

2023-24

Shiv Chhatrapati Shikshan Sanstha's

Rajarshi Shahu Mahavidyalaya (Autonomous), Latur

MINUTES BOOK

Faculty of Science

Board of Studies : Mathematics

D: 24.07.2023.

Meeting Notice.

A meeting of Board of Studies in mathematics under the faculty of science is fixed on 26-07-2023 at 2:00pm (online/offline) in the department of mathematics, Rajarshi shahu mahavidyalaya, Latur (Autonomous). kindly make it convenient to attend the meeting online/offline

Agenda:

1. To take approval of previous meeting resolutions held on 16-03-2023.
2. To discuss about NEP-2020
3. To take approval of B.Sc. I year curriculum as per NEP-2020 guidelines.
4. To take approval of M.Sc. I year curriculum as per NEP-2020 guidelines.
5. Any other subject with permission of the chairman.

[Signature]
24/7/2023



MINUTES BOOK

Faculty of Science

Board of Studies : Mathematics

=====

Agenda 01 : To confirm the minutes of the last meeting which was held online on 16.03.2023

Resolution : DE. Nishank S. Pimple put the last meeting minutes and confirm by all in the meeting.

Action taken : → whatever changes in Curriculum will be effect from next academic year 2023-24

Agenda 02 : To Discuss about NEP-2020

Resolution : DE. Nishank S. Pimple gives the details about NEP-2020 in which all the BOS members put their views and discussed about various aspects of NEP-2020

Action Taken : The mapping of Curriculum will be done according to learning based outcomes in the Curriculum as per the guidelines of NEP of GoI.

Agenda 03 : To take approval of B.Sc.I year Curriculum as per NEP-2020 guidelines.

Resolution : DE. Nishank S. Pimple gives the details about B.Sc.I year syllabus prepared as per NEP-2020 The New courses are introduced -

GE - Fundamentals of mathematics

SEC - programming with mathematics software's

VSC - mathematics in Excel, OTT - Case study/ Project



MINUTES BOOK

Faculty of Science

Board of Studies : Mathematics

DE. S.D. Kende suggest that OJT should be based upon case study, mini project so that First year students get aware about basics of project writing.

Action taken: DE. Nishank Pimple says that all the collected syllabus of B.Sc.I will be put in front of Curriculum Development Committee in the next meeting and syllabus will be finalized. The final draft will be shared in WhatsApp group or email to every member.

Agenda 04 : To Take approval of M.Sc. I year Curriculum as per NEP-2020 guidelines

Resolution: DE. Nishank S. Pimple gives the brief about old syllabus and prepared syllabus as per NEP-2020

The New PG mathematics syllabus is prepared with total credit 88.

M.Sc. I Sem

M.Sc. II SEM.

Major I : Group Theory (4-Cr)

Major VI : Linear Algebra (4-Cr)

Major II : Real Analysis (4-Cr)

Major VII : Topology (4-Cr)

Major III : Complex Analysis (4-Cr)

Major VIII : Analytical Number Theory (4-Cr)

Elective IV : ODE / Theory of Probability (4-Cr)

Elective IX : PDE / Measure and Integration Theory (4-Cr)

RMV : Research Methodology (4-Cr)

OJT - (4-Cr)

DE. M.T. Gophane suggest that, students must learn some mathematical software's and programming courses in 1st year. He mentioned that, in curriculum if we add Latex, MATLAB Python programming then it will increase job opportunities.



MINUTES BOOK

Faculty of Science

Board of Studies : Mathematics

Prof. S.D. Shinde suggest that, by introducing python programming in p/h syllabus student get placed in IT based companies.

M.Sc. I sem - LaTeX Typesetting M.Sc. II sem - Python

Programming M.Sc. II sem - OJT- Internship/ Data analysis

Action Taken : Dr. Nishank S. Pimple says that all the corrected syllabus of M.Sc. I will be enough draft and put in front of Curriculum Development Committee and in the next meeting syllabus will be finalized. Enough draft shared in 'Whats App group.

Agenda 05 : Any other subject with permission of chairman.

