



**THE STANDARD FIREWORKS RAJARATNAM COLLEGE FOR WOMEN (AUTONOMOUS),
Sivakasi**

(Affiliated to Madurai Kamaraj University, Reaccredited with "A" Grade by NAAC,
College with Potential for Excellence by UGC & Mentor Institution under UGC PARAMARSH)

NAAC SSR Cycle IV (2015-2020)

6.1 Institutional Vision and Leadership

6.1.1 Vision and Mission

CONSTRUCTIVE ALIGNMENT



**THE STANDARD FIREWORKS RAJARATNAM COLLEGE FOR WOMEN (AUTONOMOUS),
SIVAKASI – 626 123.**


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2019-2020 ODD

THE STANDARD FIREWORKS RAJARATNAM COLLEGE FOR WOMEN (Autonomous), SIVAKASI
(Affiliated to Madurai Kamaraj University, re-accredited with 'A' Grade by NAAC and College with Potential for Excellence by UGC)
DEPARTMENT OF ENGLISH
Constructive Alignment-Teaching Strategies, Learning Activities and Assessment Tools
PG [ODD SEMESTER (2019 – 2020)]

Course Code & Course Title: HLEN3E1-UGC NET – PREPARATORY COURSE –ENGLISH Semester: III
Name of the Course Teacher: Dr.M.Shanthi Class: II M.A

Course Outcomes On successful completion of the course, the learners should be able to	Teaching Methods	Learning Activities	Assessment Tools
CO1: I am confident that I can classify the prominent writers and their creative writings, critics and theorists.	Lectures, Discussions	Group discussions	Three Term Tests, Quiz, Assignment.
CO2: My ability to recognize the information dealt in the texts has been improved	Lectures, Discussions	Group discussions, Quizzes	Three Term Tests, Quiz, Assignment.
CO3: I am able to identify the literary terms, techniques, theories and figures of speech in the given texts	Lectures, Tutorials, Peer Learning	Quizzes, Group discussions.	Three Term Tests, Quiz, Assignment.
CO4: I am able to analyse the literary texts, theories and criticism	Lectures, Discussions	Quizzes, Group discussions.	Three Term Tests, Quiz, Assignment.
CO5: I am capable of evaluating the figurative styles of writers	Lectures, Tutorials	Quizzes, Group discussions	Three Term Tests, Quiz, Assignment.

Signature of Course Teacher: 

Signature of HOD: 



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DEPARTMENT OF ENGLISH
Constructive Alignment-Teaching Strategies, Learning Activities and Assessment Tools
UG [ODD SEMESTER (2019 – 2020)]

Course Code & Course Title: GLGE11

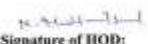
Semester: I

Name of the Course Teacher: V. Kani Selvi

Class: I Maths (B)

Course Outcomes On successful completion of the course, the learners should be able to	Teaching Methods	Learning Activities	Assessment Tools
Find the grammatical functions in a sentence.	Lectures.	Written Quizzes.	Three Term Tests, Quiz, Assignment.
Interpret a passage and infer its meaning.	Lectures, Discussions.	Discussions.	Three Term Tests, Quiz, Assignment.
Apply appropriate vocabulary	Lectures, Tutorials.	Written Quizzes.	Three Term Tests, Quiz, Assignment.
Categorize the given ideas for formal writing	Lectures, Tutorials.	Discussions & Presentations.	Three Term Tests, Quiz, Assignment.
Fix grammatical structures accurately	Lectures, Tutorials.	Discussions, Presentations, Quizzes.	Three Term Tests, Quiz, Assignment.


Signature of Course Teacher:


Signature of HOD:



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DEPARTMENT OF HISTORY

Constructive Alignment-Teaching Strategies, Learning Activities and Assessment Tools

UG [ODD SEMESTER (2019 – 2020)]

Course Code & Course Title: GLHT1A - INDIAN ECONOMY
Semester: I

Name of the Course Teacher: Dr.P.STELLA MUTHU RAJAM
B.A

Class:I

Course Outcomes On successful completion of the course, the learners should be able to	Teaching Methods	Learning Activities	Assessment Tools
CO1: : acquire knowledge on the status of Indian Economy	Lectures & Tutorials	Group Discussions & mind maps	Term Test I & Term TestII
CO2: identify the problems on agriculture, unemployment clearly with relief measures.	Tutorials & Discussions	Group Discussions ,mind maps& presentations	Term Test II & Quiz
CO3: analyse the demographic profile of India and relate with government population policy.	Lectures and Tutorials	Group Discussions & Presentations	Term Test I & Term Test III Assignment
CO4: assess and express the importance of industrialization and industrial policy.	Discussions & Lectures	Group Discussions& mind maps	Term Test III and Assignment
CO5: express the features of planning, general objectives, failures and achievements and distinguish between planning commission and NITI Aayog.	Discussions & Lectures	Group Discussions & Presentations	Term Test III & Quiz

P. Stella Muthu Rajam
Signature of Course Teacher:

[Signature]
Signature of HOD:



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DEPARTMENT OF HISTORY

Constructive Alignment-Teaching Strategies, Learning Activities and Assessment Tools

UG [ODD SEMESTER (2019 – 2020)]


Course Code & Course Title: GLHT5E1& HISTORY OF THE USA(1860-1945A,D)


Semester: V

Name of the Course Teacher: DR. M. KAVITHA

Class: III B.A

Course Outcomes On successful completion of the course, the learners should be able to	Teaching Methods	Learning Activities	Assessment Tools
CO1: describe the causes and results for civil war, Reconstruction, industrialization and World War ideology	Lectures & Tutorials	Group Discussions & Presentations	Term Test I & Assignment
CO2: discuss the economic transformation of the U.S.A. in the post Civil war period.	Tutorials & Discussions	Group Discussions & Debates	Term Test I, Term Test II& Term Test III
CO3: classify the policies of U.S.A Presidents and their contribution to the development of U.S.A.	Lectures and Tutorials	Mind maps & Presentations	Term Test I & Quiz
CO4: explain the role of U.S.A in the First and Second World War.	Discussions & Lectures	Group Discussions & ICT Method	Term Test III and Quiz
CO5:analyze the emergence of U.S.A as World power and USA's efforts for peace.	Discussions & Self learning	Group Discussions & Presentations	Term Test III & Assignment

Signature of Course Teacher: 

Signature of HOD: 



