

A.G & S.G SIDDHARTHA DEGREE COLLEGE OF ARTS AND SCIENCE, VUYYURU

(An Autonomous College in the Jurisdiction of Krishna University, Machilipatnam.)

Accredited with “A” Grade by NAAC, Bengaluru

Academic Year: 2020-21

THE DEPARTMENT OF ENGLISH

GENERAL ENGLISH – Three Semesters – I,II & III (For all the Groups)

CERTIFICATE COURSE IN COMPETITIVE ENGLISH – IV SEMESTER
(Elective Paper for all the Groups)

AN ADD-ON COURSE IN COMMUNICATIVE ENGLISH – II SEMESTER
(Compulsory Paper for all the Groups)

SEMESTER	PAPER CODE	SUBJECT/ TITLE OF THE PAPER
SEMESTER I	ENG 101C	A Course in Communication and Soft Skills
SEMESTER II	ENG 201C	A COURSE IN READING & WRITING SKILLS
	JR201	JOURNALISTIC REPORTING
	BC201	BUSINESS COMMUNICATION
SEMESTER III	ENG 301C	A Course in Conversational Skills

SEMESTER I

ENG 101C – A Course in Communication and Soft Skills

ENGLISH PRAXIS COURSE-I A COURSE IN COMMUNICATION AND SOFT SKILLS

Course Code	ENGT11B	Course Delivery Method	Class Room/ Blended Mode - Both
Credits	03	CIA Marks	30
No.of Lecture Hours / Week	4	Semester End Exam Marks	70
Total No.of Lecture Hours	60	Total Marks	100
Year of Introduction:2020-21	Year of Offering: 2020-21	Year of Revision: -----	Percentage of Revision: 0%
CLASS:	I YEAR DEGREE (ALL COURSES)		

Course objective:

The aim of this course is to improve the speaking skills of the learners in regard to the sound- spelling relationship of the language appears anarchic and to introduce the basic Grammar and Vocabulary as well as reading skills. Another problem that many Indian languages face is English Word Accent.

On successful completion of the paper, the students are introduced to communicative skills, to define, classify, and understand the methods of communication, to improve their LSRW skills, to enable them to practice those skills in their daily life by identifying instances of communication in the circumstances of their own.

Programme Specific Outcomes

On successful completion of the paper, the students are able to

- Understand and follow talks in English on general topics within the prescribed vocabulary and sentence structures.
- Talk freely within the range of language items and express suitably.

- Read books and similar other material written in English as per the structures and vocabulary, and to follow books with detailed notes. This material should be within their group.
- Write correctly in English on familiar topics fit to be expressed within the range of the prescribed vocabulary and sentence structures.
- Write creatively and independently on general topics.
- Create wider reading interest.
- Speak in a given situation (production skill) (fluency & accuracy in speaking & writing)
- Develop study skill / reference skill.
- Achieve greater proficiency.

Course Outcomes:

By the end of the semester, the students can acquire linguistic competence to be able to compete with the globalised world and become successful in all the challenges that they face. On successful completion of the paper, the students are introduced to communicative skills, to define, classify, and understand the methods of communication, to improve their LSRW skills, to enable them to practice those skills in their daily life by identifying instances of communication in the circumstances of their own.

- Introduced the students to the speech sounds of English in order to enable them to listen to English and speak with global intelligibility
- Enabled the students to speak English confidently and effectively in a wide variety of situations.
- Helped the students to improve their writing efficiency by refining their writing strategies.

Learning Outcomes

By the end of the course the learner will be able to :

- Use grammar effectively in writing and speaking.
- Demonstrate the use of good vocabulary
- Demonstrate an understating of writing skills
- Acquire ability to use Soft Skills in professional and daily life.
- Confidently use the tools of communication skills

English Syllabus-Semester-II

Course Code	ENG201	Course Delivery Method	Class Room/ Blended Mode - Both
Credits	03	CIA Marks	30

No.of Lecture Hours / Week	4	Semester End Exam Marks	70
Total No.of Lecture Hours	60	Total Marks	100
Year of Introduction:2020-21	Year of Offering: 2020-21	Year of Revision: -----	Percentage of Revision: 0%
CLASS:	II YEAR DEGREE (ALL COURSES)		

English Praxis Course-II
A Course in Reading & Writing Skills

OBJECTIVE:

The objectives of the Syllabus are to enrich students' reading, writing and learning abilities so they can pursue their personal, academic and career goals through the acquisition and improvement of English Language skills. This course is designed in a manner suitable for the student to use personal and cultural knowledge to interpret the information presented in the text and 'create' meaning. To enable the students to develop communication skills of reading, writing, listening and speaking.

1. Grasping the meaning of words and phrases in context.
2. Distinguishing statement of facts from beliefs, hypothesis from expressions of probabilities, uncertainties etc.
3. Understanding the logical relationship between statements
4. Inferring from information in a passage – causes, reasons, general results, conclusions, opinions, specific instances and general statements.
5. Scanning to locate specific details; Skimming the passage to identify general ideas and information.
6. Understanding the meaning of poems.

Course Learning Outcomes

By the end of the course the learner will be able to:

- CO 1:** Use reading skills effectively and comprehend /Interpret different texts.
CO 2: Analyze what is being read and use good writing strategies.
CO 3: Build up a repository of active vocabulary and apply it to everyday situations.
CO 4: Improve writing skills independently for future needs and purposes.

SKILL DEVELOPMENT COURSE
Arts Stream (II SEMESTER)
Title: JOURNALISTIC REPORTING
Total 30 hrs (02 h/wk, 02 Cr & Max 50 Marks)
SYLLABUS
B.A., B. Com & B. Sc Programmes
Revised CBCS w.e.f 2020-21

Course Outcomes:

After successful completion of this course, the student will be able to:

- 1. Understand the evolution of journalism with a focus on its development in India.*
- 2. Comprehend the role of Press in the Indian democracy and various reporting methods.*
- 3. Realise the ethical aspects of Journalism in India*
- 4. Develop basic writing skills for news papers, Radio and Television.*

SKILL DEVELOPMENT COURSE

Commerce Stream (II Semester)

Revised CBCS w.e.f 2020-21

Title: BUSINESS COMMUNICATION

Total 30 hrs (02hrs/wk), 02 Credits, Max 50 marks

Learning Outcomes:

After successful completion of this course, students will be able to;

- 1. Understand the types of business communication and correspondence*
- 2. Comprehend the processes like receiving, filing and replying*
- 3. Acquire knowledge in preparing good business communications*

Acquaint with organizational communication requirements and presentations.

Semester – III (CBCS)

ENGLISH PRAXIS COURSE-III

A COURSE IN CONVERSATIONAL SKILLS

Course Code	ENG301	Course Delivery Method	Class Room/ Blended Mode - Both
Credits	03	CIA Marks	30
No.of Lecture Hours / Week	4	Semester End Exam Marks	70
Total No.of Lecture Hours	60	Total Marks	100
Year of Introduction:2020-21	Year of Offering: 2021-22	Year of Revision: -----	Percentage of Revision: 0%
CLASS:	II YEAR DEGREE (ALL COURSES)		

COURSE OBJECTIVE:

The objectives of the Syllabus are to enrich students' reading, writing, and learning abilities so they can pursue their personal, academic and career goals through the acquisition and improvement of English Language skills. This course is designed in a manner suitable for the student to use personal and cultural knowledge to interpret the information presented in the text and 'create' meaning. The aim of this course is also to improve the speaking skills of the learners in regard to the sound- spelling relationship of the language appears anarchic.

COURSE OUTCOMES:

Being able to converse in a language in all situations is mastering it. Praxis III made efforts to help the students in helping this skill through speeches, autobiography and interviews of some world-famous personalities. The wonderful interviews chosen for Praxis-III, is a clear indication that at the end of the course, the student would be able to converse confidently, ask or answer in English language. The Units conclude with a series of exercises to hone language skills and will assist students in the curricular goal of self - learning.

- Students will become accomplished, active readers who appreciate ambiguity and complexity.
- Students will be able to write effectively for a variety of professional and social settings. They will practice writing as a process of motivated inquiry, engaging other writers' ideas as they explore and develop their own.
- To enhance the confidence levels by acquiring knowledge of Role-plays, Debates and Descriptions.
- Enhancing basic skills to become a good communicator.
- To help students discover their latent leadership qualities and their social role of involvement.

Learning Outcomes

By the end of the course the learner will be able to :

- Speak fluently in English
- Participate confidently in any social interaction
- Face any professional discourse
- Demonstrate critical thinking
- Enhance conversational skills by observing the professional interviews

DEPARTMENT OF HINDI

Course outcomes

1 semester course outcomes

गद्य संदेश

- 1.साहित्य की महत्ता –इस निबंध के द्वारा साहित्य की महत्व के बारे में मालूम होता है ।
2. सच्ची वीरता- इस निबंध के द्वारा सच्चे वीर का स्वभाव के बारे में और सच्चे वीरों महत्व के बारे में मालूम होता है ।
- 3.मित्रता-इस निबंध पाठ के द्वारा सच्चे मित्रों से लाभ और बुरे मित्रों से होने वाले हानियों के बारे में मालूम होता है। मित्रता के महत्व के बारे में भी पता चलता है ।

कथा लोक

- 1.मुक्तिधन –इस कहानी के द्वारा गरीब किसानों की जीवन में रहने वाले समस्याओं के बारे में मालूम होता के बारे में मालूम होता है।
- 2.गूदड़ साई –भगवान सर्वांतर्यामी है और छोटे बच्चों में भगवान को देखना चाहिए आदि के बारे में मालूम होता है ।
- 3.उसने कहा था – इस कहानी के द्वारा देशभक्ति और प्रेम के महत्व के बारे में मालूम होता है।

2 semester course outcomes

गद्य संदेश

- 1.संस्कृति और साहित्य का परस्पर संबंध- इस निबंध के द्वारा भारत देश के संस्कृति और साहित्य की महत्व के बारे में मालूम होता है ।
- 2.भारत एक है- इस निबंध के द्वारा भारत देश के धर्म, संस्कृति, सभ्यता और जीवन शैली के बारे में मालूम होता है ।
- 3.एच.आई. वी (एड्स)- इस निबंध के द्वारा एच.आई.वी(एड्स) भारत में कैसा फैला है और उस बीमारी के लक्षण और कैसे संक्रमण और निवारण मार्ग आदि के बारे में मालूम होता है ।

कथालोक

- 1.जरिया- इस कहानी के द्वारा समाज में नारी का स्थान और समाज से जुड़ी समस्याओं के बारे में मालूम होता है ।
- 2.भूख हड़ताल-लकडहारों के जीवन में रहने वाली भूख की समस्या और उस भूख समस्या परिष्कार आदि के बारे में मालूम होता है ।
- 3.परमात्मा का कुत्ता-इस कहानी के द्वारा सरकारी कार्यालयों में होने वाले भ्रष्टाचारों के बारे में मालूम होता है ।

3 semester course outcomes

प्राचीन कविता

- 1.साखी- इस कविता के द्वारा कबीरदास का जीवन परिचय और उनके समाज सुधारक दोहों का महत्व के बारे में मालूम होता है ।
- 2.बाल वर्णन- इस कविता के द्वारा कृष्ण भक्त कवि सूरदास का जीवन परिचय और बाल कृष्ण की सुंदरता के बारे में मालूम होता है ।

आधुनिक कविता

- 1.मातृभूमि –इस कविता के द्वारा मातृभूमि से होने वाली लाभ और मातृभूमि के महत्व बारे में मालूम होता है ।
- 2.मातृभाषा के प्रति –इस कविता के द्वारा मातृभाषा सीखने आवश्यकता और मातृभाषा से रहने वाले लाभों के बारे में मालूम होता है ।
- 3.तोडती पत्थर –इस कविता में प्रकृति के चित्रण के द्वारा श्रमिकों की जीवन में रहने वाले समस्याओं के बारे में मालूम होता है ।

हिन्दी साहित्य का इतिहास

- 1.ज्ञानाश्रयी शाखा –इस शाखा के कवियों के बारे में और उनके रचनाओं के बारे और उनकी भक्ति के बारे में और ज्ञानाश्रयी शाखा में कबीरदास का स्थान के बारे में मालूम होता है ।
- 2.प्रेमाश्रयी शाखा –इस शाखा के कवियों के बारे में और उनके रचनाओं के बारे और उनकी भक्ति के बारे में और प्रेमाश्रयी शाखा में जायसी के स्थान के बारे में मालूम होता है ।

Program out comes

- 1.हिन्दी भाषा सीखने के द्वारा भारत में हर राज्य जाकर अपने भावना को आसानी से समझा सकते है ।

2. MA हिन्दी और B.Ed. पढ़ने के द्वारा सरकारी स्कूलों और कॉलेजों में नौकरी कर सकते हैं ।
3. हिन्दी translation course करने के द्वारा सरकारी कार्यालयों में अनुवादक का काम कर सकते हैं ।
4. MA Hindi करने के बाद बैंकों में राजभाषा अधिकारी हो सकते हैं
5. हिन्दी पढ़ने के द्वारा समाचार पत्रों में रिपोटर भी हो सकते हैं ।



**A.G & S.G.SIDDHARTHA DEGREE COLLEGE OF
ARTS & SCIENCE**

Vuyyuru-521165.

NAAC reaccredited at 'A' level
Autonomous -ISO 9001 – 2015 Certified

Department of Telugu

Title of the Paper: Telugu

Semester:

I

I B.A, B.Com,B.Sc.

Course Code	TELTIIA	Course Delivery Method	Class Room / Blended Mode - Both
Credits	4	CIA Marks	25
No. of Lecture Hours / Week	4	Semester End Exam Marks	75
Total Number of Lecture Hours	60	Total Marks	100
Year of Introduction :2020-21	Year of Offering: 2021 - 22	Year of Revision: --- 2021-22	Percentage of Revision: 10%

కోర్స్ అవుట్ కమ్స్:

ఈ కోర్సు విజయవంతంగా ముగించాక, విద్యార్థులు క్రింది అభ్యసన ఫలితాలను పొందగలరు.

1. ప్రాచీన తెలుగు సాహిత్యం యొక్క ప్రాచీనతను, విశిష్టతను గుర్తిస్తారు. తెలుగు సాహిత్యంలో ఆదిరవి పుస్తకం తాలంనాటి భాషా సంస్కృతులను, ఇతిహాసకాలం నాటి రాజనీతి విషయాలపట్ల పరిజ్ఞానాన్ని పొందగలరు.
2. శివకవుల కాలంనాటి మత పరిస్థితులను, భాషా విశేషాలను గ్రహిస్తారు. తెలుగు సుడితారం, సామెతలు, లోకోత్కలు మొదలైన భాషాంశాల పట్ల పరిజ్ఞానాన్ని పొందగలరు.
3. తిక్కన భారతంనాటి మత, ధార్మిక పరిస్థితులను, తిక్కన కవితా శిల్పాన్ని, నాటకీయతను అవగాహన చేసుకోగలరు.
4. పోతన అద్భుత కథాకథన శిల్పం, సజీవపాత్ర చిత్రణ, శబ్దాలంకారాల ప్రయోగం మొదలగు విభిన్న రీతుల పట్ల అభిరుచిని పొందగలరు. మొల్ల కవిత్వంలోని వీనుల విందైన పదాలు, పాత్రల మనోభావాల చిత్రణ గుర్తించగలరు.
5. తెలుగు పద్యం స్వరూప-స్వభావాలను, సాహిత్యాభిరుచిని పెంపొందించుకుంటారు. ప్రాచీన కావ్యభాషలోని వ్యాకరణాంశాలను అధ్యయనం చేయడం ద్వారా భాషా సామర్థ్యాన్ని, రచనలో మెలకువలను గ్రహించగలరు.

లెర్నింగ్ ఆబ్జెక్టివ్స్:

1. తెలుగు భాషాసాహిత్యాల పట్ల ప్రీతి, మమకార, ప్రాచీన కాలంలోని రాజనీతి పట్ల అవగాహన కల్గుతుంది.
2. ప్రాచీన కాలం నాటి చరిత్ర, సంస్కృతి ఆచార సంప్రదాయాల పట్ల ఆసక్తి కల్గుతుంది.
3. అలనాటి ధర్మ, మత పరిస్థితులు, నైతిక విలువల పట్ల అవగాహన ఏర్పడుతుంది.
4. పూర్వ కవుల సజీవ పాత్రల సృష్టి, వివిధ శబ్ద ప్రయోగాల పట్ల అభిరుచి కల్గుతుంది.
5. కావ్య భాషలోని భాషా పరిజ్ఞానం, వ్యాకరణాంశాలు, వివిధ రచనలలోని మెలకువలను తెలుసుకుంటారు.

TELUGU

TELEUA

2020-'21

I B.A., I B.Com., IB.Sc.

TELUGU-I

యూనిట్ - I

రామచరిత

- సవ్యయ

మహాభారతము - సభాపర్వము - ప్రథమాశ్వాసంలో 24వ పద్యము "ఓవంశమున.... నీవు వారివైన నేర్పెతింగి" నుండి 77వ పద్యము "నాయుభాగిణి వాని సుసంస్థితం క్రియముతోడ" వరకు.

