Department of Mathematics

Minutes of Meeting

Board of Studies in Mathematics

Date: 03rd September 2021

New Arts, Commerce and Science College, Ahmednagar

(Autonomous)

(Affiliated to Savitribai Phule Pune University, Pune)

Board of Studies in Mathematics
Minutes of Meeting

Department of Mathematics, New Arts, Commerce and Science College, Ahmednagar (Autonomous) has organized a Board of Studies (BOS) meeting on 03/09/2021 at 10.30 am in the Department of Mathematics, New Arts, Commerce and Science College, Ahmednagar (Autonomous). Due to COVID-19 restrictions, members of the Board of Studies were also allowed to join the meeting online.

Following Members were present for the meeting.

Sr. No.	Name	Affiliation	Designation
1.	Dr. S. B. Gaikwad	N.A.C.& Sc. College, Ahmednagar	Chairman
2.	Dr. S. V. Ingale	N.A.C.& Sc. College, Ahmednagar	Member
3.	Mr. S. A. Tarate	N.A.C.& Sc. College, Ahmednagar	Member
4.	Dr. G. S. Kadu	Assistant Professor, Department of Mathematics, Savitribai Phule Pune University, Pune	Member, Nominated by Hon. Vice-Chancellor, SPPU, Pune
5.	Dr. N. S. Darkunde	Assistant Professor School of Mathematical Sciences, Swami Ramanand Teerth Marathwada University, Nanded-431606	Member, Nominated by Academic council
6.	Dr. S. B. Bhalekar	Associate Professor, School of Mathematics and Statistics, The University of Hyderabad, Central University Campus, Hyderabad- 500046	Member, Nominated by Academic council
7.	Mr. Shirish Padalkar	Principal Engineer, Medly Software System, LLP, Pune	Member, Industry/ Corporate Nominated by Hon. Principal
8.	Mr. P. L. Pawar	Junior College Teacher, Ahmednagar College, Ahmednagar	Member, Alumina Nominated by Hon. Principal
9.	Dr. A. A. Kulkarni	N.A.C.& Sc. College, Ahmednagar	Member (Coopted)

| 10. | Prof. (Dr). A. V. Mancharkar | N.A.C.& Sc. College, Ahmednagar | Member (Coopted) |

1. Member secretory welcomed Hon. H.O.D. (Chairman) and Hon. Members of Board of Studies in Mathematics.
2. The meeting started with the permission of Hon. Chairman, Board of Studies in Mathematics.
3. As this was the first meeting of the board of studies in Mathematics, the member secretory welcomed all the members.

The proceedings of the meeting started as per the agenda,

Item No. 01(BOS-MATHS/01/01/2021-22): Welcome and introduction of the Hon. Board of Studies.

As this was the first meeting of the board of studies in Mathematics, the member secretary introduced the Hon. Members along with their designation and institutional affiliation to the house.

The board of studies in Mathematics is as below:

Hon. Member of Board of Studies in Mathematics:

Sr. No.	Name	Designation and Address	Mobile Number and Email Address
1.	Prof. (Dr.) S. B. Gaikwad	**Chairman** Head and Associate Professor Department of Mathematics, New Arts, Commerce and Science College, Ahmednagar (Autonomous), Pin Code 414001 Maharashtra, India	sbgmathsnagar@gmail.com 9404071625
2.	Dr. S. V. Ingale	**Member** Assistant Professor Department of Mathematics, New Arts, Commerce and Science College, Ahmednagar (Autonomous), Pin Code 414001 Maharashtra, India	svingale@rediffmail.com 9422236508
3.	Mr. S. A. Tarate	**Member** Assistant Professor Department of Mathematics, New Arts, Commerce and Science College, Ahmednagar (Autonomous), Pin Code 414001 Maharashtra, India	shivajitarate@newartsdcs.ac.in 9860391235
4.	Dr. G. S. Kadu	**Vice-Chancellor Nominee** Assistant Professor, Department of Mathematics, Savitribai Phule Pune University, Pune-411007, Maharashtra, India	ganeshkadu@gmail.com 9011477672
5.	Dr. N. S. Darkunde	**Academic Council Nominee**	nitindarkunde@srtmun.ac.in