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DEPARTMENT OF COMMERCE

Constructive Alignment-Teaching Strategies, Learning Activities and Assessment Tools

I M.Com (BT) [ODD SEMESTER (2019 – 2020)]

Course Code & Course Title: HLVM13 - BUSINESS ENVIRONMENT AND POLICY

Semester: I

Name of the Course Teacher: Ms. M. JEGADEESWARI

Class: I M.Com (BT)

Course Outcomes On successful completion of the course, the learners should be able to	Teaching Methods	Learning Activities	Assessment Tools
CO1: Explain the basic fundamental concepts of business environment	Lectures	Group Discussions	Term Test I, Class Tests, Assignments
CO2: Describe the factors affecting the business	Lectures and Discussions	Interactive sessions	Term Test I, Class Tests, Assignments and Seminars
CO3: Identify the nature of the sustainability problems faced by business	Lectures and Discussions	Interactive sessions	Term Test II, Class Tests, Assignments
CO4: Determine the role of Government in business operations	Lectures and Discussions	Interactive sessions	Term Test II & III, Class Tests and Seminars
CO5: Examine the functions of macro environment in Indian economy	Lectures	Interactive sessions	Term Test III, Class Tests, Assignments and Seminars

M. Jegadeeswari
Signature of Course Teacher:

M. Rajatambal
Signature of HOD:



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DEPARTMENT OF COMMERCE

Constructive Alignment-Teaching Strategies, Learning Activities and Assessment Tools

UG [ODD SEMESTER (2019 – 2020)]

Course Code & Course Title:GLCM12 &Business Organisation

Semester: I

Name of the Course Teacher:Dr.K.J.SUNMISTA

Class: LB.Com(R)

Course Outcomes On successful completion of the course, the learners should be able to	Teaching Methods	Learning Activities	Assessment Tools
CO1: summarize the working aspects of various businesses	Lectures	Mind map on Economic Objectives of Business	Term Test-I Assignment
CO2: identify the key components of a successful business	Lectures	Field Trip to industries in Rajapalayam and Report was prepared	Term Test I & II
CO3: explain the features and types of various forms of organization	Lectures	Role play as sole proprietors and Partners	Term Test II, III Quiz
CO4: examine the tactics, principles and legal procedures for starting a firm / company	Lectures	Images were shown for partnership deed and Certificate of Incorporation	Term Test III & IV
CO5: distinguish the functioning of various forms of organization	Lectures	Debate on beneficial forms of organisation	Term Test III Assignment

K.J. Sunmista
Signature of Course Teacher:

M. Rajatendran
Signature of HOD:



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DEPARTMENT OF MATHEMATICS

Constructive Alignment-Teaching Strategies, Learning Activities and Assessment Tools

UG MATHEMATICS(R) [ODD SEMESTER (2019 – 2020)]

Course Code & Course Title: GLMT3A –PROGRAMMING IN C


Semester: III

Name of the Course Teacher: Dr.A.MYDEEN BIBI

Class:II B.Sc Maths (R)

Course Outcomes On successful completion of the course, the learners should be able to	Teaching Methods	Learning Activities	Assessment Tools
CO1:define the basic concepts of C Language.	Lectures, Tutorials, Discussions	Group Discussions, Presentations, ICT Methods, Interactive Quizzes	Term Test I, Term Test III, Quiz, Assignment
CO2:discuss user defined functions, structures, unions, pointers and files.	Lectures, Tutorials, Discussions	Videos/Films, Presentations, ICT Methods	Term Test I, Term Test II, Term Test III, Assignment
CO3:apply decision making and looping statements to create simple programs	Lectures, Tutorials, Discussions	Group Discussions, Videos/Films, Presentations, ICT Methods	Term Test II
CO4:build simple programs using functions, arrays and file.	Lectures, Tutorials, Discussions	Videos/Films, Presentations, Mind maps, ICT Methods, Interactive Quizzes	Term Test II, Quiz, Assignment
CO5:infer the concept of pointers, structures and unions.	Lectures, Tutorials, Discussions	Videos/Films, Presentations, ICT Methods	Term Test III

Signature of Course Teacher: 

Signature of HOD: 



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DEPARTMENT OF MATHEMATICS

Constructive Alignment-Teaching Strategies, Learning Activities and Assessment Tools

UG MATHEMATICS (CA) [ODD SEMESTER (2019 – 2020)]

Course Code & Course Title: GLMC5E1& Linear Programming

Semester: V

Name of the Course Teacher: Dr. S. Pethanachi Selvam

Class: III B.Sc Maths(CA)

Course Outcomes On successful completion of the course, the learners should be able to	Teaching Methods	Learning Activities	Assessment Tools
CO1: explain LPP, canonical & standard form, primal-dual form and sub / special classes of LPP.	Lectures, Tutorials, problem based learning	Group Discussions	Term Test I, Term Test II, Term Test III, Quiz, Assignment
CO2: express real life problem into mathematical form.	Lectures, Tutorials, problem based learning	Group Discussions	Term Test I, Quiz
CO3: apply efficient computational techniques and algorithms that are needed to solve optimization problems, sub / special classes of LPP.	Lectures, Tutorials, problem based learning	Interactive Quizzes	Term Test I, Term Test II, Term Test III, Assignment
CO4: determine basic, feasible, infeasible, IBFS, unbounded, degenerate / non degenerate solutions to a LPP, TP and AP.	Lectures, Tutorials, problem based learning	Presentations	Term Test I, Term Test II, Assignment
CO5: examine the balanced / unbalanced TP / AP.	Lectures, Tutorials, problem based learning	Group Discussions	Term Test III

S. Pethanachi Selvam
Signature of Course Teacher:

S. Pethanachi Selvam
Signature of HOD:



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DEPARTMENT OF PHYSICS

Constructive Alignment-Teaching Strategies, Learning Activities and Assessment Tools

PG PHYSICS [ODD SEMESTER (2019 – 2020)]

