



**KONGU ARTS AND SCIENCE COLLEGE**  
(Autonomous)  
NANJANAPURAM, ERODE – 638 107



**DEPARTMENT OF BIOCHEMISTRY**

**BOARD OF STUDIES MEETING**

**AGENDA**

**DATE: 15.07.2020**

1. To consider and approve the curriculum and syllabi for the candidate admitted during the academic year 2020 – 2021 and onwards.
2. To consider and approve the pattern of question papers for the academic year 2020 – 2021 and onwards.
3. To consider and approve the panel of examiners.
4. To consider and discuss any other subjects with the permission of the chair.



**KONGU ARTS AND SCIENCE COLLEGE**  
(Autonomous)  
NANJANAPURAM, ERODE – 638 107



The meeting of the Board of Studies in Biochemistry (UG) was conducted on 15.07.2020 at 10.15 am through Online mode

The following members were present

Chairman:

1. Dr. A. K. Vidya

Members:

1. Mr. R. Rasu
2. Dr. N. Sangeetha
3. Dr. T. Palvannan
4. Dr. M. Saravanakumar
5. Dr. S. Suja
6. Dr. S. Sudarshan
7. Mr. S. Natarajan
8. Mrs. T. Radha
9. Mr. G. Karthikeyan

Subject related to Syllabus, Advanced Learners Course and Attendance Marks in CIA were discussed and the following are the resolutions:

1. It is resolved to approve there is no change in the syllabi of I and II Semesters for B.Sc. Biochemistry students admitted during the academic year 2020-2021 and onwards be approved.
2. It is resolved to approve there is no change in the syllabi of I and II Semesters for M.Sc. Biochemistry students admitted during the academic year 2020-2021 and onwards be approved.
3. It is resolved to approve there is no change in the syllabi of III and IV Semesters for M.Sc. Biochemistry students admitted during the academic year 2019-2020 and onwards be approved.
4. It is resolved to approve there is no change in the syllabi of IV & V Semester Advanced Learners Course for B.Sc. Biochemistry students admitted during the year 2019-2020 & 2018-2019 and onwards be approved.
5. It is resolved to approve there is no change in the syllabi of III Semester Advanced Learners Course for M.Sc. Biochemistry students admitted during the year 2019-2020 and onwards be approved.
6. It is resolved to approve there is no change in the syllabi of III and IV Semesters Non-major Elective Courses for other UG students admitted during the academic year 2019- 2020 and onwards be approved.
7. It is resolved to approve there is a modification in the syllabi of III & IV Semesters for B.Sc. Biochemistry students admitted during the year 2019-2020 and onwards be approved.
8. It is resolved to approve there is a modification in the syllabi of V and VI Semesters for B.Sc. Biochemistry students admitted during the academic year 2018-2019 and onwards be approved.
9. It is resolved to approve the Additional name for the panel of Question Paper Setters and Examiners be approved.

- Modifications were carried out in the syllabi of III & IV semesters of B.Sc Biochemistry students admitted during the year 2019-2020 and onwards
- The following topics are included in the respective courses of second year UG Curriculum

<u>Name of the Course</u>	<u>New Topics Added</u>
Microbiology	- Sterilization techniques, DNA Virus & RNA Virus
Core Biochemistry Practicals II	- Media Preparation Sterilization techniques Serial dilution Pure culture techniques Staining Techniques Enzyme Kinetic Studies - Amylase & Catalase Estimation of Nutritional content in food samples by Calorimeter & Titrimetric method
Skill Based Course I: Nutritional Biochemistry	- Nutrigenetics Nutrigenomics Covid Disease
Skill Based Course II: Nanotechnology and Clinical Trials	- FESEM & FETEM

- The following topics are removed in the respective courses of second year UG Curriculum

<u>Name of the Course</u>	<u>Topics Removed</u>
Microbiology	- Retrovirus & Life Cycle – HIV Types of Oncogenic Viruses & Mechanism of oncogenesis
Core Biochemistry Practicals - II	- Estimation of Glucose by OT Method Estimation of Phosphorous by FS Method Estimation of Urea by DAM-TSC Method Estimation of Uric acid by Carraways's Method Estimation of Protein by Bradford Method Estimation of RNA by Orcinol Method Estimation of Creatinine by AP Method Estimation of DNA by Diphenylamine Method Estimation of Chloride – Vanslyke's Method Column Chromatography Paper Electrophoresis
Skill Based Course II: Nanotechnology and Clinical Trials	- Nanoparticle synthesis from Bacteria and Fungi



- Modifications were carried out in the syllabi of V & VI semesters of B.Sc Biochemistry students admitted during the year 2018-2019 Batch only
- The following topics are included in the respective courses of Third year UG Curriculum