			8275268895
		Assistant Professor School of Mathematical Sciences, Swami Ramanand Teerth Marathwada University, Nanded-431606	
6.	Dr. S. B. Bhalekar	**Academic Council Nominee** Associate Professor, School of Mathematics and Statistics, The University of Hyderabad, Central University Campus, Hyderabad- 500046	sbb_maths@unishivaji.ac.in 9922613556
7.	Mr. Shirish Padalkar	**Industry Expert** Principal Engineer, Medly Software System, LLP, Pune	Shirish4you@gmail.com 9923587926
8.	Mr. P. L. Pawar	**Alumus** Junior College Teacher, Ahmednagar College, Ahmednagar 414001	Plpawar13@gmail.com 9403696182
9.	Dr. A. A. Kulkarni	**Co-opt Member** Assistant Professor Department of Statistics, New Arts, Commerce and Science College, Ahmednagar (Autonomous), Pin Code 414001 Maharashtra, India	aparnagurvale@gmail.com 9421390167
10.	Prof. (Dr.) A.V. Mancharkar	**Co-opt Member** Professor Department of Mathematics, New Arts, Commerce and Science College, Ahmednagar (Autonomous) Pin Code 414001 Maharashtra, India	mancharkar_av@rediffmail.com 9326636639

Resolution: (BOS-MATHS/01/01/2021-22) dated 03 September 2021

Hon. H.O.D. and Chairperson welcomed and congratulated all the Hon. Members for their nomination on the board of studies in Mathematics.

Item No. 02 (BOS-MATHS/01/02/2021-22): Approval for B. Sc. and M. Sc. Mathematics

The HOD of the Department of Mathematics formulated the committee for finalizing B. Sc. and M. Sc. Mathematics Syllabus Framework as per the guidelines of the CBCS system under Autonomy finalized by the college. The committee reviewed the syllabuses of UGC and SPPU Pune. The committee also discussed with the entire faculty members of the department, prepare, and submitted the draft copy of the B.Sc. and M. Sc. Mathematics syllabus framework for further approval. The member secretary presented the details of the draft copy of the B.Sc. and M. Sc. Mathematics Syllabus Framework prepared for the implementation from the academic year 2021-22 in the house. The framework consists of course type, course code, the course title, and no. of credits for B.Sc. and M. Sc. Mathematics Science syllabus.

Resolution: BOS-MATHS/01/02/2021-22 dated 03 September 2021

The committee members discussed the framework for the B.Sc. and M. Sc. Mathematics Syllabus. The committee members Dr. Ganesh Kadu and Dr. Sachinkumar Bhalekar suggested a change in some parts of the course Calculus and Changing the practical Course giving appropriate and specific titles to those courses. After a healthy discussion, the committee approved the framework for the B.Sc. and M.Sc. Mathematics Syllabus.

Item No. 03 (BOS-MATHS/01/03/2021-22): Approval for B. Sc. Mathematics Syllabus (First and Second semester).

The HOD of the Department of Mathematics formulated the committee for finalizing the B. Sc. Mathematics Syllabus as per the guidelines of the CBCS system under Autonomy. Mr. S. A.Tarate explained each part of the B.Sc. Mathematics syllabus for the first-year semester I and II. The committee reviewed the syllabuses of UGC and SPPU Pune. The committee also discussed with all the faculty members of the department, prepare, and submitting the draft copy of B.Sc. Mathematics syllabus for further approval. The member secretary presented the draft copy of the B.Sc. Mathematics Syllabus prepared for the implementation from the academic year 2021-22 in the house. The syllabus consists of semester number, paper number, course code, the title of the course, number of credits, the total number of lectures, course outcomes, unit-wise detailed syllabus, and suggested readings.

Resolution: BOS-MATHS/01/03/2021-22 dated 03 September 2021

Entire committee members discussed the syllabus of B.Sc. Mathematics. The committee member Dr. N. S. Darkunde suggested mentioning the Learning Outcomes for each course for B.Sc. Syllabus. After a healthy discussion and suggested modifications, the committee approved the syllabus for the B.Sc. Mathematics.

Item No. 04 (BOS-MATHS/01/04/2021-22): Approval for M. Sc. Mathematics Syllabus (First and Second semester).

The HOD of the Department of Mathematics formulated the committee for finalizing the M. Sc. Mathematics Syllabus as per the guidelines of the CBCS system under Autonomy. The committee reviewed the syllabuses of UGC and SPPU Pune. The committee also discussed with all the faculty members of the department, prepare, and submitting the draft copy of M.Sc. Mathematics syllabus for further approval. The member secretary presented the draft copy of the M.Sc. Mathematics Syllabus prepared for the implementation from the academic year 2021-22 in the house. The syllabus consists of semester number, paper number, course code, the title of the course, number of credits, the total number of lectures, course outcomes, unit-wise detailed syllabus, and suggested readings.

