



Estd. 1919

NATIONAL COLLEGE (AUTONOMOUS)

Tiruchirappalli – 620 001, Tamil Nadu, India

(Affiliated to Bharathidasan University)

Nationally Reaccredited with 'A+' Grade by NAAC

With CGPA of 3.61 on 4.00 Scale

College with Potential For Excellence

www.nct.ac.in / principal@nct.ac.in / +91 (431)2482 995

BOS

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From

Dr.K.KUMAR,
Vice Principal, Dean – School of Commerce,
Associate Professor & Head,
PG & Research Department of Commerce,
National College (Autonomous)
Tiruchirappalli-620 001.

To


THE PRINCIPAL
National College (Autonomous)
Tiruchirappalli-620 001.

Sir,

Sub: Department of Commerce (BPS) - Framed and Updating of Syllabus – 2021-2022 onwards Board of Studies Meet – Minutes Enclosed – Reg.

The meeting of Board of Studies of Department of Commerce (BPS) held on 06.01.2022 (Thursday) at 10.30 a.m. at Library A/C Conference Hall to finalize the syllabus for courses of B.Com (BPS) Programme. After the detailed deliberation and discussion, some modifications were carried out in the syllabus. The following members were present for the Board Meeting.

University Nominee: Dr. S. Mohan Principal, SKSS Arts College, Thirupanandhal, Thiruvidaimarudur, Thanjavur District.	Dr.R.Sundararaman Principal National College (Autonomous) Tiruchirappalli - 620 001.
Industrial Nominee - TCS: Mr. Stephen Dinakaran Academic Interface Program Human Resources Tata Consultancy Services Ltd., Chennai, Tamil Nadu.	Dr.K.Kumar Vice Principal, Dean – School of Commerce, Associate Professor & Head, PG & Research Department of Commerce, National College (Autonomous) Tiruchirappalli - 620 001.
Subject Matter Expert - TCS: Mr. Joshua Jasper Assistant General Manager – F&A Operations Tata Consultancy Services Ltd., Chennai, Tamil Nadu.	Dr.H.Lakshmi Priya Head & Assistant Professor Department of B.Com (BPS) School of Commerce National College (Autonomous) Tiruchirappalli – 620 001.
Subject Expert: Dr. V. Rengarajan Assistant Professor School of Management Sastra Deemed University Thanjavur.	Dr.R.Soundaravalli Head & Assistant Professor Department of BMS School of Commerce National College (Autonomous) Tiruchirappalli – 620 001.
Alumni: Mr. Santhosh Bharathwaj Chartered Accountant, Tiruchirappalli	

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ATTENDANCE OF THE FIRST BOARD OF STUDIES MEETING


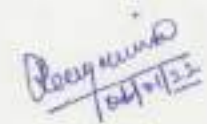



Faculty: Commerce

Board: Commerce (BPS)


Date : 06.01.2022

Time : 10.30 a.m.

Venue : Library A/C Conference Hall & Online Google Meet.

S.No	Name & Designation	Position	Signature
1.	Dr. S. Mohan Principal, SKSS Arts College, Thirupanandhal, Thiruvaidaimarudur, Thanjavur District.	University Nominee	
2.	Mr. Stephen Dinakaran Academic Interface Program Human Resources Tata Consultancy Services Ltd., Chennai, Tamil Nadu.	Industrial Nominee - TCS	Present*
3.	Mr. Joshua Jasper Assistant General Manager – F&A Operations Tata Consultancy Services Ltd., Chennai, Tamil Nadu.	Subject Matter Expert - TCS	Present*
4.	Dr. V. Rengarajan Assistant Professor School of Management Sastra Deemed University Thanjavur.	Subject Expert	
5.	Mr. Santhosh Bharathwaj Chartered Accountant, Tiruchirappalli	Alumni	
6.	Dr.R.Sundararaman Principal National College (Autonomous) Tiruchirappalli - 620 001.	Member	
7.	Dr.K.Kumar Vice Principal, Dean – School of Commerce, Associate Professor & Head, PG & Research Department of Commerce, National College (Autonomous) Tiruchirappalli - 620 001.	Member	

Cont.

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ATTENDANCE OF THE FIRST BOARD OF STUDIES MEETING

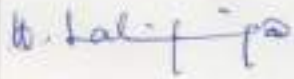
Faculty: Commerce

Board: Commerce (BPS)

Date : 06.01.2022

Time : 10.30 a.m.

Venue : Library A/C Conference Hall & Online Google Meet.

S.No	Name & Designation	Position	Signature
8.	Dr.H.Lakshmi Priya Head & Assistant Professor Department of B.Com (BPS) School of Commerce, National College (Autonomous) Tiruchirappalli – 620 001.	Member	
9.	Dr.R.Soundaravalli Head & Assistant Professor Department of BMS School of Commerce, National College (Autonomous), Tiruchirappalli – 620 001.	Member	- ABSENT -

*Virtual Meeting Attendees – Signature not required

Date : 06.01.2022


 (Dr. K. Kumar)



Siva Siva

Sri-La-Sri Kasivasi Swaminatha Swamigal Arts College

Thiruppanandal - 612 504, Thanjavur District, Tamil Nadu

(Accredited with B++ Grade by NAAC)

(President & Patron : "Kailaimaamunivar")

Sri-La-Sri Kasivasi Muthukumaraswami Thambiran Swamigal Avargal, Head of Sri Kasi Muti)

Phone : 0435 - 2456299, 2456844, email : skssac@rediffmail.com www.skssartscollege.com

Dr. S. Mohan, M.Com., M.B.A., M.Phil., Ph.D.,

Principal

19-9-22

Dear Sir,

Greetings.

As you asked, the no objection form
duly signed by me is sent herewith.
Kindly accept.

Thanking you.

Yours sincerely

Dr. S. Mohan

Dear member of Board of Studies,

We would like to bring to your kind notice that the syllabus approved by you for the B.COM BPS programme in the academic year beginning 2021 will be followed in the three year cycle beginning from 2022 as well to maintain uniformity. So, we request you to give your stamp of approval as the member of Board of Studies by signing the following document.

I, S. MOHAN do not have any objections to continuing the syllabus approved by the Board of Studies in the year 2021 to be followed in the three year cycle beginning from the academic year 2022.

S. MOHAN
Dr. S. MOHAN
M.Com., M.B.A., M.Phil., Ph.D.
Principal
SKSS Arts College
Thiruppanandal - 612 504

Dear member of Board of Studies,

We would like to bring to your kind notice that the syllabus approved by you for the B. Com BBS programme in the academic year beginning 2021 will be followed in the three year cycle beginning from 2022 as well to maintain uniformity. So, we request you to give your stamp of approval as the member of Board of Studies by signing the following document.

I, STEPHEN DINAKARAN do not have any objections to continuing the syllabus approved by the Board of Studies in the year 2021 to be followed in the three year cycle beginning from the academic year 2022.


Stephen Dinakaran
21/9/22

Dear member of Board of Studies,

We would like to bring to your kind notice that the syllabus approved by you for the B.Com BPS programme in the academic year beginning 2021 will be followed in the three year cycle beginning from 2022 as well to maintain uniformity. So, we request you to give your stamp of approval as the member of Board of Studies by signing the following document.

I, V. RENJAN do not have any objections to continuing the syllabus approved by the Board of Studies in the year 2021 to be followed in the three year cycle beginning from the academic year 2022.


School of Management
SASTRA Deemed University
Thanjavur-613 401.
Associate Professor

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MINUTES OF THE FIRST BOARD OF STUDIES MEETING

Faculty: Commerce

Board: Commerce (BPS)

The Meeting of Board of Studies (BoS) was held as given below:

Name of the Body	Board of Studies
Department	Commerce with Business Process Services
Meeting No.	01
Date & Time	06.01.2022 & 10.30 a.m.
Venue	Library A/C Conference Hall, National College (Autonomous)
Members Attended	The details are given in Attendance

AGENDA

01.	Discussion on I to VI semesters syllabus of B.Com (BPS): Batch 2021 - 2024
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The chairman of BoS welcomed all the panel members of the meeting. The item listed in the agenda was taken for discussion.