<u>Name of the Course</u>	<u>New Topics Added</u>
Human Physiology and Endocrinology Clinical Biochemistry	- Stress Physiology: Definition, factors, Indicators - Reye's Syndrome Intestinal Function test
Core Biochemistry Practicals – III Core Biochemistry Practicals - IV	- Dipstick analysis - Physiology Experiments Immunotechniques Qualitative analysis of Phytochemicals Total antioxidant Activities of medicinal plants Molecular Biology experiments
Elective I: Plant and Animal Biotechnology Skill Based: Medical Coding	- Ethical Issues - ELSI of Biotechnology - Patenting  - Unit 1 & 2 – Terminologies of Hematology, Cardiology, Gastroenterology, Pulmonology, Neurology, Opthamology, Musculoskeletal system, Urology, Nephrology, Gynecology and Obstetrics
Medicinal Biochemistry	- Drug discovery - Ligand based & computer based designing Applications of Computational biology and AI in Drug discovery
Plant Biochemistry and Plant Therapeutics	- Role of Secondary metabolites in pathogens, insects, animals and mankind

- The following topics are removed in the respective courses of third year UG Curriculum

<u>Name of the Course</u>	<u>Topics Removed</u>
Clinical Biochemistry	- Lipidosis - LCAT Deficiency
Core Biochemistry Practicals – III	Qualitative analysis of normal and abnormal urine constituents Media Preparation Sterilization techniques
Core Biochemistry Practicals - IV	Serial dilution Pure culture techniques, Staining Techniques Enzyme Kinetic Studies - Catalase Biochemical identification of Bacteria - IMPiC

Elective I: Plant and Animal  
Biotechnology

Skill Based: Medical Coding

Medicinal Biochemistry

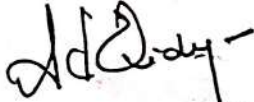


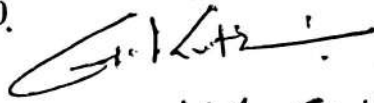
Immunology and Immunotechniques

Elective II: Bioinformatics

Practicals

- Cell transformation: Mass Cultivation of cells –  
Scaleup in monolayer & Suspension culture
- UNIT 1 – Anatomy & Physiology
- UNIT 2 – Medical Terminology
- Method of extraction, isolation, separation,  
identification, analysis & applications of bioactive  
components
- Hybridoma technology
- Data retrieval tools & methods

All the above resolutions are approved

1.   
(Dr. A.K. VIDYA)
2. n. nanj  
(Mr. R. RASU)
3.   
(Dr. N. SANGEETHA)
4. Dr. T. PALVANNAN
5. Dr. M. SARAVANAKUMAR
6. Dr. S. SOJA
7. Dr. S. SUDARSHAN
8. S. NATARAJAN  
(Mr. S. NATARAJAN)
9.   
(Mrs. T. RADHA)
10.   
(Mr. G. KARTHIKEYAN)



## Minutes - Board of Studies

Department of Biotechnology

Time - 10.00 AM

The meeting of the Board of studies in Biotechnology (UG) was conducted on 15.07.2020 at 10 AM through online Mode (Google Meet)

The following Members were present :

Chairman : Dr. C. Deepa

Members :

1. Dr. P. Rani
2. Dr. S. R. Prabhakaran
3. Ms. G. Ramya
4. Ms. M. Monisha
5. Ms. R. S. Sindhu
6. Ms. S. Gayathri

Subject related to syllabus, Advanced learners Course and Attendance Marks in CIA were discussed and the following are the resolutions :

1. It is resolved to approve there is no change in the syllabi of I and II Semesters for B.Sc Biotechnology students admitted during the academic year 2020 - 2021 and onwards be approved.

2. It is resolved to approve there is no change in the syllabi of IV Semester Advanced learners Course for B.Sc Biotechnology students admitted during the academic year 2019 - 2020 and onwards be approved.



3. It is resolved to approve there is no change in the syllabi of III and IV Semesters Non Major Elective Courses for other UG students admitted during the academic year 2019-2020 and onwards be approved.

4. It is resolved to approve there is a modification in the syllabi of III and IV Semesters for B.Sc Biotechnology students admitted during the academic year 2019-2020 and onwards be approved. (ANNEXURE - A)

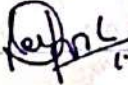
5. It is resolved to approve there is a modification in the syllabi of V and VI semesters for B.Sc Biotechnology students admitted during the academic year 2018-2019 and onwards be approved. (ANNEXURE - A)

6. It is resolved to approve there is a modification in the syllabi of V semester Advanced Learners course for B.Sc Biotechnology students admitted during the academic year 2018-2019 and onwards be approved.

7. It is resolved to approve there is the Additional name for the panel of Question paper setters and Examiners be approved.

8. Due to Pandemic, the points discussed in previous Board of Studies will be implemented from 2021-2022 and onwards.

All the Above resolutions are approved:


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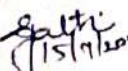
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3.

4.

5.

6. R.S.  15/11/20

7.  15/11/2020

## Board of studies - Biotechnology - ANNEXURE - A

Date : 15/7/20

Time : 10.00 AM

The meeting of the Board of studies in Biotechnology (UG) was conducted on 15/07/2020 at 10 AM through online mode (Google Meet)

The following were the suggestions put forth by the Board of studies Members

1) To include uses of Autoclave and laminar Air flow chamber in Microbiology course.


