Dr. N.G.P. ARTS AND SCIENCE COLLEGE (AUTONOMOUS)

Dr. N.G.P.-Kalapatti Road, Coimbatore – 641 048, INDIA

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DEPARTMENT OF MATHEMATICS
BOARD OF STUDIES MEETING (B.Sc Mathematics with CA)

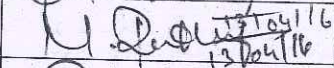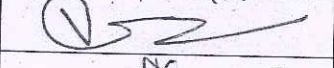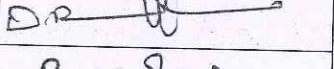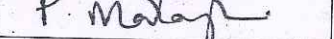| S.No.	Name	Position	Nominated by	Signature
1.	Mrs. S. Gokilamani, Assistant Professor, Department of Mathematics, Dr.N.G.P. Arts and Science College, Kalapatti, Coimbatore – 641 048.	Chairman	Principal	S. Gokila 13/04/16
2.	Dr. R. Uthaya Kumar, Associate Professor, Department of Mathematics, Gandhigram Rural Institute- Deemed University, Gandhigram – 624 302. Dindigul.	Member	Vice Chancellor	R. Uthaya
3.	Dr. B. Tamilselvi, Associate Professor & Head, Department of Mathematics, P.S.G.R.Krishnammal College for Women, Coimbatore – 04	Member	Academic Council	B. Tamilselvi.
4.	Dr. S. Soma Sundaram, Professor & Head, Department of Mathematics, Manonmaniam Sundaranar University, Tirunelveli – 627 012.	,,	,,	—
5.	Prof. R. Kandasamy, Director, Department of Mathematics, Dr.N.G.P. Arts and Science College, Kalapatti, Coimbatore – 641 048.	Co-opted Member	Principal	Rkandas

Department Faculty:

S.No.	Name	Position	Nominated by	Signature
1.	Mrs. S. Manimekalai	Member	Principal	
2.	Mrs. M. Revathy	,,	,,	M. Revathy 13/04/16
3.	Mrs. V. Vimala	,,	,,	
4.	Mr.D. Ramesh Kumar	,,	,,	DR
5.	Mrs. P. Malarvizhi	,,	,,	P. Malar

Dr. N. G. P. ARTS AND SCIENCE COLLEGE (*AUTONOMOUS*)
Department of Mathematics
B.Sc., Mathematics with Computer Applications
Minutes of BOS Meeting

Date: 13.04.2016   **Time: 10.00AM**
Venue: Mathematics Department

The meeting was started by the welcome address given by Mrs.S.Gokilamani, Assistant Professor and Chairman of BOS, Department of Mathematics with Computer Applications. Board of studies of Mathematics with Computer Applications unanimously resolved the following resolutions.

1. The Board resolved to increase one hour for Lab and reduce one hour from theory in all computer paper for the candidates admitted from 2016-17 batch & onwards.

2. The board resolved to introduce the revised syllabus for the following subjects Calculus, Statistics I & II, OR I, Trigonometry, Vector Calculus and Fourier Series , Differential Equations & Laplace Transforms , Quantitative Aptitude , Automata Theory, Real Analysis, Complex Analysis , Dynamics and Discrete Mathematics to enrich the contents of the subject for the UG Mathematics with CA students admitted from 2016- 2017 batch and onwards.

3. The Board suggested to change the content of Operations Research-II in unit-IV as Replacement Problem instead of Simulation and Operations Research-III in unit-IV as Sequencing Problem instead of Markov Analysis for the candidate admitted from the 2016-17 batch & onwards.

4. The Board suggested to change text books and reference books for the following subjects Classical Algebra, Calculus, Statistics I, Analytical Geometry, Ms Office, Statics, OR I ,Modern Algebra and VB.

5. The Board resolved to change the subject name of Internet and Java as Java Programming and also all the Units has framed based on the concepts of Java alone for the candidate admitted from the 2016-17 batch & onwards.

6. After due discussion with Board one program from MS- Word- Newspaper column layout, Excel-sales invoice for the company, Power point-Advertisement of a company and Accesses-Inventory control system has removed from MS Office Lab Practical.