Approval of CIE/IOE syllabus for competitive examination for I & II sem

Resolution : Dr. Nishank S. Pimple explains detail contents

prepared of CIE/IOE. For sem-I mathematics for competitive

examinations course is prepared (100m) and for sem-II

Reasoning for competitive Examinations course (100m)

which is useful to crack various competitive exams. Dr.

Nitin Daskunde suggest that the content of these two papers

are vast so if possible reduce the content and focus on solving

more problems (PYQ's)

Action Taken : These courses will run for every year and

students who are preparing for competitive examination

will be encourage to do these courses. The mode of these

courses is offline so that any faculty student can do these

courses and to get clear basics of competitive examinations.

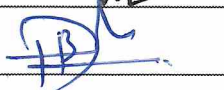
Miss. Shivkanya Shinde put vote of thanks and meeting was concluded.

Rajarshi Shahu Mahavidyalaya (Autonomous), Latur

MINUTES BOOK

Faculty of Science

Board of Studies : Mathematics

	Attendance	Signature
1) Dr. N.S. Pimple	offline	
2) Dr. S.M. Shinde	offline	
3) Dr. B.D. Karande	offline	
4) Dr. M.S. Wavare	online	online
5) Dr. S.D. Konde	—	—
6) Dr. M.T. Gophane	online	online
7) Mr. S.S. Ranmal	online	online
8) Dr. N.S. Dakekonde	online	online
9) Miss. S.D. Shinde	offline	
10) Mr. N.D. Kapale	offline	
11) Dr. A.A. Yadav	online	online

2023-24

Shiv Chhatrapati Shikshan Sanstha's



Rajarshi Shahu Mahavidyalaya (Autonomous), Latur

MINUTES BOOK

Faculty of Science

Board of Studies : Mathematics

Notice

07/03/2024

A meeting of Board of studies in ~~phis~~ Mathematics under the faculty of science is fixed on 13/03/2024 at 11:00 am (online/offline) in the department of Mathematics, Rajarshi Shahu Mahavidyalaya, Latur (Autonomous). Kindly make it convenient to attend the meeting.

Business Agenda

1. To confirm the minutes and action taken of earlier BOS meeting held on 26/07/2023
2. To discuss and approve the feedback on curriculum collected from various stakeholders
3. To finalize syllabus of B.Sc.-II (Mathematics) (under NEP 2020)
4. To finalize syllabus of M.Sc.-II (Maths) (under NEP 2020)
5. Any other subject with the permission of chair

Lt. Dr. M. S. Wavare

Agenda 1 : To confirm the minutes and action taken of earlier BOS meeting held on ~~26/1/2023~~ 26/07/2023

Discussion : Lt. Dr. Mahesh S. Wavare welcomes all BOS member and put the minutes & action taken report of earlier BOS meeting which was held on 26/7/2023.



Shiv Chhatrapati Shikshan Sanstha's
Rajarshi Shahu Mahavidyalaya (Autonomous), Latur
MINUTES BOOK
Faculty of Science
Board of Studies : Mathematics

Resolution: Committee unanimously approves the minutes & action taken report on earlier meeting.

Agenda 2 To Discuss and approve the Feedback on curriculum collected from various stake holders

Discussion: Our department of mathematics had collected feedbacks on curriculum during 2023-24 in both online / offline. Dr. M.S. Wavare put the Feedback analysis report & ATR of the same before committee.

Resolution: The BUS approves the feedback & ATR unanimously.

Agenda 3: To Finalize the syllabus of BSC-II (maths) as per NEP-2020 structure given by NEP cell of the college

Discussion: Dr. M.S. Wavare put structure & curriculum of BSC-II (sem-III & IV) following course titles & content of course paper has ~~been~~ ^{to} finalized during this meeting



