

BOS

MEETING MINUTES

2020 - 2021

HINDUSTHAN COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)
COIMBATORE-641 028
CONTROLLER OF EXAMINATIONS

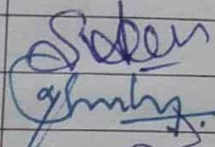
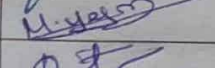
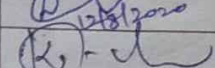
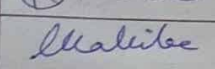
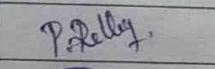
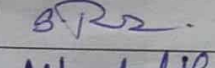
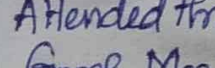
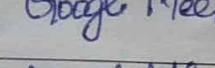
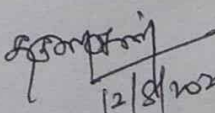
BOARD OF STUDIES MEETING in MATHEMATICS
(for the Academic year 2020-21)

Attendance Report

Date: 12.08.2020

Time: 1.30 P.M

Venue: IQAC CELL

	Name	Designation	Signature
Chairman	Dr.S.ANURADHA	Professor & Head	
Members (Internal)	1 Dr N.SIVAKUMAR	Professor	
	2 Dr M.YEGAMMAI	Associate Professor	
	3 Ms D. NITHYA	Assistant Professor	
	4 Dr K.SASIKALA	Assistant Professor	
	5 Ms D.MALLIKA	Assistant Professor	
	6 Ms P.REKHA	Assistant Professor	
	7 Ms S.RENUGADEVI	Assistant Professor	
External (Subject Experts)	1 Dr U.MARY	Head & Associate Professor, Nirmala College for Women, Red Fields, Coimbatore	Attended through Google Meet
	2DrA.K.ABDUL HAKEEM	Assistant Professor Ramakrishna Mission Vidyalaya College of Arts and Science, CBE	Attended through Google Meet
Industrial expert	Mr P.KRISHNAMOORTHY	Head HR ABT Limited, Coimbatore	Absent
Alumni	Ms M.NANDHINI	Assistant Professor, Department of Mathematics, Sree Narayanaguru College, Coimbatore	Attended through Google Meet
University Nominee	Dr D.GUNASEKARAN	Professor & Head, Department of Mathematics, PSG College of Arts and Science, Coimbatore	 12/8/2020

MINUTES OF BOARD OF STUDIES MEETING

The following resolutions were made in the BOARD OF STUDIES meeting held on 12.08.2020 in the Department of Mathematics through online/offline mode.

1. The Syllabi of III & IV semester of the BSc Mathematics and MSc Mathematics programmes for the students admitted during the Academic year 2019-2020 and onwards were approved.
2. The Scheme of examination of the Choice Based Credit System (CBCS) and Learning Outcomes based Curriculum Framework (LOCF) for various courses were discussed for the students admitted from the academic year 2020-2021 and onwards.
3. The Syllabi of I & II semester of the BSc Mathematics and MSc Mathematics programmes for the students admitted during the academic year 2020-2021 and onwards were approved.
4. The BOS of Mathematics discussed and resolved to introduce the syllabus of Mathematical Software – III (19MAP23) for M.Sc Mathematics.
5. The Syllabi of I, II semester of UG Allied Mathematics for the students admitted during the academic year 2020-2021 and onwards were approved.

COURSE	Semester I	Semester II
BBA/BBA(CA)/ BBA Logistics	Mathematics for Management I	Mathematics for Management II
B.Sc(CS)/B.Sc(IT)/B.Sc(CT)/ BCA	Mathematics for Computing	Numerical Methods
B.Sc(Physics)/ B.Sc(Electronics)	Applied Mathematics- I	Applied Mathematics- II

6. The Syllabi of I semester of PG Allied Mathematics for the students admitted during the academic year 2020-2021 and onwards were approved.

COURSE	Semester I
MCA	Mathematical Foundation for Computer Science

7. The Syllabi of III, IV semester of UG Allied Mathematics for the students admitted during the academic year 2019-2020 and onwards were approved.

COURSE	Semester III	Semester IV
B.Sc(Bio.Tech)	Biostatistics	-
B.Sc(Micro)	-	Biostatistics and Computers(Theory)
B.Sc(Micro)	-	Biostatistics and Computers(Practical)
B.Sc(CS)/B.Sc(IT)/B.Sc(CT)/ BCA	Operations Research	-
B.Com/ B.Com (CA)/ B.Com (IT) /B.Com (PA)/	Business Mathematics	Business Statistics

B.Com (AF)/ B.Com (BI)/ B.Com (IB)/ B.Com (CS)		
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8. Value added courses (Job Oriented Courses) were introduced as an extra credit courses for all semesters of the programmes and evaluation pattern discussed and approved.

