year MBA Programme @ JIM -Batch of 2022-2024

With significant changes happening in industry due to a variety of factors ranging from covid to digitization of business to geopolitics, JIM knew its responsibility of reconstructing its syllabus. The objective was to reframe the syllabus keeping in mind with the employment opportunities on one hand and the holistic development of our students on the other.

An academic advisory committee was put in place for the first time in JIM to study our past syllabi, the teaching-learning process, the key takeaways for the students and how it engineered for placements and entrepreneurial vocation. Simultaneously, our faculty and two external experts (Board of Studies) worked as a team for the past two months, examined the syllabi/contents, teaching - learning process and how it led to holistic growth of the students on all parameters.

Based on a through discussion of the two – Academic Advisory Committee and Board of Studies, we have evolved the following course structure which is found below.

Core courses

1. All core courses in the first year and second year carrying 3 credits are mandatory including Shepherd, Business Communication (Workshop) and Outbound training. Grade Certificates will be given for the non-credit courses based on the merit of the students. Grades will be highly satisfactory, satisfactory and not satisfactory. Students who are found not satisfactory in any non-credit course will have to repeat the non-credit course in the following semester.

Specialization courses

1. The students will have to specialize in two (dual) functional areas of their choice, in the second year.
2. Students will take 3 courses of 3 credits and 1 course of 1.5 credits from the two functional (specialization) areas. Thus, in the third semester and fourth semester, a student will have to earn 21 credits in each semester totaling 42 credits in the specialization area.
3. Any course in the specialization area will be offered only when there is a minimum of 25 students enrolled.

Others

1. Summer Internship Placement
   Students have to undergo eight (8) week internship (SIP) with a company of repute during the time period fixed by the institute. Failure to do complete the SIP will entail him/her to do the following year. SIP carries a weightage of 5 credits.

2. Project and Dissertation
   Students will have to do a project in their interested areas during the days fixed by the institute during the fourth semester.

3. Comprehensive Viva-Voce.
   During the end of the fourth semester, the students will attend a viva -voce and be tested on the core areas of management and emerging trends. Comprehensive Viva-Voce carries a weightage of 2 credits.

For successful completion of MBA programme at JIM, a student should have to earn 108 credits as given below

1. Core courses – Semester 1 - 24 credits
   Semester 2 - 24 credits
   Semester 3 - 6 credits
2. Specialization – Semester 3 - 21 credits
   Semester 4 - 21 credits
3. Summer Internship Placement - 5 credits
4. Project cum dissertation - 5 credits
5. Comprehensive Viva -Voce - 2 credits

Total **108 credits**

COURSE STRUCTURE FOR TWO - YEAR MBA PROGRAMME

2022–2024

		Title	Credits
I Semester		Personal Growth Lab (To be offered before the start the Programme)	
	22PBA1101	Business, Government & Society	3
	22PBA1102	Managerial Economics	3
	22PBA1103	Financial Statement Analysis	3
	22PBA1104	OrganizationalBehaviour	3
	22PBA1105	Quantitative Techniques	3
	22PBA1106	Business Communication	3
	22PBA1107	Spreadsheet for Managers	3
	22PBA1108	Introduction to Business Analytics	3
		Shepherd	
		Total	**24**
II Semester	22PBA2109	Financial Management	3
	22PBA2110	Marketing Management	3
	22PBA2111	Human Resource Management	3
	22PBA2112	Management Information Systems	3
	22PBA2113	Operations and Decision Making	3
	22PBA2114	Business Statistics	3
	22PBA2115	Innovation and Entrepreneurship	3
	22PBA2116	Corporate Ethics and Legal Aspects of Business	3
		Business Communication (Workshop)	
		Out Bound Training (3 Days)	
		Total	**24**

III Semester	22PBA3117	Global Strategy	3
	22PBA3118	Business Research	3
	22PBA3119	Summer Internship Placement (8 Weeks)	5
		Electives	21
		Total	**32**
IV Semester	22PBA4120	Project & Dissertation (3 Weeks)	5
	22PBA4121	Comprehensive Examination	2
		Electives	21
		Total	**28**

Finance

		Title	**Credits**
III Semester	22PBA3101	Security Analysis	3
	22PBA3102	Derivatives Management – I	3
	22PBA3103	Banking & Financial Services	3
	22PBA3104	Accounting Analytics	3
	22PBA3105	Financial Modelling using Spreadsheet - I	1.5
	22PBA3106	Mutual Funds	1.5
IV Semester	22PBA4101	Portfolio Management	3
	22PBA4102	Derivatives Management – II	3
	22PBA4103	Financial Modelling using Spreadsheet - II	3
	22PBA4104	Business Valuation	3
	22PBA4105	Personal Finance	1.5
	22PBA4106	Enterprise Risk Management	1.5