యూనిట్ - II

దక్షయజ్ఞం

- సన్నెదోడుడు

కుమార సంభవం - ద్వితీయాశ్వాసంలో 49వ వచనం "అంతకమున్ను... భయంకరా కారంబుదాల్చిన" నుండి 84వ పద్యం "ప్రమథగణము... కనిరిశంభం" వరకు.

యూనిట్ - III

ధౌమ్యధర్మోపదేశము

- తిక్కన

మహాభారతము - విరాటపర్వము - ప్రథమాశ్వాసంలో 116వ పద్యం "ఎఱిగెడు వారికినైనను.... వలయు దగియెడు బుద్ధుల్" నుండి 146వ పద్యం "అతడు నియతితోడ సంవయములు దగ జపించుచుండె" వరకు.

యూనిట్ - IV

మధుర స్నేహం

- పోతన

అంగ్రమహాభాగవతము - దశమస్కంధము - కుబోలోపాఖ్యాసంలో 962వ పద్యం "లలిత పతివ్రతాలకంబు... కుపాయమాహింప వైతి" నుండి 983వ పద్యం "తన మృదుతల్పమందు... ధరణీసురు డెంతటి భాగ్యవంతుడో" వరకు.

యూనిట్ - V

సీతారావణ సంవాదం

- మొల్ల

రామాయణము - సుందరకాండములో 40వ వచనం "అరామంబాచి.... వృక్షం బారోహించి యందు" నుండి 87వ పద్యం "తావున నిర్మోమలియెడ.... మనకు దిక్కన మీదన" వరకు.

వ్యాకరణము:

1. సంధులు:- సవర్ణ, గుణ, యణాదేశ, వృద్ధి, అకార, ఇకార, ఉకార, త్రిక సంధులు.
2. సమాసములు:- తత్పరంప, కర్మధారయ, ద్వంద్వ, ద్విగు, బహువ్రీహి సమాసములు.
3. ఛందస్సు:- వృత్తి పద్యాల్లో ఉత్పలమాల, స్తువకమాల, శార్దూలము, మత్తేభము, జాతులు, ఉపజాతుల్లో కందము, తేటగీతి, అటవెలది మరియు ముత్తాలసరాలు.
4. అలంకారములు:- కల్పలంకారాల్లో అనుప్రాసానైన వృత్త్యనుప్రాస, ఛేదానుప్రాస, లాటానుప్రాస, అంత్యానుప్రాసములు. అర్థాలంకారాల్లో ఉపమ, ఉత్కృష్ట, రూపక, శ్లేషలు.

అధార గ్రంథాలు:

1. శ్రీమదాంధ్ర మహాభారతము - సభాపర్వము - తిరుమల తిరువతి దేవస్థానం ప్రచురణ
2. శ్రీమదాంధ్ర మహాభారతము - విరాటపర్వము - తిరుమల తిరువతి దేవస్థానం ప్రచురణ
3. కుమార సంభవం - సన్నెదోడుడు
4. శ్రీ మహాభాగవతము - పోతన
5. రామాయణము - మొల్ల

TELUGU	TELFHA	2020-'21	B.A., B.Com., B.Sc.
--------	--------	----------	---------------------

ప్రశ్నపత్ర నిర్మాణ సూచిక:

TELUGU-I

1. ప్రతిపదార్థ పద్యాలు :	2-1	1×7=7మా,	2. సందర్భ సహిత వ్యాఖ్యలు:	5-3	3×4=12మా
3. సంగ్రహరూప ప్రశ్నలు :	5-3	3×4=12మా,	4. వ్యాసరూప ప్రశ్నలు :	5-3	3×8=24మా
5. సంధులు :	5-3	3×2=6మా,	6. సమాసములు :	5-3	3×2=6మా
7. ఛందస్సు :	2-1	1×4=4మా,	8. అలంకారములు :	2-1	1×4=4మా
					మొత్తం = 75మా

గమనికలు / నూచనలు:

- ప్రతిపదార్థ పద్యాలు:- "రాజనీతి, ధౌమ్యధర్మోపదేశం, మధురస్నేహం" అనే మూడు పాఠాల నుండి రెండు పద్యాలు ఇవ్వాలి. అవి కూడ ఈ క్రింది పద్యాలలో నుండి రెండు ఇవ్వాలి-
రాజనీతి:
1. ఉత్తమ మధ్యమాధమ కాలము దప్పకుండగన్
2. బహుధనధాన్య సంగ్రహము భవత్పరి రక్షణములైన దుర్గముల్
ధౌమ్యధర్మోపదేశము:
3. రాజ గృహంబు కంటె దగదట్లు సేయగన్
4. ధరణీపు చక్ర నుండుటనీతి కొల్పనన్
మధురస్నేహం:
5. కలలో నందను సంపద్విశేషోన్నతుల్.
6. కనిదాయం జనునంత విలోలుండై దిగెన్ దల్పమున్.
2. సందర్భసహిత వ్యాఖ్యలు:- "రాజనీతి, దక్షయజ్ఞం, ధౌమ్యధర్మోపదేశము, మధురస్నేహం, సీతారావణ సంవాదం" అనే ఐదు పాఠాలనుండి ఒకొక్కటి చొప్పున ఒక్కో పాఠం నుండి ఒక సందర్భసహిత వ్యాఖ్య ఇవ్వాలి.
3. సంగ్రహరూప ప్రశ్నలు:- "రాజనీతి, దక్షయజ్ఞం, ధౌమ్యధర్మోపదేశము, మధురస్నేహం, సీతారావణసంవాదం" అనే ఐదు పాఠాల నుండి ఒకొక్కటి చొప్పున ఒక్కో పాఠం నుండి సంగ్రహరూప ప్రశ్న ఇవ్వాలి.
4. వ్యాసరూప ప్రశ్నలు:- "రాజనీతి, దక్షయజ్ఞం, ధౌమ్యధర్మోపదేశము, మధురస్నేహం, సీతారావణసంవాదం" అనే ఐదు పాఠాల నుండి ఒకొక్కటి చొప్పున ఒక్కో పాఠం నుండి వ్యాసరూప ప్రశ్న ఇవ్వాలి.
5. సంధులు:- "సవర్ణ, గుణ, యజాదేశ, వృద్ధి, అకార, ఇకార, ఉకార, త్రిక సంధు"ల నుండి ఐదు సంధులు ఇవ్వాలి.
6. సమాసములు:- "తత్పురుష, కర్మధారయ, ద్వంద్వ, ద్విగు, బహువ్రీహి సమాసముల" నుండి ఐదు సమాసములు ఇవ్వాలి.
7. ఛందస్సు:- పుత్రపద్యాలైన "ఉత్పలమాల, చంపకమాల, శార్దూలము, మత్తేభము"ల నుండి ఒక పద్యపాదమును ఇవ్వాలి. జాతులు, ఉపజాతుల పద్యాలైన "కందము, తేటగీతి, ఆటవెలది" మరియు 'ముత్యాలనరాలు' నుండి ఏదైన మూడిచ్చి ఒకదానిని లక్ష్యలక్షణ సమన్వయం చేయమనాలి.
8. అలంకారములు:- అర్థాలంకారాలైన "ఉపమ, ఉత్పేక్ష, రూపకము, శ్లేష"ల నుండి ఒక అలంకారము ఇవ్వాలి. అది కూడ ఐదు పాఠాల (రాజనీతి, దక్షయజ్ఞం, ధౌమ్యధర్మోపదేశము, మధురస్నేహం, సీతారావణసంవాదం) నుండి ఒక పద్యాన్ని ఇవ్వాలి- శబ్దాలంకారాల నుండి "పుత్రసుప్రాస, భేదానుప్రాస, లాటానుప్రాస, అంత్యానుప్రాసా"ల నుండి రెండు అలంకారములు ఇచ్చి, ఒక అలంకారము వ్రాయమనాలి.

ఒక సమానా ప్రశ్నపత్రాన్ని పరిశీలించి తరువాత ప్రశ్నపత్రాన్ని తయారు చేసుకోవాలి.

నమూనా ప్రశ్నపత్రం

Course Code: TEL T11A (Telugu-I)

Max. Marks: 75M

Time: 3 Hrs.

Pass Min. : 30M

I. క్రింది వానిలో ఒకదానికి ప్రతి పదార్థ తాత్పర్యమును వ్రాయండి: 7మా

1. బహుధనధాన్య సంగ్రహము బాణశరాసన యోధవీర సం గ్రహము నిరంతరాంతరుదకంబులు ఘాసరసేందనౌఘ సం గ్రహము ననేక యంత్రములు గల్గియ సాధ్యములై ద్విషద్భయ వహు లగుచుండ నొప్పునె భవత్పరి రక్ష్యములైన దుర్గముల్. లేదా
2. కలలోనందను మున్నెఱుంగని మహా కష్టాత్తుడై నట్టి దు ర్వులు దౌపత్తమయంబునన్ నిజ పదాభాతంబులు ల్లంబులోన్ దలపన్నంతనె మెచ్చి యార్చి హరుడై తన్నైన నిచ్చున్ సు ని శ్చల భక్తిన్ భజియించువారి కిదడే సంపద్విశేషోన్నతుల్.

II. క్రింది వానిలో మూడింటికి సందర్భసహిత వ్యాఖ్యలు వ్రాయండి: 3 x 4 = 12మా

1. వార్త నిర్వహింపవలయు బతికి.
2. నన్ను బనుపు దక్షు బట్టి తెచ్చెదన్.
3. పురుషార్థంబునకు హాని పుట్టక యున్నే?
4. గోవింద దర్శనోత్సాహి యగుచు.
5. ఉండు దీది న్యాయమె లకాంగీ !

III. క్రింది వానిలో మూడింటికి సంగ్రహరూప సమాధానాలు వ్రాయండి: 3 x 4 = 12మా

1. రాజు చేయకూడని పనుల్ని తెల్పండి?
2. ప్రమథులు దక్షుని బంధించిన తీరును తెల్పండి?
3. ధౌమ్యుని ఉపదేశానంతరం ఏమి జరిగింది?
4. అంతఃపురకాంతలు కుచేలుని గూర్చి భావించిన విషయాల్ని తెల్పండి?
5. త్రిజట తన స్వప్నాన్ని ఏమని వివరించెను?

IV. క్రింది వానిలో మూడింటికి వ్యాసరూప సమాధానాలు వ్రాయండి: 3 x 8 = 24మా

1. ప్రజాపాలనలో రాజులు పాటించాల్సిన ధర్మాలేవి?
2. 'దక్షయజ్ఞం' సారాంశాన్ని వ్రాయండి.
3. ధౌమ్యుడు పాండవులకు చేసిన ధర్మోపదేశాన్ని వివరించండి.
4. 'మధురస్నేహం' పాఠ్య సారాంశాన్ని తెల్పండి?
5. సీతారావణ సంవాదాన్ని వివరించండి.

Contd...(2)

V. క్రింది వానిలో మూడింటిని విడదీసి, సంధి కార్యము వ్రాయండి: $3 \times 2 = 6$ మా

1. శలైకవృద్ధి
2. జగమెల్ల
3. మనుజేంద్రుడు
4. కష్టాత్ముడు
5. ఇక్కోసులి

VI. క్రింది వానిలో మూడింటికి విగ్రహ వాక్యాలు వ్రాసి, సమాస నామములు తెల్పండి: $3 \times 2 = 6$ మా

1. అష్టాంగాలు
2. అశ్రమము
3. భీమార్జునులు
4. మధురస్నేహం
5. తోయజాక్షి

VII. క్రింది పద్య పాదాన్ని గణ విభజన చేసి, యతిని గుర్తించి, ఏ పద్యపాదమో తెల్పండి: $1 \times 4 = 4$ మా
తన మృదుతల్పమందు వనితామణియైన రమాలలామ పొం

లేదా

క్రింది వానిలో ఒకదానిని లక్ష్య, లక్షణ సమన్వయం చేయండి.

1. తేటగీతి
2. ముత్యాలసరాలు
3. ఆటవెలది

VIII. క్రింది పద్యంలోని అలంకారమును గుర్తించి, లక్ష్య లక్షణ సమన్వయం చేయండి: $1 \times 4 = 4$ మా

బాల సఖుడైన యప్పుడ్య పత్రనేత్రు

గాన నేగి దరిద్రాంధకార మగ్ను

లయిన మము సుధరింపుము హరి కృపాక

టాక్ష రవిదీప్తి వడసి మహాత్మ! నీవు.

లేదా

క్రింది వానిలో ఒకదానిని లక్ష్య, లక్షణ సమన్వయం చేయండి.

1. వృత్తాను ప్రాసము
2. లాటానుప్రాసము



**A.G & S.G.SIDDHARTHA DEGREE COLLEGE OF
ARTS & SCIENCE**

Vuyyuru-521165.

NAAC reaccredited at 'A' level
Autonomous -ISO 9001 – 2015 Certified

Department of Telugu

Title of the Paper: General Telugu

Semester: III I I B.A, B.Com., B.Sc.

Course Code	TEL301	Course Delivery Method	Class Room / Blended Mode - Both
Credits	4	CIA Marks	30
No. of Lecture Hours / Week	4	Semester End Exam Marks	70
Total Number of Lecture Hours	60	Total Marks	100
Year of Introduction :2020-21	Year of Offering: 2021 - 22	Year of Revision: --- 2021-22	Percentage of Revision: 0%

యూనిట్ సంఖ్య: 5

కోర్స్ అవుట్ కమ్స్:

ఈ కోర్సు విజయవంతంగా ముగించాక, విద్యార్థులు క్రింది అభ్యసన ఫలితాలను పొందగలరు.

1. తెలుగు సాహిత్య అభ్యసనం ద్వారా నేర్చుకున్న నైపుణ్యాలను, సృజనాత్మక నైపుణ్యాలుగా మార్చుకోగలరు.
2. విద్యార్థులు భాషాతత్వాన్ని, అవశ్యకతను, ప్రాధాన్యాన్ని గుర్తిస్తారు.
3. భాషా నైపుణ్యాలను అలవర్చుకోవడం, వినియోగించడం నేర్చుకుంటారు.
4. ప్రాచీన పద్య రచనతోపాటు ఆధునిక కవిత, కథ, వ్యాసం మొదలైన సాహిత్య ప్రక్రియల పట్ల అవగాహన పొందుతారు.
5. సృజన రంగం, ప్రసార మాధ్యమాలు, అనువాద రంగాల పట్ల విద్యార్థులకు అవగాహన కల్గుతుంది.

లెర్నింగ్ అబ్జెక్టివ్స్:

1. సృజనాత్మక నైపుణ్యాల పట్ల విద్యార్థులకు ఆసక్తి కల్గుతుంది.
2. మనిషి వ్యక్తిగత జీవనానికి, సామాజిక వ్యవస్థ పటిష్ఠతకు భాష ప్రధానమని, భాషలోని కీలకాంశాలు వర్ణం, పదం, వాక్యాల ప్రాధాన్యాన్ని గుర్తించడంతోపాటు వాగ్రూప, లిఖితరూప వ్యక్తీకరణలో భాషా నైపుణ్యాలను మెరుగుపర్చుకుంటారు.
3. రచనా శైలి, భాషణా నైపుణ్యాలను సృజనాత్మక రూపంలో వ్యక్తీకరించడం తెలుసుకుంటారు.
4. పద్య రచనతోపాటు, ఆధునిక కవిత, కథ, వ్యాసం మున్నగు సాహిత్య ప్రక్రియల నిర్మాణాలకు సంబంధించిన సిద్ధాంత విషయాల్ని, రచనా నైపుణ్యాల్ని తెలుసుకోవడం జరుగుతుంది.
5. సృజన, ప్రసారమాధ్యమ, అనువాద రంగాల్లో నైపుణ్యం పొందడంతోపాటు ఉపాధి అవకాశాల్ని పొందుతారు.

SEMESTER-III

General

TELUGU

పాఠ్య ప్రణాళిక

యూనిట్-I

వ్యక్తికరణ నైపుణ్యాలు

1. భాష-ప్రాథమికాంశాలు:- భాష-నిర్వచనం, లక్షణాలు, ఆవశ్యకత, ప్రయోజనాలు.
2. 'పర్ణం-పదం-వాక్యం', వాక్య లక్షణాలు, సామాన్య-సంయుక్త-సంశ్లిష్ట వాక్యాలు.
3. భాషా నిర్మాణంలో 'పర్ణం-పదం-వాక్యం' ప్రాధాన్యత.

యూనిట్-II

స్థూలనాత్మక రచన

4. కవితా రచన:- ఉత్తమ కవిత - లక్షణాలు.
5. కథా రచన:- ఉత్తమ కథ - లక్షణాలు.
6. వ్యాస రచన:- ఉత్తమ వ్యాసం - లక్షణాలు.