2) To remove the topic of 3 point cross in Genetics course

3) To include Micrografting in Plant Biotechnology course.

4) To replace the topic of cell culture based vaccines in between the units of Cancer Biology course

5) To include the topic of pharmacognosy in Pharmaceutical Biotechnology course.

CHAIRPERSON/BOS

  
15/7/20



KONGU ARTS AND SCIENCE COLLEGE

(AUTONOMOUS)

NANTANAPURAM, ERODE - 638107.

15.07.2020

Subject related to syllabus, Advanced Learners course and Attendance Marks in CIA were discussed and the following are the resolutions:

① It is resolved to approve the new syllabi of III & IV semesters for B.A Tamil students admitted during the academic year 2019-2020 and onwards be approved.

② It is resolved to approve the new syllabi of IV semester Advanced Learners course for B.A Tamil students admitted during the academic year 2019-2020 and onwards be approved.

③ It is resolved to approve the new syllabi of III and IV semesters Non-major Elective courses for other UG students admitted during the academic year 2019-2020 and onwards be approved.

④ It is resolved to approve there is no change in the syllabi of I and II semesters for Part - I Tamil of UG students admitted during the academic year 2020 - 2021 and onwards be approved.




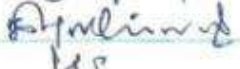

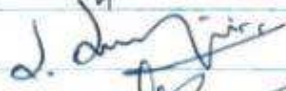
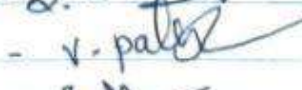

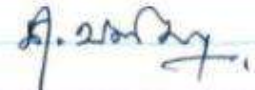
⑤ It is resolved to approve there is no

Change in the syllabi of III and IV

Semesters for Part - I Tamil, Basic Tamil and Advanced Tamil of UG Students admitted during the academic year 2019 - 2020 and onwards be approved

⑥ It is resolved to approve there is no change in the syllabi of I and II Semesters for B.A. Tamil Students admitted during the academic year 2020-2021 and onwards be approved.

⑦ It is resolved to approve the Additional name for the Panel of Question Paper Setters and Examiners be approved.

- 1) Dr N. Kalaivari - Per. Annar 
- 2) Dr K. Sivaramani - Subject Expert - II
- 3) Dr K. Thilagavathi - Subject Expert - I
- 4) Dr S. Padmavathi - University Nominee.
- 5) Thiru G. Magesh - Industrial Expert.
- 6) Mr D. Gopinath - Alumni Representative.
- 7) Dr B. Sangeetha - 
- 8) Dr P. Dhinakaram - 
- 9) Dr C. Bhuvaneshwari - 
- 10) Mr. V. Boominathan - 
- 11) Mr. S. Surendran - 
- 12) Mrs. V. Palaniyammal - 
- 13) Mr. K. Elavarasam - 
- 14) Dr K. Vanitha - 





KONGU ARTS AND SCIENCE COLLEGE  
(Autonomous)  
NANJANAPURAM, ERODE – 638 107



DEPARTMENT OF COMPUTER SCIENCE  
BOARD OF STUDIES MEETING

AGENDA

DATE : 15.07.2020

1. To consider and approve the curriculum and syllabi for the candidates admitted during the academic years 2018-2019, 2019-2020 and onwards for B.Sc., Computer Science programme
2. To consider and approve the curriculum and syllabi for the candidates admitted during the academic year 2020-2021 and onwards for M.Sc., Computer Science and PGDCA programmes.
3. To consider and approve the pattern of question papers for the academic year 2020-2021 onwards.
4. To consider and approve the panel of examiners.
5. To consider and discuss any other subjects with the permission of the chair.



# KONGU ARTS AND SCIENCE COLLEGE (Autonomous)



Affiliated to Bharathiar University, Coimbatore  
Approved by UGC, AICTE, New Delhi & Re accredited by NAAC, DBT STAR  
College

(An ISO 9001: 2015 Certified Institution)  
NANJANAPURAM, ERODE – 638 107

The meeting of the Board of Studies in B.Sc. Computer Science was conducted on  
15.07.2020 at 10.00 a.m. in online mode through Zoom Cloud Application.