Item No. 1	Syllabus of B.Com (BPS): Batch 2021 - 2024
Discussion	<p>The Board discussed the Curriculum and Syllabus for I to VI Semesters B.Com (BPS), Batch 2021 – 2024 in detail.</p> <ul style="list-style-type: none"> • U21BP4 – Financial Accounting II – II Semester – Dr. V. Rengarajan, Subject Expert suggested to include Fire Insurance Claims in Unit V • U21BP8 – Corporate Accounting – V Semester - Dr. V. Rengarajan, Subject Expert suggested to exclude Accounting Standards. • U21BP9 – Income Tax Law and Practice – V Semester – Mr. Santhosh Bharathwaj, Alumni suggested to include



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	Introduction to GST and also suggested to include new branches of accounting like HR accounting.
Resolution	The Board resolved to approve the above said matters. After due deliberations by the members, the board approved the syllabus.

The Chairman of Board of Studies (BoS) thanked all the members for their active participation and cordially invited them for the next meeting.

Date: 06.01.2022



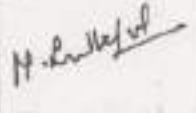




(Dr.K.Kumar)


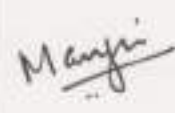
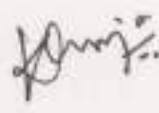
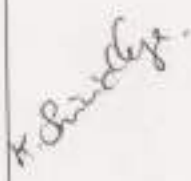
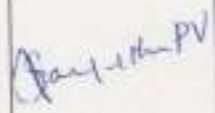
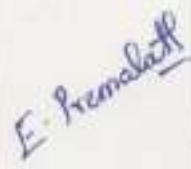
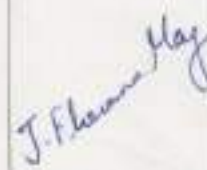
Dr.K.KUMAR
Vice Principal - Commerce
Dean - School of Commerce
Associate Professor and Head
and Research Department of Commerce
(National College - Autonomous)


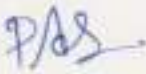
NATIONAL COLLEGE (AUTONOMOUS), TRICHY – 620 001
PG AND RESEARCH DEPARTMENT OF MATHEMATICS

MINUTES OF THE MEETING OF THE BOARD OF STUDIES

The meeting of the Board of Studies in Mathematics was held on May 20, 2016 at 10.00 am at Department of Mathematics. The following members were present.

S.No	NAME	ROLE	SIGNATURE
1.	Dr.U.Karupiah Associate Professor, Department of Mathematics, St.Joseph's College Tiruchirappalli- 620 002	Subject Expert	
2.	Dr.R.Krishnakumar Department of Mathematics, Urumu Dhanalakshmi College, Kattur, Tiruchirappalli -620 019.	Subject Expert	
3.	Mr.M.Senthilvel Associate Professor and Head, PG and Research Department of Mathematics, National College (Autonomous) Tiruchirappalli -620 001.	BoS Convener	
4.	Major Dr. D.Muthuramakrishnan, Associate Professor, PG and Research Department of Mathematics, National College (Autonomous) Tiruchirappalli -620 001.	Co-ordinator	
5.	Dr.P.Shanmuganandam, Associate Professor, PG and Research Department of Mathematics, National College (Autonomous) Tiruchirappalli -620 001	Co-ordinator	
6.	Dr.A.Vijayasankar, Assistant Professor, PG and Research Department of Mathematics, National College (Autonomous)	Co-ordinator	

	Tiruchirappalli -620 001		
7.	Dr.S.Sriram, Assistant Professor, PG and Research Department of Mathematics, National Colleg (Autonomous) Tiruchirappalli -620 001	Co-ordinator	
8.	Dr. Manju Somanath, Assistant Professor, PG and Research Department of Mathematics, National College (Autonomous), Tiruchirappalli -620 001	Co-ordinator	
9.	Mr.K.Raja, Assistant Professor, PG and Research Department of Mathematics, National College (Autonomous) Tiruchirappalli -620 001	Co-ordinator	
10.	Mrs.K.Srividhya, Assistant Professor, PG and Research Department of Mathematics, National College (Autonomous) Tiruchirappalli -620 001	Co-ordinator	
11.	Mrs.V.Sangeetha, Assistant Professor, PG and Research Department of Mathematics, National College (Autonomous) Tiruchirappalli -620 001	Co-ordinator	
12.	Mrs..E.Premalatha, Assistant Professor, PG and Research Department of Mathematics, National College (Autonomous) Tiruchirappalli -620 001	Co-ordinator	
13.	Mrs.J. Florance Mary, Assistant Professor, PG and Research Department of Mathematics, National College (Autonomous) Tiruchirappalli -620 001	Co-ordinator	

14.	Mrs.C.Sheela Assistant Professor, PG and Research Department of Mathematics, National College (Autonomous) Tiruchirappalli -620 001	Co-ordinator	
15.	Mrs. P. Ambika, Assistant Professor, PG and Research Department of Mathematics, National College (Autonomous) Tiruchirappalli -620 001	Co-ordinator	

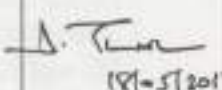



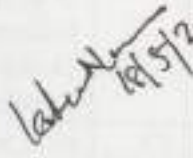

The board recommended the following changes for the Students admitted from the academic year 2016 - 2017 onwards:

1. It is resolved to include 75% of core and elective courses from the TANSCHÉ syllabus.
2. As per the Department Advisory Board, in this BoS (2016 - 2017), 20% of the existing syllabus is revised .
3. It is resolved to provide credits to all the core courses with respect to the contact hours.
4. It is resolved to give 5 credits for core courses, 4 credits for elective courses, 3 credits for ancillary courses, 3 credits for practical papers and 2 credits for all other papers in the UG course.
5. It is resolved to follow same credits for Tamil and English as per TANSCHÉ regulations.
6. We have discussed to add Value added courses for B.Sc. and M.Sc. Programs.
7. As per the Department Advisory Board in the BOS meeting the following Skill Based Elective papers are included (i) Office Automation (ii) Desktop Publishing (iii) Office Automation & Desktop Publishing (Practical) for B.Sc .
8. It is resolved to include `the following papers C++ Programming theory and practical, Fluid Dynamics for M.Sc.




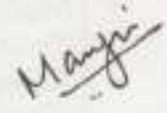
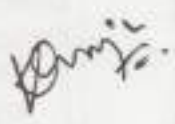
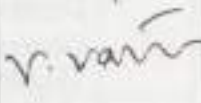

NATIONAL COLLEGE (AUTONOMOUS), TRICHY – 620 001
PG AND RESEARCH DEPARTMENT OF MATHEMATICS

MINUTES OF THE MEETING OF THE BOARD OF STUDIES

The meeting of the Board of Studies in Mathematics was held on May 18, 2019 at 10.00 am at Library Conference Hall. The following members were present.

S.No	NAME	ROLE	SIGNATURE
1.	Dr.A.Tamilselvan, Professor and Head chair, Department of Mathematics, Bharathidasan University, Tiruvhirappalli- 620 024	Bharathidasan University Nominee	 18-5-2019
2.	Dr.B.Gayathri, Associate Professor, PG department of Mathematics, Thanthai Periyar E.V.R College (Autonomous), Tiruchirappalli – 620 020	Subject Expert	 18-5-19
3.	Dr.D.Muthukumar, Associate Professor and Dean of Science, Department of Mathematics, Saraswathi Narayanan College (Autonomous), Perungudi, Madurai- 625 022	Subject Expert	 15-5-19
4.	Dr. P.Anbalagan, Assistant Professor, Department of Mathematics, Government Arts College, Tiruchirappalli-620 022	Alumni Representative	 18/5/19
5	Mr. Lakshmi Narasimhan, Working Partner, Shri Vinayaka Engineering , Thanjavur main road, Pudukottai.	Industrial Representative	 18/5/2019
6.	Major Dr. D.Muthuramakrishnan, Associate Professor, Head and Vice- Principal (Aided), PG and Research Department of Mathematics, National College (Autonomous) Tiruchirappalli -620 001.	BoS Convener	