యూనిట్-III

అనువాద రచన

7. అనువాదం:- నిర్వచనం, అనువాద పద్ధతులు.
8. అనువాద సమస్యలు:- భౌగోళిక, భాషా, సాంస్కృతిక సమస్యలు, పరిష్కారాలు.
9. అభ్యాసము:- అంగ్లం నుండి తెలుగునకు ఒక పేరాను అనువదించడం.

యూనిట్-IV

మాధ్యమాలకు రచన-I:- ముద్రణ / ప్రింట్ మీడియా

10. ముద్రణా మాధ్యమం / అచ్చు :- పరిచయం, పరిధి, వికాసం.
11. వివిధ రకాల పత్రికలు - పరిశీలన, పత్రికా భాష, శైలి, వైవిధ్యం.
12. పత్రికా రచన:- వార్తా రచన, సంపాదకీయాలు, సమీక్షలు - అవగాహన.

యూనిట్-V

మాధ్యమాలకు రచన-II:- ప్రసార మాధ్యమం / ఎలక్ట్రానిక్ మీడియా

13. ప్రసార మాధ్యమాలు:- నిర్వచనం, రకాలు, విస్తృతి, ప్రయోజనాలు.
14. క్రవణ మాధ్యమాలు-రచన:- రేడియో రచన, ప్రసంగాలు, నాటికలు, ప్రసార సమాచారం.
15. దృశ్య మాధ్యమాలు-రచన:- వ్యాఖ్యానం / యాంకరింగ్, టెలివిజన్ రచన.

అధార గ్రంథాలు / వ్యాసాలు:

1. వ్యక్తీకరణ నైపుణ్యాలు-చూ.
 1. అధునిక భాషా శాస్త్ర సిద్ధాంతాలు - ఆచార్య పి.ఎస్. సుబ్రహ్మణ్యం.
 2. తెలుగు భాషా చరిత్ర - సం.ఆచార్య భద్రరాజు కృష్ణమూర్తి.
 3. తెలుగు వాక్యం - డా.చేకూరి రామారావు.
2. ఉత్తమ కవిత-లక్షణాలు - చూ.
 1. నవ్య కవిత లక్షణములు - ఆచార్య సి.నారాయణరెడ్డి.
 2. అధునికాంధ్ర కవిత్వము - సంప్రదాయములు, ప్రయోగములు: చతుర్థ ప్రకరణము.
3. ఉత్తమ కథ - లక్షణాలు - చూ.
 1. కథా శీల్పం - వల్లంపాటి వెంకట సుబ్బయ్య, పుటలు:11-17
4. ఉత్తమ వ్యాసం - లక్షణాలు - చూ.
 1. చదువు-సంస్కృతి (వ్యాసం) - కొడవటిగంటి కుటుంబరావు.
5. అనువాద రచన - చూ.
 1. అనువాద సమస్యలు - రాచమల్లు రామచంద్రారెడ్డి, పుటలు: 61-75, 85-94
 2. అనువాద పద్ధతులు ఆచరణ సమస్యలు - చేకూరి రామారావు
 3. 'భాషాంతరంగం', పుటలు: 130-146, తెలుగు విశ్వవిద్యాలయం ప్రచురణ.
6. ముద్రణా మాధ్యమం-చూ.
 1. మాధ్యమాలకు రచన, పుటలు: 9-12, డా.బి.ఆర్. అంజేద్దూర్ విశ్వవిద్యాలయ ప్రచురణ.
7. పత్రికా భాష-చూ.
 1. మాధ్యమాలకు రచన, పుటలు: 67-74, డా.బి.ఆర్.అంజేద్దూర్ విశ్వవిద్యాలయ ప్రచురణ.
8. పత్రికా రచన- చూ.
 1. తెలుగు-మౌలికాంశాలు, పుటలు: 59-69, డా.బి.ఆర్. అంజేద్దూర్ విశ్వవిద్యాలయ ప్రచురణ.
9. ప్రసార మాధ్యమాలు- చూ.
 1. మాధ్యమాలకు రచన, పుటలు: 3-10, డా.బి.ఆర్. అంజేద్దూర్ విశ్వవిద్యాలయ ప్రచురణ.
10. రేడియో రచన- చూ.
 1. మాధ్యమాలకు రచన, పుటలు: 141-148, డా.బి.ఆర్. అంజేద్దూర్ విశ్వవిద్యాలయ ప్రచురణ.
11. వ్యాఖ్యానం/యాంకరింగ్ - చూ.
 1. మాధ్యమాలకు రచన, పుటలు: 178-181, డా.బి.ఆర్. అంజేద్దూర్ విశ్వవిద్యాలయ ప్రచురణ.
12. టెలివిజన్ రచన- చూ.
 1. మాధ్యమాలకు రచన, పుటలు:153-160, డా.బి.ఆర్.అంజేద్దూర్ విశ్వవిద్యాలయం ప్రచురణ.
13. తెలుగు ఋత్నలిజం- డా. బూదరాజు రాధాకృష్ణ

మాదిరి ప్రశ్నాపత్రం

ప్రశ్న - ౨

శ్రీంది వానిలో **బదింటికి** సంక్షిప్త సమాధానాలు రాయండి. 5 X 4 = 20మా

- | | |
|---|--------------------|
| 1. బాష - ప్రయోజనాలు | 2. వాక్యం-లక్షణాలు |
| 3. తిలీచిపన రచన | 4. రిడీయో రచన |
| 5. ఉత్తమ వ్యాసం-లక్షణాలు | 6. సంక్షేప వాక్యం |
| 7. సంపాదకీయాలు | 8. మాండలికాలు |
| 9. వార్తా రచన | |
| 10. శ్రీంది అంకాన్ని తెలుగులోకి అనువదించి రాయండి. | |

To many, Indian thought, Indian manners, Indian customs, Indian philosophy, Indian Literature are repulsive at the first site; but let them preserve, let them read, let them become familiar with the great principles underlying these ideas, and it is ninety - nine to one that the charm will come over them, and fascination will be the result. Slow and silent, as the gentle dew that falls in the morning, un - seen and unheard yet producing, a most tremendous result, has been the work of the calm, patient, all suffering spiritual race up on the old of thought.

ప్రశ్న - ౧

శ్రీంది వానిలో **బదు** ప్రశ్నలకు వ్యాసరూప సమాధానాలు రాయండి. 5 X 10 = 50మా

11. బాషా నిర్మాణంలో వర్ణం, ఛందం, వాక్యాల ప్రాధాన్యతను వివరించండి.
12. బాషను నిర్వచించి, లక్షణాలు రాసి, ప్రామాణిక బాషను పరిచయం చేయండి.
13. ఉత్తమ కవితా లక్షణాలను విశ్లేషించండి.
14. ఉత్తమ కథా లక్షణాలను వివరించండి.
15. అనువాద సమస్యలను, వాటి పరిష్కారాలను గూర్చి రాయండి.
16. అనువాద లక్షణాలను వివరిస్తూ అనువాద పద్ధతులను గూర్చి రాయండి.
17. ముద్రణా మార్గమాన్ని పరిచయం చేస్తూ దాని పరిధి, వికాసాలను వివరించండి.
18. పత్రికా రచనను గురించి విశ్లేషణాత్మక వ్యాసం రాయండి.
19. ప్రసార మార్గమాల విస్తృతి, ప్రయోజనాలను సమీక్షించండి.
20. యాంకరింగ్ నిర్వహణ తీరు తెన్నులను వివరించండి.

A.G & S.G. Siddhartha Degree College Of Arts & Science
Vuyyuru - 521 165, Krishna Dist.
(An Autonomous College in the jurisdiction of Krishna University, Machilipatnam, A.P.,
ACCREDITED AT 'A' NACC
I Year B.A., B.Com., B.SC.,
Telugu III SEMESTER
Guidelines to paper Setters

పార్ట్ - ఎ

1వ ప్రశ్నలో సంక్షిప్త సమాధానాలు :

యూనిట్ - 1 నుండి రెండు ప్రశ్నలు
యూనిట్ - 2 నుండి రెండు ప్రశ్నలు
యూనిట్ - 3 నుండి రెండు ప్రశ్నలు
యూనిట్ - 4 నుండి రెండు ప్రశ్నలు
యూనిట్ - 5 నుండి రెండు ప్రశ్నలు
మొత్తం 10 ప్రశ్నలు ఇవ్వవలెను.

పార్ట్ - బి

2వ ప్రశ్నలో పెద్ద సమాధానాలు :

యూనిట్ - 1 నుండి రెండు ప్రశ్నలు
యూనిట్ - 2 నుండి రెండు ప్రశ్నలు
యూనిట్ - 3 నుండి రెండు ప్రశ్నలు
యూనిట్ - 4 నుండి రెండు ప్రశ్నలు
యూనిట్ - 5 నుండి రెండు ప్రశ్నలు
మొత్తం 10 ప్రశ్నలు ఇవ్వవలెను.

DEPARTMENT OF MATHEMATICS

Programme Specific Outcomes.

At the Completion of B.Sc. in Mathematics the students are able to:

- To increase the skills in different branches of Mathematics
- To increase the capability in learning Mathematics
- To increase the ideas in understanding the proofs
- To increase Mathematical abilities in learning Mathematics
- To facilitate students to appreciate the technique of formal proof (unique aspect of this discipline) in establishing facts through procedural, valid and logical reasoning.
- To familiarize students with the universal language of Mathematics precise in symbolic vocabulary, abstractions, generalizations and conventions.
- To enhance the Mathematical maturity in them with in depth of knowledge in pure and applied branches of Mathematics.
- To make them competent, resourceful, employable and empowered to adopt to changes
- To keep students abreast of the current and conversant in the recent development in the field.
- To encourage students to become techno savvy with a perception widened by Mathematics.

Program Outcomes of Mathematics Combination Groups

Sl. No.	Program	Program Specific Outcomes
1	MPC(EM)	Understand the theoretical concepts of physical and chemical properties of materials and the role of mathematics in dealing with them in a quantitative way.
		Analyse the concepts of mathematics, physics and chemistry and understand the relation among them like physical chemistry, mathematical modelling of physics and chemistry problems.
		Skills needed to handle instruments and adopt lab procedures to study physical chemical properties of materials. Mathematical, numerical techniques required to model them.
		Ability to interlink the skills and knowledge in mathematics, physics and chemistry and develop an aptitude to address the problems in biophysics, stock market analysis.
2	MPC(TM)	Understand the concepts of physics, various renewable energy resources and use mathematical concepts to deal with them quantitatively.
		Analyse problems associated with solar, wind, ocean and bio energy and energy storage systems.
		Acquire the skills to study the mechanical, thermal, electrical and electronic properties of materials used for solar, wind and ocean and bio energy.
		Ability to interlink the skills acquired and develop an aptitude to address the problems in the production, storage and usage stages of renewable energy systems.
3	M P Cs	Understand the concepts of vector spaces, group theory, quantum mechanics, optical, thermal, electrical, mechanical properties of a materials, probability, algorithm design, data base design, web design.
		Analyse the concepts of mathematics, physics and computers science able to relate them in numerical programming of models of physical systems.
		Acquire the skills to study the properties of materials, implementation of numerical algorithms by using various programming languages.
		Ability to interlink the skills developed and acquires an aptitude to address the problems in simulations of material properties, web and mobile app development.
4	MCCs	Under theoretical concepts of chemical properties of materials like symmetry of crystal systems, lattice points, miller indices, inter planar spacing's and the role of

		Analyse the concepts of mathematics and chemistry and understand the relation among them like solid state chemistry, mathematical modelling of Geological parameters
		Skills needed to handle instruments and adopt lab procedures to study chemical properties of materials. Mathematical, numerical techniques required to model them.
		Ability to interlink the skills and knowledge in mathematics and chemistry and develop an aptitude to address the problems in geographical data and in deriving chemical

A.G & S.G SIDDHARTHA DEGREE COLLEGE OF ARTS AND SCIENCE
(AUTONOMOUS) : VUYYURU

DEPARTMENT OF MATHEMATICS

COURSE OUTCOMES

Sl No	Year	Course Code	Course Name	Course Outcome
1	2020 - 21	MAT 101	Differential Equations	Understand how to differentiate linear and non-linear differential equations.
				Apply different methods for solving differential equations of first order but not of first degree.
				Will be able to find the solution of higher-order linear differential equations with constant coefficients.
				Use the method of "variation of parameters" to find the solution of higher-order linear differential equations with variable coefficients and solve the Cauchy-Euler equations
2		MAT 201	Solid Geometry	understand geometrical terminology for angles, triangles, quadrilaterals and circles, measure angles using a protractor, use geometrical results to determine unknown angles.
				To find the areas of triangles, quadrilaterals and circles and shapes based on these
				Define parallel lines, Recognize and create parallel lines on graphs and with equations, define perpendicular lines, Recognize and create graphs and equations of perpendicular lines
				To recognise line and rotational symmetries and the applications of spheres
3		MAT 301	Group Theory	Will be able to assess properties implied by the definitions

				of groups
				Will be able to use various canonical types of groups (including cyclic groups and groups of permutations)
				Will be able to analyze and demonstrate examples of subgroups, normal subgroups and quotient groups
				Will be able to use the concepts of isomorphism and homomorphism for groups
4		MAT 401	Real Analysis	Understand the concepts of limits, Continuity, Discontinuity, Uniform Continuity
				Use the definitions of convergence as they apply to sequences, series, and functions
				Apply the Mean Value Theorem and the Fundamental Theorem of Calculus to problems in the context of real analysis
				Identify Riemann Integral functions
5		MAT 501	Ring Theory and Vector calculus	Attain knowledge in Rings, Sub rings, Ideals
				Further learn homomorphisms and polynomial rings
				Will be able to compute and analyze the vector-valued functions of a real variable and their curves and in turn the geometry of such curves including curvature, torsion and the Frenet-Serre frame and intrinsic geometry
				Will be able to compute and analyze the integral ideas of the functions defined including line, surface and volume integrals - both derivation and calculation in rectangular, cylindrical and spherical coordinate systems and understand the proofs of each instance of the fundamental theorem of calculus
6		MAT 502	Linear Algebra	Recognize the concepts of the terms span, linear independence, basis, dimension and apply these concepts to various vector spaces and subspaces
				Will be able to find the linear independent and dependent vectors to linear transformations
				Use matrix algebra and the related matrices, Compute and use eigenvectors and eigenvalues
				Will be able to find the unit vectors by inner product spaces and Determine and use orthogonality.
7		MAT 601	Numerical Analysis	Analyze and detect different form of errors and also will be able to solve Algebraic and Transcendental equations using different methods.
				Interpolate the functions within the range using equally and un-equally spaced points
				Upon completion of this module the student should : Understand the Least Squares Method, Be able to curve fit data using several types of curves(straight line, second degree parabola, power curve, exponential curve)
				Will be able to solve linear system of equations with ill conditioned method and an approximation methods

8	MAT 602	Laplace Transforms and Fourier Transforma	Will be able to find the Laplace transform of a function by definition and by use of a table
			Will be able to find the inverse Laplace transform of a function
			Will be able to find the convolution of two functions and the transform of a convolution
			Will be able to solve linear differential equations with constant coefficients and unit step input functions using the Fourier transform and Fourier Sine and cosine functions
9	MAT 603	Advanced Numerical Analysis	Will be able to derive numerical methods for approximating the solution of problems of continuous mathematics
			To obtain numerical approximations to the first and second derivatives of certain functions •Calculate a definite integral using an appropriate numerical method
			Implement a variety of numerical algorithms using appropriate technologyCompare the viability of different approaches to the numerical solution of problems arising in roots of solution of non-linear equations, interpolation and approximation, numerical differentiation and integration, solution of linear systems
			To solve the solution of a linear system of equations using direct or iterative methods. • To solve the selected class of differential equations using Taylor, Picards, Euler's, Runge Kutta methods
10	MAT 604	Applications of Advanced Numerical Analysis with " C " Programme Project.	Will be able to compute and analyze the integral ideas of the applications of Advanced Numerical Analysis. To exicute the " C " programme by depending the applications of Advanced Numerical Analysis.

Department of Physics

Mechanics & Properties of Matter

CODE: PHY-101C

Course Objectives

1. Understand the vectorial and scalar representation of forces.
2. Analyse the properties of surfaces and solids in relation to moment of inertia.
3. Illustrate the laws of motion, kinematics of motion and their inter-relationship.

Course Outcomes

1. Relative motion, Inertial and non-inertial reference frames.
2. Parameters defining the motion of mechanical systems and their degrees of freedom.
3. Application of the vector theorem to mechanics.
4. Study of the interaction of forces between solids in mechanical systems.

WAVES & OSCILLATIONS

CODE: PHY-201C

Course Objectives

1. Students will learn to use graph functions and fit curves.
2. Students will be able to solve oscillating system problems.

Course Outcomes

1. The student will be able to recognise and use a mathematical oscillator equation and wave equation and derive their equations for certain systems.
2. The student will understand the simple harmonic motion and will be able to derive and solve the equations of motions for physical systems that undergo simple harmonic motion.
3. The student will be able to adapt the general simple harmonic motion solution for specific initial conditions.
4. The student will be able to understand why oscillations are harmonic and the general consequences of non- linear restoring forces.