Course Code & Course Title: HLPH31 - Solid State Physics - I

Semester: III

Name of the Course Teacher: Dr K. P. RADHA

Class: II M.Sc

Course Outcomes On successful completion of the course, the learners should be able to	Teaching Methods	Learning Activities	Assessment Tools
CO1: recall elastic / thermal properties, parameters of different crystals / materials	Lectures, Tutorials, Discussions, Self learning.	Group Discussions, Presentations, Debates.	Term Test I, Term Test II, Term Test III, Seminar, Assignment
CO2: discuss parameters of different crystals/elastic waves, heat capacity, electrical and thermal properties of different materials/models	Lectures, Tutorials, Discussions, Self learning.	Group Discussions, Presentations, Debates.	Term Test I, Term Test II, Term Test III, Seminar, Assignment
CO3: interpret parameters of different types of crystals/elastic waves and models	Lectures, Tutorials, Discussions, problem based learning, Self learning.	Group Discussions, Presentations, Debates.	Term Test I, Term Test II, Term Test III, Seminar, Assignment
CO4: examine elastic waves, thermal/electrical parameters of different crystals/models/materials and carrier concentrations.	Lectures, Tutorials, Discussions, problem based learning, Self learning.	Group Discussions, Presentations, Debates,	Term Test I, Term Test II, Term Test III Seminar, Assignment
CO5: derive parameters of inert gas/ionic/ semiconductor crystals, elastic waves and different models	Lectures, Tutorials, Discussions, Self learning.	Group Discussions, Presentations, Debates.	Term Test I, Term Test II, Term Test III, Seminar, Assignment


Signature of Course Teacher:


Signature of HOD:



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DEPARTMENT OF PHYSICS

Constructive Alignment-Teaching Strategies, Learning Activities and Assessment Tools

UG /PG /M.Phil. PHYSICS [ODD SEMESTER (2019 – 2020)]

Course Code & Course Title: HLPHE2 - DIGITAL LOGIC DESIGN

Semester: I

Name of the Course Teacher: Dr.F. Kingslin Mary Genova

Class: I PG Elective

Course Outcomes On successful completion of the course, the learners should be able to	Teaching Methods	Learning Activities	Assessment Tools
CO1: simplify the Boolean functions and to construct circuits	Lectures, Tutorials, Discussions, Presentation	Group Presentations, Discussions,	Term Test I, Term Test II, Term Test III
CO2: explain the working of digital circuits (combinational and sequential) with diagram	Lectures, Tutorials, Presentation	Group Discussions	Term Test I, Term Test II, Term Test III
CO3: design combinational and sequential circuits using gates and flip flops	Lectures, Tutorials, Discussions, problem based learning	Group Presentations, Discussions, interactive quiz	Term Test I, Term Test II, Term Test III, Seminar
CO4 analyze combinational and sequential circuits using gates and flip flops	Lectures, Tutorials, Discussions, problem based learning	Group Discussions, Mind maps, ICT Methods,	Term Test I, Term Test II, Term Test III, Assignment
CO5: apply the design procedure to solve problems	Lectures, Tutorials, Discussions, problem based learning, Self learning	Group Presentations, Discussions, Mind maps, ICT Methods	Term Test I, Term Test II, Term Test III

Kingslin Mary Genova
Signature of Course Teacher:

[Signature]
Signature of HOD:



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DEPARTMENT OF CHEMISTRY

Constructive Alignment-Teaching Strategies, Learning Activities and Assessment Tools

PG CHEMISTRY [ODD SEMESTER (2019 – 2020)]


Course Code & Course Title: HLCH13PHYSICAL CHEMISTRY I

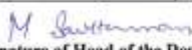
Semester: I

Name of the Course Teacher: Dr.S.SHANTHI

Class: IM.Sc.Chemistry

Course Outcomes On successful completion of the course, the learners should be able to	Teaching Methods	Learning Activities	Assessment Tools
CO1: explain the concepts of electrolytic conductance of solutions and thermodynamic properties of real and ideal gases	Lectures, Tutorials, Discussions, problem based learning, Self learning	Group Discussions, Mind maps, ICT Methods, Interactive Quizzes	Term Test I, Term Test II, Term Test III, Assignment, Seminar
CO2: determine the electrical and thermodynamic properties of molecules	Lectures, Tutorials, Discussions, problem based learning, Self learning	Group Discussions, Mind maps, ICT Methods, Interactive Quizzes	Term Test I, Term Test II, Term Test III, Assignment
CO3: describe the theories of electrolysis, corrosion, polarization and non equilibrium thermodynamics	Lectures, Tutorials, Discussions, problem based learning, Self learning	Group Discussions, Mind maps, ICT Methods, Interactive Quizzes	Term Test I, Term Test II, Term Test III
CO4: list the properties of ideal, non-ideal, electrolytic solutions and methods of preventing corrosion	Lectures, Tutorials, Discussions, problem based learning, Self learning	Group Discussions, Mind maps, ICT Methods, Interactive Quizzes	Term Test I, Term Test II, Term Test III
CO5: discuss the applications of electrical instruments	Lectures, Tutorials, Discussions, problem based learning, Self learning	Group Discussions, Mind maps, ICT Methods, Interactive Quizzes	Term Test I, Term Test II,


Signature of Course Teacher


Signature of Head of the Department



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DEPARTMENT OF CHEMISTRY

Constructive Alignment-Teaching Strategies, Learning Activities and Assessment Tools

UG Chemistry [ODD SEMESTER (2019 – 2020)]

Course Code & Course Title: GLPE 11- Peace Education

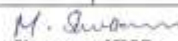
Semester: I

Name of the Course Teacher: Mrs. C. Gokilamani

Class: I B.Sc Chemistry

Course Outcomes On successful completion of the course, the learners should be able to	Teaching Methods	Learning Activities	Assessment Tools
CO1: define values associated with peaceful and harmonious co-existence for better living.	Lectures, Tutorials, Discussions	Group Discussions, Role Playing	Test I, II
CO2: understand the strategies to deal with local, regional or global problems.	Lectures, Tutorials, peer learning	Group Discussions, Case Study	Test I, III
CO3: analyse the ways to protect themselves through human rights.	Discussions, , peer learning	Group Discussions, Case Study	Test II, III
CO4: examine the effects of non-violence and work towards global harmony	Lectures, Tutorials, Discussions,	Group Discussions, Case Study	Test II, III
CO5: adapt the positive urges in human through the life of great leaders.	Discussions, peer learning	Group Discussions, Role Playing	Test III

Signature of Course Teacher: 


Signature of HOD:



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DEPARTMENT OF INFORMATION TICKET

Constructive Alignment-Teaching Strategies, Learning Activities and Assessment Tools

UG - IT [ODD SEMESTER (2019 - 2020)]