CHAIRMAN'S
INITIAL

7.	Dr.P.Shanmuganandam, Associate Professor, PG and Research Department of Mathematics, National College (Autonomous) Tiruchirappalli -620 001	Co-ordinator	
8.	Dr.A.Vijayasankar, Assistant Professor, PG and Research Department of Mathematics, National College (Autonomous) Tiruchirappalli -620 001	Co-ordinator	
9.	Dr.S.Sriram, Assistant Professor, PG and Research Department of Mathematics, National Colleg (Autonomous) Tiruchirappalli -620 001	Co-ordinator	
10.	Dr. Manju Somanath, Assistant Professor, PG and Research Department of Mathematics, National College (Autonomous), Tiruchirappalli -620 001	Co-ordinator	
11.	Mr.K.Raja, Assistant Professor, PG and Research Department of Mathematics, National College (Autonomous) Tiruchirappalli -620 001	Co-ordinator	
12.	Dr.V.Vanitha, Assistant Professor, PG and Research Department of Mathematics, National College (Autonomous) Tiruchirappalli -620 001	Co-ordinator	
13.	Dr.T.Siva Subramania Raja, Assistant Professor, PG and Research Department of Mathematics, National College (Autonomous) Tiruchirappalli -620 001	Co-ordinator	

CHAIRMAN'S
INITIAL

16.	Dr.K.Srividhya, Assistant Professor, PG and Research Department of Mathematics, National College (Autonomous) Tiruchirappalli -620 001	Co-ordinator	<i>K.Srividhya</i>
17.	Dr.V.Sangeetha, Assistant Professor, PG and Research Department of Mathematics, National College (Autonomous) Tiruchirappalli -620 001	Co-ordinator	<i>V.Sangeetha</i>
18.	Dr.E.Premalatha, Assistant Professor, PG and Research Department of Mathematics, National College (Autonomous) Tiruchirappalli -620 001	Co-ordinator	<i>E.Premalatha</i>
19.	Mrs.J.Florance Mary, Assistant Professor, PG and Research Department of Mathematics, National College (Autonomous) Tiruchirappalli -620 001	Co-ordinator	<i>J.Florance Mary</i>
20.	Mrs. P. Ambika, Assistant Professor, PG and Research Department of Mathematics, National College (Autonomous) Tiruchirappalli -620 001	Co-ordinator	<i>P.Am</i>
21.	Dr.V.Shanthoshini Deviha, Assistant Professor, PG and Research Department of Mathematics, National College (Autonomous) Tiruchirappalli -620 001	Co-ordinator	<i>V.D</i>
22.	Dr.B.Anitha, Assistant Professor, PG and Research Department of Mathematics, National College (Autonomous) Tiruchirappalli -620 001	Co-ordinator	<i>Anitha</i>

23	Dr.C.Gurubaran, Assistant Professor, PG and Research Department of Mathematics, National College (Autonomous) Tiruchirappalli -620 001	Co- ordinator	<i>C.G.</i>
24.	Dr. K.Bhagyasri, Assistant Professor, PG and Research Department of Mathematics, National College (Autonomous) Tiruchirappalli -620 001	Co- ordinator	<i>K.B.</i>
25	Mr.P.Mathivanan, Assistant Professor, PG and Research Department of Mathematics, National College (Autonomous) Tiruchirappalli -620 001	Co- ordinator	<i>P.Mathi</i>
26.	Dr.A. Joel Suresh, Assistant Professor, PG and Research Department of Mathematics, National College (Autonomous) Tiruchirappalli -620 001.	Co- ordinator	<i>A.J.S.</i>
27.	Mrs.S.Gayathri, Assistant Professor, PG and Research Department of Mathematics, National College (Autonomous) Tiruchirappalli -620 001.	Co- ordinator	<i>S.G.</i>
28.	Dr.V.Prakash, Assistant Professor, PG and Research Department of Mathematics, National College (Autonomous) Tiruchirappalli -620 001	Co- ordinator	<i>V.P.</i>

The board recommended the following changes for the Students admitted from the academic year 2019 - 2020 onwards:

1. It is resolved to include 75% of core and elective courses from the TANSCHÉ syllabus.

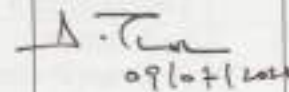





CHAIRMAN'S
INITIAL

2. As per the Department Advisory Board, in this BoS (2019 - 2020), 20% of the existing syllabus is revised .
3. It is resolved to provide equal credits to all the core courses irrespective of contact hours.
4. It is resolved to give 5 credits for core courses, 4 credits for elective courses, 3 credits for ancillary courses, 3 credits for practical papers and 2 credits for all other papers in the UG course.
5. It is resolved to follow same credits for Tamil and English as per TANSICHE regulations.
6. It is resolved to add Value added courses like i) R-Programming ii) Latex and iii) Scilab to B.Sc. and M.Sc. Programs.
7. It is resolved to include the marks of value added courses in the mark statement, and to exclude in the CGPA calculation.
8. It is recommended by the industrialist to conduct career guidance classes per semester with the external expert and also to have an Industrial visit once a year.
9. It is recommended by the BoS to have the new structure for M.Sc. course with the following components: 4 core courses and 1 elective course in I , II ,3 core courses and 2 elective course III semester and 3 core courses, 1 elective course and 1 project work for IV semester.
10. Probability and statistics with queuing theory, Real Analysis II and Differential Geometry papers were included instead of C++ Programming theory and practical, Fluid Dynamics papers for M.Sc.






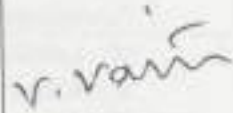

NATIONAL COLLEGE (AUTONOMOUS), TRICHY – 620 001
PG AND RESEARCH DEPARTMENT OF MATHEMATICS

MINUTES OF THE MEETING OF THE BOARD OF STUDIES

The meeting of the Board of Studies in Mathematics was held on 09.07.2022 at 10.10 am at Audio-Visual Hall. The following members were present




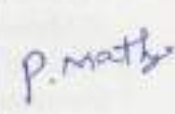


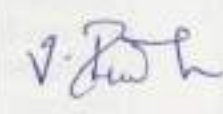
S.No	NAME	ROLE	SIGNATURE
1.	Dr.A.Tamilselvan, Professor and Head chair, Department of Mathematics, Bharathidasan University, Tiruvhirappalli- 620 024	Bharathidasan University Nominee	 09/07/2022
2.	Dr.B.Gayathri, Associate Professor, PG department of Mathematics, Thanthai Periyar E.V.R. College (Auonomous), Tiruchirappalli – 620 020	Subject Expert	 09/07/22
3.	Dr.D.Muthukumaran, Associate Professor and Dean of Science, Department of Mathematics, Saraswathi Narayanan College (Autonomous), Perungudi, Madurai- 625 022	Subject Expert	 15.7.2022
4.	Dr. P.Anbalagan, Assistant Professor, Department of Mathematics, Government Arts College, Tiruchirappalli-620 022	Alumni Representative	 09/07/22
5	Mr. Lakshmi Narasimhan, Working Partner, Shri Vinayaka Engineering , Thanjavur main road, Pudukottai.	Industrial Representative	 09/07/2022
6.	Major Dr. D.Muthuramakrishnan, Associate Professor, Head and Vice- Principal (Aided), PG and Research Department of Mathematics, National College (Autonomous) Tiruchirappalli -620 001.	BoS Convener	

CHAIRMAN'S
INITIAL

7.	Dr.P.Shanmuganandam, Associate Professor, PG and Research Department of Mathematics, National College (Autonomous) Tiruchirappalli -620 001	Co-ordinator	
8.	Dr.A.Vijayasankar, Assistant Professor, PG and Research Department of Mathematics, National College (Autonomous) Tiruchirappalli -620 001	Co-ordinator	
9.	Dr.S.Sriram, Assistant Professor, PG and Research Department of Mathematics, National Colleg (Autonomous) Tiruchirappalli -620 001	Co-ordinator	
10.	Dr. Manju Somnath, Assistant Professor, PG and Research Department of Mathematics, National College (Autonomous), Tiruchirappalli -620 001	Co-ordinator	
11.	Mr.K.Raja, Assistant Professor, PG and Research Department of Mathematics, National College (Autonomous) Tiruchirappalli -620 001	Co-ordinator	
12.	Dr.V.Vanitha, Assistant Professor, PG and Research Department of Mathematics, National College (Autonomous) Tiruchirappalli -620 001	Co-ordinator	
13.	Dr.T.Siva Subramania Raja, Assistant Professor, PG and Research Department of Mathematics, National College (Autonomous) Tiruchirappalli -620 001	Co-ordinator	

