



AQAR 2021-22

1.1 Curriculum Design and Development

1.1.2 Statistics – Board of Studies



DEPARTMENT OF STATISTICS 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.

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Minutes of the Board of Studies Meeting

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

List of Members attended the meeting :

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

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

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

MINUTES OF THE MEETING FROM BoS

No. of Local Members Present : 4

No. of Local Members Absent : 1

External Members Present : 3

External Members Absent : 1

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

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

Lilly

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QUESTION PAPER PATTERN (Four Tier) General Model

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

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

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Attendance Sheet
Board of Studies Meeting -18.05.2021

Timestamp	E-Mail Id	Name	Designation	Department	Name of the Institution
5-18-2021 12:37:27	tjaisankar@gmail.com	Dr. T. Jai Sankar	Assistant Professor and Head	Statistics	Bharathidasan University
5-18-2021 12:51:08	venkatesan_st1@mail.sjctni.edu	Dr.T.VENKATESAN	ASSISTANT PROFESSOR	STATISTICS	ST.JOSEPH'S COLLEGE
5-18-2021 12:59:01	ljoseph@elucidatenow.com	Lawrence Joseph	Chief Executive Officer	Analytics	Quantitative Research Consulting Private Limited
5-18-2021 12:59:30	glorypersial@gmail.com	Dr. J. Glorypersial	Assistant Professor	Statistics	St. Joseph's College
5-18-2021 12:59:33	Vijayakumar_st1@mail.sjctni.edu	Dr. R. Vijayakumar	Assistant Professor	Statistics	St. Joseph's College
5-18-2021 13:04:22	stat.gac.cbe@gmail.com	Dr.S.RAVISANKAR	Assistant Professor	Statistics	Government Arts College
5-18-2021 13:06:40	lillygeorge_st1@mail.sjctni.edu	Dr. Lilly George	Assistant Professor and Head	Statistics	St. Joseph's College

Address of the Institution	Panel Members	Mobile Number
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St. Joseph's College, Tiruchirappalli - 2	Internal	9944452400
Trichy-02	Internal	9964231664
Coimbatore-641018.	Subject Expert	9842007798
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