Course Code & Course Title: GLITIL-C & PC SOFTWARE

Semester: V

Name of the Course Teacher: Mrs.Prescilla

Class: III B.Sc IT

Course Outcomes On successful completion of the course, the learners should be able to	Teaching Methods	Learning Activities	Assessment Tools
CO1: :	-	-	-
CO2:	-	-	-
CO3: create various personal/business documents using Microsoft Word.	Skill development	Exercises	Day to day evaluation
CO4: build Excel Sheets to formulate complex calculations and do statistical analysis using Charts.	Demonstration	Exercises	Skill Tests
CO5: design business presentations with elegant animations.	Skill development	Exercises	Model practical exams

Signature of Course Teacher:

Signature of HOD:



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DEPARTMENT OF INFORMATION TECHNOLOGY
Constructive Alignment-Teaching Strategies, Learning Activities and Assessment Tools
UG [ODD SEMESTER (2019 – 2020)]

Course Code & Course Title : GLIT31 - RDBMS

Semester: III

Name of the Course Teacher : V.Saradha

Class : II B.Sc. IT

Course Outcomes On successful completion of the course, the learners should be able to	Teaching Methods	Learning Activities	Assessment Tools
CO1: summarize the fundamental concepts of DBMS, database architecture, data models, normalization concepts and database terminologies.	Lectures, Tutorials, Discussions, etc.,	Videos, Presentations, discussions in Learning Management System, Mind maps, ICT Methods, Interactive Quizzes	Term Tests , Quiz, Assignment
CO2: demonstrate the ER model and Relational Algebra operations from mathematical set theory.	Lectures, Tutorials, Discussions, problem based learning, peer learning	Videos, Presentations, discussions in Learning Management System	Term Tests , Quiz, Assignment
CO3: create and populate a RDBMS with constraints and keys using SQL.	Lectures, Tutorials, Discussions, problem based learning, peer learning	Videos, Presentations, discussions in Learning Management System	Term Tests , Quiz, Assignment
CO4: use different query constructs for efficient retrieval of information from a database.	Lectures, Tutorials, Discussions, problem based learning, peer learning	discussions in Learning Management System	Term Tests , Quiz, Assignment
CO5: experiment PL/SQL Procedures, Functions, Package and Triggers.	Lectures, Tutorials, Discussions, problem based learning, peer learning	discussions in Learning Management System	Term Tests , Quiz, Assignment

Signature of Course Teacher:

Signature of HOD:



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DEPARTMENT OF COSTUME DESIGN AND FASHION

Constructive Alignment-Teaching Strategies, Learning Activities and Assessment Tools

UG / [ODD SEMESTER (2019 – 2020)]

Course Code & Course Title: GLFD5E2 APPAREL INDUSTRY MANAGEMENT

Semester: III

Name of the Course Teacher: R.Narmatha

Class: II CD&F

Course Outcomes On successful completion of the course, the learners should be able to	Teaching Methods	Learning Activities	Assessment Tools
CO1: Interpret the dynamic of supply chain management	Lectures & Tutorials	Group Discussions & Interactive Quizzes	Term Test I, Quiz, Assignment.
CO2: build an organization concept and business legal structures of apparel industries.	Lectures, Discussions & problem based learning	Case Study & Group Discussions	Term Test II
CO3: categorize the different level of management	Lectures, Tutorials & Discussions	Presentations & Interactive Quizzes,	Term Test I, Term Test III
CO4: evaluate the entrepreneurial skills and management.	Lectures and Discussions	Group Discussions and Debates	Term Test I, Term Test II, Term Test III,
CO5: compile the various steps followed in garment manufacturing industries.	Discussions & Self learning	Group Discussions & Presentations	Term Test I, Term Test III,

Signature of Course Teacher: *R.Narmatha*

Signature of HOD: *[Signature]*



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DEPARTMENT OF COSTUME DESIGN AND FASHION

Constructive Alignment-Teaching Strategies, Learning Activities and Assessment Tools

UG / [ODD SEMESTER (2019 – 2020)]

Course Code & Course Title: GLPE11 & Peace Education


Semester: I

Name of the Course Teacher: T. AGASTHIYAAMBIKA

Class: I CD&F

Course Outcomes On successful completion of the course, the learners should be able to	Teaching Methods	Learning Activities	Assessment Tools
CO1: define values associated with peaceful and harmonious co-existence for better living	Lectures & Discussions	Group Discussions & Interactive Quizzes	Term Test 1,2,3,
CO2: infer the strategies to deal with local, regional or global problems	Lectures, Discussions	Case Study & Group Discussions	Term Test 4,5
CO3: analyze the ways to protect themselves through human rights.	Lectures, Tutorials & Discussions	Presentations & Interactive Quizzes,	Term Test 7,8,9,10,11
CO4: examine the effects of non-violence and work towards global harmony	Lectures and Discussions	Group Discussions and Debates	Term Test III, 6,12,13,
CO5: adapt the positive urges in human through the life of great leaders	Discussions & Self learning	Group Discussions & Presentations	Term Test III, 14,15,16

Signature of Course Teacher: 

Signature of HOD: 



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DEPARTMENT OF COMMERCE (PA)

Constructive Alignment-Teaching Strategies, Learning Activities and Assessment Tools

B.Com. (Professional Accounting) [ODD SEMESTER (2019 – 2020)]

Course Code & Course Title: GLPE11 – PEACE EDUCATION

Semester: I

Name of the Course Teachers: Dr.F.Sweetlyn Joy Christy

Class: I B.Com.(PA)

Course Outcomes On successful completion of the course, the learners should be able to	Teaching Methods	Learning Activities	Assessment Tools
CO1: define values associated with peaceful and harmonious co-existence for better living	Lectures ,Tutorials And Discussions	Group Discussions	Term Test I & Term Test II
CO2: infer the strategies to deal with local, regional and global problems	Lectures ,Tutorials, peer learning And Discussions	Group Discussions	Term Test I , & Term Test III
CO3: analyse the ways to protect themselves through human rights	Lectures ,Tutorials And Discussions	Group Discussions	Term Test II & Term Test III
CO4: examine the effects of non- violence and work towards global harmony	Lectures ,Tutorials And Discussions	Group Discussions	Term Test II and Term test III
CO5: adopt the positive urges in human through the life of great leaders.	Lectures ,Tutorials, peer learning And Discussions	Group Discussions	Term Test II, Term Test III

F. Sweetlyn Joy Christy
Signature of Course Teacher:

F. Sweetlyn Joy Christy
Signature of HOD



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DEPARTMENT OF COMMERCE (PA)