CHAIRMAN'S
INITIAL

14.	Dr.K.Srividhya, Assistant Professor, PG and Research Department of Mathematics, National College (Autonomous) Tiruchirappalli -620 001	Co-ordinator	<i>K. Srividhya</i>
15.	Dr. K.Bhagyasri, Assistant Professor, PG and Research Department of Mathematics, National College (Autonomous) Tiruchirappalli -620 001	Co-ordinator	<i>K.B. Bhagyasri</i>
16.	Dr.V.Krithika, Assistant Professor, PG and Research Department of Mathematics, National College (Autonomous) Tiruchirappalli -620 001	Co-ordinator	<i>Will</i>
17.	Dr.V.Sangeetha, Assistant Professor, PG and Research Department of Mathematics, National College (Autonomous) Tiruchirappalli -620 001	Co-ordinator	<i>Sangeetha V</i>
18.	Dr.E.Premalatha, Assistant Professor, PG and Research Department of Mathematics, National College (Autonomous) Tiruchirappalli -620 001	Co-ordinator	<i>E. Premalatha</i>
19.	Mrs.J. Florance Mary, Assistant Professor, PG and Research Department of Mathematics, National College (Autonomous) Tiruchirappalli -620 001	Co-ordinator	<i>J. Florance Mary</i>
20	Mrs. P. Ambika, Assistant Professor, PG and Research Department of Mathematics, National College (Autonomous) Tiruchirappalli -620 001	Co-ordinator	<i>P.A.S.</i>

21.	Dr. V. Shanthoshini Deviha, Assistant Professor, PG and Research Department of Mathematics, National College (Autonomous) Tiruchirappalli -620 001	Co-ordinator	
22	Dr. B. Anitha, Assistant Professor, PG and Research Department of Mathematics, National College (Autonomous) Tiruchirappalli -620 001	Co-ordinator	
23	Dr. C. Gurubaran, Assistant Professor, PG and Research Department of Mathematics, National College (Autonomous) Tiruchirappalli -620 001	Co-ordinator	
24.	Mr. P. Mathivanan, Assistant Professor, PG and Research Department of Mathematics, National College (Autonomous) Tiruchirappalli -620 001	Co-ordinator	
25	Dr. A. Joel Suresh, Assistant Professor, PG and Research Department of Mathematics, National College (Autonomous) Tiruchirappalli -620 001.	Co-ordinator	
26.	Mrs. S. Gayathri, Assistant Professor, PG and Research Department of Mathematics, National College (Autonomous) Tiruchirappalli -620 001.	Co-ordinator	
27.	Dr. V. Prakash, Assistant Professor, PG and Research Department of Mathematics, National College (Autonomous) Tiruchirappalli -620 001	Co-ordinator	

CHAIRMAN'S
INITIAL

The board recommended the following changes for the Students admitted from the academic year 2022 – 23 onwards:

1. It is resolved to include 75% of core and elective courses from the TANSCHÉ syllabus.
2. As per the Department Advisory Board, in this BoS (2022-2023), 20% of the existing syllabus is revised with the mapping of course outcome and program outcome.
3. It is resolved to provide equal credits to all the core courses irrespective of contact hours.
4. It is resolved to give 5 credits for core courses, 4 credits for elective courses, 3 credits for ancillary courses, 3 credits for practical papers and 2 credits for all other papers in the UG course.
5. It is resolved to follow same credits for Tamil and English as per TANSCHÉ regulations.
6. It is resolved to add Value added courses like i) Java ii) R- Programming iii) Latex iv) Scilab v) Python to B.Sc. and M.Sc. Programs.
7. It is resolved to include the marks of value added courses in the mark statement, and to exclude in the CGPA calculation.
8. It is recommended by the BoS to have the new structure for M.Sc. course with the following components: 5 or 4 core courses and 1 elective course in I semester, 3 core courses, 1 elective course and 1 Non major elective course with 2 credits for II and III semester and 2 core courses, 2 elective courses and 1 project work for IV semester.
9. It is recommended by the industrialist to conduct career guidance classes per semester with the external expert and also to have an Industrial visit once a year.
10. As per the Department Advisory Board in the BOS meeting the following papers are changed (i) Quantitative Aptitude -I (ii) Quantitative Aptitude -II (iii) Verbal Non-Verbal Reasoning instead of (i) Office Automation (ii) Desktop Publishing (iii) Office Automation & Desktop Publishing (Practical).

DEPARTMENT of B.VOC INFORMATION AND COMMUNICATION TECHNOLOGY

2020-2023

NATIONAL COLLEGE (Autonomous), Trichy.

Minutes of Board of Studies

Minutes of the Board of Studies meeting B.VOC - ICT held on 17.09.2021 in Computer Lab - 2 at 09:30 a.m. The following members were present in the Meeting:

S.No.	Name	Position	Signature
1	Dr.M.Balamurugan Prof. & Head Department of Computer Science, Bharathidasan University, Trichy	University Nominee	M. Balamurugan 17/9/2021
2	Dr. George Gabriel Richard Roy Assistant Professor, Dept. of IT, Coordinator, Dept of B.Voc SD & SA St. Joseph's College (Autonomous), Trichy.	Subject Expert	G. G. R. Roy 17/9/2021
3	Mr.L.Johnson Managing Director & CEO, Shalom Info Tech Private Limited, Trichy.	Industrial Expert	L. Johnson 17/9/21
4	Ms. S. Sumathy Head Campus Hiring and Engagement VDart Software Services Pvt.Ltd. Trichy.	Industrial Expert	S. Sumathy 17/9/21
5	P.Marimuthu Graphics Designer, Scientific Publication Ltd., Trichy.	Alumnus	P. Marimuthu 17/09/21
6	Ms. R.Rajalakshmi Coordinator, B.VOC ICT National College, Trichy.	Coordinator	R. Rajalakshmi 17/09/21

At the onset, Coordinator of the B.VOC ICT Department welcomed the members to the Board of Studies Meeting and then the progress of the Department was briefed.

The Board of Studies Members expressed their highly appreciation and satisfaction about the courses and activities of the Department.

B. Muthukumar
29/9/21

Dr. B. MUTHUKUMAR,
Vice - Principal & Dean of Science,
Asso. Professor & Head of Botany
National College (Autonomous),
Tiruchirappalli - 620 001,
Tamil Nadu, India.

The BOS Members decided to follow the present curriculum of the B.VOC -ICT and they suggested the following changes to enhance the new syllabus.

Year	Semester	Changes made
II	III	<ul style="list-style-type: none"> In III Semester according to the UGC-NSQF Level 6 "Master Trainer For Junior Software Developer"- SSC/Q0509 qualification pack is considered. Oops with C++ was suggested to be included in the skill component. CSS is to be added in Unit IV & V in Web designing using HTML. Cyber Security awareness, using Forums and Communities with searching techniques were suggested to be added in Unit II and III in Internet Lab and Theory.
	IV	<ul style="list-style-type: none"> In IV Semester according to the UGC-NSQF Level 6 "Master Trainer For Junior Software Developer"- SSC/Q0509 qualification pack is considered. Software Engineering was suggested to be included in the General component. JavaScript lab was suggested to be included in the skill component. Laravel MVC PHP framework was suggested to be included in the PHP Lab.
	V	<ul style="list-style-type: none"> In V Semester according to the UGC-NSQF Level 7 "Junior Data Associate/SSC-Q0401-Level-7" qualification pack is considered. C# and .NET were suggested to be included in General Component. Digital Marketing was suggested to be included in General Component. Google Lab, .Net-lab and Advance Excel^{lab} were suggested to be included in the skill component.
III	VI	<ul style="list-style-type: none"> In V Semester according to the UGC-NSQF Level 7 "UI DEVELOPER- SSC/Q0502" qualification pack is considered. User Interface, User Experience and testing was suggested to be included in General Component. Illustrator and Animate tools were suggested to be included in Graphics lab-I. Raspberry-pi^{Node} was suggested to include in IoT lab.

Faculty Members

1. Dr. P.S.S. Akilashri

P.S.S. Akilashri
17/9/21

2. Dr. M. Anusha

M. Anusha
17/9/21

3. Dr. T. Arulmozhidevan

T. Arulmozhidevan
17/9/2021

**DEPARTMENT of B.VOC INFORMATION AND COMMUNICATION
TECHNOLOGY - 2020**

NATIONAL COLLEGE (Autonomous), Trichy.