7. The Board Suggested to include three more programs in C++ Practical's for the candidate admitted from the 2016-17 batch & onwards.

8. After due discussion by the Board the syllabus of Non major elective courses were changed and approved for UG Level Students of other Departments admitted from 2016- 2017 batch and onwards as :

S.No	Subject Code	Semester	Name of the Subject
1	16UNM34B	III	Mathematics for Competitive Examination I
2	16UNM44B	IV	Mathematics for Competitive Examination II

9. Resolved to introduce and approve by the board for earning extra credits (Maximum 5 Credits) by the UG Mathematics with CA students admitted from 2016- 2017 batch and onwards

Earning Extra credits is not mandatory for course completion

Subject /Course /Activity	Credit	Total credits
BEC/ Self study courses	1	1
Hindi / French/ Other foreign Language approved by certified Institutions	1	1
Type Writing / Short Hand Course	1	1
Diploma/certificate/CPT/ ACS Inter/ NPTEL Course	1	1
Representation – Academic/Sports /Social Activities/ Extra Curricular / Co-Curricular activities at University/ District/ State/ National/ International	1	1
	5	5

Self Study Paper

S. No.	Semester	Course Code	Course Title	Maximum Marks	Total Credit
1.	I sem to V sem	16UMASS1	Vedic Maths I	50	01
2.		16UMASS2	Vedic Maths II	50	01

10. No change in the existing scheme of examination and syllabus (2015-18) of B. Sc Mathematics with CA.

11. After due discussion by the Board, the syllabus of Allied Mathematics and Statistics papers were changed completely and approved for the candidates admitted from the 2016-17 batch & onwards for the following UG Programmes.

S. No.	Semester	Course Code	Course Title	UG Programme	Ins.hrs/ week	Credit
1.	I	16UMA1AB	Basic Mathematics	B.Sc Microbiology	4	3
2.	I	16UMA1AC	Allied Mathematics I	B.Sc Physics	7	4
3.	I	16UMA1AD	Mathematical Structures for Computer Science	B.Sc CS, BCA, B.Sc IT, B.Sc CT	5 5 5 5	4 4 4 4
4.	I/III	16UMA1AE/ 16UMA3AE	Mathematics for Business / Business Mathematics	B.Com, B.Com CA, B.Com PA, B.Com Finance, B. Com CS CA B.Com IT B.Com Banking & Insurance B.Com BPS B.Com BA	5 4 5 5 5 4 5 5 5	4 4 4 4 4 4 4 4 4
5.	I	16UMA1AF	Mathematics for Management-I	BBA CA	5	4
6.	II	16UMA2AC	Allied Mathematics II	B.Sc Physics	7	4
7.	II	16UMA2AD	Computer Based Optimization Techniques	B.Sc CS, BCA, B.Sc IT, B.Sc CT	5 5 5 5	4 4 4 4
8	II/IV	16UMA2AE/ 16UMA4AE	Statistics for Business / Business Statistics	B.Com, B.Com CA, B.Com PA, B.Com Finance, B.Com CS CA B.Com IT, B.Com Banking & Insurance B.Com BPS B.Com BA	5 5 5 5 5 5 5 5 5	4 4 4 4 4 4 4 4 4
9.	II	16UMA2AF	Mathematics for Management-II	BBA CA	5	4
10.	III/IV	16UMA3AB/ 16UMA4AB	Basic Mathematics	B.Sc Biochemistry, B.Sc Biotechnology	5 4	3 3

12. The Board resolved to introduce Industrial Training in the Fifth Semester for the B.Sc Mathematics with CA Students admitted from 2016- 2017 batch and onwards.