B.Sc Mathematics

S.No	Subject code	Title of VAC course
1	(a)	Mathematics for Competitive Examination - I
2	(b)	Statistics for Data Analytics
3	(c)	SAS(Statistical Analysis System)
4	(d)	R Programming
5	(e)	Amazon Web Services
6	(f)	Big Data Analytics
7	(g)	Introduction to SPSS
8	(h)	Mathematics for Competitive Examination - II
9	(i)	Data Visualization Tools
10	(j)	Soft skills

M.Sc Mathematics

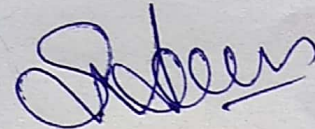
S.No	Subject code	Title of VAC course
1	(a)	Aptitude Skill
2	(b)	Numerical Ability
3	(c)	Statistics for Data Analytics
4	(d)	SAS(Statistical Analysis System)
5	(e)	Soft Skills
6	(f)	R Programming
7	(g)	Amazon Web Services
8	(h)	Big Data Analytics

9. Aptitude / Placement training/Online courses (Job Oriented Courses) are introduced as Skill Enhancement Courses (SEC) and grades will be provided for each semester and to be approved.

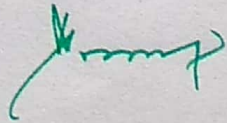
10. The updation in the Programme Educational Objectives (PEOs), Programme Outcomes (POs) and Course Outcomes (COs) were discussed and approved.

11. It is resolved that there is no changes are recommended in the existing scheme of Examinations from the academic year 2020-2021 and onwards.

12. Additional names for the panel of question paper setters and evaluators were included and It was approved.



Name & Signature of the Chairman (With seal)



PRINCIPAL

Hindusthan College of Arts and Science
Hindusthan Gardens Behind Nava India.
Coimbatore - 641 028.

Dr. S. ANURADHA,
M.Sc., M.B.A., M.Phil., PGDCA., Ph.D.,
Professor & Head,
PG & Research Dept. of Mathematics
Hindusthan College of Arts & Science
Coimbatore - 641 028

1. For I & II semester for the academic year 2020-21 (B.Sc Mathematics)

S.No	Sem	Subject code	Title of the subject
1	I	20MAU01	Algebra and Trigonometry with GEOGEBRA
2	I	20MAU02	Calculus with SCILAB
3	I	20MAU03	Mathematical Statistics I with LIBRE OFFICE
4	I	20MAU04	Practical I - GEOGEBRA, SCILAB, LIBRE OFFICE – I-LAB
5	II	20MAU05	Analytical Geometry of 3D with GEOGEBRA
6	II	20MAU06	Multivariate Calculus and Fourier Series with SCILAB
7	II	20MAU07	Mathematical Statistics II with LIBRE OFFICE
8	II	20MAU08	Practical II - GEOGEBRA, SCILAB, LIBRE OFFICE – II-LAB

2. For III & IV semester for the academic year 2019-20 (B.Sc Mathematics)

S.No	Sem	Subject code	Title of the subject
1	III	19MAU09	Statics
2	III	19MAU10	Differential equations and Laplace Transforms
3	III	19MAU12	C Programming
4	III	19MAU13	Practical III C Programming-LAB
5	IV	19MAU14	Dynamics
6	IV	19MAU15	Integral Transforms
7	IV	19MAU17	Python Programming
8	IV	19MAU18	Practical IV – Python Programming- LAB

3. For I& II semester for the academic year 2020-21 (M.Sc Mathematics)

S.No	Sem	Subject code	Title of the subject
1	I	20MAP01	Advanced Algebra with GEOGEBRA
2	I	20MAP02	Advanced Real Analysis
3	I	20MAP03	Ordinary Differential Equations with SCILAB
4	I	20MAP04	Numerical Methods
5	I	20MAP05	Mathematical Softwares –I
6	I	20MAP06	Practical I:Mathematical Softwares – I- LAB
7	II	20MAP07	Advanced Complex Analysis with TABLEAU

8	II	20MAP08	Partial Differential Equations with SCILAB
9	II	20MAP09	Mechanics
10	II	20MAP10	Optimization Techniques
11	II	20MAP11	Fuzzy logic and fuzzy set.