Constructive Alignment-Teaching Strategies, Learning Activities and Assessment Tools

UG – Commerce (PA) [ODD SEMESTER (2019 – 2020)]

Course Code & Course Title: GIPLA11 & Corporate Communication

Semester: I

Name of the Course Teacher: Mrs.S.Rengeswari

Class: I B.Com(PA)

Course Outcomes On successful completion of the course, the learners should be able to	Teaching Methods	Learning Activities	Assessment Tools
CO1: explain the various concepts of business correspondence.	Lectures, Tutorials, Discussions	Group Discussions, Mind Map	Term 1, Quiz, Assignment
CO2: describe the significance of ethical communication in both personal and business environment	Lectures, Tutorials, Discussions	Group Discussions	Term 1, Assignment
CO3: apply verbal and non-verbal communication skills to present clear, complete and accurate messages.	Lectures, Tutorials, Discussions	Group Discussions	Term 2, Assignment
CO4: develop appropriate commercial strategies to meet the needs of the organization.	Lectures, Tutorials, Discussions	Group Discussions	Term 2, Term 3, Assignment
CO5: draft various business reports and correspondence.	Lectures, Tutorials, Discussions	Group Discussions	Term 2, Assignment

Signature of Course Teacher:

Signature of HOD:



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Constructive Alignment 2019-2020 EVEN



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DEPARTMENT OF TAMIL

Constructive Alignment-Teaching Strategies, Learning Activities and Assessment Tools
UG Tamil[EVEN SEMESTER (2019 – 2020)]

Course Code & Course Title:GLTA41- சமய இலக்கியம் Semester: IV
Name of the Course Teacher:Mrs.R.VijayapriyaClass: IIBA

Course Outcomes On successful completion of the course, the learners should be able to	Teaching Methods	Learning Activities	Assessment Tools
CO1: சமய இலக்கியப் பொருள்நாமகளை எடுத்துரைப்பர்.	Lectures and Group Discussions	Videos/Films	Term Test I, Term Test II, Term Test III, Quiz,
CO2: சமய இலக்கியங்கள் வழி இறைவனின் சிறப்புகளைச் சான்றுகளுடன் விளக்குவர்.	Lectures and Group Discussions	Role Playing	Term Test I, Assignment
CO3: இறைமயுடையர்களின் பக்திநெறிகளை ஆராய்வர்.	Lectures and Group Discussions	Role Playing	Term Test I, Term Test II
CO4: சிந்தனைபுலப்படுத்தும்வாழ்வியல் ஆறங்களை வரிசைப்படுத்துவர்.	Lectures and Group Discussions		Term Test III, Assignment
CO5: சமய இலக்கியங்களின் நயங்களை மதிப்பிடுவர்.	Lectures, Group Discussions and Peer learning		Term Test III

Signature of Course Teacher 
Signature of HOD 



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DEPARTMENT OF TAMIL
Constructive Alignment-Teaching Strategies, Learning Activities and Assessment Tools
UG TAMIL [EVEN SEMESTER (2019 – 2020)]

Course Code & Course Title:GLTA61- சங்க இலக்கியம்
Name of the Course Teacher:Dr.M.PadmaPriya

Semester:VI

Class: III BA TAMIL

Course Outcomes On successful completion of the course, the learners should be able to	Teaching Methods	Learning Activities	Assessment Tools
CO1:சங்க இலக்கியப் பொருள் எம்மைகளே எடுத்துரைப்பர்.	Lectures, Discussions & peer learning	Group Discussions, Videos & Powerpoint	Term Test I, Term Test II, Term Test III, Quiz, Assignment
CO2:நலைவள் தலைவிபரது ஆகப் புற வரழ்வை அடைபாணப்படுத்துவர்	Lectures & Peer learning	Group Discussions, Powerpoint&Mindmap	Term Test I
CO3:சங்கப் பாடல்களில் இடம்பெற்றுள்ள இறைமும் கூறுகளைகண்டறிந்து புலப்படுத்துவர்.	Lectures & Peer learning	Group Discussions, Powerpoint&Mindmap	Term Test II
CO4:சங்க இலக்கியங்களில் பதிவாசியுள்ளவள்ளின்களின் சிறப்புக்களை ஆராய்வர்.	Lectures & Peer learning	Group Discussions, Powerpoint&Mindmap	Term Test III
CO5:சங்க இலக்கியப் புலவர்களின் புலமும் சிறப்பைப்பதிப்பிடுவர்.	Lectures & Peer learning	Group Discussions, Powerpoint&Mindmap	Term Test I, Term Test II

Signature of Course Teacher:

Signature of HOD:



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DEPARTMENT OF BOTANY

Constructive Alignment-Teaching Strategies, Learning Activities and Assessment Tools

UG-PG /M.Phil. Botany [EVEN SEMESTER (2019 – 2020)]

Course Code & Course Title: HLBP22- Biochemistry

Semester: II

Name of the Course Teacher: Dr.U.Umadevi

Class: I M.Sc., Botany

Course Outcomes On successful completion of the course, the learners should be able to	Teaching Methods	Learning Activities	Assessment Tools
CO1: discuss the classification, properties and metabolism of carbohydrates	Lecture, discussion, Videos	Presentation, ICT Method	Term Test I
CO2: elaborate the classification, structure, biosynthesis and properties of amino acids and lipids	Lecture, tutorial, videos	Videos, PPT, ICT Method	Term Test I, Term Test II, Seminar
CO3: explain the classification, structure and properties of proteins and vitamins	Lecture, PPT, discussion	Mind maps, group discussion	Term Test II, Term Test II, Term Test III
CO4: illustrate the classification, principle and mechanism of enzyme action	Lecture, videos, PPT, discussion	Group discussion, ICT method, videos	Term Test I, Term Test II, Term Test III, Assignment
CO5: analyze the structure, types, composition and biosynthesis of nucleic acids	Lecture, Videos, PPT	Displays, PPT, ICT method	Term Test II, Term Test III

Signature of Course Teacher:

Signature of HOD: B. R.