13. Resolved to approve the Panel of question paper setters and Examiners for Evaluation in UG Mathematics with CA.

14. Resolved and approved Pattern of Question paper for UG Mathematics with CA

15. The Board authorizes the Chairman to make any necessary change, if required.

13/04/2016

Chairman
Department of Mathematics,
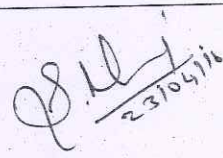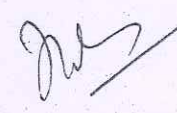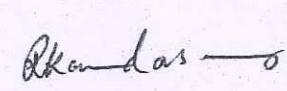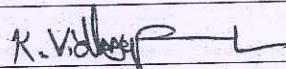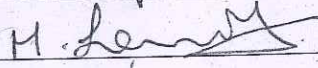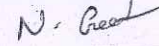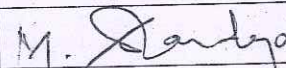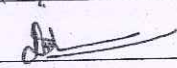Dr. N.G.P Arts and Science College
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DEPARTMENT OF MATHEMATICS
BOARD OF STUDIES MEETING (B.Sc Mathematics)

S.No.	Name	Position	Nominated by	Signature
1.	Mrs. S. Manimekalai, Assistant Professor, Department of Mathematics, Dr. N.G.P. Arts and Science College, Kalapatti, Coimbatore – 641 048.	Chairman	Principal	23/04/16
2.	Dr. K.Thilagavathi, Associate Professor, Department of Mathematics, Kongunadu Arts and Science College, Coimbatore.	Member	Vice Chancellor	
3.	Dr. A.Parvathi, Associate Professor & Head, Department of Mathematics, Vellalar College for Women, Erode.	Member	Academic Council	—
4.	Dr.K.Sumathi, Department of Mathematics, P.S.G.R. Krishnammal college for women, Coimbatore..	,,	,,	—
5.	Prof. R. Kandasamy, Director, Department of Mathematics, Dr.N.G.P. Arts and Science College, Kalapatti, Coimbatore – 641 048.	Co-opted Member	Principal	Rkandas
Department Faculty:				
1.	Ms. K.VidhyaPraba	Member	Principal	K.Vidhy
2.	Mrs.M.Lavanya	,,	,,	M.Lav
3.	Mrs. N.Geetha	,,	,,	N.Geet
4.	Ms.M.Sandhya	,,	,,	M.Sandhya
5.	Mr.C.Sivakumar	,,	,,	

Dr. N. G. P. ARTS AND SCIENCE COLLEGE (*AUTONOMOUS*)
Department of Mathematics
B.Sc., Mathematics
Minutes of BOS Meeting

Date: 23.04.2016   **Time: 10.00AM**
Venue: Maths Department

The meeting was started by the welcome address given by S. Manimekalai, Assistant Professor and Chairman of BOS, Department of Mathematics. Board of studies of Mathematics unanimously resolved the following resolutions.

1. For 2015-2018 batch, the board resolved and approved to change the core Modern Algebra-I subject name as Modern Algebra in 5th semester and Skilled based subject-Modern Algebra-II subject name as Advanced Modern Algebra in 6th semester and they also reform the credit and marks of Elective –I as 4 and 100 and skilled based subject- Modern Algebra as 3 and 75.

2. The Board suggested to change the content of Operations Research-II in unit-IV as Replacement Problem instead of Simulation and Operations Research-III in unit-IV as Sequencing Problem instead of Markov Analysis for the candidate admitted from the 2016-17 batch & onwards.

3. The board suggested to reform the Skill based Subject -Modern Algebra-II as core paper-Modern Algebra-II and introduced the Quantitative Aptitude in the 6th semester for the UG Mathematics students admitted from 2016- 2017 batch and onwards.

4. The Board resolved to include the topic Cauchy's convergence series, Cauchy's root test, Absolute convergence series, Conditional convergent theorems and problems in the third unit of Classical algebra for the UG Mathematics students admitted from 2016- 2017 batch and onwards.

5. The Board resolved to include the concepts like integration by parts, definite integral and properties in unit II and change of order of integration, applications to calculations of areas, and volumes in Unit III of calculus for the UG Mathematics students admitted from 2016- 2017 batch and onwards.

6. The Board suggested to remove the topic "Only in deriving equation of conic" in Unit-I of Analytical geometry for the UG Mathematics students admitted from 2016- 2017 batch and onwards.

7. The Board resolved to reform the 4th semester programming in C theory and lab to 3rd semester and 3rd semester Differential equations and Laplace transform to 4th semester for the UG Mathematics students admitted from 2016- 2017 batch and onwards.

