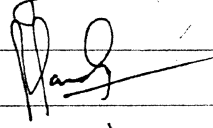
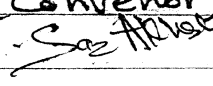
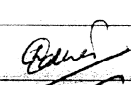
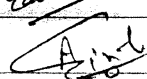


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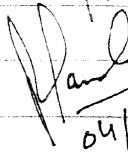
A meeting of Board of Studies in the subject of Statistics was held on 4th May '2022 at 11am. in JP Sabhagar^{Khandani}. The following members were present

1. Dr. Rajeev Pandey (Expert) 
2. Dr. Namita Srivastava (Convener)
3. Dr. Anil Vashistha
4. Dr. Sanjay Jain 
5. Dr. Sunil Pathak 
6. Dr. Alok Kumar 

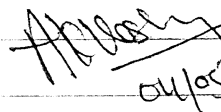
The meeting was called to decide the course title for 4th and 5th year of M.Sc. Statistics (.Semesterwise) Syllabus.

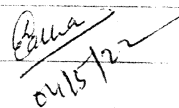
It is recommended by the committee to adopt the M.Sc. (Statistics) structure under NEP-2020 in accordance with the syllabus as framed by Institute of Social Sciences, DBRAU, Agra.

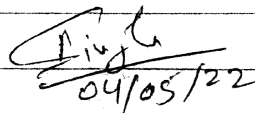
The minor modifications have been incorporated in the ibid syllabus and accordingly recommend to be implemented from the academic session 2022-23.

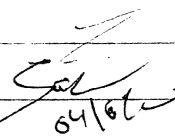

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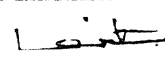
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Note: A copy of the course structure of M.Sc (Statistics) as framed above is also handed over to the Director of ISS. 

Program: M.Stat./M.Sc.(Statistics)

(Designed under NEP 2020 and based on CBCS)

(Effective from academic year 2022-23)

Duration: 4 Semesters/2 years

Total Credits: 100

Minimum Credits: I&II Sem.(first year): 52 credits + III&IV Sem.: 48 Credits

Total Credits = 100

First year Exit: Min 52 credits: **B.Sc.(Research) in Statistics**

Second year completion: Min 100 credits: **M.Stat./M.Sc.(Statistics)**

Semester I

Major & Minor Courses

S. No	Course No.	Course Title	Minor for other Faculty	Credits	L:T:P	Internal	External	Teaching Hours
1	STAT-101	Real Analysis & Matrix Algebra		4	3:1:0	25	75	60 hours
2	STAT-102	Probability and Distribution Theory		4	3:1:0	25	75	60 hours
3	STAT-103	Sampling Theory	Minor	4	3:1:0	25	75	60 hours
4	STAT-104	Computer Science	Minor	4	3:1:0	25	75	60 hours
5	STAT-105	Practical		4	0:0:4	---	100	120 hours
Minor Elective: Other Faculty (to be completed in I or II semester)								
6		The students may choose this course from a list given below or from a list provided by the university*/ College		4/5/6	3:1:0	25	75	60 hours/ 75 hours/ 90 hours
Major: Industrial Training/Survey/Research Project								
8	STAT-RP01	Research Project Work		4		100	---	120 hours

Semester II

Major & Minor Courses

S. No.	Course No.	Course Title	Minor for other Faculty	Credits	L:T:P	Internal	External	Teaching Hours
1	STAT-201	Statistical Inference		4	3:1:0	25	75	60 hours
2	STAT-202	Linear Estimation Design of Experiments		4	3:1:0	25	75	60 hours
3	STAT-203	Multivariate Analysis		4	3:1:0	25	75	60 hours
4		Elective-I	Minor	4	3:1:0	25	75	60 hours
5	STAT-207	Practical		4	0:0:4	---	100	120 hours

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List of Elective Courses			Major/Minor				
STAT-204(E)	Data Analysis using SPSS	Minor Elective for other faculty and value Added Courses					
STAT-205(E)	Data Analysis using R	Minor Elective for other faculty and value Added Courses					
STAT-206(E)	Data Analysis using Python	Minor Elective for other faculty and value Added Courses					
Minor Elective: Other Faculty (to be completed in I or II semester)							
6	The students may choose this course from a list given below or from a list provided by the university*/College	4/5/6	3:1:0	25	75	60 hours/ 75 hours/ 90 hours	
Major: Industrial Training/Survey/Research Project							
7	STAT-RPO2	Research Project Work	4		---	100	120 hours

***Minor Elective**

1. Social Problems in India: Faculty of Arts
2. Sociology of Population Studies.: Faculty of Arts
3. NGO Management: Faculty of Arts
4. Disaster Management: Faculty of Arts

Note: The minor elective course chosen by the student will be decided by the department to be offered either in I semester or in the II semester.

Semester III

Major & Minor Courses

S. No.	Course No.	Course Title	Minor for other Faculty	Credits	L:T:P	Internal	External	Teaching Hours
1	STAT-301	Statistical Inference-II		4	3:1:0	25	75	60 hours
2	STAT-302	Operations Research	Minor	4	3:1:0	25	75	60 hours
3		Elective II	Minor	4	3:1:0	25	75	60 hours
4		Elective III	Minor	4	3:1:0	25	75	60 hours
5	STAT-308	Practical		4	0:0:4	---	100	120 hours
Major: Industrial Training/Survey/Research Project								
6	STAT-RPO2	Research Project Work		4		100	---	120 hours
List of Elective Courses			Major/Minor					
STAT-303(E)	1.	Data Mining	Minor Elective for other faculty and value Added Courses					
STAT-304(E)	2.	Population Studies	Minor Elective for other faculty and value Added Courses					
STAT-305(E)	3.	Medical Statistics	Minor Elective for other faculty and value Added Courses					
STAT-306(E)	4.	Off. Statistics	Minor Elective for other faculty and value Added Courses					
STAT-307(E)	5.	Eco. Metrics	Minor Elective for other faculty and value Added Courses					
STAT-308(E)	6.	Practical Statistics	Minor Elective for other faculty and value Added Courses					

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