Resolution: BOS-MATHS/01/04/2021-22 dated 03 September 2021

The committee members discussed the syllabus of M.Sc. Mathematics. The committee members Dr. G. S. Kadu, Dr. N. S. Darkunde, and Dr. S. B. Bhalekar suggested including mathematical-based software courses like Mathematica, GeoGebra, etc. to be added in the section of the practical course. After a healthy discussion and suggested modifications, the committee approved the syllabus for the M.Sc. Mathematics.

Item No. 05 (BOS-MATHS/01/05/2021-22): Approval for Certificate courses for B.Sc. and M.Sc. Programs.

The certificate courses of 2 non-CGPA credits and 30 hours duration for UG and PG students are designed to implement from the academic year 2021-22. The certificate courses are designed like "Bio- Mathematics: Calculus for Life Science" and "Business Mathematics I" for UG/ PG students. These courses will help a student to boost their skills for grabbing more opportunities in the future. The faculty members of the department discuss and prepare the draft copy of certificate courses for B.Sc. and M.Sc. Programs for further approval. The member secretary presented the draft copy of certificate courses for B.Sc. and M.Sc. Programs in the house. The syllabus consists of semester number, paper number, course code, the title of the course, number of credits, the total number of lectures, course outcomes, unit-wise detailed syllabus, and suggested readings.

Resolution: BOS-MATHS/01/05/2021-22 dated 03 September 2021

The committee members discussed the syllabus of certificate courses for B.Sc. and M.Sc. Program. All committee members appreciates the courses introduced and they suggested some points for better implementation. After discussion and suggested modifications, the committee approved the syllabus of certificate courses for B.Sc. and M.Sc. Programs.

Item No. 06 (BOS-MATHS/01/06/2021-22): Approval for Examination panel for B.Sc. and M.Sc. Programs.

The examination section of the college will provide guidelines for the formation of exam panels for UG and PG practical and theory.

Resolution: BOS-MATHS/01/06/2021-22 dated 28th August 2021

With the permission of all the all-BOS members, the chairperson of the meeting, the Department of Mathematics will form an examination panel for UG and PG, practical, and theory as per the guidelines provided by the examination section of the college.

Item No. 07 (BOS-MATHS/01/07/2021-22): Any other items with the permission of the Hon. Chair.

The BOS chairperson or any member raised no any other point and hence the meeting ended with the vote of thanks to the Hon. Chair.

Board of Studies in Mathematics

Sr. No.	Name	Designation	Sign.
1.	Prof. (Dr.) S. B. Gaikwad	Chairman	
2.	Dr. S. V. Ingale	Member	
3.	Mr. S. A. Tarate	Member	
4.	Dr. G. S. Kadu	Vice Chancellor Nominee	
5.	Dr. N. S. Darkunde	Academic Council Nominee	
6.	Dr. S. B. Bhalekar	Academic Council Nominee	
7.	Mr. Shirish Padalkar	Industry Expert	
8.	Mr. P. L. Pawar	Alumnus	
9.	Dr. A. A. Kulkarni	Member (Co-opt)	
10.	Prof. (Dr.) A. V. Mancharkar	Member (Co-opt)	

New Arts, Commerce and Science College, Ahmednagar

(Autonomous)

(Affiliated to Savitribai Phule Pune University, Pune)

Department of Mathematics

Minutes of Meeting

Board of Studies in Mathematics

Date: 02nd February 2022

New Arts, Commerce and Science College, Ahmednagar

(Autonomous)

(Affiliated to Savitribai Phule Pune University, Pune)

Board of Studies in Mathematics
Minutes of Meeting

Department of Mathematics, New Arts, Commerce and Science College, Ahmednagar (Autonomous) has organized a Board of Studies (BOS) meeting on 02/02/2022 at 10.30 am in the Department of Mathematics, New Arts, Commerce and Science College, Ahmednagar (Autonomous). Due to COVID-19 restrictions, members of the Board of Studies were also allowed to join the meeting online.

Following Members were present for the meeting.