8. The Board resolved to include addition and multiplication of Baye's Theorem in Unit I, Discrete and Continuous Probability Distribution in Unit III and Exact Sampling, χ distribution – some theorems on χ distribution, Simple problems and applications of the above distributions in unit IV of Statistics for Mathematics I for the UG Mathematics students admitted from 2016- 2017 batch and onwards.

9. The Board Resolved to introduce the revised syllabus for the following subjects Trigonometry Vector calculus and Fourier transforms, Statics, Dynamics , Operation Research I and Discrete Mathematics to enrich the contents of the subject for the UG Mathematics students admitted from 2016- 2017 batch and onwards.

10. The Board Resolved to reduce the credits and marks for the subjects Real analysis-I&II, Complex analysis-I&II and Modern algebra-I&II from 4 credits to 3 and 100 marks to 75.

11. After due discussion by the Board the syllabus of Real analysis-I&II, Complex analysis-I&II and Modern algebra-I&II were changed and approved for the students admitted from 2016- 2017 batch and onwards.

12. After due discussion by the Board the syllabus of Non major elective courses were changed and approved for UG Level Students of other Departments admitted from 2016- 2017 batch and onwards as :

S.No	Subject Code	Semester	Name of the Subject
1	16UNM34B	III	Mathematics for Competitive Examination I
2	16UNM44B	IV	Mathematics for Competitive Examination II

13. Resolved to introduce and approve by the board for earning extra credits (Maximum 5 Credits) by the UG Mathematics with CA students admitted from 2016- 2017 batch and onwards

Earning Extra credits is not mandatory for course completion

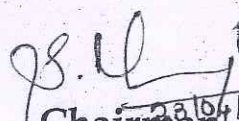| Subject /Course /Activity	Credit	Total credits
BEC/ Self study courses	1	1
Hindi / French/ Other foreign Language approved by certified Institutions	1	1
Type Writing / Short Hand Course	1	1
Diploma/certificate/CPT/ ACS Inter/ NPTEL Course	1	1
Representation – Academic/Sports /Social Activities/ Extra Curricular / Co-Curricular activities at University/ District/ State/ National/ International	1	1
	5	5

Self Study Paper

S. No.	Semester	Course Code	Course Title	Maximum Marks	Total Credit
1.	I sem to V sem	16UMTSS1	Vedic Maths I	50	01
2.		16UMTSS2	Vedic Maths II	50	01

14. The Board resolved to introduce Industrial Training in the Fifth Semester for the B.Sc Mathematics Students admitted from 2016- 2017 batch and onwards

15. Resolved to approve the Panel of question paper setters and Examiners for Evaluation in UG Mathematics.

16. Resolved and approved Pattern of Question paper for UG Mathematics.

17. The Board authorizes the Chairman to make any necessary change, if required.

Chairman
Department of Mathematics,
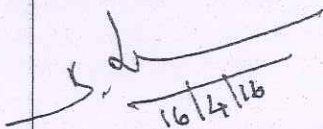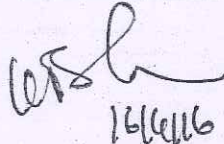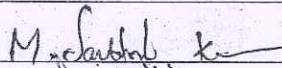Dr, N.G.P. Arts and Science College
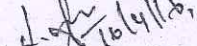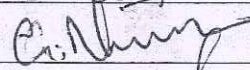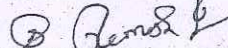Coimbatore-641 048,

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DEPARTMENT OF MATHEMATICS
BOARD OF STUDIES MEETING (PG)