Marketing

		Title	**Credits**
III Semester	22PBA3201	Product and Brand Management	3
	22PBA3202	Services Marketing	3
	22PBA3203	Digital Marketing	3
	22PBA3204	Business to Business Marketing	3
	22PBA3205	Marketing of Financial Products & Services	1.5
	22PBA3206	Influencer Marketing	1.5
IV Semester	22PBA4201	Sales and Distribution Management	3
	22PBA4202	Retail Management	3
	22PBA4203	Marketing Analytics	3
	22PBA4204	International Marketing	3
	22PBA4205	Rural Marketing	1.5
	22PBA4206	Direct to Consumer Marketing	1.5

HR

		Title	**Credits**
III Semester	22PBA3301	Talent Acquisition	3
	22PBA3302	Learning and Development	3
	22PBA3303	Labour Codes I	3
	22PBA3304	Learning Organizations	3
	22PBA3305	People Analytics	1.5
	22PBA3306	Team Management	1.5

IV Semester	22PBA4301	Performance & Compensation Management	3
	22PBA4302	Organizational Change & Development	3
	22PBA4303	Labour Codes II	3
	22PBA4304	Cross Cultural Management	3
	22PBA4305	Negotiation Management	1.5
	22PBA4306	Talent Management	1.5

IT & Analytics

		Title	**Credits**
III Semester	22PBA3401	Machine Learning using Python	3
	22PBA3402	Data Mining and Data Warehousing	3
	22PBA3403	Big Data Analytics	3
	22PBA3404	Software Engineering	3
	22PBA3405	Structured Query Language (SQL)	1.5
	22PBA3406	Digital Commerce	1.5
IV Semester	22PBA4401	Deep Learning & Artificial Intelligence	3
	22PBA4402	Digital Analytics	3
	22PBA4403	Block Chain and Business Applications	3
	22PBA4404	Cyber Security	3
	22PBA4405	Data Visualization	1.5
	22PBA4406	Emerging Technologies	1.5

Supply Chain Management

		Title	**Credits**
III Semester	22PBA3501	Principles of Supply Chain Management	3
	22PBA3502	Supply Chain Data Management Analysis	3
	22PBA3503	Statistical Quality Control	3
	22PBA3504	Advanced Mathematical Techniques for Supply Chain Management	3
	22PBA3505	Lean Six Sigma	1.5
	22PBA3506	Digital Supply Chain Management	1.5
IV Semester	22PBA4501	Global Supply Chain Management	3
	22PBA4502	Service Process Management	3
	22PBA4503	Project Management	3
	22PBA4504	Python Programming	3
	22PBA4505	Tora Package	1.5
	22PBA4506	Introduction to Data Envelopment Analysis	1.5

Credit Distribution

S.NO.	**Semester**	**Core**	**Electives**	**Total**
1	I	24	-	24
2	II	24	-	24
3	III	6 + 5 (SIP)	21	32
4	IV	5 (Project)+ 2 (Comprehensive Viva)	21	28
TOTAL		66	42	108

RATIFICATION – 1

Based on the recommendation of the committee constituted by father Principal, the following question patterns are followed from the second semester of 2021- batch, and it is presented for the approval of the Academic Council.

Knowledge levels for assessment of Outcomes based on Blooms Taxonomy

S. No.	Level	Parameter	Description
1	K1	Knowledge/Remembering	It is the ability to remember the previously learned
2	K2	Comprehension/ Understanding	The learner explains ideas or concepts
3	K3	Application/Applying	The learner uses information in a new way
4	K4	Analysis/Analysing	The learner distinguishes among different parts
5	K5	Evaluation/Evaluating	The learner justifies a stand or decision
6	K6	Synthesis /Creating	The learner creates a new product or point of view

WEIGHTAGE of K – LEVELS IN QUESTION PAPER

(Cognitive Level) K- LEVELS →	Lower Order Thinking			Higher Order Thinking			Total %
	K1	K2	K3	K4	K5	K6	
SEMESTER EXAMINATIONS	15	20	35	30			100
MID / END Semester TESTS	12	20	35	33			100

QUESTION PATTERN FOR SEMESTER EXAMINATION	
SECTION	MARKS
SECTION–A (No choice ,One Mark) THREE questions from each unit (15x1 =15)	15
SECTION-B (No choice ,2-Marks) TWO questions from each unit (10x2 =20)	20
SECTION-C (Either/or type) (7- Marks) ONE question from each unit (5x7 =35)	35
SECTION-D (3 out of 5) (10 Marks) ONE question from each unit (3x10 =30)	30
Total	100

BLUE PRINT OF QUESTION PAPER FOR SEMESTER EXAMINATION							
DURATION: 3. 00 Hours.						Max Mark : 100	
K- LEVELS / SECTIONS	K1	K2	K3	K4	K5	K6	Total Marks
SECTION–A (One Mark, No choice) (15x1 =15)	15						15
SECTION-B (2-Marks, No choice) (10x2=20)		10					20
SECTION-C (7- Marks) (Either/or type) (5x7=35)			5				35
SECTION-D (10 Marks) (3 out of 5) (3x10=30) Courses having only K4 levels				3			30
Courses having K4 and K5 levels One K5 level question is compulsory				2	1		
(Courses having all the 6 cognitive levels One K5 and K6 level questions can be compulsory				1	1	1	
Total	15	20	35	30			100