The following members were present:

Chairman : Mr. P.Ramesh

Members :

- |                            |                         |
|----------------------------|-------------------------|
| 1. Dr.V.Krishnaveni        | Member , Senior Faculty |
| 2. Dr.K.G.Santhiya         | Member , Senior Faculty |
| 3. Dr.R.Kannan             | University Nominee      |
| 4. Dr.M.Sumathi            | Subject Expert          |
| 5. Dr.S.Meenakshi Sundaram | Subject Expert          |
| 6. Mr.S.Santhosh Kumar     | Industrial Expert       |
| 7. Mr.J.Murali Krishna     | Alumni Representative   |
| 8. Ms.P.Thenmozhi          | Faculty Member          |
| 9. Ms. M.S.Kokila          | Faculty Member          |
| 10. Mr. P.Ilayaragu        | Faculty Member          |
| 11. Mr.S.Sivaraja          | Faculty Member          |
| 12. Ms.M.Geetha            | Faculty Member          |
| 13. Mr.S.Jaganathan        | Faculty Member          |
| 14. Dr.R.Pushpalatha       | Faculty Member          |
| 15. Ms. K.Gomathy          | Faculty Member          |
| 16. Mr. A.R.Karthekeyan    | Faculty Member          |
| 17. Ms.R.Saveetha          | Faculty Member          |
| 18. Ms.S.Gowthami          | Faculty Member          |
| 19. Mr.M.Chandru           | Faculty Member          |

Subject related to Syllabus, Advanced Learners Course and Attendance Marks in CIA were discussed and the following are the resolutions:

1. It is resolved to approve there is no change in the syllabi of I and II Semesters for B.Sc. Computer Science students admitted during the academic year 2020-2021 and onwards be approved.
2. It is resolved to approve there is no change in the syllabi of III and IV Semesters Non-major Elective Courses for other UG students admitted during the academic year 2019-2020 and onwards be approved.
3. It is resolved to approve there is a modification in the syllabi of III & IV Semesters for B.Sc. Computer Science students admitted during the academic year 2019-2020 and onwards be approved. (*Annexure – A*)
4. It is resolved to approve there is a modification in the syllabi of V and VI Semesters for B.Sc. Computer Science students admitted during the academic year 2018-2019 and onwards be approved. (*Annexure – A*)
5. It is resolved to approve there is a modification in the syllabi of IV & V Semester Advanced Learners Course for B.Sc. Computer Science students admitted during the academic year 2019-2020 & 2018-2019 and onwards be approved. (*Annexure – A*)
6. It is resolved to approve there is a modification in the syllabi of III & IV Semester Non-Major Elective for B.A. Tamil students admitted during the academic year 2019-2020 and onwards be approved.
7. It is resolved to approve the curriculum and syllabi of I & II Semester for M.Sc. Computer Science students admitted during the academic year 2020-2021 and onwards be approved.
8. It is resolved to approve the curriculum and syllabi of I & II Semester for P.G.D.C.A. students admitted during the academic year 2020-2021 and onwards be approved.
9. It is resolved to adopt the newly framed Scheme of Examination and distribution of credits as well as marks for M.Sc. Computer Science and P.G.D.C.A.
10. It is resolved to follow the Regulations of Bharathiar University for Attendance norms, Evaluation of answer scripts, Revaluation, Retotalling and Improvement.
11. It is resolved to follow the Credit System in evaluating Cumulative Average Grade and Weighted Average of marks while issuing Consolidated Mark sheet.
12. Additional name for the panel of Question Paper Setters and Examiners be approved.

## Annexure – A

1. The meeting of the Board of Studies in B.Sc. Computer Science suggests the following modifications and to include the following topics in the respective subjects for the students admitted during the academic year 2019-2020 and onwards in III & IV Semesters:

### Semester III:

- *Operating System*: Fair Share Scheduling
- *Java Programming* : Java API Packages , Swing Concepts and Java Beans
- *Programming Lab Java*: Programs for implementing Swing and Net Beans Concepts.
- *Multimedia Lab*: Exercises with motion guide, Audio and Video medias.

### Semester IV:

- *Software Engineering*: Component based development, behavioral modeling, automated estimation tools
- *Web Programming*: Forms, built-in objects, User Defined objects
- *Software Development CASE Tools Lab* : To include more exercises

2. The Board of Studies in B.Sc. Computer Science suggests the following modifications and to include the following topics in the respective subjects for the students admitted during the academic year 2018-2019 and onwards in V & VI Semesters:

### Semester V:

- *Computer Networks*: The Bluetooth Radio Layer. The DNS Name Space
- *Visual Programming – Visual Basic*: Executing and Debugging New Project: Error Handlers
- *Relational Database Management System*: Subquery: Single row subquery,
- *Programming Lab –Visual Basic & ORACLE*: Program to develop a calculator
- *Computer Graphics*: Curve Attributes- Transformations Between Coordinate Systems, Curved –surface Representations-Surface Contour Plots
- *Cloud Computing* : Cost Management Considerations
- *Distributed Systems* : Traditional Election Algorithms -Elections in Wireless Environments - Elections in Large-Scale Systems, Two-Phase Commit - Three-Phase Commit

### Semester VI:

- *DOT NET Programming*: Creating a Command Object
- *Programming Lab - C# & ASP.Net*: Program in C# Sharp to check whether a given String is Palindrome or not using recursion
- *Web Technology*: Local login – Remote login and TELNET – A Technical perspective – TELNET, as an alternative to a web browser – XML Parsers: Elements and attributes – Document Type Definitions (DTD) – XML Parsers: A detailed look - The



sequential Approach (SAX) – The Tree Approach - Extensible Style sheet Language(XSL)