S.No.	Name	Position	Nominated by	Signature
1.	Mr.B.Satheesh Kumar, Head - Department of Mathematics, Dr.N.G.P. Arts and Science College, Kalapatti, Coimbatore – 48.	Chairman	Principal	16/4/16
2.	Dr. K. Balachandran, Professor and Head, Department of Mathematics, Bharathiar University, Coimbatore – 46.	Member	Vice Chancellor	16/4/16
3.	Dr. P. Balasubramaniyam Professor and Head, Department of Mathematics Gandhigram Rural Institute – Deemed University Gandhigram – 624 302 Dindigul	Member	Academic Council	—
4.	Dr. T. Tamizh Chelvam Professor and Head Department of Mathematics Manonmaniam Sundaranar University Tirunelveli – 627 012	,,	,,	16/4/16
5.	Dr. M. Lellis Thivagar Professor and Head, Department of Mathematics Madurai Kamaraj University Madurai – 625 021	"	"	—
Department Faculty:				
1.	Mr. M. Santhosh Kumar	Member	Principal	16/4/16
2.	Mrs. R. Anandhi	,,	,,	
3.	Mr. S. Eswaramoorthi	,,	,,	
4.	Ms. G. Nagalakshmi	,,	,,	
5.	Mr. S Ramesh Kumar	,,	,,	

Dr. N. G. P. ARTS AND SCIENCE COLLEGE *(AUTONOMOUS)*

Department of Mathematics

M.Sc., Mathematics

Minutes of BOS Meeting

Date: 16.04.2016   Time: 10.00AM

Venue: IQAC CELL

The meeting was started by the welcome address given by Mr.B.Satheeshkumar, Assistant Professor/Head of the department and Chairman of BOS, Department of Mathematics. Board of studies of Mathematics unanimously resolved the following resolutions.

The board resolved the following changes for the PG Mathematics students admitted from 2016-17 academic year onwards.

1. The Board resolved to change the Text books in the Core Paper- Numerical Methods for the same syllabus content in the first semester and also in 3rd semester they suggested to include the reference book for Mathematical Statistics, prescribed by the board.

2. The board resolved to frame the syllabus content of the Elective-I - Differential Geometry from the text book, Venkatachalam, S.G. 2012, Differential Geometry (for M.Sc., Mathematics), Margham publications, instead of previous one.

3. The board suggested to reform the core paper - Introduction to Mathematical software paper as an Elective-II paper in semester-II and suggested to remove the Elective-II Linear Algebra in semester-II. To compensate the hours and credits in 2nd semester the board resolve to reform the core paper -Operations Research in the third semester to second semester, on the same way they intimate to change the unit-5 Simulation modeling as Queuing theory in Operations Research.

4. The board suggested to reform the Core paper- Graph theory in the fourth semester to the third semester to reduce the burden of the students, regarding the projects in the last semester. In third semester the Elective III- Number theory paper reform into as Core paper instead of that Elective –III Discrete Mathematics paper were introduced.

5. The board resolve to introduce the revised syllabus for the following subjects Algebra, Ordinary differential equations, Complex Analysis, Partial differential equations, Topology, Mathematical methods, Solid Geometry, Introduction to special functions to enrich the content of the subject for the PG Mathematics.

6. Resolved to introduce and approve by the board for earning extra credits (Maximum 5 Credits) by the PG Mathematics students admitted from 2016- 2017 batch and onwards.

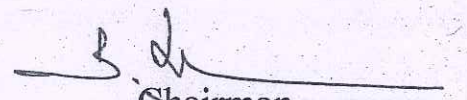7. Self study and online course

   Self-Study paper

S. No.	Course Code	Course Title
1.	16PMASS1	Modern Analysis - I
2	16PMASS2	Modern Analysis - II

   List of online courses prescribed by the department
   - Differential Equations in action
   - Visualizing Algebra
   - Applications of Integration
   - Sampling people, Networks and Records
   - Performance modeling and simulation

   Representation in /Social Activities/ Extra Curricular / Co-Curricular Activities/ Representation in Sports at University/ District/ State/ National/ International level can earn one extra credit.

8 No change in the existing scheme of examination and syllabus 2015-16 batch of M.Sc., Mathematics

9. Resolved to approve the Panel of question paper setters and Examiners for Evaluation in PG Mathematics

10. Resolved and approved Pattern of Question paper for PG Mathematics

11. The Board authorizes the Chairman to make any necessary change, if required.

Chairman 16|4|16

B. SATHEESH KUMAR M.Sc. M.Phil. PGDCA,
Hol   artment of Mathe
Dr N r Arts and Scien   ge,
            Kalapatti Road, Coimbatore