Sr. No.	Name	Affiliation	Designation
1.	Dr. S. B. Gaikwad	N.A.C.& Sc. College, Ahmednagar	Chairman
2.	Dr. S. V. Ingale	N.A.C.& Sc. College, Ahmednagar	Member
3.	Mr. S. A. Tarate	N.A.C.& Sc. College, Ahmednagar	Member
4.	Dr. G. S. Kadu	Assistant Professor, Department of Mathematics, Savitribai Phule Pune University, Pune	Member, Nominated by Hon. Vice-Chancellor, SPPU, Pune
5.	Dr. N. S. Darkunde	Assistant Professor School of Mathematical Sciences, Swami Ramanand Teerth Marathwada University, Nanded-431606	Member, Nominated by Academic council
6.	Dr. S. B. Bhalekar	Associate Professor, School of Mathematics and Statistics, The University of Hyderabad, Central University Campus, Hyderabad- 500046	Member, Nominated by Academic council
7.	Mr. Shirish Padalkar	Principal Engineer, Medly Software System, LLP, Pune	Member, Industry/ Corporate Nominated by Hon. Principal
8.	Mr. P. L. Pawar	Junior College Teacher, Ahmednagar College, Ahmednagar	Member, Alumina Nominated by Hon. Principal
9.	Dr. A. A. Kulkarni	N.A.C.& Sc. College, Ahmednagar	Member (Coopted)

10.	Prof. (Dr). A. V. Mancharkar	N.A.C.& Sc. College, Ahmednagar	Member (Coopted)

1. Member secretory welcomed Hon. H.O.D. (Chairman) and Hon. Members of Board of Studies in Mathematics.
2. The meeting started with the permission of Hon. Chairman, Board of Studies in Mathematics.
3. As this was the first meeting of the board of studies in Mathematics, the member secretary welcomed all the members.

The proceedings of the meeting started as per the agenda,

Item No. 01(BOS-MATHS/01/01/2022-23): Welcome and introduction of the Hon. Board of Studies.

As this was the first meeting of the board of studies in Mathematics, the member secretary introduced the Hon. Members along with their designation and institutional affiliation to the house.

The board of studies in Mathematics is as below:

Hon. Member of Board of Studies in Mathematics:

Sr. No.	Name	Designation and Address	Mobile Number and Email Address
1.	Prof. (Dr.) S. B. Gaikwad	**Chairman** Head and Associate Professor Department of Mathematics, New Arts, Commerce and Science College, Ahmednagar (Autonomous), Pin Code 414001 Maharashtra, India	sbgmathsnagar@gmail.com 9404071625
2.	Dr. S. V. Ingale	**Member** Assistant Professor Department of Mathematics, New Arts, Commerce and Science College, Ahmednagar (Autonomous), Pin Code 414001 Maharashtra, India	svingale@rediffmail.com 9422236508
3.	Mr. S. A. Tarate	**Member** Assistant Professor Department of Mathematics, New Arts, Commerce and Science College, Ahmednagar (Autonomous), Pin Code 414001 Maharashtra, India	shivajitarate@newartsdcs.ac.in 9860391235
4.	Dr. G. S. Kadu	**Vice-Chancellor Nominee** Assistant Professor, Department of Mathematics, Savitribai Phule Pune University, Pune-411007, Maharashtra, India	ganeshkadu@gmail.com 9011477672
5.	Dr. N. S. Darkunde	**Academic Council Nominee**	nitindarkunde@srtmun.ac.in

		Assistant Professor School of Mathematical Sciences, Swami Ramanand Teerth Marathwada University, Nanded-431606	8275268895
6.	Dr. S. B. Bhalekar	**Academic Council Nominee** Associate Professor, School of Mathematics and Statistics, The University of Hyderabad, Central University Campus, Hyderabad- 500046	sbb_maths@unishivaji.ac.in 9922613556
7.	Mr. Shirish Padalkar	**Industry Expert** Principal Engineer, Medly Software System, LLP, Pune	Shirish4you@gmail.com 9923587926
8.	Mr. P. L. Pawar	**Alumnus** Junior College Teacher, Ahmednagar College, Ahmednagar 414001	Plpawar13@gmail.com 9403696182
9.	Dr. A. A. Kulkarni	**Co-opt Member** Assistant Professor Department of Statistics, New Arts, Commerce and Science College, Ahmednagar (Autonomous), Pin Code 414001 Maharashtra, India	aparnagurvale@gmail.com 9421390167
10.	Prof. (Dr.) A.V. Mancharkar	**Co-opt Member** Professor Department of Mathematics, New Arts, Commerce and Science College, Ahmednagar (Autonomous) Pin Code 414001 Maharashtra, India	mancharkar_av@rediffmail.com 9326636639

Resolution: (BOS-MATHS/01/01/2022-23) dated 02 February 2022

Hon. H.O.D. and Chairperson welcomed and congratulated all the Hon. Members for their nomination on the board of studies in Mathematics.