Minutes of Board of Studies

Minutes of the Board of Studies meeting (Computer Science Department) held on 31.12.2020
in Computer Lab - 2 at 10:00 am.

The following members were present in the Meeting:

S.No.	Name	Position	Signature
1	Dr.M.Bala Murugan Prof. & Head Department of Computer Science, Bharathidasan University, Trichy	University Nominee	M.T. 31/12/2020
2	Dr. George Gabriel Richard Roy Assistant Professor, Dept. of IT, Coordinator, Dept of B.Voc SD & SA St. Joseph's College (Autonomous), Trichy-2.	Subject Expert	Richard 31/12/2020
3	Ms. S. Sumathy Head Campus Hiring and Engagement VDart Software Services Pvt.Ltd.	Industrial Expert	Sumathy
4	P.Marimuthu Graphics Designer, Scientific Publication Ltd., Trichy.	Alumnus	Marimuthu
5	Ms. R.Rajalakshmi Coordinator, B.Voc ICT National College, Trichy.	Coordinator	R. Rajesh

At the onset, Coordinator of the B.Voc ICT Department welcomed the members to the Board of Studies Meeting and then the progress of the Department is briefed.

The Board of Studies Members expressed their highly appreciation and satisfaction about the courses and activities of the Department.

The BOS Members decided to follow the present curriculum of the B.Voc -ICT and they suggested the following changes to enhance the existing syllabus.

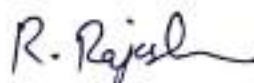
Year	Semester	Changes made
I	I	<ul style="list-style-type: none"> • In I Semester according to the UGC-NSQF Level 4 "Junior Software Developer" qualification pack(SSC/Q0508) is considered. • Basic Maths and Statistics is suggested as Allied1 and Allied2 for the first year. • Business Communication is included as one of the skill components. • Based on the programming skill Case study-I is added in Semester I. • Algorithm and Flowchart is suggested to be added in Unit V Introduction to Information and Communication Technology.
	II	<ul style="list-style-type: none"> • In II Semester according to the UGC-NSQF Level 5 "Media Developer" qualification pack(SSC/Q0504) is considered. • Game Development using Python is included. • Based on the Animation Techniques Case study-II is added in Semester II. • Photoshop,CorelDRAW and In-Design are included in Skill Component as Animation Development.

Faculty Members

1. Dr. P.S.S. Akilashri



2. Ms. R. Rajalakshmi



3. Dr. M. Anusha




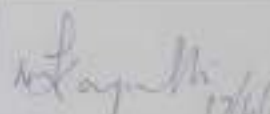


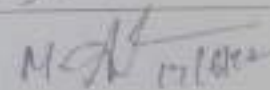
NATIONAL COLLEGE (Autonomous), Trichy.

Department of Computer Applications

Minutes of Board of Studies

Minutes of the Board of Studies meeting for Department of Computer Applications held on 17.06.2022 in Computer Lab - 2 at 9:00 am.

The following members were present in the Meeting:

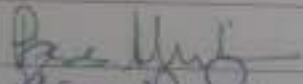
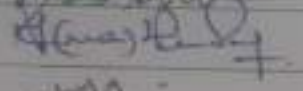
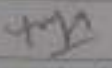
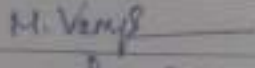
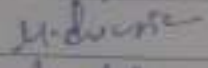
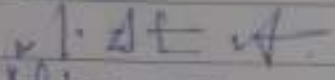
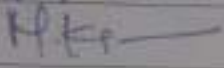
S.No.	Name	Position	Signature
1	Dr. S. Sujatha Associate Professor and Head, Department of Computer Science Dr. G.R. Damdaran College of Science(Autonomous) Coimbatore-641014.	University Nominee	 17/6/2022
2	Dr. N. Karpagavalli, Assistant Professor of Computer Applications, Holy Cross College (Autonomous), Trichy.	Subject Expert	 17/6/22
3	Mr. I. Johnson, CEO Shalom InfoTech, Kajamalai Campus, Trichy -23	Industrial Expert	 17/6/22
4	Mr. J. Tharakeswaran, Associate Cloud Engineer, HTC Global Services India Pvt. Ltd., Chennai.	Alumnus	 17/6/22
5	Dr. M. Anusha, Head, Department of Computer Applications, National College, Trichy.	HOD	 17/6/22


- The BOS Members suggested the following changes to enhance the existing syllabus.

Year	Semester	Changes made
I	I	<ul style="list-style-type: none"> Programming in C (U22CA1) changed as Problem solving using C Programming in C Lab (U22CA2P) title has been changed as C Lab Compatibility lab(U22CA3P) is introduced instead of Allied mathematics II
	II	<ul style="list-style-type: none"> Skill based elective title is changed as Web design (U22SBE1C)
II	III	<ul style="list-style-type: none"> Skill Based Elective II – Java Script& PHP (U19SBE2C) has been replaced as Java Script (U22SBE2C) Skill Based Elective III – Java Script& PHP Lab (U19SBE3CP) has been replaced as HTML and Java Script Lab (U22SBE3CP)
	IV	<ul style="list-style-type: none"> Data base system (Theory & Lab U19CA7 & U19CA8P) is replaced as Web Programming (Theory & Lab U22CA8 & U22CA9P)
III	V	<ul style="list-style-type: none"> Introduction of ICT (U22NMEN1) is replaced with Internet and its Applications(U19NMCS2) Data mining concepts(U19CA13) is replaced with Digital Fundamental and Computer Architecture (U22CA12) Software Engineering (U19CA11E) is replaced with Computer Networks (U22CA13E:1) Internship can be included
	VI	<ul style="list-style-type: none"> Database Systems (Theory & Lab U22CA17 & U22CA18P) introduced. E Commerce and its applications (U19CA17E) is replaced with Software Engineering (U22CA20E:1) Computer Networks (U19CA18) is replaced with Operating System (U22CA19)

M. A. S. 16/6/24

Faculty Member

S.No	Name of the Staff member	Signature
1.	Dr.P.S.S.Akilashri	
2.	Ms.M.Umamaheswari	
3.	Ms.Y.Priya	
4.	Ms.M.Vanaja	
5.	Ms.M.Aruikoithaipriya	
6.	Ms.N.Parthasarathy	
7.	Dr.M.Kavitha	

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MINUTES OF THE FIRST BOARD OF STUDIES MEETING

Faculty: Commerce

Board: Commerce (BPS)

The Meeting of Board of Studies (BoS) was held as given below:

Name of the Body	Board of Studies
Department	Commerce with Business Process Services
Meeting No.	01
Date & Time	06.01.2022 10.30 a.m.
Venue	Library A/C Conference Hall, National College (Autonomous)
Members Attended	The details are given in Attendance

AGENDA

01.	Discussion on I to VI semesters syllabus of B.Com (BPS): Batch 2021 - 2024
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The chairman of BoS welcomed all the panel members of the meeting. The item listed in the agenda was taken for discussion.

Item No. 1	Syllabus of B.Com (BPS): Batch 2021 - 2024
Discussion	<p>The Board discussed the Curriculum and Syllabus for I to VI Semesters B.Com (BPS), Batch 2021 – 2024 in detail.</p> <ul style="list-style-type: none"> • U21BP4 – Financial Accounting II – II Semester – Dr. V. Rengarajan, Subject Expert suggested to include Fire Insurance Claims in Unit V • U21BP8 – Corporate Accounting – V Semester - Dr. V. Rengarajan, Subject Expert suggested to exclude Accounting Standards. • U21BP9 – Income Tax Law and Practice – V Semester – Mr. Santhosh Bharathwaj, Alumni suggested to include



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	Introduction to GST and also suggested to include new branches of accounting like HR accounting.
Resolution	The Board resolved to approve the above said matters. After due deliberations by the members, the board approved the syllabus.

The Chairman of Board of Studies (BoS) thanked all the members for their active participation and cordially invited them for the next meeting.

Date: 06.01.2022

(Dr.K.Kumar)

**DEPARTMENT OF GEOLOGY
NATIONAL COLLEGE (AUTONOMOUS)
TIRUCHIRAPPALLI - 620 001**

Minutes of the Board of Studies meeting in Geology for UG & PG

The Board of Studies meeting for UG - Geology and PG - Applied Geology was held on 24.06.2022 at the Department of Geology, National College, Trichy - 620 001.