- *Mobile Computing*: Multiple Access Procedures: Frequency Division Multiple Access- TDMA variance- Code Division Multiple Access- Space Division Multiple Access, Bluetooth: Bluetooth Protocol - Bluetooth Protocol Stack
- *Internet of Things*: Asset Management- Maintenance in the M2M Era
- *Artificial Intelligence and Expert Systems*: Forward versus Backward Reasoning -
- *Data Mining*: Activation Functions, CART, Sampling Algorithm, Harvest System
- *Cryptography and Network Security* : Elliptic Curve Arithmetic: Abelian Groups
- *Software Testing Lab*: include the development of test cases.
- *Networking Lab*: Programs to implement Ping programming, Remote command execution and downloading image.

3. The Board of Studies in B.Sc. Computer Science also suggests the following modifications and to include the following topics in the Advanced Learners Course for the students admitted during the academic year 2019-2020 & 2018-2019 and onwards in IV & V Semesters :

- *Software Testing*: Usability and Accessibility Testing
- *Unix Programming*: File Systems and Logical Disks
- *LINUX Programming*: Formatted Input and Output: printf, fprintf, and sprint,scanf, fscanf, and sscanf. Starting New Processes.

All the above resolutions are approved.

1. P. RAMESH P. M  
15/7/2020
2. P. [Signature] [V. KRISHNAVENI]  
15/7/2020
3. K. G. SANTHIYA K. G. S [Signature]  
15/7/2020
4. P. [Signature] 15/7/2020 (P. [Signature])  
15/7/2020
5. M. S. KOKILA - Kokila  
15/7/2020
6. P. [Signature] (P. I LAYARAO)  
15/7/2020
7. S. Sivaraja [Signature]  
15/7/2020
8. M. GEETHA H. [Signature]  
15/7/2020
9. S. JAGANATHAN S. [Signature]  
15/7/2020
10. R. Pushpalatha R. [Signature]  
15/7/2020
11. K. GOMATHY J. [Signature]  
15/7/2020
12. A. R. KARTHEKEYAN A. R. [Signature]  
15/7/2020
13. S. GOWTHAMZ S. [Signature]  
15/7/2020
14. R. SAVEETHA R. [Signature]  
15/7/2020
15. Dr. K. PRABHA K. [Signature]  
15.7.2020
16. M. CHANDRU [Signature]  
15/7/20
17. S. VIDHYA [Signature]  
15/7/2020



Geetha M



Chandru



Geetha M

Harish



Santhiya Theppigal Kurian



Manoharan



Santhosh Kumar Sekharam



Shravan Subramanian



UABKUNDESSUNSHIN



Sareetha R



Dr. R. Prabhakara



Dr. R. Ramani



Santhya Venkatesh

ILAYARAGU P



Kishor Babu S



Dr. K. Prathiba



Jayashankar S



Kishu M E



Valiya S



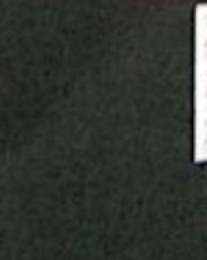
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Dr. S. S. S. S. S. S.

FZA

Start Video

Participants

Chat

Share Screen

Record

Feedback

23

Participants

Chat

Share Screen

Record

Feedback

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Participants

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Share Screen

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Participants

Chat

Share Screen

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Feedback

Activate Windows  
Go to Settings to activate Windows.





KONGU ARTS AND SCIENCE COLLEGE  
(Autonomous)  
NANJANAPURAM, ERODE – 638 107



DEPARTMENT OF PSYCHOLOGY

BOARD OF STUDIES MEETING

AGENDA

DATE: 01.10.2020

1. To consider and approve the curriculum and syllabi for the candidates admitted during the academic year 2020 – 2021 and onwards.
2. To consider and approve the pattern of question papers for the academic year 2020 – 2021 and onwards.
3. To consider and approve the panel of examiners.
4. To consider and discuss any other subjects with the permission of the chair.





# KONGU ARTS AND SCIENCE COLLEGE

(Autonomous)

NANJANAPURAM, ERODE – 638 107



**The meeting of the Board of Studies in Psychology**

UG was conducted on **01.10.2020** at 10.30 a.m. through Zoom Meet

The following members were present:

Chairman : *Dr. M. Viswanathan*

Members :

1. *Selvaaj Balakrishnan.*
2. *Annalakehni Narayanan.*
3. *A.T. Vibuthanya.*
4. *C.G. Nandhini.*
- 5.