WAVE OPTICS

CODE: PHY-301C

Course Objectives:

1. To develop an understanding of the principles of optics.
2. To develop problem solving methods that will include mathematical as well as numerical computations and solutions.
3. To build connections between mathematical development and conceptual understanding.
4. Learn a variety of mathematical and computer techniques.

Course Outcomes:

1. To apply scientific methods and processes by formulating questions, designing investigations and synthesizing data to draw conclusions and make scientifically-based decisions
2. To generate and interpret scientific data using quantitative, qualitative and analytical methodologies and techniques
3. To apply the core concepts of math, physics, chemistry and biology to a chosen scientific discipline
4. To interpret current scientific concepts and gaps in knowledge in light of the historical development of a chosen discipline
5. To apply contemporary research methods, skills and techniques to conduct independent inquiry in a chosen scientific discipline.

Course Specific Outcomes:

1. Develop a conceptual understanding of the fundamental physical principles described above.
2. Recognize the relationship between the conceptual description of nature and its mathematical expression.
3. Develop the mathematical description of these principles that can be used to develop devices, structures, and technologies that are useful for mankind.
4. Use the mathematical description of these principles to develop problem solving skills that will benefit your future career.
5. Experience and deeply understand selected fundamental principles and the key vocabulary to describe it.
6. Develop skills in observation, interpretation, reasoning, synthesis, generalizing, predicting, and questioning as a way to learn new knowledge.
7. Develop skills in oral and written communication, and following written instruction.
8. Develop a notebook of checkout questions, purposes, strategies, and acceptable outcomes

THERMODYNAMICS:**CODE: PHY-401C****Course Objectives:**

1. To develop problem solving methods that will include mathematical as well as numerical computations and solutions.
2. To build connections between mathematical development and conceptual understanding.
3. Understand how statistics of the microscopic world can be used to explain the thermal features of the macroscopic world.
4. Be able to use thermal and statistical principles in a wide range of applications.
5. Learn a variety of mathematical and computer techniques.

Course Outcomes:

1. To apply scientific methods and processes by formulating questions, designing Investigations and synthesizing data to draw conclusions and make scientifically-based decisions
2. To generate and interpret scientific data using quantitative, qualitative and analytical methodologies and techniques
3. To apply the core concepts of math, physics, chemistry and biology to a chosen scientific discipline
4. To demonstrate knowledge of the ethical, economic and social implications of scientific discovery and technological innovation
5. To apply contemporary research methods, skills and techniques to conduct independent inquiry in a chosen scientific discipline.

Course Specific Outcomes :

1. Develop a conceptual understanding of the fundamental physical principles described above.
2. Recognize the relationship between the conceptual description of nature and its mathematical expression.
3. Develop the mathematical description of these principles that can be used to develop devices, structures, and technologies that are useful for mankind.
4. Use the mathematical description of these principles to develop problem solving skills that will benefit your future career.
5. Experience and deeply understand selected fundamental principles and the key vocabulary to describe it.
6. Develop skills in observation, interpretation, reasoning, synthesis, generalizing, predicting, and questioning as a way to learn new knowledge.
7. Develop skills in oral and written communication, and following written instruction.
8. Develop a notebook of checkout questions, purposes, strategies, and acceptable Outcomes.

Electricity, Magnetism & Electronics:**CODE: PHY-501C****Course Objectives:**

Explain the meaning and importance of Maxwell's equations

Course outcomes:

- Maxwell's four equations describe how electric charges and currents create electric and magnetic fields, and how they affect each other.
- Gauss's law relates an electric field to the charge(s) that create(s) it.
- Gauss's law for magnetism states that there are no "magnetic charges" analogous to electric charges, and that magnetic fields are instead generated by magnetic dipoles.
- Faraday's law describes how a time-varying magnetic field (or flux) induces an electric field. The principle behind this phenomenon is used in many electric generators.
- Ampere 's law originally stated that a magnetic field is created by an electrical current. Maxwell added that a changing electric flux can also generate a magnetic field.

MODERN PHYSICS**CODE: PHY-502C****Course Objectives:**

Modern Physics was developed correcting the failures of Classical Physics to provide a consistent description of the behaviour of light and matter in the atomic scale.

Modern Physics involves the basic concepts of Atomic Physics, Quantum mechanics & Nuclear Physics with emphasis on the nuclear structure and radiation interactions with matter, results of Matter.

Course Outcomes:

1. To understand the intuitive ideas of Atomic Physics, , Quantum mechanics and Nuclear Physics.
2. To know the basic principle of Quantum Physics in one dimension including the Particle nature of matter, Raman Effect and Uncertainty principle.
3. Students develops a comprehensive knowledge of the current basis of broad knowledge in Modern Physics
4. Develop and communicate analytical skills in subatomic physics and superconductivity.

ANALOG AND DIGITAL ELECTRONICS

CODE: PHY-601GE

Course Objectives

- To prepare students to perform the analysis of any Analog electronics circuit.
- To empower students to understand the design and working of BJT / FET amplifiers, oscillators and Operational Amplifier.
- To prepare the students for advanced courses in Communication system Circuit Design.

Course Outcomes

- To understand and analyze the different biasing techniques used in BJTs and FE Ts.
- The ability to understand and analyze different amplifier circuits using AC equivalent models.
- To understand the effect of negative feedback, high frequency response and Gain - bandwidth relationship for amplifier design.
- To understand the effect of positive feedback and to analyze and design Oscillators using BJTs, FETs and OPAMPs.
- To analyze and design filters, analog to digital and digital to analog Converters, Comparators, adders, subtractors, Integrators and differentiators using OPAMP 741 .
- To develop the skill to build, and troubleshoot Analog Circuits.

INTRODUCTION TO MICROPROCESSOR AND MICROCONTROLLER

Course Objectives:

CODE: PHY-602CE

- The objective of this course is to become familiar with the architecture and the instruction set of an Intel microprocessor
- Assembly language programming will be studied as well as the design of various types of digital and analog interfaces
- Understand the architecture of 8085 and 8051.

Course Outcomes:

- a. Describe an 8 bit microprocessor architecture(8085A)
- b. Explain the concepts of memory and I/O interfacing with microprocessor
- c. Explain the concept of interrupts, buses and microprocessor based system architecture.
- d. Describe an 8 bit microcontroller architecture-8051
- e. Program assembly language programming of 8051 perform experiments on assembly language programming

Computational Methods and Programming**CODE: PHY-603CE****Course Objectives:**

Many applications of mathematics rely heavily on computation. This course provides an introduction to the theory of computation and to modern programming techniques. After learning the C programming language, students will gain a familiarity with basic numerical methods for problems such as root-finding, interpolation and solving ODEs.

Course Outcome

The student will be able to

1. Apply Numerical analysis which has enormous application in the field of Science and some fields of Engineering.
2. Familiar with finite precision computation.
3. Familiar with numerical solutions of nonlinear equations in a single variable.
4. Familiar with numerical integration and differentiation, numerical solution of ordinary differential equations.
5. Familiar with calculation and interpretation of errors in numerical method.

ELECTRONIC INSTRUMENTATION**CODE: PHY-604CE****Course Objectives:**

- (i) To introduce students to the use of various electrical/ electronic instruments, their construction, application, principle of operation and standards of measurements like Analog & Digital Multimeters, Cathode ray oscilloscope, Function generators and many a more.
- (ii) To provide students with opportunities to develop basic skills in the design of Electronic equipment.

Course Outcomes:

- Understands the basics of electrical/ electronic instruments, their use, peculiar errors associate with the instruments and how to minimize errors.
- Aware the industrial and laboratory application of such instruments.
- Understands the basic design techniques of electronic equipment.

Department of Physics

Programme Outcome

Physics deals with a wide variety of systems, certain theories are used by all physicists. Each of these theories were experimentally tested numerous times and found to be an adequate approximation of nature. Physics uses mathematics to organize and formulate experimental results. From those results, precise or estimated solutions, quantitative results from which new predictions can be made and experimentally confirmed or negated.

After successful completion of three year degree program in physics a student should be able to;

Demonstrate, solve and develop an understanding of major concepts in all disciplines.

Solve the problem and also think methodically, independently and draw a logical conclusion.

Employ critical thinking and the scientific knowledge to design, carry out, record and analyze the results of Physics experiments.

Create an awareness of the impact of Physics on the society, and development outside the scientific community.

Programme Specific Outcome

The theory of mechanics(it is a branch of physics) accurately describes the motion of objects, provided they are much larger than atoms and moving at much less than the speed of light.

These theories continue to be areas of active research today.

The student will gain the knowledge of Physics through theory and practical's.

The student will understand good laboratory practices and safety.

The student will develop research oriented skills.

A.G& S.G. Siddhartha Degree College of Arts & Science, Vuyyuru(Autonomous)

Department of Chemistry

Name of the programme: Bsc

Program outcomes:

On completion of the course, student will able to

1. Provide a broad foundation in chemistry that stresses scientific reasoning and Analytical problem solving with a molecular perspective.
2. Provide students with the skills required to succeed in graduate school, the chemical industry or professional school.
3. To expose the students to a breadth of experimental techniques using modern instrumentation.
4. The student will understand the importance of the Periodic Table of the Elements, how it came to be, and its role in organizing chemical information.
5. The student will learn the laboratory skills needed to design, safely conduct and interpret chemical research.
6. The student will acquire a foundation of chemistry of sufficient breadth and depth to enable them to understand and critically interpret the primary chemical literature.
7. The student will learn professionalism, including the ability to work in teams and apply basic ethical principles.

Program Specific Outcomes:

1. The student will understand the interdisciplinary nature of chemistry and to integrate knowledge of mathematics, physics and other disciplines to a wide variety of chemical problems.
2. The student will develop the ability to effectively communicate scientific information and research results in written and oral formats.
3. To encourage the students for higher education.

A.G & S.G.Siddhartha Degree College of Arts &Science,Vuyyru.(Autonomous)

Department of Chemistry

Name of the Programme: BSC

Name of the Course: Chemistry

SEMESTER-I ----Inorganic and Physical Chemistry-CHE-101

Course Outcomes:

On completion of the course, student will able to

1. Learn periodic properties of p-block elements.
2. Know the nature of compounds formed by p-block elements.
3. Impart knowledge about the chemistry of electron deficient compounds.
4. Know the applications of Silicones and silanes.
5. Understand the characteristic properties of transition and inner transition elements.
6. Understand the concepts of different states of matter like solid, gases & liquid.
7. Know the types of liquid mixtures and colligative properties.
8. To learn the concept of ionic equilibrium, common ion effect & solubility product.

Practicals-CHE-101P Inorganic qualitative analysis of salt mixture:

The objective of the practical is to develop skills in semi micro qualitative analysis.

Course Outcomes:

On completion of the course, student will able to

1. Develop analytical skills in inorganic qualitative analysis.
2. Develop the skill of semi micro qualitative analysis
3. Identify acid and basic radical present in the given salt mixture.

SEMESTER-II---Organic and General Chemistry-CHE-201

Course Outcomes:

On completion of the course, student will able to

1. Know reaction intermediates used in Organic chemistry.
2. Gain knowledge about the basic concepts in organic chemistry.
3. Understand how structure affects the reactivity of organic molecules.
4. Know importance of aliphatic and aromatic hydrocarbons.
5. Know orbital structure, orientation and electrophilic substitution reactions of Benzene.
6. Understand the difference between true solutions, colloids and suspensions.
7. Have knowledge of reactivity of molecule based on structure and bonding.
8. Understand the importance of stereochemistry of carbon compounds

Practicals-CHE-201P Inorganic quantitative analysis

The objective of the practical is to improve quantitative skill in volumetric analysis and also learn some organic functional group tests.

Course Outcomes:

On completion of the course, student will able to

1. Acquire quantitative skills through volumetric analysis.
2. Understand the characteristic reactions of some functional group in organic compounds

SEMESTER-III - Inorganic and Organic chemistry-CHE-301

Course Outcomes:

On completion of the course, student will able to

1. Understand the characteristic properties of transition and inner transition elements.
2. Know the formation and stability of complexes through EAN.
3. Understand the chemistry of important reactions of halogen, hydroxyl, carbonyl and carboxylic acids.
4. Learn the synthetic applications of active methylene compounds.

Practicals-CHE-301P Inorganic quantitative analysis

Course Outcomes

On completion of the course, student will able to

1. Acquire quantitative skills through volumetric analysis.
2. To learn the estimation of Iron and copper ions by volumetrically.
3. Understand the characteristic reactions of some functional group in organic compounds.

SEMESTER-IV-Spectroscopy and Physical Chemistry-CHE-401.

Course Outcomes

On completion of the course, student will able to

- 1 Educate the students about the fundamentals of various spectroscopic techniques.
- 2 Understand the concepts and principles of UV, IR,NMR.
- 3 Employ the spectroscopic techniques for the structural identity of organic molecules.
- 4 Acquire knowledge the laws of photochemistry.
- 5 Learn about the principles and applications of electrochemistry.
- 6 Understand types of electrodes.
- 7 Understand basics of phase equilibrium.
- 8 Enable the students to understand the effect of pressure and temperature on phase equilibrium.
- 9 Impart knowledge with respect to the phase transformation of different systems

Practicals-CHE-401P Physical chemistry & IR Spectral analysis

The objectives of the practicals are to develop skills doing experiments in conductometry and potentiometry.

Course Outcomes

On completion of the course, student will able to

1. Enable the students to acquire analytical skills.
2. Comprehend analysis of spectra's.
3. Prepare molar and normal solutions of various concentrations.
4. Determine the concentrations of unknown solutions by conductometry and Potentiometer.

SEMESTER-V-Inorganic, Organic & Physical Chemistry-CHE-501

Course Outcomes

On completion of the course, student will able to

1. Understand the stability and magnetic behavior of the complex compounds.
2. Understand the importance and applications of complex compounds.
3. Have knowledge of organic compounds containing Nitrogen as hetero atom.
4. Understand the laws of thermodynamics, spontaneous, non-spontaneous processes and entropy.

Practicals-CHE-501P-Organic qualitative analysis

The objectives of the practicals are the students get training for systematic analysis of simple organic compounds.

Course Outcomes

On completion of the course, student will able to

1. To enable the students to check the purity of organic compounds by determining the melting or boiling points.
2. To analyze and characterize simple organic functional groups.

Inorganic, Organic & Physical Chemistry-CHE-502

Course Outcomes

On completion of the course, student will able to

1. Understand the reactivity of coordination compounds.
2. Understand the active roles of metal ions and coordination compounds in biological systems.
3. Understand classification and structure of aldose and ketose.
4. Comprehend functions of proteins.
5. Learn the fragmentation of ions and structure elucidation of some molecules by Mass Spectrometry.
6. Understand the difference between order and molecularity of reaction.
7. Understand the zero, first and second order reactions.

Practicals-CHE-502P Physical Chemistry Practical's

Course Outcomes

On completion of the course, student will able to

1. Determine the rate constant of a chemical reaction.
2. Understand Nernst distribution law.
3. Determine the liquid properties (viscosity & surface tension) of organic liquids.
4. Understand the concept of adsorption phenomenon.

SEMESTER-VI-Analytical methods in Chemistry-CHE-601

Course Outcomes

On completion of the course, student will able to

1. Understand the selection of indicator in different types of titrations.
2. Understand the procedure of extraction of metal ions using solvent extraction process.
3. Develop the habit of accurate manipulation and attitude of critical thinking.
4. Understand the theoretical principles of chromatography techniques and its applications.
5. Learn principles and applications of GC and HPLC.

Practicals-CHE-601P Chromatography and volumetric analysis

The objectives of the practicals are to develop the skills for quantitative estimation of metal ions by volumetrically.

Course Outcomes

On completion of the course, student will able to

1. Estimate the degree of hardness of water using EDTA.
2. Estimate the Zinc and Magnesium ions using EDTA.
3. Understand the paper chromatography technique.

Organic Spectroscopic techniques-CHE-602

Course Outcomes

On completion of the course, student will able to

1. Understand the principle and instrumentation of NMR.
2. Know the nature of the protons in organic molecules by chemical shifts.
3. Study the types of various coupling constants.
4. Know the basic principles of Electronic Spin Resonance Spectroscopy.
5. Study the ESR Spectra of inorganic and organic ions.
6. Study the UV & Visible radiations absorption in organic molecules.
7. Gain knowledge about the UV & Visible spectral analysis of conjugated compounds.
8. Acquire knowledge about Beer-Lamberts law and simultaneous determination of metal ion solutions by the electronic spectroscopy.

Practicals-CHE-602P Organic preparations

The objectives of the practical's are gain skill to prepare various organic compounds by convention methods.

Course Outcomes

On completion of the course, student will able to

1. Recognize the purity of organic compounds by determining the melting or boiling points.
2. To gain knowledge in the preparations of various organic compounds.

