

S.P.Mandali's

RAMNARAIN RUIA AUTONOMOUS COLLEGE, MUMBAI-19

Minutes of the online meeting of the Board of Studies in Statistics

Date: 31st March 2022

Time: 4.00pm

Venue: Online meeting on ZOOM app:

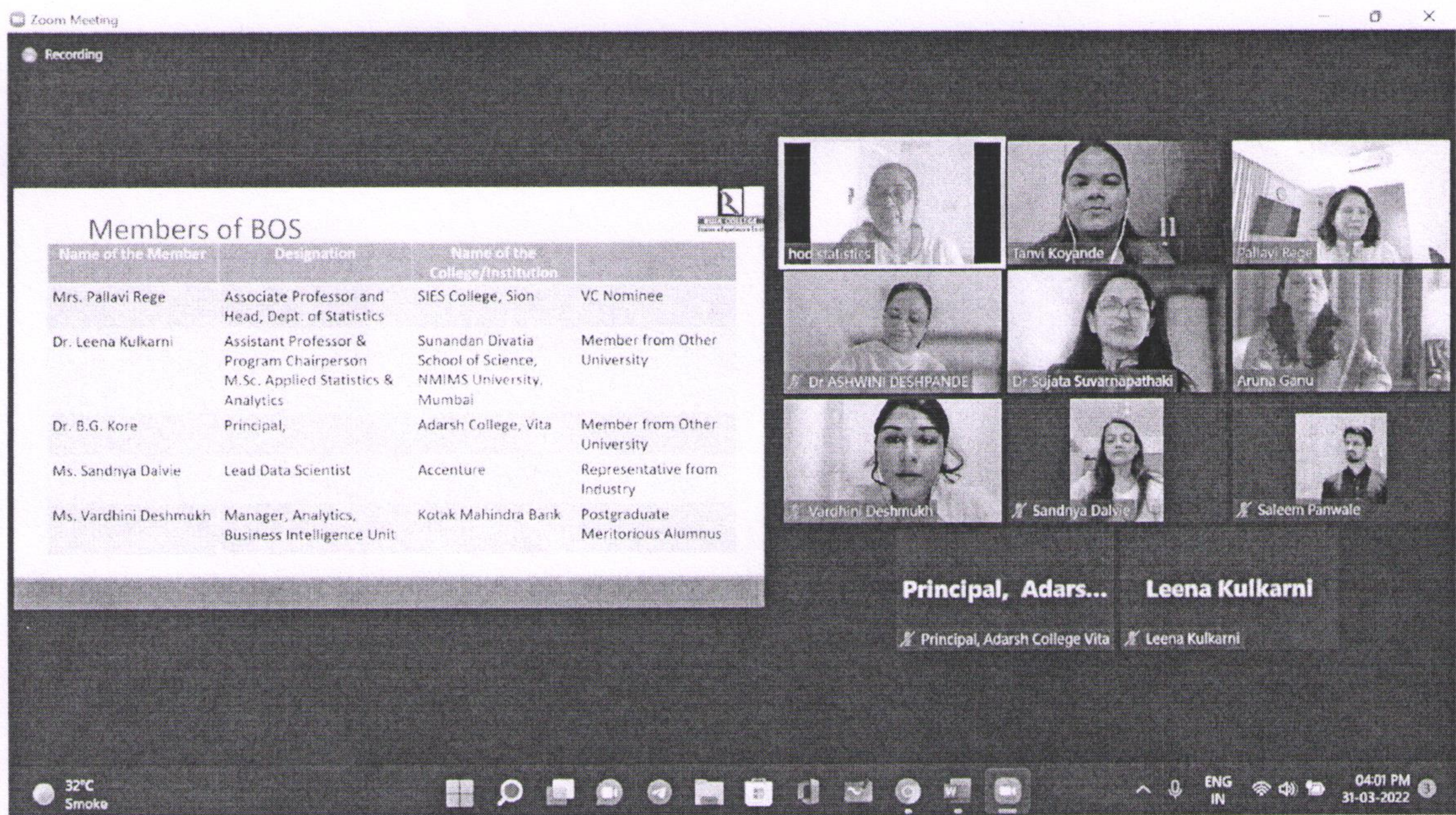
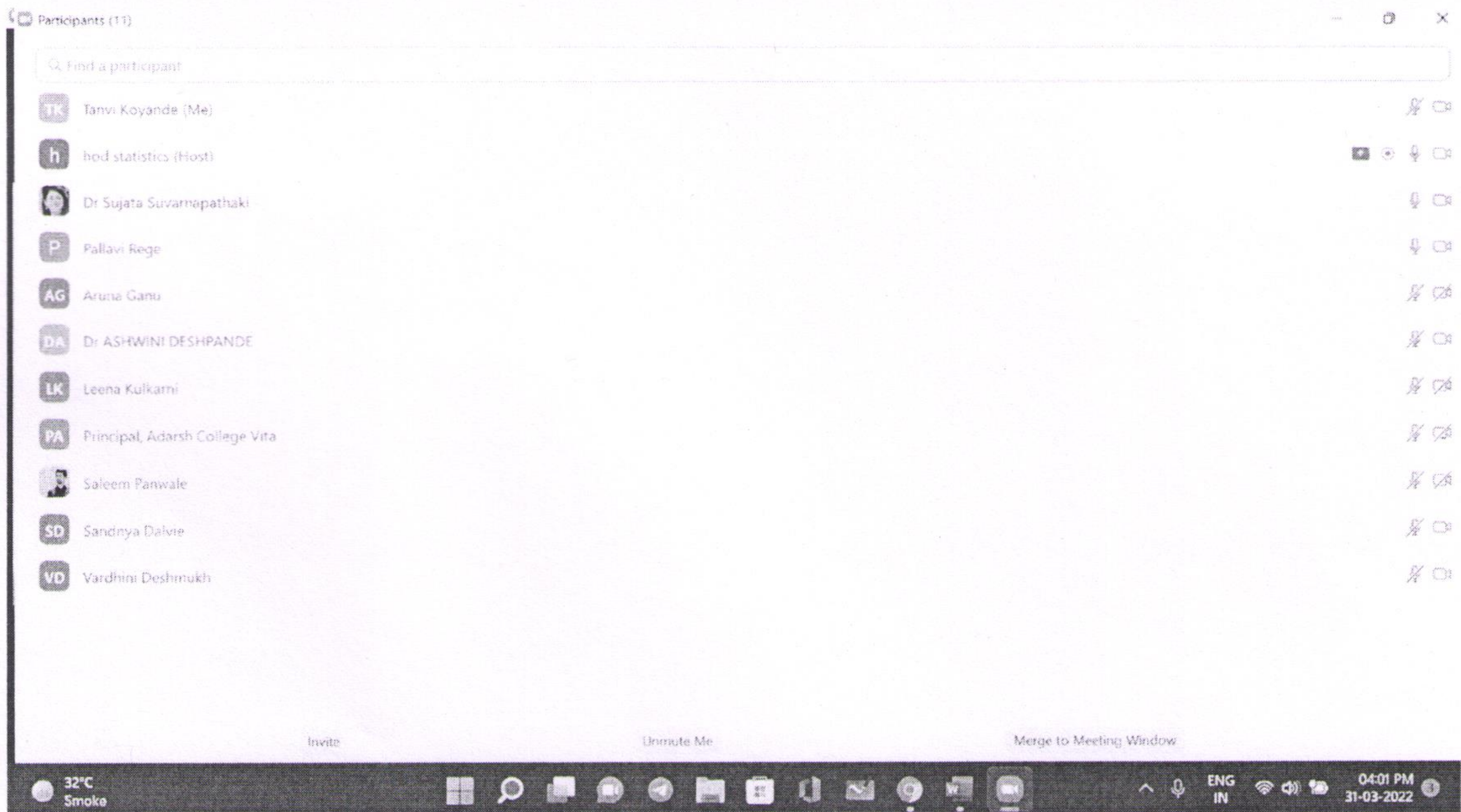
<https://us06web.zoom.us/j/85325321149?pwd=eEd5Sk5ObERNMlkwdEdNdFA5NVZ6UT0>