Item No. 02 (BOS-MATHS/01/02/2022-23): To confirm the minutes of the meeting of the first meeting of Board of Studies in Mathematics held in 03/09/2021.

Minutes confirmed

Item No. 03 (BOS-MATHS/01/03/2022-23): Approval for B. Sc. Mathematics Syllabus (Third and Fourth semester).

The HOD of the Department of Mathematics formulated the committee for finalizing the B. Sc. Mathematics Syllabus as per the guidelines of the CBCS system under Autonomy. Mr. S. A. Tarate explained each part of the B.Sc. Mathematics syllabus for the second-year semester III and IV. The committee reviewed the syllabuses of UGC and SPPU Pune. The committee also discussed with all the faculty members of the department, prepare, and submitting the draft copy of B.Sc. Mathematics syllabus for further approval. The member secretary presented the draft copy of the B.Sc. Mathematics Syllabus prepared for the implementation from the academic year 2021-22 in the house. The syllabus consists of semester number, paper number, course code, the title of the course, number of credits, the total number of lectures, course outcomes, unit-wise detailed syllabus, and suggested readings.

Resolution: BOS-MATHS/01/03/2022-23 dated 02 February 2022

Entire committee members discussed the syllabus of B.Sc. Mathematics. The committee member Dr. G. S. Kadu suggested remove Unit III from BSC-MT 302 T: Numerical Methods and add introductory part of linear differential equations also change the name of course After a healthy discussion and suggested modifications, the committee approved the syllabus for the B.Sc. Mathematics.

Item No. 04 (BOS-MATHS/01/04/2022-23): Approval for M. Sc. Mathematics Syllabus (Third and Fourth semester).

The HOD of the Department of Mathematics formulated the committee for finalizing the M. Sc. Mathematics Syllabus as per the guidelines of the CBCS system under Autonomy. The committee reviewed the syllabuses of UGC and SPPU Pune. The committee also discussed with all the faculty members of the department, prepare, and submitting the draft copy of M.Sc. Mathematics syllabus for further approval. The member secretary presented the draft copy of the M.Sc. Mathematics Syllabus prepared for the implementation from the academic year 2022-23 in the house. The syllabus consists of semester number, paper number, course code, the title of the course, number of credits, the total number of lectures, course outcomes, unit-wise detailed syllabus, and suggested readings.

Resolution: BOS-MATHS/01/04/2022-23 dated 02 February 2022

The committee members discussed the syllabus of M.Sc. Mathematics. The committee members Dr. G. S. Kadu and Dr. N. S. Darkunde, suggested remove the section 2.1 to 2.4 in Unit II from MSC-MT-415T(A): Coding Theory course and include bouncing code topic in same course. After

a healthy discussion and suggested modifications, the committee approved the syllabus for the M.Sc. Mathematics.

Item No. 05 (BOS-MATHS/01/05/2022-23): Approval for Examination panel for B.Sc. and M.Sc. Programs.

The examination section of the college will provide guidelines for the formation of exam panels for UG and PG practical and theory.

Resolution: BOS-MATHS/01/05/2022-23 dated 28th August 2021

With the permission of all the all-BOS members, the chairperson of the meeting, the Department of Mathematics will form an examination panel for UG and PG, practical, and theory as per the guidelines provided by the examination section of the college.

Item No. 06 (BOS-MATHS/01/06/2021-22): Any other items with the permission of the Hon. Chair.

The BOS chairperson or any member raised no any other point and hence the meeting ended with the vote of thanks to the Hon. Chair.

Board of Studies in Mathematics

Sr. No.	Name	Designation	Sign.
1.	Prof. (Dr.) S. B. Gaikwad	Chairman	
2.	Dr. S. V. Ingale	Member	
3.	Mr. S. A. Tarate	Member	
4.	Dr. G. S. Kadu	Vice Chancellor Nominee	
5.	Dr. N. S. Darkunde	Academic Council Nominee	
6.	Dr. S. B. Bhalekar	Academic Council Nominee	
7.	Mr. Shirish Padalkar	Industry Expert	
8.	Mr. P. L. Pawar	Alumnus	
9.	Dr. A. A. Kulkarni	Member (Co-opt)	
10.	Prof. (Dr.) A. V. Mancharkar	Member (Co-opt)	