4. For III & IV semester for the academic year 2019-20 (M.Sc Mathematics)

S.No	Sem	Subject code	Title of the subject
1	III	19MAP12	Topology
2	III	19MAP13	Advanced Topics in Fluid Dynamics
3	III	19MAP14	Probability theory and Mathematical statistics
4	III	19MAP15A	Elective – I: Graph Theory (Or)
5	III	19MAP15B	Elective – I: Stochastic Differential Equations
6	III	19MAP16	Mathematical Softwares –II
7	III	19MAP17	Practical II: Mathematical Softwares–II- LAB
8	IV	19MAP18	Functional Analysis
9	IV	19MAP19	Mathematical Methods
10	IV	19MAP20	C++ Programming (Theory)
11	IV	19MAP21	Practical III: C++ Programming- LAB
12	IV	19MAP22A	Elective – II: Magneto Hydro Dynamics (Or)
13	IV	19MAP22B	Elective – II: Operator Theory
14	IV	19MAP23	Practical IV: Mathematical Softwares –III- LAB
15	IV	19MAP24	Project Work

5. For I & II semester for the academic year 2020-21(UG Allied)

S.No	Sem	Subject code	Title of the subject
1	I	20BBU03	Mathematics for Management I
2	I	20BCU04	Mathematics for Management I
3	I	20BLU03	Mathematics for Management I
4	I	20CEU03	Mathematics for Computing
5	I	20ITU03	Mathematics for Computing
6	I	20CTU03	Mathematics for Computing
7	I	20CAU03	Mathematics for Computing
8	I	20PHU03	Applied Mathematics I
9	I	20ELU03	Applied Mathematics I
10	II	20BBU06	Mathematics for Management II
11	II	20BCU08	Mathematics for Management II
12	II	20BLU06	Mathematics for Management II
13	II	20CEU07	Numerical Methods
14	II	20ITU07	Numerical Methods
15	II	20CTU07	Numerical Methods
16	II	20CAU07	Numerical Methods
17	II	20PHU07	Applied Mathematics II
18	II	20ELU06	Applied Mathematics II

6. For III & IV semester for the academic year 2019-20 (UG Allied)

S. No	Sem	Subject code	Title of the subject
1	III	19BTU11	Biostatistics
2	III	19CEU12/19ITU12/19CTU12/19CAU12	Operations Research
3	III	19COU12/19CCU12/19CIU12/19PAU12/ 19CFU12/19BAU12/19CBU12/19CSU11	Business Mathematics
4	IV	19COU17/19CCU17/19CIU17/19PAU17/ 19CFU17/19BAU17/19CBU17/19CSU16	Business Statistics
5	IV	19MBU17	Biostatistics and Computers(Theory)
6	IV	19MBU18	Biostatistics and Computers (Practical)

7. For I & II semester for the academic year 2020-21 (PG Allied)

S.No	Sem	Subject code	Title of the subject
1	I	20MCP04	Mathematical foundations for Computer Science

8. Panel of question paper setters (Give minimum 10 experts)

DEPARTMENT: Mathematics

S. No	Name & Designation	College Address	Mobile Number and E-Mail ID	No. of years of Teaching Experience	Specialized Subjects
1.	D.Saravanan Assistant Professor	Chikkanna Government Arts College Tiruppur	9489457945 dsara06@gmail.com	25	Fuzzy Algebra
2.	Dr.U.Mary Associate Professor,Head of the Department of Mathematics	Nirmala College for women , Coimbatore	9994359602	25	Graph Theory
3.	Dr.K.Sumathi	PSGR Krishnammal College for Women	9842204621	24	Fluid Dynamics Numerical Methods
4.	Dr.M.LathaMaheswari Associate Professor,Head of the Department of Mathematics	P.S.G.Colleg e of Arts and Science, Coimbatore	9865327759 lathamahespsg @gmail.com	20	Differential Equations
5.	Dr. N Akbar Ali Assistant Professor	Government Arts & Science College , Mettupalaya m	8760241180 umuakbar@gma il.com	17	Graph Theory
6.	Dr.K. Sakthivel Assistant Professor	Government Arts & Science College , Udumalpet	9842030313 sakthivelaugust1 5@gmail.com	17	Fuzzy Topology
7.	Dr.AbdulHakkeem Assistant Professor	Sri Ramakrishna Mission Vidyalaya College of Arts &Science , Coimbatore	9442401998 drabdulmaths@ gmail.com	13	Fluid Dynamics
8.	S.Sridevi Assistant Professor	Vidyasagar College of Arts & Science , Udumalpet	9442074221 sriyukana22@g mail.com	13	Topology
9.	V.Selvi	Vidyasagar College of Arts & Science , Udumalpet	7373847922 Vselvi.vselvi56 @gmail.com	8	Topology
10	M.Nandhini	Sree Narayana Guru College of Arts and Science	8695114354, nandhini.greeny 21@gmail.com	6	Operations Research and Graph Theory