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Members Present:

Sr. No.	Name of the Member	Designation	Signature
1	Mrs. Pallavi Rege	Associate Professor and Head, Dept. of Statistics, SIES College, Sion	PRESENT
2	Dr. Leena Kulkarni	Assistant Professor & Program Chairperson, M.Sc. Applied Statistics & Analytics, Sunandan Divatia School of Science, NMIMS University, Mumbai	PRESENT
3	Dr. B.G. Kore	Principal, Adarsh College, Vita	PRESENT
4	Ms. Sandhya Dalvie	Lead Data Scientist, Accenture	PRESENT
5	Ms. Vardhini Deshmukh	Manager, Analytics, Business Intelligence Unit, Kotak Mahindra Bank	PRESENT
6	Dr. Sucheta Ketkar	Associate Professor and Head, Dept of Statistics	PRESENT
7	Dr. Sujata Suvarnapathki	Assistant Professor, Dept of Statistics	PRESENT
8	Dr. Ashwini Deshpande	Assistant Professor, Dept of Statistics	PRESENT
9	Mr. Saleem Panwale	Assistant Professor, Dept of Statistics	PRESENT
10	Mrs. Aruna Ganu	Assistant Professor, Dept of Statistics	PRESENT
11	Ms. Tanvi Koyande	Assistant Professor, Dept of Statistics	PRESENT





Dr. Sucheta Ketkar started the meeting by welcoming the new Board members. She introduced all the members to each other as well as all the faculty members to the board. Minutes of the previous Board meeting were approved by the new members. The approval of the same by the then members, already received by mail was also shown to the current board.



