

Shiksha Mandal's

Bajaj College of Science, Wardha (Autonomous)

Department of Mathematics

Minutes of the meeting of
BOS in Mathematics

Date: 19th April 2022 , 1.00 pm

Mode: Online on Zoom platform

[1] The meeting of the Board of Studies in Mathematics of Bajaj College of Science, Wardha was held online on Zoom platform on 19th April 2022 at 1.00 pm.

Agenda of the Meeting

1. Approval to the minutes of last BOS meeting held on 9 Sept 2021
2. Approval to the revised syllabus of B.Sc. Part II to come into force from 2022-23
3. Discussion on PG syllabus
4. Approval to the panel of paper setters, moderators, valuers.
5. Any other point with the permission of chair

The following members were present:

S.No.	Name and Address	Member / Expert
1	Dr. N.P. Gayakwad Asso. Prof. and Head, Department of Mathematics, Dharampeth College, Nagpur	Subject Expert nominated by the H'ble V.C., of parent university
2	Dr. J.N. Chaudhari, Head, Department of Mathematics, M.J. College Jalgaon	Subject Expert from outside the parent university
3	Dr. V.G. Mete Prof. and Head, Department of Mathematics, RDCK &KD College, Badnera, Amravati	Subject Expert from outside the parent university
4	Dr. U. D. Gulhane, Director, URVI Transformer, MIDC. Wardha	Subject Expert from Industry
5	Dr. S.S. Zade , Head, Dept. of Mathematics, Bajaj College of Science, Wardha	Chairman, BOS in Mathematics
6	Shri. R. T. Katre Dept. of Mathematics, BCS, Wardha	Member Faculty member
7	Shri. P. W. Ghuse Dept. of Mathematics, Jr. College, BCS, Wardha	Member Meritorious Alumnus of the college
8	Mr. R. S. Pradhan	Member Faculty Member

[2] Dr. S. S. Zade, Head, Dept. of Mathematics, BCS, on behalf of department welcomed the H'ble members of BOS in Mathematics

[3] The minutes of the previous BOS held on 9 September 2021 were read by Dr. S.S. Zade and were approved by the board members.

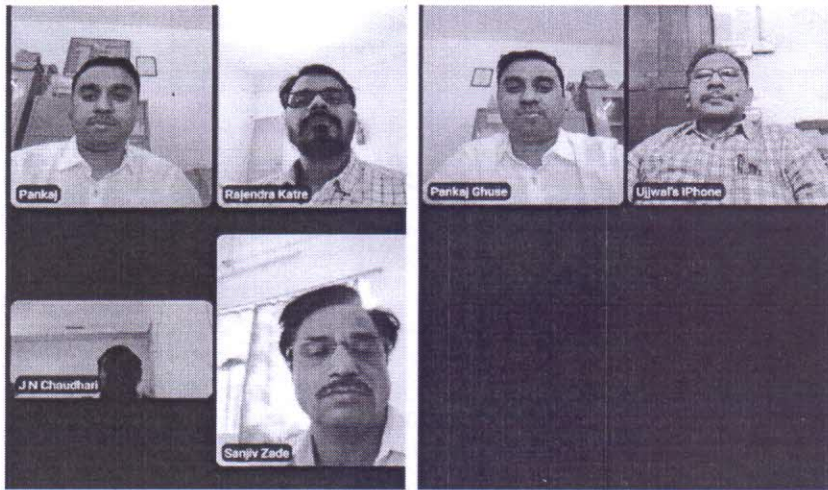
[4] The revised syllabus of B.Sc. Part II to be implemented from session 2022-23 was approved. (copy of revised syllabus attached)

- [5] The syllabus of B.Sc. Part-II was revised in order to add some new topics and maintain continuity. The following table shows the Papers and topics in the existing and revised syllabus.

		Existing Syllabus	Revised Syllabus
Sem-III	Paper-I	Advanced Calculus & Graph theory:	Partial Differential Equations & Calculus of Variations:
		Limit, Continuity, Taylor's thm, Maxima, Minima	1 st order PDE
		Sequences	2 nd order PDE with CC
		Series	2 nd order PDE with var. coefficient
		Graph Theory	Calculus of variations
	Paper-II	Mathematical Methods	Modern Algebra
		Bessel's and Legendre's functions	Group, Subgroups...
		Laplace Transforms	Normal, subgroups, Quotient groups, Permutation gps.
		Application of L.T.	Rings, subrings
Fourier Transforms		Euclidean rings	
Sem-IV	Paper-I	Partial Differential Equations & Calculus of Variations:	Real Analysis
		1 st order PDE	Open set, Limit points, closed sets...
		2 nd order PDE with CC	Sequences
		2 nd order PDE with var. coeff	Infinite Series
		Calculus of variations	Riemann integration
	Paper-II	Mechanics	Mathematical Methods
		Coplanar forces	Power series solution
		Velocitis, accln, SHM	Special functions
		System of Part. D'Al.Principle	Laplace transform
Redu. to one BP, Virial thm		Fourier series	

- [6] The syllabus of M.Sc. Part II was discussed. It was decided that the optional papers be chosen properly to suit the expertise of the teaching faculty and students. Fluid dynamics-II was chosen as optional paper in sem-IV to maintain continuity.
- [7] A new panel of question paper setters, moderators and answer book valuers and moderators for UG and PG has been prepared. The panel has experienced and qualified faculty from RTMNU and other universities. It has been approved by BOS.
- [8] The meeting concluded with vote of thanks to the H'ble members.

Dr. S.S. Zade,
Chairman, BOS in Mathematics



Sanjiv Zade