Advanced Organic reactions-CHE-603

Course Outcomes

On completion of the course, student will able to

1. Understand fundamentals of Organic photochemistry.
2. Describe and distinguish between radioactive and non- radioactive transitions with the help of Jablonski diagram.
3. To learn about Norrish cleavages for cycloienes, esters and diketones.
4. To know the utility of protecting group strategy in some organic synthesis.
5. Discuss orally and in writing organic reactions with regard to mechanisms and stereo selectivity.
6. Suggest alternative reagents and reactions for performing desired organic transformations.

Practicals-CHE-603P Preparation of organic compounds by Green procedure

The objectives of the practical's are gain skill to prepare various organic compounds by green methods.

Course Outcomes

On completion of the course, student will able to

1. Learn the importance of green chemistry experiments.
2. Improve knowledge in quantitative analysis of elements by green procedure.
3. Enable to understand the various green syntheses of compounds.

Pharmaceuticals and medicinal Chemistry-CHE-604

Course Outcomes

On completion of the course, student will able to

1. Helps in correlating between pharmacology of a disease and its mitigation or cure.
2. understand the drug metabolic pathways, adverse effect and therapeutic value of drugs
3. Know the structural activity relationship of different class of drugs.
4. Well acquainted with the synthesis of some important class of drugs.
5. Knowledge about the mechanism pathways of different class of medicinal compounds.
6. Understand the chemistry of drugs with respect to their pharmacological activity.

Project work-CHE-604Pro

Course Outcomes

1. On completion of the course, student will able to
2. To inculcate the interest in Research and Development.
3. To upgrade the practical knowledge in Analytical, Organic, and Physical chemistry.
4. To improve the analytical skills.
5. To understand and observe the changes around us.
6. It focuses on the presence and impact of chemicals in soil, surface water and ground water.
7. To understand contaminants on Eco systems, animals and human health.

AG & SG SIDDHARTHA DEGREE COLLEGE OF ARTS & SCIENCE
(AUTONAMOUS)VUYYURU.DEPARTMENT OF POLITICAL SCIENCE

SNO	Programme Outcomes Upon Completion of BA Degree Programme with Political Science Combination the Graduates will be able to:
PO-1	Understand the world, their country, their society, as well as themselves and Develop the ability of reflective thinking and reasoning
PO-2	Get awareness of ethical problems, social rights, values and responsibility
PO-3	Take individual and team responsibility as a member or a leader of a team and have the skills to work effectively.
PO-4	Student will be able to understand the basic tools of analysis such as analysis of social, political, religious, cultural and economic issues.
PO-5	Prepare Students to recognise values and ethical standards in every walk of life
PO-6	Develop the ability to make logical inferences about social and political issues on the basis of comparative knowledge
PO-7	Create the feeling of patriotism among the students and sense of belongingness of the society they live in
PO-8	Exposed to the Knowledge of philosophical underpinnings of modern politics , government and the legal principles
PO-9	Prepare students for a variety of careers and professions in fields such as law, government, education, politics, policy, and business.

AG & SG SIDDHARTHA DEGREE COLLEGE OF ARTS & SCIENCE
(AUTONOMOUS)VUYYURU.DEPARTMENT OF POLITICAL SCIENCE

SNO	Programme Specific Outcomes Upon Completion of BA Degree Programme with Political Science Combination the Graduates will be able to:
PSO-1	Be able to describe and explain political theory, political systems around the world, and politics in the international arena,
PSO-2	To create an awareness of different political ,social and economic cultures in the past and their Interrelationship.
PSO-3	Identify the principal arguments for and against alternative forms of government and evaluate alternative political ideas and ideologies
PSO-4	Understand basic political and governmental structures, processes, and policies and operation of the system.
PSO-5	Able to explain the role of political ideas, value conflicts, and ideology in human societies.
PSO-6	Critically assess the actions of the political process and determine their motives
PSO-7	Understand the foundations of Indian government, including the structure and relationships between the branches of government
PSO-8	Know how laws are made, policies are developed, programs implemented, and what influences and constraints are placed upon the process
PSO-9	Inculcate moral and ethical values among students to become a responsible citizens

A.G &S.G SIDDHARTHA DEGREE COLLEGE OF ARTS & SCIENCE VUYYURU-521165

(An Autonomous College in the jurisdiction of Krishna University , Machilipatnam)

Title of the paper: INTRODUCTION TO POLITICAL SCIENCE

Semester-I

Course Code	POLTIIB	Course Delivery Method	Class Room
Credits	4	CIA Marks	25
No.of Lecture Hours/Week	5	Semester End Exam Marks	75
Total Number of Lecture Hours	60	Total Marks	100
Year of Introduction2020-2021	Year of offering 2021-2022	Year of Revision 2021-2022	Percentage of Revision 0%

Course Context and overview: To train students in order to have clear understanding of politics, related concepts such as government, state sovereignty, legitimacy, power, influence, authority, democracy, power, political participation, political system etc.

COURSE OUTCOMES: INTRODUCTION TO POLITICAL SCIENCE

Course Outcomes: At the end of the course the student will be able to:

CO1: Define important field-specific theories and concepts, and understand their role in developing political science Knowledge: L-1 , L-2

CO2: Summarize conceptual arguments or theoretical approaches. L-3 , L-4

CO3: Apply them to field relevant situations and support their application with appropriate evidence. L-3, L-4

CO4: Compare and evaluate the merits of multiple policies, theories or concepts from different disciplinary perceptions. L-5

CO5: With the course, students are expected to learn the political concepts and theory in the Basic Concepts of Political Science. L-1, L-2

Program Outcome:

On successful completion of the course the students will be able to:

- Recall the previous knowledge about Political Science and understand the nature and scope, traditional and modern approaches of Political Science.
- Understand concepts intrinsic to the study of Political Science.
- Have a solid theoretical understanding of Rights and its theories along with the basic aspects of certain political ideologies.
- Apply the knowledge to observe the field level phenomena.

SEMESTER – II	COURSE CODE: POL – 201C
PAPER TITLE : CONCEPTS THEORIES AND INSTITUTIONS	

No. of Hours per week: 6

Max. Marks: 100

No. of Credits: 4

External: 70

Internal: 30

CO No.	Course Outcomes	Cognitive Level	PSO No.
1	Come to know about Democracy- forms, Conditions necessary for the success, Merits and demerits of democracy	E	2,3
2	Understand the Ideologies- Individualism, Anarchism Fascism, Marxism and Gandhism and Theory of Separation of Powers.	Ap	2
3	Know about Legislature - Powers and Functions , Stages of making the Law .	Ap	3
4	Examine the Importance and functions of Executive i.e Parliamentary- Executive , presidential executive	E	5
5	Develop interest in Human Rights , popular control, welfare state reasons for the growing importance and United Nations Declaration of Human Rights.	Ap	7

B.A. POLITICAL SCIENCE SECONDYEAR

THIRD SEMESTER (Under CBCS w.e.f2020-21)

Course-3: INDIAN GOVERNMENT AND POLITICS

Course Code	POLT301C	Course Delivery Method	Class Room
Credits	4	CIA Marks	30
No.of Lecture Hours/Week	5	Semester End Exam Marks	70

Total Number of Lecture Hours	60	Total Marks	100
Year of Introduction 2020-2021	Year of offering 2021-2022	Year of Revision 2021-2022	Percentage of Revision 0%

Course Outcomes:

CO1: The students community has acquired knowledge of the making of the Indian Constitution and its philosophical background. L1

CO2: Information about the functionaries of the government both at the union and state level was acquainted by the student community. L1, L2

CO3: To Understand the legislative procedures which ensure the orderly conduct of business in our parliament and state legislative assemblies in **India.**

CO4: To understand know the Ministers, their role & responsibilities. L1,

CO5: To understand Judiciary of India. L1, L2

Program Outcomes:

On successful completion of the course the students will be able to:

- Acquire knowledge about the historical background of Constitutional development in India, appreciate philosophical foundations and salient features of the Indian Constitution.
- Analyze the relationship between State and individual in terms of Fundamental Rights and Directive Principles of State Policy.
- Understand the composition and functioning of Union Government as well as State Government and finally
- Acquaint themselves with the judicial system of the country and its emerging trends such as judicial reforms.

Political Science	POL 401C	2019-20	II BA
-------------------	----------	---------	-------

SEMESTER – IV

**SYLLABUS
IV**

PAPER -

INDIAN POLITICAL PROCESS

CO No.	Course Outcomes	Cognitive Level	PSO No.
1	To understand about the role of Political Parties, Characteristics of Indian and Classification of Indian Political Parties .	Un	1
2	Know about Election Commission - Structure , Powers and Functions b) Electoral Reforms .	An, E	4
3	Able to analyse Political Parties in India National Parties-Indian National Congress, BJP and Communist Parties - CPI and CPI (M) Regional Parties-Akali Dal, DMK and AIADMK, Telugu Desam Party, T.R.S .	E	2
4	Understand Voting Behaviour and its determinants.-Caste, Gender and Religion in politics	Ap	4,9
5	Orient towards Trends in political System-Coalition Politics, National Integration and Social movements .	Un, E	1

**A.G. & S.G.SIDDHARTHA DEGREE COLLEGE OF ARTS &
SCIENCE (AUTONOMOUS), (2020-21) VUYYURU**

PAPER TITLE : PAPER-V (CORE): INDIAN POLITICAL THOUGHT

Course Code	POL501C	Course Delivery Method	Class Room
Credits	4	CIA Marks	30
No.of Lecture Hours/Week	5	Semester End Exam Marks	70
Total Number of Lecture Hours	60	Total Marks	100
Year of Introduction2020-2021	Year of offering 2021-2022	Year of Revision 2021-2022	Percentage of Revision 0%

Course outcomes :

CO1: It helps students discover the political philosophy that forms the basis of politics in the Indian Political Thought , to interpret the political philosophies of the Ancient Indian and Medieval philosophers in historical context as well as relate them to contemporary politics.

CO2: Origin of the knowledge in the Indian political thought.

CO3: To understand the political thoughts in medieval period and how it laid foundation to modern.

CO4: To demonstrate how government politics people by democracy and individual people.

CO5: To demonstrate individual freedom and Theory of sarvodaya.

Program Outcomes:

On successful completion of the course the students will be able to:

- Understand the fundamental course classical, Indian political philosopher, basic features of medieval political thought and shift from medieval to modern era.
- UnderstandtheGandhiandPoliticalTheoryandappreciateitsimplicationsontheperceptio n of State in terms of its purposes and role.

- Acquaint with the Liberal and M.N Roy human radicalism and Jayaprakash Narayana Political Ideas
- critically analyze the evolution of Indian political thought.

**A.G. & S.G.SIDDHARTHA DEGREE COLLEGE OF ARTS & SCIENCE
(AUTONOMOUS), (2020-21) VUYYURU**

Semester-V

PAPER TITLE : PAPER-VI (CORE): WESTERN POLITICAL THOUGHT

Course Code	POL502C	Course Delivery Method	Class Room
Credits	4	CIA Marks	30
No.of Lecture Hours/Week	5	Semester End Exam Marks	70
Total Number of Lecture Hours	60	Total Marks	100
Year of Introduction2020-2021	Year of offering 2021-2022	Year of Revision 2021-2022	Percentage of Revision 0%

Course outcomes :

CO1: It helps students discover the political philosophy that forms the basis of politics in the Western world, to interpret the political philosophies of the Greek, Roman , French, English and German philosophers in historical context as well as relate them to contemporary politics.

CO2: Origin of the knowledge in political thought.

CO3: To understand the political thoughts in medieval period and how it laid foundation to modern.

CO4: To demonstrate how government politics people by democracy and individual people.

CO5: To demonstrate individual freedom, surplus value, materialist.

Program Outcomes:

On successful completion of the course the students will be able to:

- Understand the fundamental contours classical, western political philosophy, basic features of medieval political thought and shift from medieval to modern era.
- Understand the Social Contract Theory and appreciate its implications on the perception of State in terms of its purposes and role.
- Acquaint with the Liberal and Marxist philosophy and analyze some trends in Western Political Thought.
- Critically analyse the evolution of western political thought.

POLITICAL SCIENCE	POL 601GE	2020-21	III BA
------------------------------	------------------	----------------	---------------

SEMESTER-VI

SYLLABUS

PAPER –VII

C(ELECTIVE)

LOCAL SELF GOVERNMENT IN ANDHRA PRADESH

Course Outcomes:

- Define important field specific Theories and Concepts and understanding their role in developing local self government knowledge
- Summarize concept arguments or amendments 73, 74
- Apply them to filled the relevant situations and their applications with the structure and function panchayathi raj in Andhra Pradesh
- Compare and evaluate the merits of Urban Local bodies in Andhra Pradesh
- With the course students are expected to learn the local self governments in the basic concept of political science

Political Science	POL 602CE	2020-21	III BA
--------------------------	------------------	----------------	---------------

**Semester-VI
VIII C1**

Syllabus

Paper –

(Clusters)

INTERNATIONAL RELATIONS

CO No.	Course Outcomes	Cognitive Level	PSO No.
1	To expose the Students to the scope and Basic Concepts of International Relations	Ap	4
2	Able to learn the Approaches to the study of International Relations – Idealism, Classical Realism, realism	Un, Ap	1
3	Get acquaintance with the Phases of International Relations (1914-1945) - Causes for the First World War, Causes for the Second World War	R	2
4	Get acquaintance with the types and Phases of International Relations (1945 onwards)- Origins of First Cold War, Rise and Fall of Détente ,Origins and the End of Second Cold War	E	3
5	Awareness of International Organisation- The UNO in the protection of International Peace, Problems of the Third World	Un	2

POLITICAL SCIENCE	POL 601GE	2019-20	III BA
------------------------------	------------------	----------------	---------------

SEMESTER-VI

SYLLABUS

PAPER –VII

C2(ELECTIVE)

INDIAN FOREIGN POLICY

CO No.	Course Outcomes	Cognitive Level	PSO No.
1	Evolution of Local Self-Government in India and Constitutional Provisions on local Self-Government	Un	4
2	Understand the Importance of Constitutional Amendments -73rd and 74th Amendment on Local bodies	An, E	2,8
3	Know about Structure and functions of Panchayatiraj in Andhra Pradesh that is Gram Panchayat, Mandal Parishad And Zilla Parishad.	R	4
4	Know about Structure and functions of urban local bodies in Andhra Pradesh that is Nagar Panchayats, Municipalities And Municipal Corporations	E	3

Understand	Un
Analyse	An
Remember	R
Evaluation	E
Apply	Ap
Course outcome	CO
Programme Specific outcome	PSO

AG&SGS DEGREE COLLEGE – VUYYURU

DEPARTMENT OF ECONOMICS

It is primarily designed to help the students understand how Economics Essays and papers are constructed and kinds of information they usually contain. It is helpful when it comes to such things as constructing models.

Alternatively you can pursue a more general Bachelor of Arts in Economics. Most of these programmes offered are IB.A Micro Economics, IIB.A Macro Economics and IIIB.A Vth papers Economic Development and Indian Economy and Indian and Andhra Pradesh Economy.

With paper G.E Agricultural Economics, VI C.E papers Agribusiness Environment and Agricultural Output Marketing, and Project work.

PROGRAMME OUTCOMES

After completion of BA Degree program with Economics combination the Graduates will be able to

1. able to understand basic concepts of economics.
2. able to analyze economic behavior in practice.
3. To understand the economic way of thinking.
4. ability to analyze historical and current events from an economic perspective.
5. The ability to write clearly expressing an economic point of view.
6. Be exposed to alternative approaches to economic problems through exposure of course work in allied fields.
7. To create students ability to suggest the various economic problems.

Programme specific outcomes

After completion of BA Degree program with Economics combination the Graduates will be able to

PSO1- To understand the Basics of Economics and Economic Activities of students and public in our society.

PSO2- To create an awareness on different activities like production distribution marketing etc..

PSO3- To analyze the price determination theories to the entrepreneurs, business activities.

PSO4- To prepare the students for future studies employability and responsible citizenship.

1. Future Studies: P.G in Economics, B.Ed, Mphil, Phd.
2. Employability : will become a statistical officers, Demographers, upsc and Appsc Jobs, Teachers, N.G.O's etc....

PSO5- To develop the interest in the study of Economics and Economic Activities, skills in market relatively to Economics.

1. To draw the table and diagrams regarding the growth rates etc..
2. Collect the information about the innovations in the duration process etc..
3. To know about the growth of various sector in Economy like P.S.S.T.S.

PSO6- Empowering the students in the Economic research and to create magazines, articles on Economic topics.

PSO7- To implement the moral and ethical values in the public regarding the business and Economic activity.

PSO8- To know the growth rate of the Economy in the country and the level of consumption.

PSO9- To create the awareness on savings and Expenditure among the students.

PSO10- To improve the administration and managireal skills among the students.

