



विषय - गणित विभाग का डिप्लोमा (2015-16) अनुमोदनार्थी हेतु।  
 गणित विभाग का श्री कृष्ण जी आनंद गणित एवं एम.एस.सी. गणि  
 प्रयोग शिमे का पाठ्यक्रम 2015-16 अनुमोदनार्थी प्रस्तुत।

विभाग/प्रमुख  
 30/12/15  
 7/1/15  
 01/1

श्री कृष्ण जी आनंद गणित विभाग द्वारा प्रेषित M.A. एवं M.Sc. विभाग  
 1. B.Sc. Hons C.B.S. system का प्रस्तावित पाठ्यक्रम  
 1 to 4th sem तक (सत्र 2015-16 से लागू)  
 2. M.Sc./M.A. (Math) का I & II sem का पाठ्यक्रम  
 संलग्न प्रेषित है। शेष Sem. ~~का~~ हेतु  
 एवं शेष पाठ्यक्रम प्रस्ताव दृष्ट करें।

*A. R. (A/c)*  
*M. S. (Cont.)*

*A. R.*  
 07-09-15



no of Dept.....

GGV

विद्यापरिषद् की बैठक दिनांक 28/11/2015 के कार्यपत्र का संक्षिप्त

विषय क्र.-18. शैक्षणिक सत्र 2015-16 हेतु प्रचलित पाठ्य विवरणों के अनुमोदन पर विचार करना।

विद्यापरिषद् द्वारा शैक्षणिक सत्र 2015-16 हेतु सीबीसीएस प्रणाली अनुसार क्रमशः वाणिज्य, शारीरिक शिक्षा, शिक्षाशास्त्र, विधि, संगणक विज्ञान, अंग्रेजी, हिन्दी, इंजीनियरिंग के समस्त विभागों (प्रथम एवं द्वितीय सेमेस्टर), राजनीति विज्ञान, गणित, प्राणीशास्त्र एवं जैव प्रौद्योगिकी विभागों के अध्ययन मण्डल द्वारा पाठ्य विवरण के निर्धारण संबंधी की गई अनुशंसाओं का अनुमोदन किया गया।

उपरोक्त नियंत्रणपत्र क्रमांक 28/11/2015 के कार्यपत्र का संक्षिप्त  
01 अंकित के अलावा दिये हेतु प्रेषित।  
(हस्ताक्षर) 21/11/15

उपरोक्त लिये गये निर्णय अनुसार पत्र प्रसारित किया जाना है। पत्र प्रारूप अवलोकनार्थ/ अनुमोदनार्थ प्रस्तुत।

28/11/2015

अनु. अ. वि. (अका.)

12/01/16  
12-1-16

AR (Acad)  
Sof Acad  
Provide photocopy of this to members of faculty members  
Sri Tiwari (office)

12-1-16  
12-1-16

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### Minutes of BOS Meeting held on June 29, 2017

Department of Pure and Applied Mathematics  
Guru Ghasidas Vishwavidyalaya, Bilaspur (CG)

The Following Members were Present:

1. Dr. P. P. Murthy (HOD) : (Chairman )
2. Professor S. K. Srivastava (Subject Expert) : (VC Nominee)  
(Department of Mathematics, BHU, Varanasi)
3. Professor A. S. Ranadive :(Member)
4. Dr. P. P. Murthy (Associate Professor) : (Member)
5. Dr. B. B. Chaturvedi :(Member)
6. Dr. Manish Kumar. Gupta : (Special invitee )

This meeting is very important for the following purposes:

- (i) No Change in B.Sc. (Honor's) –syllabus under CBCS scheme.
- (ii) Decisions on minor changes and inclusion of the following papers of M.Sc. under non-CBCS scheme:

Sl. No.	Semester	Paper Name	Corrections (if any)	Justification/Remarks
1	M. Sc. III	Differential Geometry of Manifolds – I*	Differential Geometry of Manifolds	Title Name correction only
2	M. Sc. IV	Differential Geometry of Manifolds – II*	Complex Manifolds	Revised the whole syllabus contents
3	M. Sc. IV	Integration Theory*	Minor changes in the contents	The revised one is highly useful in NET examination conducted by UGC/CSIR.
4.	M. Sc. IV	Finsler Geometry*	NA	New Optional paper introduced due to lake of expertise faculty.
5.	M. Sc. III	Integral Equations*	NA	New Optional paper introduced due to lake of expertise faculty. In addition to this it also highly useful in NET examination conducted by UGC/CSIR.