The following members were present:

- | | |
|---|----------------------|
| 1. Mr. S. Sivakumar, HoD Geology, (NCT) | - Chairman |
| 2. Dr. C. Lakshumanan | - University Nominee |
| 3. Dr. R. Arthur James | - Subject Expert |
| 4. Mr. A. Balamurugan | - Industrial Expert |
| 5. Mr. B. Selvamuthukumar | - Alumnus Expert |
| 6. Dr. N. Jawahar Raj (NCT) | - Member |
| 7. Dr. V. Vasanthamohan (NCT) | - Member |
| 8. Dr. S. Selvaraj (NCT) | - Member |
| 9. Dr. K. Sivakumar (NCT) | - Member |
| 10. Dr. R. Soundar Rajan (NCT) | - Member |
| 11. Dr. N. Devaraj (NCT) | - Member |
| 12. Dr. P. Govindaraj (NCT) | - Member |
| 13. Mr. A. Prabhakaran (NCT) | - Member |
| 14. Dr. N. Mohammed Nishath (NCT) | - Member |
| 15. Dr. A. Velu (NCT) | - Member |
| 16. Dr. S. Manikandan (NCT) | - Member |

The Board revised, scrutinized and updated the B.Sc. (Geology) and M.Sc. (Applied Geology) scheme of examination and syllabi for the courses of both the programmes. Overall, the Board has made approximately about 30% changes in the syllabi of both the programmes. The changes recommended by the Board for the two above-mentioned programmes are given in Annexure -1.

Members

1. Mr. S. Sivakumar HoD Geology, (NCT)
2. Dr. C. Lakshumanan
3. Dr. R. Arthur James
4. Mr. B. Selvamuthukumar
5. Mr. A. Balamurugan

Signature

[Handwritten signatures and dates]
S. Sivakumar 24/6/22
C. Lakshumanan 24/06/22
R. Arthur James 24/6/2022
B. Selvamuthukumar 24/06/2022
A. Balamurugan 24/6/22



6. Dr. N. Jawahar Raj (NCT)
7. Dr. V. Vasanthamohan (NCT)
8. Dr. S. Selvaraj (NCT)
9. Dr. K. Sivakumar (NCT)
10. Dr. R. Soundar Rajan (NCT)
11. Dr. N. Devaraj (NCT)
12. Dr. P. Govindaraj (NCT)
13. Mr. A. Prabhakaran (NCT)
14. Dr. N. Mohammed Nishath (NCT)
15. Dr. A. Velu (NCT)
16. Dr. S. Manikandan (NCT)

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24.6.2022

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24/6/22

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S. SIVAKUMAR
Associate Professor & Head
PG & Research Department of Geology
National College
Trichy 620 001


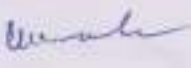
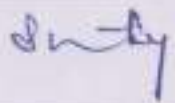
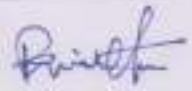

NATIONAL COLLEGE (Autonomous), Trichy.

Department of Information Technology

Minutes of Board of Studies

Minutes of the Board of Studies meeting for Department of Information Technology held on 16.06.2022 in Computer Lab - 2 at 9:00 am.

The following members were present in the Meeting:

S.No.	Name	Position	Signature
1	Dr.E. George Dharma Prakash Raj, Associate Professor, School of Computer Science, Engineering and Applications, Kajamalai Campus, Bharathidasan University, Trichy.	University Nominee	
2.	Dr. P. Charles, HOD of IT, St. Joseph College, Trichy.	Subject Expert	
3.	Ms. S. Sumathy Head Campus Hiring and Engagement VDart Software Services Pvt. Ltd.	Industrial Expert	
4.	Mr. P. Marimuthu, Scientific Publishing Services Pvt Limited, Trichy.	Alumnus	
5.	Prof. S. Ramani, Head, Department of Information Technology, National College, Trichy.	HOD	

- The BOS Members suggested the following changes to enhance the existing syllabus.

Year	Semester	Changes made
I	I	<ul style="list-style-type: none"> • Fundamentals of Information Technology [U22IT3] introduced instead of Mathematics-II [U19AMS2C]
	II	<ul style="list-style-type: none"> • Fundamentals of Information Technology [Theory & Lab U19IT3] replaced with Programming in C++ [Theory & Lab U22IT4 & U22IT5P] • Mathematics-II [U22AMS3C] shifted from I semester. • Skill Based Elective I- Web page designing using HTML[U19SBE1C] is changed to Web Design [U22SBE1C]
II	III	<ul style="list-style-type: none"> • Database Design & MySQL Lab[U19IT5 & U19IT6P] is replaced with Data Structures and Algorithms using C++ Lab [U22IT8P] updated to maximum of 12 programs • Java script& PHP [U19SBE2C & U19SBE3CP] replaced by Web Design & Scripting Language Lab[U22SBE2C & U22SBE3CP]
	IV	<ul style="list-style-type: none"> • Data Structures and Algorithms using C++ Lab is replaced with Database Design & MySQL Lab[U19IT5 & U19IT6P] • Allied Paper 3: Enterprise Resource planning(U19ACO3IT) is changed to Digital Marketing (U22ACO3) • Internship Summer training has to be introduced • MOOC course has to be introduced (Extra Credit)
III	V	<ul style="list-style-type: none"> • Programming in Java (U19IT9) syllabus has to be updated with networking in U22IT10 • Internship Summer training has to be introduced • Industrial Visit is mandatory • Software Engineering & Testing (U19IT13E) replaced with PC Hardware & Troubleshooting [U22IT14E] • Soft skill U22SS can be outsourced • MOOC course has to be introduced (Extra Credit)
	VI	<ul style="list-style-type: none"> • U22IT15 - Python Programming "Numpy" can be introduced in Unit V • Project work [U22IT17] is replaced with Visualization Lab(U22IT17) • Information Security(U19IT18E) is replaced with Ethical Hacking [U22IT20E]
General Instruction		<ul style="list-style-type: none"> • Text book should be updated with new versions • Complete reference & Bible with YouTube link should be given as Lab reference

S. Ramani
16.6.2022

S. RAMANI, M.C.A., M.Phil., B.Ed.,
Head & Assistant Professor,
Department of Information Technology,
National College, Trichy-620 001.

Faculty Members

S.No	Name of the Staff	Signature
1.	Dr. T.Arulmozhidevan	G. Amalenu
2.	Prof. J. S. Barani	Barani
3.	Prof. R.Meenakshi	Meenakshi



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DEPARTMENT OF BIOTECHNOLOGY AND MICROBIOLOGY

(Supported under the DBT-PG Teaching & DBT-STAR College Schemes)

List of Members for the Board of Studies for Biotechnology & Microbiology (11.7.2022)

S. No.	Name and Role	Designation and Address	Signature
1.	Dr. A. Arun, <i>University Nominee</i>	Professor and Head, Department of Microbiology, Science Campus, 3 rd Floor, Alagappa University, Karaikudi - 630 003 arunalacha@gmail.com 04565 228095 94421 26857	 11.7.22.
2.	Dr. M. Ramya, <i>Subject Expert</i>	Professor Department of Genetic Engineering SRM Institute of Science and Technology Kattankulathur -603203 TamilNadu India ramya.mohandass@gmail.com 94420 44277	ABSENT
3.	Mr. S. Pushparaj, <i>Industrial Expert</i>	Deputy General Manager Distillery, Kothari Sugars & Chemicals Tiruchirapalli 9976739333 ktrdist@hckgroup.com	ABSENT
4.	Dr. Phillip Thomas, <i>Special Invitee</i>	Pathologist, 50-A, Melapudur Main Road, Thomas Diagnostic and Research Centre, Trichy. 9943391138 thomasdiagnosticcentre@gmail.com	ABSENT



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5.	Mr. V. Kathiravan, <i>Alumnus</i>	Senior Executive, Mammalian Cell Culture Upstream Processing Division, Biocon Biologicals India Ltd., Biocon Park, Bangalore. 95783 04820 kathirresearch@gmail.com	
6.	Dr. S. Senthil Kumar, Asst. Prof., Dept. of Botany, NCT.	Asst. Prof., Dept. of Botany, NCT. (Special Invitee)	ABSENT
7.	Dr. M.A. Akbarsha Special Invitee	Research Advisor Department of Biotechnology & Microbiology, NCT	
8.	Dr. M.S. Mohamed Jaahir,	Asst. Prof., Dept. of Biotechnology & Microbiology, NCT.	
9.	MIRIAM SHEBA Ms. Sheba	Asst. Prof., Dept. of Biotechnology & Microbiology, NCT.	
10.	Ms. Varuna Kumaravel	Asst. Prof., Dept. of Biotechnology & Microbiology, NCT.	
11.	Ms. S. Crosswin	Asst. Prof., Dept. of Biotechnology & Microbiology, NCT.	
12.	Dr. T. Rajarajan	Asst. Prof., Dept. of Biotechnology & Microbiology, NCT.	