1st year BA Economics Syllabus Semester Paper – I

Micro Economic Analysis –Semester – I

Understand	UN
Analyse	AN
Remember	RE
Evaluation	EV
Apply	AP

S.No.	Course out comes	Cognitive Level	PSO NO.
	After successful completion of the course a student will be able to		
Co-1	This course realize the recent development in their scope of economics and Definitions.	UN	PSO 1
Co-2	To understand Micro-Macro Economics and Inductive and Deductive Methods	UN	PSO 1, PSO2
Co-3	To understand the concepts of consumer behavior.	AN	PSO 1
Co-4	Able to understand the Demand analysis.	AN	PSO 1, PSO 3
Co-5	Able to understand ordinal approaches and Indifference curves.	RE, EV	PSO 3

1st year BA Economics Syllabus Semester Paper – II

Macro Economic Analysis –Semester – II

S.No.	Course out comes	Cognitive Level	PSO NO.
	On completion of the course students are able to		
Co-1	To able to understand price determination of factors, and, various theory factors	UN	PSO 3
Co-2	Awareness of different markets structure.	AP	PSO 2
Co-3	Describe price and output determination of firms, and industry	RE	PSO 3
Co-4	Judging the factor pricing – demonstrate marginal productivity theory of distribution, theory of wages, identify different types of illustrate different theories of interest and profits	UN, RE	PSO 10
Co-5	Describe the classical and Keynesian theories of interest	UN, AP	PSO 5

Second year BA Economics Syllabus Semester Paper – III

MACRO ECONOMICS- NATIONAL INCOME, EMPLOMENT AND MONEY– Semester – III

Macro Economics - National Income, Employment and Money

S.No.	Course out comes	Cognitive Level	PSO NO.
	Upon successful completion of the course a student will be able to		
Co-1	Able to understand the nature and scope of macro economics.	UN	PSO 1
Co-2	Able to understand different concepts of national income and methods to measure national income	UN, AN	PSO 4
Co-3	Able to acquire the knowledge about the classical and Keynes theories of employment.	EV	PSO 4
Co-4	Able to understand Keynes theory of consumption function and working of multiplier and accelerate principle.	UN, RE	PSO 8
Co-5	To understand the functions of money different theories of money.	UN, AP	PSO 7

Second year BA Economics Syllabus Semester Paper – IV

Macro Economics-Banking and International Trade –Semester – IV

Macro Economics-Banking and International Trade

S.No.	Course out comes	Cognitive Level	PSO NO.
	Upon successful completion of this course , students should have		
Co-1	Able to understand various of trade cycle the economic instability and course and about the inflontion	UN, RE	PSO 1 PSO 7
Co-2	Able to know functions of commercial and central banks ,	UN, EV	PSO 8

	methods of credit control .		
Co-3	Able to know about the role of non –banking financial institutions and money markets	UN, AP	PSO 1 PSO 9
Co-4	Able to know the function of SEBI and insurance	UN, RE	PSO 10
Co-5	Able to understand operation of fisical and monetary policies.	UN, AP	PSO 7

Final year BA Economics Syllabus Semester Paper – V

ECONOMIC DEVELOPMENT AND INDIAN ECONOMY – Semester –V

PAPER TITLE: - ECONOMIC DEVELOPMENT AND INDIAN ECONOMY

Economic Development and Indian Economy

S.No.	Course out comes	Cognitive Level	PSO NO.
	Upon successful completion of this course students should have able understand		
Co-1	To able to understand economic growth and development and different growth models .Horrod Domor, Adamsmith restov theory etc Karal Marks able to understand some growth models	UN	PSO 1 PSO 8
Co-2	Development theories: theories of persistence of under development –stratagies for development balanced and unbalanced growth strategy ,development with unlimited supply of labour (lewis).	AN	PSO 1 PSO 8
Co-3	Economics of natural resourses and sustainable development :- this course will help in understanding that types of natural resoureses and their exploitation	RE	PSO 1 PSO 8
Co-4	Understand the population and economic growth understand basic futures of Indian economy . trand and composition of national income and for capital income ,occupational distribution ,basic demography futures. Study poverty , inequality and unemployment ; National Income and measurement issues –the Indian situation.	EV	PSO 7
Co-5	to analyze new economic policies (privatization liberalization and globalization) in india.	AP	PSO 8 PSO 10

Final year BA Economics Syllabus Semester Paper – V

INDIAN AND ANDHRAPRADESH ECONOMY – Semester –V

SEMESTER-5

Indian and Andhra Pradesh Economy

S.No.	Course out comes	Cognitive Level	PSO NO.
	Upon successful completion of this course , students should have		
Co-1	to acquire knowledge regarding agriculture sector in India ,its trends and productivity	UN	PSO 2
Co-2	to make the students to understand about Indian industry.	AN	PSO 10
Co-3	to understand foreign direct investment and service sector in India	UN, RE	PSO 7
Co-4	they will be identifying the various objectives of Planning in India and its achievements.	EV	PSO 8
Co-5	To make students to understand about Andhra Pradesh economy and its progress	EV, AP	PSO 5

Final year BA Economics Syllabus Semester Paper –

VI AGRICULTURAL ECONOMICS – Semester –VI

AGRICULTURAL ECONOMICS

S.No.	Course out comes	Cognitive Level	PSO NO.
	On Completion of the course students are able to		
Co-1	Able to understand the nature of agricultural economics and also factory determining the agriculture.	UN	PSO 2, PSO 5
Co-2	To understand how the production principles are applicable in agriculture .	EV	PSO 2
Co-3	To know about the productivity trends in indian agriculture with special reference to Andhra Pradesh and also the agrirain reforms.	AP	PSO 2
Co-4	To know that the systems of farming and new agricultural strategies .	RE	PSO 7
Co-5	To know about the emerging trends in production, processing and marketing of agricultural products	AP	PSO 2 PSO 5

Final year BA Economics Syllabus

Paper – VI Agribusiness Environment in Andhra Pradesh

Semester –VI (Cluster Elective Paper)

Agribusiness Environment in Andhra Pradesh

S.No.	Course out comes	Cognitive Level	PSO NO.
	After successful completion of the course a student will be able to		
Co-1	the role of agriculture in the development of Andhra Pradesh state.	UN	PSO 6, PSO 5
Co-2	importance in modern agriculture, Agricultural finance and problems In A.P state.	RE	PSO 2
Co-3	various types of crops, various benefits.	AN	PSO 3
Co-4	exports and imports of major Agricultural commodities.	AN	PSO 7
Co-5	structure of agri marketing and marketing policy, marketing legislation.	AP	PSO 2, PSO 5

Final year BA Economics Syllabus Paper – VI

AGRICULTURAL OUTPUT MARKETING

in Andhra Pradesh

Semester –VI (Cluster Elective Paper)

AGRICULTURAL OUTPUT MARKETING

S.No.	Course out comes	Cognitive Level	PSO NO.
	After successful completion of the course a student will be able to		
Co-1	to know about the agri markets like primary, secondary and terminal markets, regulated and co-operative markets.	UN	PSO 1, PSO 7
Co-2	to know about the marketing finance And different types of agricultural Commodities.	AN	PSO 5
Co-3	to know about the problems and Challenges in agricultural marketings. i.e; support prices, market yards, rural warehouses	UN	PSO 2
Co-4	to know about the role of various agencies like FCI, tobacco board etc.	AN	PSO 7
Co-5	to know about the international trade regarding exports and imports	RE	PSO 5

Final year BA Economics Syllabus Paper – VI

PROJECT WORK

Weekly 5 Hours, Credits - 4

Semester –VI (Cluster Elective Paper)

PROJECT WORK

**AG & SG SIDDHARTHA DEGREE COLLEGE OF ARTS & SCIENCE
(AUTONOMOUS) VUYYURU.**

DEPARTMENT OF HISTORY

S No.	Programme Specific Outcomes Upon completion of BA Degree Programme with History combination the graduates will be able to:
-------	---

S No.	Programme Outcomes Upon completion of BA Degree Programme with History combination the graduates will be able to:
PO-1	Student will be able to acquire historical knowledge, depth in terms of content and chronology of contents.
PO-2	Student will be able to distinguish between Primary and Secondary Sources to study of history and understand how to make use of them.
PO-3	Student should possess effective communication skills to deliver presentations to a variety of audiences.
PO-4	Student should understand the basic skills and tools of historical writings and analysis.
PO-5	Students apply a biblical philosophy of history to their analysis of social, political, religious, cultural, economic issues.
PO-6	Student should recognise values and ethical standards in every walk of life

PSO-1	To understand the History of People and societies like religious, customs institution Administration.
PSO-2	To create an awareness of different political cultural social and economic structures in the past and their Interrelationship.
PSO-3	Analyze relationship between the past and the present is lively presented in the history.
PSO-4	To prepare students for future study employability and responsible citizenship. a) Further study-post graduate in history, B.Ed, M.Phil, Ph.D b) Employability – Archaeologists, Historians, UPSC- jobs APPSC-Jobs, Teachers, NGO's Travel and Tourism experts.
PSO-5	To develop interest in the study of History and activities, skills relating to history. a) Draw historical Maps, Charts b) Collect ancient arts, coins c) Visit Archaeological sites, Museums, archives and Historical important places. d) To take active role in activities of historical organizations.
PSO-6	Empowering students in the historical research and to write articles on historical topics.
PSO-7	Inculcate moral and ethical values among students.
PSO-8	To install the feeling of patriotism among the students.
PSO-9	To orient student to become perfect social being.

Ancient Indian History & Culture (From Earliest times to 600 AD)

SEM-I

CO No.	Course Outcomes	Cognitive Level	PSO No.
1	To understand the sources of various periods to reconstruct Indian History –Identify geographical features of India.	Un	3
2	Describe Prehistory – Proto to history – analyse early human settlements- Indus valley civilization.	An	2
3	Understand the Mouryan Administration art and architecture.	Un	5,6
4	To Describe the Socio-Economic conditions of Kushanas, satavahanas, and Sangam Age.	An	1,2
5	Identify the Guptas period as golden Age all round development – Nalanda University.	R	5

Early Medieval Indian History & Culture (From 600to 1526 A.D)

Semester II

CO No.	Course Outcomes	Cognitive Level	PSO No.
1	Evaluate the contribution of pushyabuthi dynasty.	E	2,3
2	Understand the Socio-Economic conditions of Badami and VengiChalukyans- their contribution to Art and Literature.	Ap	2
3	Identify the contribution of pallavas to Art and Architecture- Understand the local administration of Cholas.	Ap	3
4	Examine the Arab conquests of Sindh and battle of Tarain understands the foundation of the Delhi sultanate and administration.	E	5
5	To discuss the Bhakti movement- Identify cultural synthesis.	Ap	7

TITLE OF THE PAPER: MODERN INDIAN HISTORY & CULTURE (1764-1947 A. D)

Semester: – III

Learning Outcomes:

After successful completion of this course, the student will be able to:

- 1.To understand about the Socio-religious reform movement in 19th C. and self respect movements.
- 2.Realise the Lord Rippons local self government and Lord Curzon policy.
- 3.Establishment of Indian National congress and state the role of moderate and extremists.
- 4.Understand the Gandhi role in Indian National movementcomparison of Nationalist movement pre Gandhi – past Gandhi era.
5. Asses the partition of India and Integration of Native states into Indian union.

Social Reforms and Freedom struggle in India (From 1820-1947)

Semester IV

CO No.	Course Outcomes	Cognitive Level	PSO No.
1	To understand about the Socio-religious reform movement in 19 th C. and self respect movements.	Un	1
2	Realise the Lord Rippons local self government and Lord Curzon policy.	An, E	4
3	Establishment of Indian National congress and state the role of moderate and extremists.	E	2
4	Understand the Gandhi role in Indian National movementcomparison of Nationalist movement pre Gandhi – past Gandhi era.	Ap	4,9
5	Asses the partition of India and Integration of Native states into Indian union.	Un, E	1

Age of Rationalism and Humanism- the world between 15th& 18th Centuries.

Semester V

CO No.	Course Outcomes	Cognitive Level	PSO No.
1	Describe the geographical discoveries-feudalism.	R	1
2	Assess the causes and effects of Renaissance, Reformation and Counter Reformation movements.	Un, E	2
3	Narrate the emergence of National states and Glorious Revolution.	Un	4
4	Assess the causes and effects of American Revolution.	Un, R	2
5	Realize the causes and results of French revolution and the revolution gave Liberty, Fraternity, and Equality.	Un, Ap	9,7

History & Culture of Andhra Desa(From 12th to 19th C. AD)

Semester V

CO No.	Course Outcomes	Cognitive Level	PSO No.
1	To understand the Socio-Economic and cultural condition of Andhra during Kakatiyas rule	Un	2
2	Identity the contribution of Vijayanagara rulers to Art and Architecture, literature and greatness of SrikrishnaDevaraya	Ap	1
3	To narrate the Socio –Economic condition Andhras during the Qutubshahi rule and their Administration	R	2,5
4	Describe the advent of Europeans in Andhra	Un, E	4
5	Evaluate the establishment of British rule in Andhra and 1857 revolt.	R	4

History of Modern Europe (from 19th Century to 1945 A.D)

Semester VI

CO No.	Course Outcomes	Cognitive Level	PSO No.
1	Realize the causes and results of Industrial revolution	Un	4
2	To understand the efforts of Bismark for the Unification of Germany andMazini, Count covour Garibaldi. For the unification of Italy.	An, E	2,8
3	To understand the causes and results for the I st world war and formation of league of Nations.	R	4
4	Examine the Nazism and Fascism in Germany and Italy.	E	3
5	Understand the causes and results of Second World War and establishment of UNO.	Un	4

Popular Movements in Andhra Desa (1848-1956 AD)
Semester VI

CO No.	Course Outcomes	Cognitive Level	PSO No.
1	To understand the Social Reform Movement and Self Respect movements in Andhra Desa.	Un, Ap	6
2	To describe the Freedom Movement in Andhra Desa	E	4
3	To Identify the role of Andhra in Freedom Movement	Un	4
4	Examine the movement for separate Andhra State.	E	4
5	Narrate the Formation of Andhra Pradesh in 1956.	An	3

Contemporary History of Andhra Pradesh (1956-2014 AD)
Semester VI

CO No.	Course Outcomes	Cognitive Level	PSO No.
1	To understand the Socio-Economic changes in Andhra Pradesh and emergence of Telugu Desam Party	Un	2
2	To Evaluate the Leftist activities and present status of Communists in Andhra Pradesh	E	1
3	Examine the Dalit Movements in Andhra Pradesh	An, E	8
4	Realize the Jai Telangana, Jai Andhra movements in Andhra State	Un, E	8
5	Assess the causes for the Formation of TelanganaRashtraSamithi and Bifurcation of Andhra Pradesh in 2014.	An, E	7,8

AG & SG SIDDHARTHA DEGREE COLLEGE OF ARTS & SCIENCE VUYYYURU

(AUTONOMOUS)

(MANAGED BY SIDDHARTHA ACADEMY OF GENERAL & TECHNICAL EDUCATION VIJAYAWADA)

Programme: B.com General

Programme Specific Outcomes (PSO)

PSO1. Getting the knowledge and the importance of accounting and auditing Standards for the reliability of financial statements.

PSO2 Interpret the legal and environmental aspects of business and Analyze quantitative data in order to take business decisions

PSO3. Empowering the student to understand the accounting practices and Procedures followed by different business entities.

PSO4. Promising the Practical skills for a bright career as accounting officers, computer professionals, audit assistants, businessmen, entrepreneurs, managers with required knowledge in computers.

PSO5. Knowledge of major theories and models in key areas which motivate them to pursue higher studies / face competitive exams like SSC,P.C,BANK,R.R.B/ professional courses like CA,CS, ICWA and other courses.

Programme outcomes (Pos)

PO1. Critical Thinking: Knowledgeable in the core disciplines of Commerce, Economics and Business through a number of specializations and practical exposure enables them to face the challenges in the field of Commerce

PO2. Effective Communication: Demonstrate proficiency in communicating competently in groups and organizations in English and in one Indian language,

PO3. Effective Citizenship: Ability to act with an informed awareness of issues and participate in civic life through volunteering.

PO4. Value-based development: Recognize values such as justice, trust, equity, fairness, kindness and, understand the moral Dimensions of your decisions, and accept responsibility for them.

PO5. Environment and Sustainability: Understand the issues of environmental contexts and Sustainable development.

PO6. Self-directed and Life-long Learning: promoting continuous development and improvement of the knowledge and skills needed for employment and personal fulfilment

AG & SG SIDDHARTHA DEGREE COLLEGE OF ARTS & SCIENCE VUYYURU

(AUTONOMOUS)

(MANAGED BY SIDDHARTHA ACADEMY OF GENERAL & TECHNICAL EDUCATION VIJAYAWADA)

Commerce	CACC -101G/C C	2021-2022	<i>I.B.Com(gen)</i>
----------	----------------	-----------	---------------------

SEMESTER – I

Fundamentals of Accounting – I

OBJECTIVE:-

1. To make the students acquire the conceptual knowledge of accounting.
2. To equip the students with the knowledge of accounting process and preparation of organisation's finalAccounts for a specific period.

Course outcomes:

CO1 - Student acquire conceptual knowledge in financial accounting and to impart skills to develop a working vocabulary of accounting terminology.