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DEPARTMENT OF BOTANY

Constructive Alignment-Teaching Strategies, Learning Activities and Assessment Tools

M.Sc. Botany with specialization in Plant Biotechnology [EVEN SEMESTER (2019 – 2020)]

Course Code & Course Title: HLBP42 – Applied Biotechnology

Semester: IV

Name of the Course Teacher: Dr.(Mrs). K. Geetha

Class: II PG

Course Outcomes On successful completion of the course, the learners should be able to	Teaching Methods	Learning Activities	Assessment Tools
CO1: recall the core concepts and fundamentals of plant Biotechnology, biological nitrogen fixation and genetic engineering.	Lectures, Tutorials, Discussions	Group Discussions, Videos, Mind maps, ICT Methods, Presentation and Interactive Quizzes.	Term Test I, Quiz and Assignment.
CO2: develop their ability to raise plantlets on different types of plant tissue culture.	Lectures, Tutorials and Discussions.	Videos, ICT Methods, Presentation and Interactive Quizzes.	Term Test II and Assignment
CO3: list the different types of biofertilizers based on their mass cultivation and its importance.	Lectures, Tutorials, Discussions and self learning.	Group Discussions, Videos, Mind maps, ICT Methods, Presentations and Interactive Quizzes.	Term Test III and Assignment
CO4: compare the various types of fermentation and produce the various industrial products.	Lectures, Tutorials and Discussions.	ICT Methods, Presentations and Interactive Quizzes.	Term Test II & III and Assignment
CO5: compile fundamental knowledge on bioinformatics and problems and its solution in bioethics.	Lectures, Tutorials and Discussions and Self learning.	Group Discussions, Videos and Interactive Quizzes.	Term Test II & III and Assignment.

K. Geetha
Signature of Course Teacher:

Signature of HOD: *S. J.*



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DEPARTMENT OF COMPUTER SCIENCE

Constructive Alignment-Teaching Strategies, Learning Activities and Assessment Tools

PG Computer Science [EVEN SEMESTER (2019 – 2020)]

Course Code & Course Title: HLCS22 Java Programming

Semester: II

Name of the Course Teacher: Mrs.E.Ponnmalar

Class: I M.Sc Computer Science

Course Outcomes On successful completion of the course, the learners should be able to	Teaching Methods	Learning Activities	Assessment Tools
CO1: explain the features of Java	Lectures, Tutorials, Discussions, problem based learning, Self learning	Group Discussions,	Term Test I
CO2: apply inheritance, packages, interfaces, exception handling and write Java programs	Lectures, Tutorials, Discussions, problem based learning, Self learning	Case Study, ICT Methods	Term Test I, Term Test II Assignment
CO3: examine working of applets, threads, files, strings, windows, graphics and text	Lectures, Tutorials, Discussions, problem based learning, Self learning	Group Discussions, case study	Term Test II, Term Test III
CO4: interpret event handling mechanism, AWT controls and Swing	Lectures, Tutorials, Discussions, problem based learning, Self learning	Group Discussions, ICT Methods	Term Test II, Term Test III, Assignment
CO5: create Java programs to implement networking, RMI and Servlets	Lectures, Tutorials, Discussions, problem based learning, Self learning	Case study	Term Test III

E.Ponnmalar
Signature of Course Teacher:

J. Leena Banti
Signature of HOD:



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DEPARTMENT OF COMPUTER SCIENCE

Constructive Alignment-Teaching Strategies, Learning Activities and Assessment Tools

B.Sc Computer Science [EVEN SEMESTER (2019 – 2020)]

Course Code & Course Title: GLCS61-Computer Graphics

Semester: VI

Name of the Course Teacher: Mrs.S.Sathya

Class: III B.Sc (C.Sc)

Course Outcomes On successful completion of the course, the learners should be able to	Teaching Methods	Learning Activities	Assessment Tools
CO1: describe the applications of Computer Graphics, Graphics hardware, software and display technologies	Lectures	Quiz	Term Test-I, Term Test-II, Term Test-III
CO2: devise algorithms for two-dimensional basic output primitives	Lectures, Problem based learning, Tutorials	Quiz, Skill based programs	Term Test-I, Term Test-II, Assignment
CO3: explain the effect of different attributes and techniques to enhance the quality of pictures	Lectures, Problem based learning, Tutorials	Quiz	Term Test-II
CO4: apply the various geometric transformations to two-dimensional objects	Lectures, Problem based learning	Video, Quiz	Term Test-III
CO5: demonstrate the various clipping algorithms in graphics	Lectures, Problem based learning, Tutorials	Quiz, Skill based programs	Term Test-III, Assignment

S.Sathya
Signature of Course Teacher:

Signature of HOD: *S. Kumar Perumal*



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DEPARTMENT OF COMPUTER SCIENCE

Constructive Alignment-Teaching Strategies, Learning Activities and Assessment Tools

B.Sc Computer Science [EVEN SEMESTER (2019 – 2020)]

Course Code & Course Title: GLCS4A – Computer Oriented Numerical Methods

Semester: IV

Name of the Course Teacher: B.THERESITA MARY SHANTHI

Class : II YEAR

Course Outcomes On successful completion of the course, the learners should be able to	Teaching Methods	Learning Activities	Assessment Tools
CO1: explain the concepts of numerical methods	Lectures, Tutorials	Mind maps	Term Test I, II, III Quiz I, Quiz II, Quiz III
CO2: fit the curve of best fit to a given set of data and interpolate the unknown value of the function	Lectures, Tutorials	Home assignments, Group assignments	Term Test I, II, Quiz I, Quiz II and assignment
CO3: solve the algebraic, transcendental equations and system of linear equations by iterative methods	Lectures, Tutorials	Home assignments, Group assignments	Term Test I, II, Quiz II
CO4: find the approximate numerical value of differentials and integrals	Lectures, Tutorials	Home assignments, Group assignments	Term Test II, III, Quiz IV
CO5: determine approximate solutions to ordinary differential equations	Lectures, Tutorials	Home assignments, Group assignments	Term Test III, Quiz V

Signature of Course Teacher: *B. Theresita Mary Shanthi*

Signature of HOD: *J. Keen. Periyar*



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DEPARTMENT OF COMPUTER SCIENCE

Constructive Alignment-Teaching Strategies, Learning Activities and Assessment Tools

UG Computer Science [EVEN SEMESTER (2019 – 2020)]