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13.	Dr. K. Arun	Asst. Prof., Dept. of Biotechnology & Microbiology, NCT.	
14.	Dr. Rohini Gomathinayagam	Asst. Prof., Dept. of Biotechnology & Microbiology, NCT.	
15.	Dr. J. Sivakamavalli	Asst. Prof., Dept. of Biotechnology & Microbiology, NCT.	
16.	Dr. C. Prasannakumar	Asst. Prof., Dept. of Biotechnology & Microbiology, NCT.	
17.	Dr. Vasanth Dakshinamoorthy	Asst. Prof., Dept. of Biotechnology & Microbiology, NCT.	
18.	Dr. P. Ramasamy	Asst. Prof., Dept. of Biotechnology & Microbiology, NCT.	
19.	Dr. S. Vijaya Prabhu	Asst. Prof., Dept. of Biotechnology & Microbiology, NCT.	



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DEPARTMENT OF BIOTECHNOLOGY AND MICROBIOLOGY

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Minutes -Board of Studies Meeting -2022-2023

Agenda:

1. Formation of program structure for M.Sc. Microbiology 2022-2023
2. Revision of existing syllabus for B.Sc. Biotechnology and Microbiology bringing the practical sessions within the respective academic years.

Outcome:

Agenda-I

1. Inclusion of "General Microbiology" to give an introduction about the course as the students would be from a diverse subject backgrounds such as Botany and Zoology.
2. Recent Techniques should be included pertaining to the industrial Set-Up /exposure in "Applied Microbiology"
3. Course contents should be re-shuffled among the papers especially physiology and biochemistry
4. Molecular based Taxonomy should be included in the "Microbial Diversity"
5. Detailed syllabus included for the better learning of the students and tagging the questions.
6. Molecular biology and Microbial genetics should be included and Molecular biology should be focused.
7. Mycology/Parasitology/Virology could be combined as "Medical Microbiology" for a better understanding.
8. The rDNA paper should be introduced after the Molecular Biology course.
9. The rDNA Technology course content is less and basics; advanced titles could be introduced.
10. Hands-on session is essential as the students in recent days completely lack practical skills.
11. Unit V- in all the papers should be strengthened to learn the depth of the course title.



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12. Reference and Textbooks should be standard with a uniform format.
13. Recent trends in the field could be evenly distributed in all the units.
14. Applied Microbiology course could be introduced in Semester-III.
15. Medical Microbiology has potential employment opportunities, thus, it should be focused on.
16. Immunology course content should be improved from the basics to advanced.
17. Elective options should be given to the students instead of a single paper.
18. Biochemistry core course should be introduced.
19. Environmental Microbiology should include - Marine microbiology, bioremediation and wastewater treatment
20. Bioethics/Safety/IPR should include current Industrial/ Laboratory Regulations.
21. Molecular Taxonomy should be included in "Microbial Diversity"
22. Internship is mandatory for the PG students after Semester-II as extra credits.
23. Course structure for M.Sc. Microbiology is modified as follows.

M.Sc. Microbiology – Course Structure

Semester-I

1. General microbiology / Bacteriology
2. Microbial Biochemistry & Physiology
3. Molecular Biology and Microbial Genetics.
4. Microbial Systematics/Diversity

Semester –II

1. Soil and Agricultural Microbiology
2. Food and Dairy Microbiology
3. Immunology
4. Medical Microbiology



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Semester –III


1. Environmental microbiology
2. rDNA Technology
3. Microbial Technology
4. Bioinformatics

Semester –IV

1. Biosafety, Bioethics and IPR
2. Applied Microbiology
3. Bio-statistics and Research methodology

Agenda-II

1. Redistribution of courses and practical
2. Re-shuffling of the practical session to the respective academic years.
3. Practical sessions should follow after the theoretical sessions.

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MINUTES OF THE FIRST BOARD OF STUDIES MEETING

Faculty: Commerce

Board: Commerce (BPS)

The Meeting of Board of Studies (BoS) was held as given below:

Name of the Body	Board of Studies
Department	Commerce with Business Process Services
Meeting No.	01
Date & Time	06.01.2022 10.30 a.m.
Venue	Library A/C Conference Hall, National College (Autonomous)
Members Attended	The details are given in Attendance

AGENDA

01.	Discussion on I to VI semesters syllabus of B.Com (BPS): Batch 2021 - 2024
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The chairman of BoS welcomed all the panel members of the meeting. The item listed in the agenda was taken for discussion.

Item No. 1	Syllabus of B.Com (BPS): Batch 2021 - 2024
Discussion	<p>The Board discussed the Curriculum and Syllabus for I to VI Semesters B.Com (BPS), Batch 2021 – 2024 in detail.</p> <ul style="list-style-type: none"> • U21BP4 – Financial Accounting II – II Semester – Dr. V. Rengarajan, Subject Expert suggested to include Fire Insurance Claims in Unit V • U21BP8 – Corporate Accounting – V Semester - Dr. V. Rengarajan, Subject Expert suggested to exclude Accounting Standards. • U21BP9 – Income Tax Law and Practice – V Semester – Mr. Santhosh Bharathwaj, Alumni suggested to include



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	Introduction to GST and also suggested to include new branches of accounting like HR accounting.
Resolution	The Board resolved to approve the above said matters. After due deliberations by the members, the board approved the syllabus.

The Chairman of Board of Studies (BoS) thanked all the members for their active participation and cordially invited them for the next meeting.

Date: 06.01.2022

(Dr.K.Kumar)

P.G.&Research Department of Physics
National College(Autonomous),Tiruchirappalli-620001

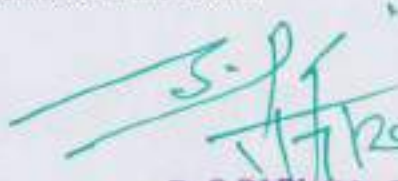
Minutes of the board of Studies Meeting

The meeting of the Board of Studies in the P.G &Research Department of Physics, for updating the (UG,PG&M.Phil)Physics courses was held in the Department on 01-07-2022 at 10.00 am. The following were discussed and approved. Outcome Based Education (OBE) was incorporated in the syllabus.

1. The Syllabus for M.Sc Physics is substantially revised and updated as per the latest UGC guidelines and student needs.
2. B.Sc Physics syllabus for Major, Allied, Applied Physics and also Non Major Elective courses are substantially revised and updated as per latest UGC guidelines and student needs.
3. The Syllabus for M.Phil Physics is substantially revised and updated.
4. The Outcome Based Education (OBE) is incorporated in all the courses along with CO/PSO mapping and also CO/PO mapping as per Bloom's Taxonomy.
5. Minimum of 20%revision is ensured in the current revision. The guidelines were followed during the revision as per the university norms.
6. Application oriented courses could be delivered to the students with interdisciplinary faculty expertise.
7. The external members also suggested to include Internships for students at both UG& PG Courses during vacation periods.
8. The Members also suggested Industrial visit may be awarded 1 credit and added in the mark sheet as extracurricular aspects.
9. Relevant MOOC courses may be suggested to the students in the syllabus itself and may be encouraged as extracurricular learning aspects.

The changes and revisions are approved by the members of the Board.

Chairman


1/7/2022
Dr.S.PARI, M.Sc.,Ph.D.,
Head & Associate Professor,
PG & Research Department of Physics
National College (Autonomous)
Tiruchirappalli - 620 001.