CO 2 –Students will develop the ability to prepare subsidiary books and different types of cash book including petty cash book

CO3-Students will acquire the reason for differences and their emergence in bank statements of any Organization.

CO 4- Grasp the accounting treatment in issue of negotiable instruments and also learn the techniques of accounting to bills

CO 5- Students will develop the ability to organize the complex data of accounts to solve the problem in preparation of final books of accounts.

AG & SG SIDDHARTHA DEGREE COLLEGE OF ARTS & SCIENCE VUYYURU

(AUTONOMOUS)

(MANAGED BY SIDDHARTHA ACADEMY OF GENERAL & TECHNICAL EDUCATION VIJAYAWADA)

Commerce	CBO-102G/C	2021-2022	<i>I.B.Com(gen)</i>
----------	------------	-----------	---------------------

SEMESTER – I

Business Organization

Objectives:

- Describe the difference among trade, commerce and industry
- To make the students acquire the conceptual knowledge of different types business organisations

Course outcomes:

CO1: To understand the basic concepts in Commerce, trade and industry and enable to expose to the modern business world.

CO2: Enable to identify the role of an entrepreneur in developing a new venture.

CO3: To understand the nature, purpose and importance of different types of organizations.

CO4: To familiarize the students with the fundamentals of Joint Stock Company as per Companies Act, 2013.

CO5: To acquaint with incorporation stages and to create awareness on documentation.

AG & SG SIDDHARTHA DEGREE COLLEGE OF ARTS & SCIENCE VUYYURU

(AUTONOMOUS)

(MANAGED BY SIDDHARTHA ACADEMY OF GENERAL & TECHNICAL EDUCATION VIJAYAWADA)

Commerce	CBEN -201G C	2021-2022	<i>I.B.Com(gen)</i>
----------	--------------	-----------	---------------------

SEMESTER – I

BUSINESSENVIRONMENT

Objective:

1. This course develops the ability to understand and scan the business Environment and analyse opportunities and take decisions under uncertainty.
2. Students able to understand various economic policies, structure and importance of union budgets and legal aspect regarding companies act 2013

Course outcomes:

CO1: Understand how an entity systematically explores the external environment in which business operates.

CO2: To enlighten/familiarize the impact of economic growth and economic Development on businesses.

CO3: To acquire specialized knowledge relating to economic development and economic planning in India.

CO4: To familiarize with various economic policies, structure and importance of union budgets.

CO5: To enlighten about legal, social, political and ethical environment of business.

AG & SG SIDDHARTHA DEGREE COLLEGE OF ARTS & SCIENCE VUYYURU

(AUTONOMOUS)

(MANAGED BY SIDDHARTHA ACADEMY OF GENERAL & TECHNICAL EDUCATION VIJAYAWADA)

Commerce	CACC -201G/C C	2021-2022	<i>I.B.Com(gen)</i>
----------	----------------	-----------	---------------------

SEMESTER – II

FUNDAMENTALS OF ACCOUNTING –II

OBJECTIVE:-

- 1.To make the students acquire the knowledge in special type of
2. Transactions and also the importance of negotiable instruments

Course outcomes:

CO 1: Able to discuss and describe various methods of depreciation and valuation of depreciation to depreciable assets.

CO 2 Able to discuss and describe different types of reserves and provisions and give accounting treatment for reserves and provisions in final accounts

CO 3 Grasp the accounting treatment in issue of negotiable instruments and also learn the techniques of accounting to bills

CO 4 Gain an understanding with regard to special transactions related to accounting for consignment.

CO 5 Gain the knowledge with regard to special transactions relating to joint Venture business.

AG & SG SIDDHARTHA DEGREE COLLEGE OF ARTS & SCIENCE VUYYURU

(AUTONOMOUS)

(MANAGED BY SIDDHARTHA ACADEMY OF GENERAL & TECHNICAL EDUCATION VIJAYAWADA)

Commerce	BE-202G/C C	2021-2022	<i>I.B.Com(gen)</i>
----------	-------------	-----------	---------------------

SEMESTER – II

Business Economics

Learning Outcomes:

At the end of the course, the student will able to;

CO 1: Describe the nature of economics in dealing with the issues of scarcity of resources.

CO 2: Analyze supply and demand analysis and its impact on consumer behaviour

CO 3: Evaluate the factors, such as production and costs affecting firms behaviour

CO 4: Recognize market failure and the role of government in dealing with those failures

CO 5: Apply economic models for managerial problems, identify their relationships, and formulate the decision making tools to be applied for business.

Commerce	CBTP-203G/C	2021-2022	I.B.Com(gen)
----------	-------------	-----------	--------------

SEMESTER –II

SYLLABUS

Banking Theory & Practice

Objective:

1. To impart knowledge in banking and financial services and update the innovations of the current banking system like E-Banking advancements.
2. To equip the students with the knowledge of Reserve Bank, Narbad and KYC norms
3. To provide and enable the students with the basic knowledge relating to general and special relationship between Banker and Customer

COURSE OUTCOMES:

CO1: To understand the importance of commercial banking and the operations and structure of different financial institutions. To familiarize the students with regard of Organization working and importance of RBI

CO2: To train and equip with the skills in banking and financial services and Innovations of the current banking systems like e-banking advancements

CO3: To familiarize the students with regard to working and importance of Regional Rural Bank and NABARD

CO4: To know about the general and special relationship between Banker and Customer and KYC norms.

CO5: To get knowledge about Duties & Responsibilities of Collecting Banker and Responsibilities of Paying Banker - Payment Gateways.

AG & SG SIDDHARTHA DEGREE COLLEGE OF ARTS & SCIENCE VUYYURU

(AUTONOMOUS)

(MANAGED BY SIDDHARTHA ACADEMY OF GENERAL & TECHNICAL EDUCATION VIJAYAWADA)

Commerce	CCA-301G/C C	2021-2022	<i>II.B.Com(gen)</i>
----------	--------------	-----------	----------------------

SEMESTER – III

Corporate Accounting

Objectives:

1. To make the students acquire the knowledge in special type of transactions and also the importance of company accounting.
2. To make the students acquire the knowledge about companies' act 2013.
3. To equip the students with the knowledge of accounting process and preparation of final accounts.

COURSE OUTCOMES:

CO1: The students will have a good command on issue of shares and also forfeiture and reissue of shares.

CO2: The students will be able to know how to allocate the expenses and incomes prior to incorporation and after incorporation.

CO3: The students will be able to learn various methods for valuation of goodwill and shares.

CO4: The students will be able to know how to prepare profit and loss and balance sheet as per companies' act 2013.

CO5: The students will acquire knowledge regarding rules and regulations of companies' act 2013.

AG & SG SIDDHARTHA DEGREE COLLEGE OF ARTS & SCIENCE VUYYURU

(AUTONOMOUS)

(MANAGED BY SIDDHARTHA ACADEMY OF GENERAL & TECHNICAL EDUCATION VIJAYAWADA)

Commerce	CBS -302G/C C	2021-2022	<i>II.B.Com(gen)</i>
----------	---------------	-----------	----------------------

SEMESTER – III

Business Statistics

Objective:

- 1.The objective of this course is to impart knowledge on the application of Statistical tools and techniques in business decision making.
2. To make the students acquire the knowledge of Design, evaluate and apply correlation analysis

COURSE OUTCOMES

CO1- Describe the structure and characteristics of statistical data. able to present the data with diagrams

CO2- Calculate and interpret measures of central tendency and variability in statistical data.

CO3- Calculate and interpret measures of dispersion and skewness

CO4- Design, evaluate and apply correlation analysis.

CO5- To study the past behaviour of data and measure the effect of changes over the period of time.

AG & SG SIDDHARTHA DEGREE COLLEGE OF ARTS & SCIENCE VUYYURU

(AUTONOMOUS)

(MANAGED BY SIDDHARTHA ACADEMY OF GENERAL & TECHNICAL EDUCATION VIJAYAWADA)

Commerce	CBTP -303G C	2021-2022	<i>II.B.Com(gen)</i>
----------	--------------	-----------	----------------------

SEMESTER –III

Banking Theory & Practice

Objective:

- 1).To impart knowledge in banking and financial services and update the innovations of the current banking system like E-Banking advancements.
- 2).To equip the students with the knowledge of Reserve Bank,Narbad and KYC norms
- 3) To provide and enable the students with the basic knowledge relating to general and special relationship between Banker and Customer

COURSE OUTCOMES:

CO1: To understand the importance of commercial banking and the operations and structure of different financial institutions. To familiarize the students with regard of Organization working and importance of RBI

CO2: To train and equip with the skills in banking and financial services and Innovations of the current banking systems like e-banking advancements

CO3: To familiarize the students with regard to working and importance of Regional Rural Bank and NABARD

CO4: To know about the general and special relationship between Banker and Customer and KYC norms.

CO5: To get knowledge about Duties & Responsibilities of Collecting Banker and Responsibilities of Paying Banker - Payment Gateways.

AG & SG SIDDHARTHA DEGREE COLLEGE OF ARTS & SCIENCE VUYYURU

(AUTONOMOUS)

(MANAGED BY SIDDHARTHA ACADEMY OF GENERAL & TECHNICAL EDUCATION VIJAYAWADA)

Commerce	CASO -401G C	2021-2022	<i>II.B.Com(gen)</i>
----------	--------------	-----------	----------------------

SEMESTER – IV

ACCOUNTING FOR SERVICE ORGANISATION

Objectives:

1. To enable the students to understand company (Non profit organizations) as per Sec (8) of Companies Act 2013 and prepare its final accounts
2. To provide and enable the students with the basic knowledge relating to the electricity, bank, and Insurance Companies its typical terms and prepare financial statements of accounts

COURSE OUTCOMES:

CO1: The students will acquire knowledge about non-profit organizations and how to prepare financial statements of non- profit organizations.

CO2: The students will be able to prepare financial statements electricity companies.

CO3: The students will be able to prepare financial statements banking companies.

CO4: The students will be able to know how to ascertain the profit of Life insurance companies and to prepare valuation balance sheet.

CO5: The students will be able to know how to ascertain the profit of General insurance companies and to calculate reserve for unexpired risks.

AG & SG SIDDHARTHA DEGREE COLLEGE OF ARTS & SCIENCE VUYYURU

(AUTONOMOUS)

(MANAGED BY SIDDHARTHA ACADEMY OF GENERAL & TECHNICAL EDUCATION VIJAYAWADA)

Commerce	CTAX -402G C	2021-2022	<i>II.B.Com(gen)</i>
----------	--------------	-----------	----------------------

SEMESTER –IV

Income Tax

OBJECTIVES:

1. To Impart knowledge of the concepts, principles, and rules of taxation of individuals and Agricultural Income
- 2.To provide and enable the students with the basic knowledge of Computation of total income of an individual
3. Recognize tax planning opportunities and recommend appropriate tax-saving strategies for decision making

COURSE OUTCOMES:

- CO1 :**Impact knowledge on the provisions of income tax law and practice Acquire Knowledge about Income exempt from tax and residential status of an individual
- CO2:** Enlist the ability of provisions of Income from salary and its deductions u/s 80c
- CO3:** The student can build an idea about Income from house property and its taxability
- CO4:** The student can acquire knowledge in calculation of capital gain and income from Other sources
- CO5:** The student can acquire knowledge in calculation of Computation of total income of an Individual

AG & SG SIDDHARTHA DEGREE COLLEGE OF ARTS & SCIENCE VUYYURU

(AUTONOMOUS)

(MANAGED BY SIDDHARTHA ACADEMY OF GENERAL & TECHNICAL EDUCATION VIJAYAWADA)

Commerce	CBL -403G/C C	2021-2022	<i>II.B.Com(gen)</i>
----------	---------------	-----------	----------------------

SEMESTER – IV

BUSINESS LAWS

Objective:

To make the students learn the basics of business laws and apply them in real life Situation

COURSE OUTCOMES:

CO1 – Impacts the students in acquiring the basic knowledge regarding contracts in business.

and impact of it to “QUID-PRO-QUO” for the enforceability of the contract

CO2 –Students will have clarity on competency of persons, modes of discharge of contract, analyzing and approaching to remedies in times of breach of contract.

CO3-Studentswillgets knowledge in law and procedure relating to sale of goods in Indian context.

CO4-Students are able to acquire knowledge in law and procedure relating to consumer rights

CO5- Students will get knowledge in new dimensions in business Organisation relating to cyber laws

AG & SG SIDDHARTHA DEGREE COLLEGE OF ARTS & SCIENCE VUYYURU

(AUTONOMOUS)

(MANAGED BY SIDDHARTHA ACADEMY OF GENERAL & TECHNICAL EDUCATION VIJAYAWADA)

Commerce	CBLP -501G/C C	2021-2022	<i>III.B.Com(gen)</i>
----------	----------------	-----------	-----------------------

SEMESTER – V

BUSINESS LEADERSHIP

OBJECTIVES: To make the students acquire the knowledge in leadership

To impart leadership skills among the students

COURSE OUTCOMES:

CO1: Students able to learn leadership skills

CO2: students impart knowledge about leadership in organisations.

CO3: students can build an idea about familiar business persons

AG & SG SIDDHARTHA DEGREE COLLEGE OF ARTS & SCIENCE VUYYURU

(AUTONOMOUS)

(MANAGED BY SIDDHARTHA ACADEMY OF GENERAL & TECHNICAL EDUCATION VIJAYAWADA)

Commerce	CCOA -502G/C C	2021-2022	<i>I.B.Com(gen)</i>
----------	----------------	-----------	---------------------

SEMESTER – V

Cost Accounting

Objective:

1. To understand the basic concepts and process used determine product costs,
2. To be able to interpret cost accounting statements, and evaluate information for cost ascertainment planning, control and decision making

COURSE OUTCOMES

CO1: Impart knowledge on the fundamental concept of cost accounting.

CO2: Comprehend the knowledge in effective control of raw materials and work in progress.

CO3: Build an idea about incentive plans based on production and cost savings.

CO4- C04: Familiarize the students about the production progress with the help of departmental manager.

CO5- Students will understand the profit making decisions in complex situations of any business Organisation.

AG & SG SIDDHARTHA DEGREE COLLEGE OF ARTS & SCIENCE VUYYURU

(AUTONOMOUS)

(MANAGED BY SIDDHARTHA ACADEMY OF GENERAL & TECHNICAL EDUCATION VIJAYAWADA)

Commerce	CGST -503G C	2021-2022	<i>III.B.Com(gen)</i>
----------	--------------	-----------	-----------------------

SEMESTER –V

GOODS &SERVICE TAX FUNDAMENTALS

Objectives:

1. Demonstrate knowledge of the concepts, principles, and models of goods &service tax
2. To equip the students with the knowledge of laying rules regulations and notifications in GST council
3. To provide and enable the students with the basic knowledge of Input tax credit

COURSE OUTCOMES:

CO1: Impact knowledge on the Overview of GST and Justification for Introduction of GST andacquire knowledge about Constitutional Amendments in GST

CO2: Students get knowledge about GST Principles and Models of GST Austrlian, Candian; the student can build an idea about Comprehensive Structure of GST model in India

CO3:The student will be able to understand Taxes and Duties under GST and also Taxation of services and Tax on Petroleum products

CO4:The student can build an ideaabout IGST Model and also Transactions within a State under GST

CO5:Students get knowledge aboutValue of Supply - Input Tax Credit and Distribution of Credit, Matching of Input Tax Credit

AG & SG SIDDHARTHA DEGREE COLLEGE OF ARTS & SCIENCE VUYYURU

(AUTONOMOUS)

(MANAGED BY SIDDHARTHA ACADEMY OF GENERAL & TECHNICAL EDUCATION VIJAYAWADA)

Commerce	C C G -505G/C C	2021-2022	<i>III.B.Com(gen)</i>
----------	-----------------	-----------	-----------------------

SEMESTER – V

Commercial Geography

OBJECTIVES:

To identify the early commercial activities in the world reflecting different occupations in various environments.

To note, shift and change from primitive activities, and to understand the different stages of agricultural development.

COURSE OUTCOMES:

CO1 Understand the importance of early commercial activities in the world reflecting different occupations in various environments.

CO2 Explain different stages of agricultural development using additional OE resources available in the internet using modern ICT tools.

CO3 Respond to the changes involved in the Indian forests and need for protection of forests and Forests Conservation Act.

CO4 Know different types of minerals India and mining and their uses.

CO5 Examine Indian water resources, Interlinking of Rivers India and Experience of India and Andhra Pradesh.

AG & SG SIDDHARTHA DEGREE COLLEGE OF ARTS & SCIENCE VUYYURU

(AUTONOMOUS)

(MANAGED BY SIDDHARTHA ACADEMY OF GENERAL & TECHNICAL EDUCATION VIJAYAWADA)

Commerce	CCB-505CE G/C	2021-2022	<i>III.B.Com(gen)</i>
----------	---------------	-----------	-----------------------

SEMESTER – V

Central banking

Objective:

To acquire basic knowledge about central bank functions and role of RBI in India

COURSE OUTCOMES

CO1: Students are able to impart concepts of central banking

C02: Understand the role of RBI in India

C03 Students can learn about policies issued by RBI.