Course Code & Course Title: GLCS6E1 – COMPUTER NETWORKS

Semester: VI

Name of the Course Teacher: C.Devi Arockia Vanitha

Class: III B.Sc Computer Science

Course Outcomes On successful completion of the course, the learners should be able to	Teaching Methods	Learning Activities	Assessment Tools
CO1: describe the functions of each layer in TCP/IP model [k2]	<ul style="list-style-type: none">Lectures	<ul style="list-style-type: none">Mind Maps	<ul style="list-style-type: none">✓ Term Test I✓ Assignment✓ Online Quiz
CO2: explain the types of transmission media, connecting devices and routing methods [k2]	<ul style="list-style-type: none">Lectures	<ul style="list-style-type: none">Videos	<ul style="list-style-type: none">✓ Term Test I✓ Assignment
CO3: utilize checksum and cyclic redundancy check for error detection and MAC protocols for flow control [k3]	<ul style="list-style-type: none">LecturesProblem based learning	<ul style="list-style-type: none">Problem Solving	<ul style="list-style-type: none">✓ Term Test II✓ Assignment
CO4: classify the various media access protocols and transport layer protocols [k4]	<ul style="list-style-type: none">LecturesTutorials	<ul style="list-style-type: none">Interactive Quiz	<ul style="list-style-type: none">✓ Term Test II & III✓ Online Quiz
CO5: illustrate the architecture of standard client/server protocols [k2]	<ul style="list-style-type: none">LecturesDiscussions	<ul style="list-style-type: none">Group Discussion	<ul style="list-style-type: none">✓ Term Test III

Signature of Course Teacher:

Signature of HOD:



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DEPARTMENT OF COMPUTER APPLICATIONS

Constructive Alignment-Teaching Strategies, Learning Activities and Assessment Tools

UG - MCA [EVEN SEMESTER (2019 – 2020)]

Course Code & Course Title: GLCA44L – DTP Lab

Semester: IV

Name of the Course Teacher: Mrs.D.Ganga devi

Class:II BCA

Course Outcomes On successful completion of the course, the learners should be able to	Teaching Methods	Learning Activities	Assessment Tools
CO1: Implement various tools in photoshop.	Demonstration	Exercises, Illustration	Model practical exam
CO2: develop business cards, pamphlets using photoshop.	Demonstration	Exercises, Illustration	Day-to-day evaluation
CO3: create theme oriented animated story with effects using photoshop.	Demonstration, Skill development	Exercises, Illustration	Skill test
CO4: design articles, advertisements, vouchers using pagemaker.	Demonstration	Exercises, Illustration	Model practical exam, Day-to-day evaluation
CO5: manipulate objects and figures in coreldraw.	Demonstration	Exercises, Observation	Model practical exam


Signature of Course Teacher:


Signature of HOD:



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DEPARTMENT OF COMPUTER APPLICATION

Constructive Alignment-Teaching Strategies, Learning Activities and Assessment Tools

UG BCA [EVEN SEMESTER (2019 – 2020)]

Course Code & Course Title: GLCA6E1- OPERATIONS RESEARCH

Semester: VI

Name of the Course Teacher: S. DARLING SELVI

Class: III BCA

Course Outcomes On successful completion of the course, the learners should be able to	Teaching Methods	Learning Activities	Assessment Tools
CO1: formulate the decision making problems into mathematical models.	problem based learning	Illustration, Exercises	Term Test I, Assignment
CO2: describe the various methods and terminologies in solving decision making problems.	problem based learning	Illustration, Exercises	Term Test I, Assignment
CO3: solve linear programming problems using optimization techniques.	Lectures, problem based learning	Illustration, Exercises	Term Test I, Term Test II
CO4: determine optimal allocation of resources in Transportation and Assignment problems.	Lectures, problem based learning	Discussions, Illustration, Exercises	Term Test II, Term Test III
CO5: test for optimal outcome in Game Theory for strategic decision making.	Lectures, problem based learning	Discussions, Illustration, Exercises	Term Test III, Quiz,


Signature of Course Teacher:


Signature of HOD:



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DEPARTMENT OF BUSINESS ADMINISTRATION

Constructive Alignment-Teaching Strategies, Learning Activities and Assessment Tools

UG BBA [EVEN SEMESTER (2019 – 2020)]

Course Code & Course Title: GLBU22 – COST ACCOUNTING

Semester: II

Name of the Course Teacher: Dr.S.Grahalakshmi

Class: I BBA

Course Outcomes On successful completion of the course, the learners should be able to	Teaching Methods	Learning Activities	Assessment Tools
CO1: outline the concept of cost accounting, elements and ascertainment of cost	Lectures, Tutorials, Discussions and problem based learning	Exercises and Illustration	Term Test I, Term Test II, Quiz, Assignments
CO2: make use of the appropriate method of material issues and overhead distribution	Lectures, Tutorials, Discussions and problem based learning	Exercises and Illustration	Term Test II, Term Test III, Quiz
CO3: choose the suitable method of remuneration and stock level	Lectures, Tutorials, Discussions and problem based learning	Exercises and Illustration	Term Test I, Term Test II, Assignment
CO4: estimate the various costs for each process and construct a cost sheet	Lectures, Tutorials, Discussions and problem based learning	Exercises and Illustration	Term Test I, Term Test III, Quiz
CO5: evaluate the cost for machine hour, bonus and determine the product cost through process costing	Lectures, Tutorials, Discussions and problem based learning	Exercises and Illustration	Term Test II, Term Test II, Quiz, Assignment

S. Grahalakshmi
Signature of Course Teacher:

M. S. J.
Signature of HOD:



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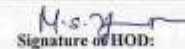
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DEPARTMENT OF BUSINESS ADMINISTRATION
Constructive Alignment-Teaching Strategies, Learning Activities and Assessment Tools
UG [EVEN SEMESTER (2019 – 2020)]

Course Code & Course Title: GLBU61 - Operations Research for Management
Name of the Course Teacher: M.S.Yasmeen Beevi

Semester: VI
Class: III BBA

Course Outcomes On successful completion of the course, the learners should be able to	Teaching Methods	Learning Activities	Assessment Tools
CO1: outline the concept and techniques of operation research	Lectures, Tutorials, Discussions and problem based learning.	Group Discussions and Interactive Quizzes	Term Test I, Term Test II, Term Test III
CO2: analyze the linear programming models for managerial decision making	Lectures, Tutorials, Discussions and problem based learning.	Group Discussions and Interactive Quizzes	Term Test I, Term Test II, Term Test III
CO3: apply the various methods of linear programming, transportation and assignment to find out the minimum and maximum cost	Lectures, Tutorials, Discussions and problem based learning.	Group Discussions and Interactive Quizzes	Term Test II, Term Test III, Quiz
CO4: determine the best strategy in competitive situation and estimate the completion time of a project	Lectures, Tutorials, Discussions and problem based learning.	Group Discussions and Interactive Quizzes	Term Test I, Term Test III, Quiz
CO5: formulate mathematical models and construct a network diagram in solving real world Problems	Lectures, Tutorials, Discussions and problem based learning.	Group Discussions and Interactive Quizzes	Term Test I, Term Test III, Quiz