Continuous Internal Assessment

QUESTION PATTERN FOR MID/END TEST		
SECTION		MARKS
SECTION–A (No choice, One Mark)	(7x1 =7)	7
SECTION-B (No choice , 2-Marks)	(6x2 =12)	12
SECTION-C (Either/or type) (7- Marks)	(3x7 =21)	21
SECTION-D (2 out of 3) (10 Marks)	(2x10=20)	20
	Total	60

BLUE PRINT OF QUESTION PAPER FOR MID/END TEST							
DURATION: 2. 00 Hours.						Max Mark: 60.	
K- LEVELS→	K1	K2	K3	K4	K5	K6	Total Marks
SECTIONS↓							
SECTION –A (One Mark, No choice) (7 x 1 = 7)	7						07
SECTION-B (2-Marks, No choice) (6 x 2 = 12)		6					12
SECTION-C (Either/or type) (7- Marks) (3 x 7 =21)			3				21
SECTION-D (2 out of 3) (10 Marks) (2x10=20) Courses having only K4 levels				1			20
Courses having K4 and K5 levels One K5 level question is compulsory				1	1		
Courses having all the 6 cognitive levels One K6 level question is compulsory					1	1	
Total Marks	07	12	21	20			60
Weightage for 100 %	12	20	35	33			100

QUESTION PATTERN FOR SEMESTER EXAMINATION for Quantitative Papers only	
SECTION	MARKS
SECTION–A No choice, One Mark TWO questions from each unit. (10x1 =10)	10
SECTION-B Either/or type, 6-Marks ONE questions from each unit. Three questions at K2 Level and two questions at K3 Level. (5x6 =30)	30
SECTION-C (4 out of 5) (15- Marks) ONE question from each unit One question at K3 Level and Three questions at K4,K5 &K6 Levels. (4x15 =60)	60
Total	100

SEMESTER EXAMINATION - for Quantitative Papers only							
DURATION: 3. 00 Hours						Max Mark : 100	
K- LEVELS / SECTIONS	K1	K2	K3	K4	K5	K6	Total Marks
SECTION –A (One Mark, No choice) Two questions from each unit (10x1=10)	10						10
SECTION-B (Either/or type) (6- Marks)One question from each unit (5x6=30)		3	2				30
SECTION-C (4 out of 5) (15 Marks) One question from each unit (4x15=60)			1	2	1		60
Total	10	18	27	30	15		100

MID/END TEST (For Quantitative Papers)							
DURATION: 2. 00 Hours.						Max Mark : 60	
K- LEVELS / SECTION	K1	K2	K3	K4	K5	K6	Total Marks
SECTION –A One Mark, No choice (9x 1 =9)	9						9
SECTION-B Either/or type (5 - Marks) (3x5=15)		2	1				15
SECTION-C (3 out of 4) (12 Marks) (3x12=36)			1	2			36
Total	9	10	17	24			60

Assessment pattern for two credit courses.

S. No.	Course Title	CIA	Semester Examination	Total Marks
1	Self Paced Learning Course	25 + 25 = 50	50 Marks (MCQ) (COE)	100
2	Comprehensive Examinations	25 +25 = 50	50 Marks (MCQ) (COE)	100
3	Internship	100	--	100
4	Field Visit	100	--	100
5	Ability Enhancement Course (AEC) for PG	50 (Three Components)	50 (COE) Specific Question Pattern	100
Assessment Pattern for Courses in Part - IV				
6	Value Education Courses and Environmental Studies	50	50 Marks (For 2.00 hours) (COE)	100
7	Skill Enhancement Courses(SECs)	50 marks (by Course in-charge) 50 Marks (by an External member from the Department)		100
8	SEC: SOFT SKILLS (For UG and PG)	100	(Fully Internal)	100

RATIFICATION - 2

CIA Pattern - Self-Paced Courses

The Self-Paced courses of the I PG Programmes were to be launched on JosTEl, the Learning Management System of the college, and in this regard, it was proposed by the IQAC that the existing CIA pattern of these courses shall be changed, and the proposal was communicated to Fr.Principal, Controller of Examinations and Deans. The existing CIA pattern of Self-paced courses (2x25=50) was to be changed to 5x10=50. The change was to be ratified in the forthcoming Academic Council Meeting.

ANY OTHER ACADEMIC MATTER

IQAC has conducted the following events

i) 20 Courses (20 Self-Paced and 10 Value Added Courses) were launched on JosTEL, the Learning Management System of the College.

ii) Annual Academic Audit for the academic year 2021-22 on 7th ,9th ,11th and 14th June 2022

iii) Staff evaluation by students, Student Satisfaction Survey, Exit Poll and School System Evaluation on 1st ,2nd and 3rd June 2022

iv) Parent – Teacher Meet on 4th June 2022

v) Inventory Audit on 15th June 2022

vi) Alumni and Employer Feedback

The suggestions given by the various stakeholders were analysed and given to Rev. Fr. Principal for further action.