Members of the Board

S.No	Name and Designation	Signature
1	Dr.R.Selvaraju, Professor of Physics,FEAT, Annamalai University, Annamalainagar-608002. (University Nominee).	<i>R. Selvaraju 1/7/22</i> Dr. R. SELVARAJU Ph.D. Professor in Physics Faculty of Engineering and Technology Annamalai University
2	Dr.M.Victor Antony Raj, Associate Professor,Department of Physics, Loyola College,Chennai-600 034. (Subject expert).	<i>M.V.R. 1/7/22</i> Dr. Victor Antony Raj Associate Professor of Physics Loyola College, Chennai - 34
3	Dr.S.Dhanapandian, Associate Professor of Physics, Annamalai University, Annamalainagar-608002. (Subject expert).	<i>S.D. 1.7.22</i> Dr. S. DHANAPANDIAN M.Sc., Ph.D. Associate Professor Department of Physics Annamalai University Annamalai Nagar - 608 002
4	Dr.J.Madhavan, Associate Professor and Dean of Research, Department of Physics, Loyola College,Chennai-600 034. (Alumnus representative).	<i>J.M. 01/07/22</i> Dr. J. MADHAVAN Dean of Research Loyola College, Chennai-34.
5	Mr.J.Suryanarayanan, Scientific equipment company, Thillainagar,Tiruchirappalli-620018. (Industrial representative).	<i>J.S. 1/7/22</i> SCIENTIFIC EQUIPMENT CO., B-19, 10th CROSS, FURTHER WESTERN EXTN., THILLAINAGAR, TRICHY, 620 018.
6	Dr.S.Pari, Associte Professor and Head, P.G&Research Department of Physics, National College,Tiruchirappalli-620001. (Chairman)	<i>S.P. 1/7/22</i> Dr.S.PARI, M.Sc., Ph.D., Head & Associate Professor, PG & Research Department of Physics, National College (Autonomous), Tiruchirappalli - 629 001.

Date:13-05-2019

From

R.Kumaravel
Assistant Professor and Head
Department of Statistics
National College(Autonomous)
Trichy-1.

To

The Principal
National College
Trichy-1.

Sir,

**Subject: Department of Statistics Revision of Syllabus(2019-2020)- onwards-
Board of Studies Meeting Minutes Enclosed -Reg.**

[2019-2021]

A meeting of Board of Studies was held today 13/05/2019 at 11.00 am to finalise the revision of syllabus for course under UG programme at Department of Statistics. After a detailed deliberation and discussion, some modifications were carried out in the syllabus and to approve the course structure, syllabus for UG programme from the academic year 2019-2020 onwards. The following members were present in the meeting.

University Representative Dr.Lilly George Assistant Professor and Head Department of Statistics St.Joseph's College(Autonomous) Trichy-2.	HOD Mr.R.Kumaravel Assistant Professor and Head Department of Statistics National College(Autonomous) Trichy-1
Subject Expert Dr.B.Senthil Kumar Assistant Professor Department of Statistics Periyar EVR College(Autonomous) Trichy-23	Industrial Expert Mr.S.Lawrence Joseph Associate Director-Research Operations Quantitative Research Consulting Pvt.Ltd Ponmalaiipatti,Trichy-4
Alumni Student Mr.M.Thirunavukkarasu Woraiyur,Trichy-3	



R.Kumaravel
13/5/19
DEPARTMENT OF STATISTICS
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[2019-2021]

**Minutes of the Board of Studies Meeting
Department of Statistics
National College(Autonomous)
Trichy-1**

The Board of studies meeting in Statistics was held to revise the syllabus of UG programme at Department of Statistics, National College (Autonomous), Trichy-1 on 13/05/2019 at 11:00am the Board of unanimously resolved to bring the following changes in the existing syllabus.

- The allocation of hours for the core paper needs to be adjusted ,accordingly to the credits.
- Suggested "Vital Statistics" as a Major Elective paper instead of Econometrics.
- Rearrangement of content under paper 'Descriptive Statistics"
- Statistical Inference -I and Statistical Inference-II papers were renamed as Theory of Estimation and Testing of Hypothesis.
- Some of the distributions under Discrete probability Distributions and kept standard distributions.
- Suggestion made to Statistical data Analysis Using Basic Software and renamed the title to Statistical Data Analysis Using Spread Sheets.
- As the content was heavy under Applied Statistics ,the Unit-V demand Analysis was removed from the paper and re ordered the remaining units.
- Some of the complex exercise from the given list for the Computer Lab for C

Board of Studies Members for Department of Statistics

University Representative Dr.Lilly George Assistant Professor and Head Department of Statistics St.Joseph's College(Autonomous) Trichy-2.	HOD Mr.R.Kumaravel Assistant Professor and Head Department of Statistics National College(Autonomous) Trichy-1
Subject Expert Dr.B.Senthil Kumar Assistant Professor Department of Statistics Periyar EVR College(Autonomous) Trichy-23	Industrial Expert Mr.S.Lawrence Joseph Associate Director-Research Operations Quantitative Research Consulting Pvt.Ltd Ponmalaipatti, Trichy-4
Alumni Student Mr.M.Thirumavukkarasu Woraiyur, Trichy-3	



[Signature]
DEPARTMENT OF STATISTICS
NATIONAL COLLEGE (AUTONOMOUS)
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DEPARTMENT OF STATISTICS
NATIONAL COLLEGE (AUTONOMOUS)
TIRUCHIRAPPALLI – 620 001



Minutes of the Board of Studies Meeting for Academic Year 2022 - 2023

The Board of Studies Meeting for Academic Year 2022 – 2023 in Statistics was held to revise the syllabi of UG Programme (B.Sc. Statistics) in the Department of Statistics, National College (Autonomous), Tiruchirappalli – 620 001 on 14.06.2022 at 10.30 a.m. The Board was unanimously resolved to bring the following changes in the existing (2019) syllabus.

- The allocation of hours for the core paper needs to be adjusted, accordingly to the credits
- Rearrangement of content under the papers “Descriptive Statistics”, “Discrete Probability Distributions”, “Continuous Probability Distributions”, “Statistical Inference I and II”
- Sampling Theory was renamed as Sampling Techniques.
- Rearrangement of content under the allied practical paper “Mathematics – II”
- Rearrangement of content under the record practical papers to unit-wise
- Skill Based Elective papers completely changed in statistics oriented. The following courses are:
 - Skill Based Elective – I: Digital Era replaced of Office Automation
 - Skill Based Elective – II: Introduction to R replaced of DTP
 - Skill Based Elective – III: Computational Lab – I (Using R) replaced of OA & DTP Lab
- Introduced Non-Major Elective papers for other department students: The following courses are:
 - Non-Major Elective – I: Data Analysis using Excel
 - Non-Major Elective – II: Data Analysis using SPSS

Board of Studies Members

1. Dr. M. Balasubramanian (**University Nominee**)
Assistant Professor, Dept. of Statistics
Thanthai Periyar Government Arts and Science College (Autonomous)
Tiruchirappalli – 620 023
2. Dr. B. Senthil Kumar (**Subject Expert**)
Assistant Professor, Dept. of Statistics
Thanthai Periyar Government Arts and Science College (Autonomous)
Tiruchirappalli – 620 023
3. Mr. R. Kumaravel (**Chairman**)
Assistant Professor & Head, Dept. of Statistics
National College (Autonomous)
Tiruchirappalli – 620 001

Signature

M. Balasubramanian
15/6/22

B. Senthil Kumar
15/6/22

R. Kumaravel
15/6/22



4. Mr. S. Lawrence Joseph (**Industry Representative**)
Associate Director, Quantitative Research Consulting Pvt. Ltd.
Tiruchirappalli - 620 004
5. Dr. A. Mohamed Ashik (**Member**)
Assistant Professor, Dept. of Statistics
National College (Autonomous)
Tiruchirappalli - 620 001
6. Mrs. M. Sivarekha (**Member**)
Assistant Professor, Dept. of Statistics
National College (Autonomous)
Tiruchirappalli - 620 001
7. Ms. K. Gowthami (**Member**)
Assistant Professor, Dept. of Statistics
National College (Autonomous)
Tiruchirappalli - 620 001
8. Mr. P. Balaji (**Alumni Representative**)
Statistical Programmer, Algorics
Coimbatore

S. Lawrence Joseph
15/6/22

A. Mohamed Ashik
15/6/22

M. Sivarekha
15/6/22

K. Gowthami
15/6/22

P. Balaji
15-06-2022



P. Balaji
15/6/22

Head of the Department
DEPARTMENT OF STATISTICS
NATIONAL COLLEGE (AUTONOMOUS)
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