Signature of Course Teacher:


Signature of HOD:



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DEPARTMENT OF COMMERCE(CA)-SF

Constructive Alignment-Teaching Strategies, Learning Activities and Assessment Tools

UG [EVEN SEMESTER (2019 – 2020)]

Course Code & Course Title:GLCM45 – Internet and WebTechnology

Semester: IV

Name of the Course Teacher:Dr.A.Josephine Stella , Mrs. S. Thirukai Padman

Class:II.B.Com(CA)-SF

Course Outcomes On successful completion of the course, the learners should be able to	Teaching Methods	Learning Activities	Assessment Tools
CO1: describe the basics of web designing using HTML	Lectures	Mind map on Networking and Communication, Network Topologies	Term Test-I Assignment on Importance of Networking and Communication
CO2: explain the various applications of internet technology	Lectures	Demo for creation of e-mail id and how to use search engine.	Term Test II & III Presentations ICT Methods
CO3: apply internet browsing and E-mail in practice	Lectures, Demonstration, Skill development	Video for components of HTML.	Term Test I & II Interactive Quizzes, discussions in Learning Management System, Assignment on tables, forms and frames
CO4: design web page/site by using various HTML elements and attributes	Lectures, Demonstration, Skill development	Demo on java script objects.	Term Test II Assignment on operators, date objects
CO5: build dynamic web pages using scripting languages	Lectures, Demonstration, Skill development	ICT Methods for procedures and Cookies	Term Test III Assignment on procedures and cookies

Signature of Course Teacher: A. Josephine Stella
10/12/2020 S. Thirukai Padman

Signature of HOD: J. Prasad



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DEPARTMENT OF COMMERCE

Constructive Alignment-Teaching Strategies, Learning Activities and Assessment Tools

UG -COMMERCE [EVEN SEMESTER (2019 – 2020)]

Course Code & Course Title: GLCM61 – MANAGEMENT ACCOUNTING

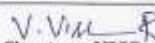
Semester: VI

Name of the Course Teacher:Dr. V. VISHNU PRIYA

Class: II B.COM(GEN)SF

Course Outcomes On successful completion of the course, the learners should be able to	Teaching Methods	Learning Activities	Assessment Tools
CO1:explain the basic concepts of management accounting	Lectures, Tutorials, Discussions,	Group Discussions, Videos/Films, Field Trips	Term Test I, Term Test II, Assignment
CO2: apply the financial performance measurement tools to analyze financial statements	Discussions, problem based learning	ICT Methods, Interactive Quizzes	Term Test II, Quiz
CO3: examine the liquidity and profitability positions of business using ratios	Lectures, Tutorials, Discussions, problem based learning	Construction of exhibits and displays	Term Test II, Term Test III,Assignment
CO4: utilize marginal costing techniques for price fixation and profit planning	Lectures, Tutorials, Discussions, problem based learning,	Group Discussions, Videos/Films, Field Trips	Term Test II, Term Test III, Quiz
CO5: compute variances for enhancing cost effectiveness	Discussions, problem based learning	ICT Methods, Interactive Quizzes	Term Test II, Assignment


Signature of Course Teacher


Signature of HOD



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DEPARTMENT OF MICROBIOLOGY

Constructive Alignment-Teaching Strategies, Learning Activities and Assessment Tools

B.Sc. Microbiology [EVEN SEMESTER (2019 – 2020)]

Course Code & Course Title: GLMB62 & MICROBIAL BIOTECHNOLOGY

Name of the Course Teacher: Dr. S. Radha

Semester: VI

Class: III B.Sc.

Course Outcomes On successful completion of the course, the learners should be able to	Teaching Methods	Learning Activities	Assessment Tools
CO1: list the scope of microbial biotechnology, various bioreactor design, production and applications of microbial products in various fields.	Lectures, Discussions	Group Discussions, Videos, Interactive Quizzes, Mind maps	Term Test I, Quiz, Assignment
CO2: make use of various strategies to enhance microbial production.	Lectures, Discussions	Group Discussions, Videos, Interactive Quizzes, Mind maps	Term Test II, Quiz, Assignment
CO3: discover novel method for obtaining desired industrial products.	Lectures, Discussions	Group Discussions, Videos, Interactive Quizzes, Mind maps	Term Test II, Quiz, Assignment
CO4: judge the release of GMO based on ethical principle.	Lectures, Discussions	Group Discussions, Interactive Quizzes, Mind maps	Term Test III, Quiz, Assignment
CO5: compile application of nanobiology in various fields.	Lectures, Discussions, problem based learning	Group Discussions, Videos, Interactive Quizzes, Mind maps	Term Test III, Quiz, Assignment

Signature of Course Teacher: *S. Radha*

Signature of HOD: *S.S. Ravi*



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DEPARTMENT OF MICROBIOLOGY

Constructive Alignment-Teaching Strategies, Learning Activities and Assessment Tools

UG Microbiology [EVEN SEMESTER (2019 – 2020)]

Course Code & Course Title: GLMB4A -BIOINFORMATICS
Name of the Course Teacher: Mrs. M. MANONMANI

Semester: II
Class: II UG MICROBIOLOGY

Course Outcomes On successful completion of the course, the learners should be able to	Teaching Methods	Learning Activities	Assessment Tools
CO1: explain the basic principles that underpin bioinformatics analyses.	Lectures	Interactive Quizzes	Term Test I , Assignment
CO2: compute biological data using a variety of bioinformatics tools.	Lectures	Group Discussions	Term Test II , Assignment
CO3: analyse protein and nucleotide database and coherently report the findings.	Lectures	Interactive Quizzes	Term Test II , Assignment
CO4: interpret output of software tool for considerable predictions.	Lectures	Group Discussions	Term Test III , Assignment
CO5: make use of data visualization software.	Lectures	Group Discussions	Term Test III , Assignment

Signature of Course Teacher: *M. Manonmani*

Signature of HOD: *S.S. Perumal*