BOARD OF STUDIES MEETING MINUTES

B.Sc. Psychology

Subject related to Syllabus, Panel of Examiners, Credit Systems, Continuous Internal Assessment and End Semester Examinations etc. were discussed and the following are the resolutions:


1. It is resolved to approve the curriculum and syllabi for I and II Semesters of B.Sc. (Psychology) from the academic year 2020-2021 and onwards.
2. It is resolved to adopt the newly framed Scheme of Examination and distribution of credits as well as marks for various courses.
3. It is resolved to follow the Regulations of Bharathiar University for Attendance norms, Evaluation of answer scripts, Revaluation, Retotalling and Improvement.
4. It is resolved to approve 5 marks for attendance in CIA for the students who have been admitted during the academic year 2020-2021 and onwards Annexure – I.
5. It is resolved to approve the award of Extra credits for SWAYAM and NPTEL online courses for the students who have been admitted during the academic year 2020-2021 and onwards.
6. It is resolved to follow the Continuous Internal Assessment system with the break up marks specified in Annexure – II.
7. It is resolved to follow the scheme of passing minimum for the End Semester Examinations as given in Annexure – III
8. It is resolved to follow the Credit System in evaluating Cumulative Average Grade and Weighted Average of marks while issuing Consolidated Mark sheet.
9. It is resolved to approve the panel of Examiners as given in Annexure – IV
10. It is resolved to follow the question paper pattern as given in Annexure – V

11. It is resolved to have 50% internal and 50% external examiners for the evaluation of answer scripts of End Semester Examinations.

All the above resolutions are approved

1. Dr. M. Viswanathan - online

2. A.T. Vibuthanya -

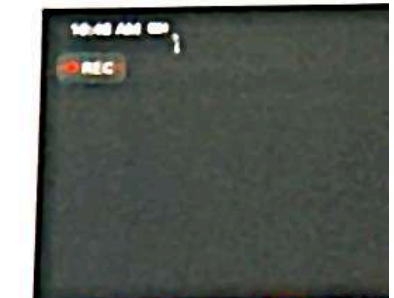
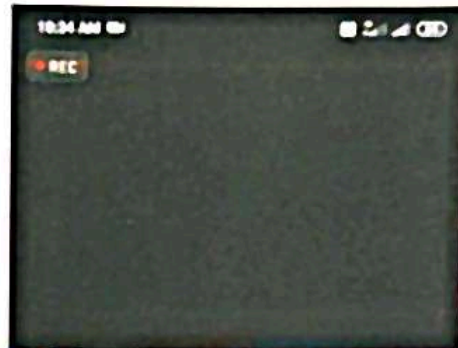
3. C.G. Nandhini - 



KONGU ARTS AND SCIENCE COLLEGE (AUTONOMOUS)

Department of Psychology

BOS(2020-2021) Attendance of B.Sc. Psychology held on 1.10.2020 through ZOOM





**KONGU ARTS AND SCIENCE COLLEGE  
(AUTONOMOUS)**

Nanjanapuram, Erode – 638 107.

The meeting of the Board of Studies in Mathematics UG / PG is conducted on 15.07.2020 at 10 a.m in the online mode.

The following members were present.

Chairman: Dr.S.Nagarajan

Members:

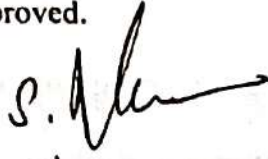
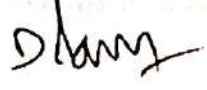



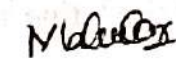
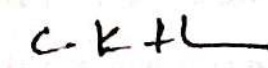


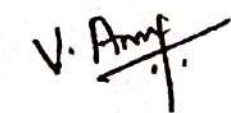

1. Mr.D.Sivakumar
2. Ms.C.Radhamani
3. Dr.S.R.Kannan
4. Dr.D.Narasimhan
5. Dr.A.Devika
6. Ms.D.Srimathi
7. Ms.T.Keerthana
8. Mr.S.Suresh
9. Dr.M.Lalitha
10. Mr.P.Maheshkumar
11. Ms.C.Kiruthica
12. Ms.A.Deepa
13. Ms.R.Yuvarekha
14. Ms.V.Amudhamalar
15. Ms.P.Kiruthika
16. Ms.D.Jayabrindha
17. Ms.S.Vidhya
18. Ms.M.Kalaivani
19. Ms.K.Sivaranjani
20. Ms.G.Priyadharsini
21. Ms.S.Saveetha
22. Ms.N.Priyanka

Subject related to Syllabus, Advanced Learners Course and Attendance Marks in CIA were discussed and the following are the resolutions:

1. It is resolved to approve there is no change in the syllabi of I and II Semesters for B.Sc. Mathematics students admitted during the academic year 2020-2021 and onwards be approved.
2. It is resolved to approve there is no change in the syllabi of I and II Semesters for M.Sc. Mathematics students admitted during the academic year 2020-2021 and onwards be approved.
3. It is resolved to approve there is no change in the syllabi of III and IV Semesters for M.Sc. Mathematics students admitted during the academic year 2019-2020 and onwards be approved.
4. It is resolved to approve there is no change in the syllabi of I and II Semesters Allied Courses of B.B.A., B.B.A. (CA), B.Com.(CA), B.Com. (PA), B.Com.(B&I), B.Sc.(CS), B.C.A., B.Sc.(CT) and B.Sc.(IT) students admitted in the year 2020 –2021 and onwards be approved.
5. It is resolved to approve there is no change in the syllabi of III and IV Semesters Allied Courses of B.Sc.(Biochemistry), B.Sc.(Biotechnology), B.Sc.(Physics), B.Sc. (CS), B.C.A, B.Com, B.Com(CSCA) and M.C.A students admitted in the year 2019 – 2020 and onwards be approved .
6. It is resolved to approve there is no change in the syllabi of IV Semester Advanced Learners Course for B.Sc. Mathematics students admitted during the academic year 2019-2020 and onwards be approved.
7. It is resolved to approve there is no change in the syllabi of III Semester Advanced Learners Course for M.Sc. Mathematics students admitted during the academic year 2019-2020 and onwards be approved.
8. It is resolved to approve there is no change in the syllabi of III and IV Semesters Non-major Elective Courses for other UG students admitted during the academic year 2019-2020 and onwards be approved.
9. It is resolved to approve there is a modification in the syllabi of III & IV Semesters for B.Sc. Mathematics students admitted during the academic year 2019-2020 and onwards be approved.
10. It is resolved to approve there is a modification in the syllabi of V and VI Semesters for B.Sc. Mathematics students admitted during the academic year 2018-2019 and onwards be approved.

11. It is resolved to approve there is a modification in the syllabi of V Semester Advanced Learners Course for B.Sc. Mathematics students admitted during the academic year 2018-2019 and onwards be approved.
12. It is resolved to approve the Additional name for the panel of Question Paper Setters and Examiners be approved.

All the above resolutions are approved.

1. Dr.S.Nagarajan - 
2. Mr.D.Sivakumar - 
3. Ms.C.Radhamani - 
4. Dr.S.R.Kannan
5. Dr.D.Narasimhan
6. Dr.A.Devika
7. Ms.D.Srimathi
8. Ms.T.Keerthana
9. Mr.S.Suresh - 
10. Dr.M.Lalitha - 
11. Mr.P.Maheshkumar - 
12. Ms.C.Kiruthica - 
13. Ms.A.Deepa - 
14. Ms.R.Yuvarekha - 
15. Ms.V.Amudhamalar - 
16. Ms.P.Kiruthika - 



- 17. Ms.D.Jayabrindha - D. Jayabrindha
- 18. Ms.S.Vidhya - S. Vidhya
- 19. Ms.M.Kalaivani - M. Kalaivani
- 20. Ms.K.Sivaranjani - K. Sivaranjani
- 21. Ms.G.Priyadharsini - G. Priyadharsini
- 22. Ms.S.Saveetha - S. Saveetha
- 23. Ms.N.Priyanka - N. Priyanka



# KONGU ARTS AND SCIENCE COLLEGE (Autonomous)



Affiliated to Bharathiar University, Coimbatore  
Approved by UGC, AICTE, New Delhi & Re accredited by NAAC, DBT STAR College  
Scheme

(An ISO 9001:2015 Certified Institution)  
NANJANAPURAM, ERODE – 638 107

## DEPARTMENT OF PHYSICS

### BOARD OF STUDIES MEETING

#### AGENDA

**DATE: 15.07.2020**

1. To consider and approve the syllabi for the students admitted during the academic year 2018-2019 and 2019-2020 and onwards.
2. To consider and approve the syllabi of III and IV Semesters Non-major Elective Courses for other UG students admitted during the academic year 2019 - 2020 and onwards.
3. To consider and approve the Panel of Examiners.
4. To consider and discuss any other subjects with the permission of the chair.





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NANJANAPURAM, ERODE – 638 107

The meeting of the Board of Studies in Physics (UG) was conducted on  
15.07.2020 at 10.15 a.m. through online mode (ZOOM Cloud Meeting).

The following members were present:

Chairman : Ms.K.Maithilee

Members :

1. Dr.M.Lavanya – University Nominee

2. Dr. L.Palaniappan – Subject Expert

3. Ms. R.Chitra - Member

4. Mr.T.Akashnarayana - Member

5. Ms.P.Visali - Member

Subject related to Syllabus, Advanced Learners Course and Attendance Marks in CIA were discussed and the following are the resolutions:

1. It is resolved to approve there is no change in the syllabi of I and II Semesters for B.Sc. Physics and Allied Courses for B.Sc. Mathematics students admitted during the academic year 2020-2021 and onwards be approved.
2. It is resolved to approve there is no change in the syllabi of I and II Semesters Allied Courses for B.Sc. Mathematics students admitted during the academic year 2020-2021 and onwards be approved.
3. It is resolved to approve there is no change in the syllabi of IV & V Semester Advanced Learners Course for B.Sc. Physics students admitted during the academic year 2019-2020 & 2018-2019 and onwards be approved.
4. It is resolved to approve there is a modification in the syllabi of III & IV Semesters for B.Sc. Physics students admitted during the academic year 2019-2020 and onwards be approved. The approved modification has been enclosed as Annexure I.
5. It is resolved to approve there is a modification in the syllabi of V and VI Semesters for B.Sc. Physics students admitted during the academic year 2018-2019 and onwards be approved. The approved modification has been enclosed as Annexure I.
6. It is resolved to approve there is a modification in the syllabi of III and IV Semesters Non-major Elective Courses for other UG students admitted during the academic year 2019 - 2020 and onwards be approved.
7. It is resolved to approve the additional name for the panel of the question paper setters and examiners be approved.