\*Syllabus appended at the end.

1/7  
B. B. Chaturvedi  
A. S. Ranadive  
29/06/2017  
03-07-17



Rest of the papers of M.Sc. Mathematics syllabus is unchanged.

- (iii) Confirmation of papers and its contents of M.Sc. Mathematics commencing from 2018-19 under CBCS scheme for discussion and necessary modification after due consideration for approval.

Semester	Course code	Core Course	Credit Hours
I	MSC 1.1	Advanced Abstract Algebra - I	04
	MSC 1.2	Real Analysis	04
	MSC 1.3	Topology	04
	MSC 1.4	Differential Geometry - I	04
	MSC 1.5	Discrete Mathematical Structures	04
II	MSC 2.1	Advanced Abstract Algebra - II	04
	MSC 2.2	Complex Analysis	04
	MSC 2.3	Advanced Topology	04
	MSC 2.4	Differential Geometry - II	04
	MSC 2.5	Graph Theory	04
III (Core Group)	MSC 3.1	Functional Analysis	04
	MSC 3.2	New Paper Introduce	04
III (Optional Group ANY THREE)	MSO 3.1	Fuzzy Sets, Fuzzy Logic and their Applications -I	04
	MSO 3.2	Integral Equations	04
	MSO 3.3	Operations Research- I	04
	MSO 3.4	Differential Geometry of Manifolds	04
	MSO 3.5	Difference Equations -I	04
	MSO 3.6	Theory of Ordinary Differential Equations -I	04

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25/05/2017

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03-7-17



	MSO 3.7	Object Oriented Programming with C++	04
	MSO 3.8	Cryptography	04
IV (Core Group)	MSC 4.1	Advanced Functional Analysis	04
	MSC 4.2	NEW PAPER TO BE INTRODUCED	04
IV (Optional Group ANY THREE)	MSO 4.1	Fuzzy Sets, Fuzzy Logic and their Applications-II	04
	MSO 4.2	Finsler Geometry	04
	MSO 4.3	Operations Research- II	04
	MSO 4.4	Complex Manifolds	04
	MSO 4.5	Difference Equation -II	04
	MSO 4.6	Theory of Ordinary Differential Equations -II	04
	MSO 4.7	Project Dissertation	04

It was also decided by the members that HOD is authorized for making corrections, before sending it to the university authority for final approval.

HOD (who is the Chairman of BOS also ) informed that Professor S. K. Srivastava is not able to attend the meeting due to problem in getting train reservation and has consented to give his approval via e-mail. HOD also informed that Professor A. S. Ranadive is going to Bhopal for some urgent official work and he has given verbal consent for our decision.

Chairman extended his sincere thanks to all the BOS Members.

P. P. Murthy (HOD & Chairman of the BOS)

Professor A. S. Ranadive (Member  
Dean and Professor member quota)

Professor S. K. Srivastava (Retd. Professor  
(Department of Mathematics, BHU, Varanasi))

Dr. B. B. Chaturvedi  
(Member)

Dr. Manish Kumar Gupta (Special Invitee)



पृष्ठ 6

गणित अध्यापन मंडल की बैठक 11/7/18

अध्यापन मंडल गणित विभाग की बैठक दिनांक 11/7/18 को 11:00 बजे आयोजित हुई जिसमें निम्न सदस्य उपस्थित हुए:

1- डा० पी० पी० मूर्ती सहायक एवं विभागाध्यक्ष	अध्यक्ष	 11/7/2018
2- प्रो० ए० एस० रणदिवे प्रो० एवं सहायक अध्यक्ष	सदस्य	 11-07-18
3- डा० वी० वी० चतुर्वेदी सहायक प्राध्यापक	सदस्य	 11/7/18
4- प्रो० ए० के० शिवाहर वी० एच०	वाच्य विरोधज्ञ	 11/07/18
5- डा० एम० के० गुप्ता	विशेष आयोजित सदस्य	
6- डा० के० ए० वी० वी० प्रसाद	"	
7- डा० संदीप सिंह	"	
8- डा० सी० पी० घुसी	"	

MINUTES

The draft proposals for the syllabus for both B.Sc. (Hon's in maths) under CBCS and M.Sc. maths were thoroughly discussed and some changes and modifications were approved as shown in the attached approved syllabus in the meeting of BOS held on 11/07/2018 from 11:00 am onwards in the Dept of Mathematics.

11/07/18  
(P.P. MURTHY, HOD)  
Chairman BOS

11/07/18  
(A.S. RANDEV)

11/7/18