Agenda Item No. 1 To seek approval for the implementation of the Choice Based Credit System according to the UGC instructional template which includes the change in the total number of Credits for the Under Graduate program and also to classify the Courses as Core Courses, Ability Enhancement Courses, Skill Enhancement courses and to revise, if needed, the syllabi for FY/SY/TY BA / BSc for the academic year 2022-23.

DISCUSSED THAT:

- 1) Dr. Sucheta Ketkar explained the patterns of the subject combinations prevailing in FY SY and TY BA/BSc classes. She also explained the current distribution of units and the proposed distribution of units in detail.
- 2) Dr Leena Kulkarni asked about the addition to be made any in the syllabus as against the increase in number of credits.
- 3) Distribution of papers under Core/AECC/SEC/DSE was also discussed with the board members.
- 4) Dr. Sucheta Ketkar also put forth the proposed changes in the syllabus for the academic year 2022-23.
- 5) Ms Pallavi Rege supported removal of topics MGF, CGF and PGF from FY syllabus to avoid repetition.
- 6) She also supported to remove R software from the FY syllabus as the syllabus becomes more than 45 lectures distribution.
- 7) Dr. B.G. Kore suggested the addition of EXCEL in FY and SY syllabus.
- 8) Dr. Leena Kulkarni supported the removal of Application of LPP to Game Theory and concept of Posterior Analysis from Decision Theory in SY.
- 9) She also suggested that the introduction of Erlangian Model in Queueing Theory may not be well received by the students and a new substitute may be looked for.
- 10) Dr. B.G. Kore suggested the addition of Demography in one of the courses.

RESOLVED THAT:

- 1) Credits can be increased from 120 to 132.
- 2) Distribution of papers under Core/AECC/SEC/DSE types was proper.
- 3) MGF, CGF and PGF to be removed from FY syllabus to avoid repetition.
- 4) R software to be removed from the FY syllabus.
- 5) Application of LPP to Game Theory and concept of Posterior Analysis from Decision Theory to be removed from SY syllabus.
- 6) Addition of Demography to be considered in appropriate course if possible.
- 7) An alternative to Erlangian Model to be found by next meeting.

Agenda Item No. 2 To seek approval for the new certificate courses, SWAYAM, NPTEL Courses, if any.

DISCUSSED THAT:



- 1) Currently no courses are available on SWAYAM/ NPTEL portal.
- 2) A certificate course on R software and EXCEL can be started from 2023-24.
- 3) Ms Sandnya Dalvie suggested the course in Python programming and assured to help design the syllabus for the same.

RESOLVED THAT:

- 1) SWAYAM/ NPTEL courses can be suggested to students as and when they are declared on their portal.
- 2) A certificate course on R software and EXCEL can be started from 2023-24.
- 3) Ms Sandnya Dalvie will suggest the syllabus for a course in Python programming by next meeting.

Agenda Item No. 3 i) To decide on the changes in the modalities of assessment, if any, which includes the question paper pattern, for internal and semester end examination. (Theory/Practical, wherever applicable).

DISCUSSED THAT:

- 1) Dr. B.G. Kore and Ms Pallavi Rege supported to remove the compulsory sub-part pattern from theory question papers.
- 2) Dr. B.G. Kore and Dr. Leena Kulkarni approved of 'any 2-out-of-3 subparts' pattern for theory paper of all classes and the distribution of marks for TYBSc can be two questions of 14 marks and two questions of 16 marks.

RESOLVED THAT:

- 1) The theory question paper pattern will be 'any 2-out-of-3 subparts' in each course.
- 2) the distribution of marks for TYBSc will be two questions of 14 marks and two questions of 16 marks.

Agenda Item No. 3 ii) To seek approval for the examination pattern used for the internal assessments, semester end examinations and the Practical exams (wherever applicable) conducted for the even semester exams in the current academic year. (2021-22)

DISCUSSED THAT:

The conduct of examinations of the academic year 2021-22 as per the university circular was

- (a) online for all odd semesters
- (b) online for theory (internal and semester end) and offline for practicals in the even semesters of SY and TY courses
- (c) offline for semester end theory and online for internal and practicals in the even semester of FY courses



(d) internal practicals not conducted for FY in any semester

RESOLVED THAT:

Exams were conducted as per the university circular

Agenda Item No. 4 Any other matter with the permission of the Chair.