### Annexure I

S.No	Points Discussed
1.	The meeting of Board of Studies in Physics suggests the following modifications in the III & IV Semesters for the B.Sc. Physics students admitted during the academic year 2019-2020 and onwards. Also, the committee suggests modifications in the V and VI Semesters for B.Sc. Physics students admitted during the academic year 2018-2019 onwards.
2.	Semester III: Electricity and Magnetism Comparison between series and parallel Resonant circuit, Wattless current (UNIT IV) and Self inductance of coaxial cylinder topic in UNIT V
3.	Semester III: Inter Departmental Course (NME): Introduction to Electricity and Electronics Zener diode, UJT - comparison of ICs based on MOS and Bipolar transistor technology. This inclusion is to provide better understanding of the subject.
4.	Semester III : Scientific Facts I (SBS) Aurora Polaris, Elliptical orbit of planets, Cooling of fingers in winter season, East coast more often affected than west coast, Determination of latitude and longitude of a given place on earth, Energy from tidal waves, Moon and sun appear larger at the horizon, Spark generation from a gas stove lighter, necessity of switching off mobile phones in air plane Semester IV : Scientific Facts II (SBS) Induction stove, Acids in battery, Passage of electric current through wire, Copper for electromagnets, Tarnishing of silver, Flexiglass, Functioning of thermostat, Production of electricity from Nuclear materials, Low pressure and high pressure sodium vapour lamp, Time taken for copying and deleting file in the computer, Optical mouse and wireless mouse Topics Excluded : Electrical Appliances, Role of choke and starter in tubelight
5.	Semester IV: Course Name : Optics Topics approved by the BOS members in Physics for inclusion are <ul style="list-style-type: none"> <li>➤ Distinction between Interference and Diffraction</li> <li>➤ Fresnel diffraction at a circular aperture</li> </ul>
6.	Semester IV: Core Practical – II 1. Hall effect - Determination of Hall coefficients 2. Multimeter <ul style="list-style-type: none"> <li>i) Ammeter, Voltmeter and Ohm meter</li> <li>ii) Verification of Electronic components</li> </ul>
7.	Semester IV: Electrical and Electronic Appliances (NME) Vehicle head lights, Induction Stove, Electric water heater, Silicon in electronics Wireless mouse
8.	Semester V: Mathematical Physics Topic Included: "Least Action principle" (Unit V) Excluded "Application of Gauss theorem", which has been already covered in Electricity and Magnetism
9.	Semester V: Quantum Mechanics and Relativity Topics approved and incorporated in Revision are Unit III : Orthogonality of Eigen Functions <ul style="list-style-type: none"> <li>➤ Proof of energy Eigen values are real and</li> <li>➤ Two eigen functions corresponding to different eigen values are orthogonal to each other</li> </ul>
10.	Semester V: Atomic Physics and Spectroscopy Unit IV : Lenard's method to determine e/m for photoelectrons is included in the Revised syllabus



11.	Semester V: Basic Electronics Scaler (Unit V) is decided to exclude in the syllabus explicitly since it is very basic and by default this will be discussed under Characteristics of Operational Amplifier
12.	Semester VI : Solid State Physics The topics suggested and approved as inclusions are Unit I: HCP structure , Miller indices and important features of Miller indices Unit IV: Frequency dependence of Polarizability Unit V: New Materials: Metallic Glasses, Fiber reinforced Plastics and Fiber Reinforced Metals, Biomaterials, High Temperature Materials, SMART Materials.
13.	Semester VI : Nuclear Physics Determination of $e/m$ of alpha particles, Determination of wavelength of Gamma rays (Du Mond curved crystal spectrometer) topics are incorporated in the revised syllabus
14.	Semester VI : Fundamentals of Digital Electronics Topics approved for integration are Excess-3 Code, Parallel Binary Adder and Parallel Binary Subtractor
15.	CORE PRACTICAL – III Demonstration 1. He – Ne Laser – Wavelength of laser source 2. Nano particle preparation CORE PRACTICAL – IV 1. Microprocessor – 8085 – Multiplication and Division Demonstration (any 2) 1. CRO - Lissajous Pattern Formation 2. Hartley Oscillator 3. BCD to Seven segment display

All the above resolutions are approved

1.  15/7/2020
2. MS. M. Lavanya (online mode)
3. Dr. L. Palaniappan (online mode)
4.  15/07/2020
5.  15/7/2020
6.  15/7/2020