MINUTES BOOK

Faculty of Science

Board of Studies : Mathematics

Sr.	Title of course	Nature	Sem	New introduced 1 % change
1	Real Analysis (Th + Pr)	DSC - major	III	0 % change
2	Group Theory (Th + Pr)	DSC major	III	0 % change
3	Applied Maths	DSM - minor	III	Newly introduced
4	Quantitative Aptitude	GE - II	III	Newly introduced
5		SEC	III	Newly introduced
6	Ring Theory (Th + Pr)	DSC major	IV	15 % change
7	Ordinary Differential Eq ⁿ (Th + Pr)	DSC major	IV	20 % change
8	Fundamentals of Set Theory	DSM - minor	IV	Newly introduced
9	Business Mathematics	GE - IV	IV	Newly introduced
10		SEC	IV	Newly introduced

DSC - 4 credit (3 cr Theory + 1 cr Practical)

DSM - 4 - credit (3 cr Theory + 1 cr Practical)

GE 2 credit (2 credit Theory)

SEC 2 credit (2 credit Theory + Practical)

Resolution: With minor corrections in future the course files & syllabus was finalized in this meeting

Agenda 2 To Finalize the syllabus of
M-SC-II (As per NEP-2020).

Discussion : Dr M-S. Wavare shared structure & curriculum in front of all members
as below



MINUTES BOOK

Faculty of Science

Board of Studies : Mathematics

Sr.	Course Title	Nature	credit	Sem	% age change or New course
1	Ring Theory	Major-III	4 credit	III	no change
2	Functional Analysis	major-VIII	4 credit	III	no change
3	(a) coding theory	MEC	4 credit	III	25% change
	(b) Fractal calculus	MEC	4 credit	III	New course
	(c) NPTEL / MOOC	MEC	4 credit	III	New course
4	Classical Mechanics	major-IX	4 credit	III	no change
5	Research project	RP	4 credit	III	
6	Field Theory	major-X	4 credit	IV	no change
7	Linear Integral Eqn	major-XI	4 credit	IV	no change
8	Numerical Analysis	major XII	4 credit	IV	no change
9	(a) Numerical linear Algebra	MEC	4 credit	IV	New course
	(b) Fuzzy mathematics	MEC	4 credit	IV	New course
	(c) NPTEL / SWP / MOOC Equivalent	MEC	4 credit	IV	New course
10	Research project	RP	6 credit	IV	New course

Resolution:

keeping earlier paper as it is because of the nature of the course & introducing new course also for adding marking scheme for Research methodology the syllabus for M.Sc-II mathematics has been approved & recommended it for Academic council for final approval.



MINUTES BOOK

Faculty of Science

Board of Studies : Mathematics

Agenda 5

(a) Introduction of certificate course in Mathematics

Discussion: Following BOS member has suggested the certificate course

1. Dr. Nitin Darkunde : Certificate on FOSS
2. Mr. Sitaram Ranmal : Certificate course on SAGE
3. Dr. M. S. Wavare : Certificate course on R software
Certificate course on Vedic Mathematics
4. Dr. Nishant Pimple : Certificate course on Foundation of Mathematics.
5. Dr. Abhijit Kadam : Certificate course on Python programming
6. Dr. M. T. Gophane : 1. Certificate course on LaTeX.
2. Certificate course on Geogebra Software

Resolution: Department of Mathematics may run any one of above course (30hrs) (2 credit) according to feasibility & availability of time. Committee recommends any one of these course & Dr. M. S. Wavare will submit the curriculum of the same.



Shiv Chhatrapati Shikshan Sanstha's

Rajarshi Shahu Mahavidyalaya (Autonomous), Latur

MINUTES BOOK

Faculty of Science

Board of Studies : Mathematics

=====

Total 07 members were present offline &
-05 members were present online.

Sr	Name	mode/sign.
1.	Lt Dr. M. S. Wavare	MW
2	Dr. N. S. Pimple	N S Pimple
3	Dr. M. T. Gophane	Online
4.	Dr. A. A. Yedav	AY
5	Dr. N. S. Darkunde	Online
6	Dr. B. D. Icarande	Online
7	Dr. Subhash Icardre	Online
8	Prof. Sanjaykumar Shinde	JS
9	Mr. Seetaram Rammal	Online
10.	Miss. S. D. Shinde	Shinde
11.	Mr. N. A. Kapale	N A Kapale
12.	Mr. P. D. Bomhalge	P D Bomhalge