There was no other matter to discussed.

The Head of the department concluded the meeting by thanking all the members for attending the meeting and for their valuable suggestions.



Dr. Sucheta Ketkar
Head, Department of Statistics



S.P.Mandali's
RAMNARAIN RUIA AUTONOMOUS COLLEGE, MUMBAI-19
Minutes of the online meeting of the Board of Studies in Statistics

Date: 22nd April 2022

Time: 4.00pm

Venue: Online meeting on ZOOM app:

<https://us06web.zoom.us/j/88294646036?pwd=NnhXRtA1UXNSaFlOTiCYi8vY2JYZz09>

Members Present:

Sr. No.	Name of the Member	Designation	Signature
1	Mrs. Pallavi Rege	Associate Professor and Head, Dept. of Statistics, SIES College, Sion	PRESENT
2	Dr. Leena Kulkarni	Assistant Professor & Program Chairperson, M.Sc. Applied Statistics & Analytics, Sunandan Divatia School of Science, NMIMS University, Mumbai	PRESENT
3	Dr. B.G. Kore	Principal, Adarsh College, Vita	PRESENT
4	Ms. Sandhya Dalvie	Lead Data Scientist, Accenture	ABSENT
5	Ms. Vardhini Deshmukh	Manager, Analytics, Business Intelligence Unit, Kotak Mahindra Bank	PRESENT
6	Dr. Sucheta Ketkar	Associate Professor and Head, Dept of Statistics	PRESENT
7	Dr. Sujata Suvarnapathki	Assistant Professor, Dept of Statistics	PRESENT
8	Dr. Ashwini Deshpande	Assistant Professor, Dept of Statistics	PRESENT
9	Mr. Saleem Panwale	Assistant Professor, Dept of Statistics	PRESENT
10	Mrs. Aruna Ganu	Assistant Professor, Dept of Statistics	PRESENT
11	Ms. Tanvi Koyande	Assistant Professor, Dept of Statistics	PRESENT



Dr. Sucheta Ketkar welcomed the Board members and read the minutes of the previous Board of Studies meeting held on 31st March 2022. The members of the Board approved the minutes of the previous Board of Studies meeting.

Agenda Item No. 1

To seek suggestions, if any, for the changes in the content of the syllabi for Undergraduate Program as per CBCS system with reference to Core Courses, Skill enhancement Courses, Discipline specific electives for FY/SY/TY BA/BSc

DISCUSSED THAT:

- 1) Dr. Sucheta Ketkar explained the changes in the papers of applied component. She proposed the title 'Elements of Operations Research' for Semester 5 and also presented the syllabus for the same.
- 2) Dr Leena Kulkarni asked if the number of lectures are more for the first Unit based on Sensitivity Analysis and Duality in Semester 5. She also suggested to add overview of Simplex Method in Unit 1 of Semester 5.
- 3) Dr. Sucheta Ketkar proposed the title for the applied component as 'Data Analysis using Python' for Semester 6 and put forth the syllabus of 'Data Analysis using Python'. She asked the members to give suggestions from for all units.
- 4) Ms Vardhini Deshmukh thought the content of the proposed syllabus was good.
- 5) Dr. Sucheta Ketkar told the members that setting theory questions may be a problem in unit 3 and unit 4 so it will be discussed later with the Board members.
- 6) Dr Leena Kulkarni said that question pattern can be later modified as per internal and external theory and practical examination. She also thought the logical flow of the units was good. She suggested that the focus should be more on the coding approach to stimulate the interest of students.
- 7) Dr Leena Kulkarni and Mrs Pallavi Rege approved 'Data Analysis using Python' as applied component paper in Sem 6.
- 8) Dr Ashwini Deshpande asked for suggestions on alternatives to the Erlangian Model in Queueing Theory in Sem 6.
- 9) Mrs Pallavi Rege suggested keeping the Erlangian Model because the name of the paper cannot be changed.
- 10) Dr Leena Kulkarni also supported the Erlangian Model as it is the only topic that fits in the flow of the Queueing Theory paper.

RESOLVED THAT:

- 1) Overview of Simplex or Revision of Simplex theory to be added in the first unit of the Applied Component syllabus in Semester 5.
- 2) 'Data Analysis using Python' to be introduced as a Applied Component paper for Semester 6.
- 3) Erlangian Model to be added in Queueing Theory in Semester 6.

Agenda Item No. 2 Any other matter with the permission of the Chair.

There was no other matter.



The Head of the department concluded the meeting by thanking all the members for attending the meeting and for their valuable suggestions.



Dr. Sucheta Ketkar

Head, Department of Statistics