C04: Students will acquire the knowledge about RBI mechanism to control inflation

C05: Students are able to learn norms issued by RBI

AG & SG SIDDHARTHA DEGREE COLLEGE OF ARTS & SCIENCE VUYYURU

(AUTONOMOUS)

(MANAGED BY SIDDHARTHA ACADEMY OF GENERAL & TECHNICAL EDUCATION VIJAYAWADA)

Commerce	CRC-506 CE G/C	2021-2022	<i>I.B.Com(gen)</i>
----------	----------------	-----------	---------------------

SEMESTER – V

Rural and farm credit

Objective:

To acquire basic knowledge about rural development and empowerment of farming community by banks,

Students are able to solve simple problems through case study of Farm Credit

COURSE OUTCOMES:

CO1: Students are able to impart knowledge about concepts of rural credit

C02: Students are able to impart knowledge about rural credit agencies

C03 Students can acquire knowledge problems and remedies of Farm Credit

C04: Students are able to impart knowledge about sources of farm credit

C05: Students are able to learn norms issued by RBI

AG & SG SIDDHARTHA DEGREE COLLEGE OF ARTS & SCIENCE VUYYURU

(AUTONOMOUS)

(MANAGED BY SIDDHARTHA ACADEMY OF GENERAL & TECHNICAL EDUCATION VIJAYAWADA)

Commerce	CEM-601 G/C C	2021-2022	<i>III.B.Com(gen)</i>
----------	---------------	-----------	-----------------------

SEMESTER-VI

Event management

OBJECTIVES: identifying events and determining corresponding control measures that events can be programmed in such a way that operational information is transferred

Develop and implement financial initiatives based on event objectives through methods such as sponsorship programs, grant applications, and fundraising initiatives. Plan, design, and coordinate effective site and facility operations.

COURSE OUTCOMES

CO1. Identify the needs of customers for organizing a corporate event and understand the types of Events.

CO2: Examine various types of Outdoor events and Managing the risk in the events. Relate Marketing management, Human Resource Management to Event Management

CO3: Students able to organize Shows, fashion shows, high profile charity events.

AG & SG SIDDHARTHA DEGREE COLLEGE OF ARTS & SCIENCE VUYYURU

(AUTONOMOUS)

(MANAGED BY SIDDHARTHA ACADEMY OF GENERAL & TECHNICAL EDUCATION VIJAYAWADA)

Commerce	CM-602G/C C	2021-2022	<i>III.B.Com(gen)</i>
----------	-------------	-----------	-----------------------

SEMESTER-VI

Marketing

Objective:1.To acquire knowledge on marketing concepts, 7P's, to build applicable skills through variety internship opportunities

2. Student will gain understanding of consumer buyer behaviour, pricing strategies and ethical concept of marketing

COURSE OUTCOMES

CO1: To introduce the concepts of marketing and understand the factors influence the market environment.

C02: Analyze the consumer market models and enlightens consumer buyer behaviour models.

C03: Understand the concept of product and identify the need of product mix and product line decisions.

C04: Develop an idea about pricing strategies and pricing decisions.

C05: Enhance the students about decisions regarding promotion and distribution channels.

AG & SG SIDDHARTHA DEGREE COLLEGE OF ARTS & SCIENCE VUYYURU

(AUTONOMOUS)

(MANAGED BY SIDDHARTHA ACADEMY OF GENERAL & TECHNICAL EDUCATION VIJAYAWADA)

Commerce	CAU-603 G/C C	2021-2022	<i>III.B.Com(gen)</i>
----------	---------------	-----------	-----------------------

SEMESTER –VI

Auditing

OBJECTIVES:

1. To impart knowledge pertaining to basic concepts of auditing.
2. To make the students learn the basics of rights and duties regarding auditing and audit report.
3. To acquaint oneself with auditing procedure.

COURSE OUTCOMES

CO1: Students will develop the knowledge & importance of auditing and accounting Of any Organisation and Role of Auditor in checking corporate frauds.

CO2: Students will have the ability of understanding the applicability of auditing types for different organizations

CO3: Students will have knowledge in planning the effectiveness of auditing and also internal check, internal audit and internal control.

CO4; Students will have proper understanding of the requirements of documentary evidence for the completion of Vouching and Investigation.

CO5: Students will have the knowledge in Company Audit and Auditors Report

AG & SG SIDDHARTHA DEGREE COLLEGE OF ARTS & SCIENCE VUYYURU

(AUTONOMOUS)

(MANAGED BY SIDDHARTHA ACADEMY OF GENERAL & TECHNICAL EDUCATION VIJAYAWADA)

Commerce	CMA-604 G/C C	2021-2022	<i>III.B.Com(gen)</i>
----------	---------------	-----------	-----------------------

SEMESTER-VI

MANAGEMENT ACCOUNTING

Objective:

To acquire knowledge about management accounting its applications, ratios and CVP analysis.

To acquire knowledge about preparation of various financial statements

COURSE OUTCOMES

CO1 – Students will critically understanding the financial and management accounting importance in understanding the business operations using different tools

CO2 – Students will understand the importance of changes of working capital for any Organisation and analysing the flow of fund

CO3 – Students will critically understanding the cash and fund flow concept and impact of cash flow on business operations

CO4 - Students will have the ability of assessing the solvency and profitability of any Organisation

CO5- Students will understand the profit making decisions in complex situations of any business Organisation

AG & SG SIDDHARTHA DEGREE COLLEGE OF ARTS & SCIENCE VUYYURU

(AUTONOMOUS)

(MANAGED BY SIDDHARTHA ACADEMY OF GENERAL & TECHNICAL EDUCATION VIJAYAWADA)

Commerce	CFS-605 CE G/C	2021-2022	<i>III.B.Com(gen)</i>
----------	----------------	-----------	-----------------------

SEMESTER-VI

FINANCIAL SERVICES

Objective:

To acquire knowledge about various financial services offered by banking and non-banking companies

Students will develop an idea of recent trends in financial services

COURSE OUTCOMES

CO1 – Students can impart knowledge about various financial services offered by banking and non-banking companies

CO2 – Students can understand various merchant banking services

CO3 – To know emergence and development of financial services in leasing and hire-purchase

CO4 – Students will acquire the knowledge of various credit rating agencies and concept of mutual funds

CO5- To understand the various financial services and their future

AG & SG SIDDHARTHA DEGREE COLLEGE OF ARTS & SCIENCE VUYYURU

(AUTONOMOUS)

(MANAGED BY SIDDHARTHA ACADEMY OF GENERAL & TECHNICAL EDUCATION VIJAYAWADA)

Commerce	CMFS-606 CE G/C	2021-2022	<i>III.B.Com(gen)</i>
----------	-----------------	-----------	-----------------------

SEMESTER-VI

MARKETING OF FINANCIAL SERVICES

Objectives:

To acquire knowledge about various financial services offered by banking and non-banking companies

Students are able to learn basic concepts in marketing of financial services and environment

COURSE OUTCOMES :

CO1 – Students are able to learn basic concepts in marketing of financial services

CO2 – Students are able to learn the concepts of service environment

CO3 – Students are able to impart knowledge about pricing strategies and promotion strategies

CO4 – Students can impart knowledge regarding promotion and distribution

CO5 – Students can impart knowledge about various retail financial services

AG & SG SIDDHARTHA DEGREE COLLEGE OF ARTS & SCIENCE VUYYURU

(AUTONOMOUS)

(MANAGED BY SIDDHARTHA ACADEMY OF GENERAL & TECHNICAL EDUCATION VIJAYAWADA)

Programme: B.com Computer.,

Programme Specific Outcomes (PSO)

PSO1. Getting the knowledge and the importance of accounting and auditing Standards for the reliability of financial statements.

PSO2 Interpret the legal and environmental aspects of business and Analyze quantitative data in order to take business decisions

PSO3. Empowering the student to understand the accounting practices and Procedures followed by different business entities.

PSO4. Promising the Practical skills for a bright career as accounting officers, computer professionals, audit assistants, businessmen, entrepreneurs, managers with required knowledge in computers.

PSO5. Knowledge of major theories and models in key areas which motivate them to pursue higher studies / face competitive exams like SSC,P.C,BANK,R.R.B/ professional courses like CA,CS, ICWA and other courses.

Programme outcomes (Pos)

PO1. Critical Thinking: Knowledgeable in the core disciplines of Commerce, Economics and Business through a number of specializations and practical exposure enables them to face the challenges in the field of Commerce

PO2. Effective Communication: Demonstrate proficiency in communicating competently in groups and organizations in English and in one Indian language,

PO3. Effective Citizenship: Ability to act with an informed awareness of issues and participate in civic life through volunteering.

PO4. Value- based development: Recognize values such as justice, trust, equity, fairness, kindness and, understand the moral Dimensions of your decisions, and accept responsibility for them.

PO5. Environment and Sustainability: Understand the issues of environmental contexts and Sustainable development.

PO6. Self-directed and Life-long Learning:promoting continuous development and improvement of the knowledge and skills needed for employment and personal fulfilment

AG & SG SIDDHARTHA DEGREE COLLEGE OF ARTS & SCIENCE VUYYURU

(AUTONOMOUS)

(MANAGED BY SIDDHARTHA ACADEMY OF GENERAL & TECHNICAL EDUCATION VIJAYAWADA)

Commerce	CACC -101G/C C	2021-2022	<i>I.B.Com(comp)</i>
----------	----------------	-----------	----------------------

SEMESTER – I

Fundamentals of Accounting – I

OBJECTIVE:-

1. To make the students acquire the conceptual knowledge of accounting.
2. To equip the students with the knowledge of accounting process and preparation of organisation's finalAccounts for a specific period.

Course outcomes:

CO1 - Student acquire conceptual knowledge in financial accounting and to impart skills to develop a working vocabulary of accounting terminology.

CO 2 –Students will develop the ability to prepare subsidiary books and different types of cash book including petty cash book

CO3-Students will acquire the reason for differences and their emergence in bank statements of any Organization.

CO 4- Grasp the accounting treatment in issue of negotiable instruments and also learn the techniques of accounting to bills

CO 5- Students will develop the ability to organize the complex data of accounts to solve the problem in preparation of final books of accounts.

AG & SG SIDDHARTHA DEGREE COLLEGE OF ARTS & SCIENCE VUYYURU

(AUTONOMOUS)

(MANAGED BY SIDDHARTHA ACADEMY OF GENERAL & TECHNICAL EDUCATION VIJAYAWADA)

Commerce	CBOM -102C C	2021-2022	<i>I.B.Com(comp)</i>
----------	--------------	-----------	----------------------

SEMESTER – I

BUSINESS ORGANISATION AND MANAGEMENT

Objectives:

- Describe the difference among trade, commerce and industry
- To make the students acquire the conceptual knowledge of different types business organisations
- To make the students acquire the knowledge of management and Management role in the organisation

Course outcomes:

CO1: To understand the basic concepts in Commerce, trade and industry and enable to expose to the modern business world.

CO2: To understand the nature, purpose and importance of different types of organizations.

CO3: To familiarize the students with the fundamentals of Joint Stock Company as per Companies Act, 2013

CO4: To understand the basic concepts of management and Management role in the organisation

CO5: Understand the concept of product and identify the need of product mix and product line decisions.

AG & SG SIDDHARTHA DEGREE COLLEGE OF ARTS & SCIENCE VUYYURU

(AUTONOMOUS)

(MANAGED BY SIDDHARTHA ACADEMY OF GENERAL & TECHNICAL EDUCATION VIJAYAWADA)

Commerce	CACC -201G/C C	2021-2022	<i>I.B.Com(comp)</i>
----------	----------------	-----------	----------------------

SEMESTER – II

FUNDAMENTALS OF ACCOUNTING –II

OBJECTIVE:-

- 1.To make the students acquire the knowledge in special type of
2. Transactions and also the importance of negotiable instruments

Course outcomes:

CO 1: Able to discuss and describe various methods of depreciation and valuation of depreciation to depreciable assets.

CO 2 Able to discuss and describe different types of reserves and provisions and give accounting treatment for reserves and provisions in final accounts

CO 3 Grasp the accounting treatment in issue of negotiable instruments and also learn the techniques of accounting to bills

CO 4 Gain an understanding with regard to special transactions related to accounting for consignment.

CO 5 Gain the knowledge with regard to special transactions relating to joint Venture business.

AG & SG SIDDHARTHA DEGREE COLLEGE OF ARTS & SCIENCE VUYYURU

(AUTONOMOUS)

(MANAGED BY SIDDHARTHA ACADEMY OF GENERAL & TECHNICAL EDUCATION VIJAYAWADA)

Commerce	BE-202G/C C	2021-2022	<i>I.B.Com(comp)</i>
----------	-------------	-----------	----------------------

SEMESTER – II

Business Economics

Learning Outcomes:

At the end of the course, the student will able to;

CO 1: Describe the nature of economics in dealing with the issues of scarcity of resources.

CO 2: Analyze supply and demand analysis and its impact on consumer behaviour

CO 3: Evaluate the factors, such as production and costs affecting firms behaviour

CO 4: Recognize market failure and the role of government in dealing with those failures

CO 5: Apply economic models for managerial problems, identify their relationships, and formulate the decision making tools to be applied for business.

AG & SG SIDDHARTHA DEGREE COLLEGE OF ARTS & SCIENCE VUYYURU

(AUTONOMOUS)

(MANAGED BY SIDDHARTHA ACADEMY OF GENERAL & TECHNICAL EDUCATION VIJAYAWADA)

Commerce	CCA-301G/C C	2021-2022	<i>II.B.Com(comp)</i>
----------	--------------	-----------	-----------------------

SEMESTER – III

Corporate Accounting

Objectives:

1. To make the students acquire the knowledge in special type of transactions and also the importance of company accounting.
2. To make the students acquire the knowledge about companies' act 2013.
3. To equip the students with the knowledge of accounting process and preparation of final accounts.

COURSE OUTCOMES:

CO1: The students will have a good command on issue of shares and also forfeiture and reissue of shares.

CO2: The students will be able to know how to allocate the expenses and incomes prior to incorporation and after incorporation.

CO3: The students will be able to learn various methods for valuation of goodwill and shares.

CO4: The students will be able to know how to prepare profit and loss and balance sheet as per companies' act 2013.

CO5: The students will acquire knowledge regarding rules and regulations of companies' act 2013.

AG & SG SIDDHARTHA DEGREE COLLEGE OF ARTS & SCIENCE VUYYURU

(AUTONOMOUS)

(MANAGED BY SIDDHARTHA ACADEMY OF GENERAL & TECHNICAL EDUCATION VIJAYAWADA)

Commerce	CBS -302G/C C	2021-2022	<i>II.B.Com(comp)</i>
----------	---------------	-----------	-----------------------

SEMESTER – III

Business Statistics

Objective:

- 1.The objective of this course is to impart knowledge on the application of Statistical tools and techniques in business decision making.
2. To make the students acquire the knowledge of Design, evaluate and apply correlation analysis

COURSE OUTCOMES

CO1- Describe the structure and characteristics of statistical data. able to present the data with diagrams

CO2- Calculate and interpret measures of central tendency and variability in statistical data.

CO3- Calculate and interpret measures of dispersion and skewness

CO4- Design, evaluate and apply correlation analysis.

CO5- To study the past behaviour of data and measure the effect of changes over the period of time.

AG & SG SIDDHARTHA DEGREE COLLEGE OF ARTS & SCIENCE VUYYURU

(AUTONOMOUS)

(MANAGED BY SIDDHARTHA ACADEMY OF GENERAL & TECHNICAL EDUCATION VIJAYAWADA)

Commerce	CASO -401G C	2021-2022	<i>II.B.Com(comp)</i>
----------	--------------	-----------	-----------------------

SEMESTER – IV

ACCOUNTING FOR SERVICE ORGANISATION

Objectives:

1. To enable the students to understand company (Non profit organizations) as per Sec (8) of Companies Act 2013 and prepare its final accounts
2. To provide and enable the students with the basic knowledge relating to the electricity, bank, and Insurance Companies its typical terms and prepare financial statements of accounts

COURSE OUTCOMES:

CO1: The students will acquire knowledge about non-profit organizations and how to prepare financial statements of non- profit organizations.

CO2: The students will be able to prepare financial statements electricity companies.

CO3: The students will be able to prepare financial statements banking companies.

CO4: The students will be able to know how to ascertain the profit of Life insurance companies and to prepare valuation balance sheet.

CO5: The students will be able to know how to ascertain the profit of General insurance companies and to calculate reserve for unexpired risks.

AG & SG SIDDHARTHA DEGREE COLLEGE OF ARTS & SCIENCE VUYYURU
(AUTONOMOUS)
(MANAGED BY SIDDHARTHA ACADEMY OF GENERAL & TECHNICAL EDUCATION VIJAYAWADA)

Commerce	CBL -403G/C C	2021-2022	<i>II.B.Com(comp)</i>
----------	---------------	-----------	-----------------------

SEMESTER – IV

BUSINESS LAWS

Objective:

To make the students learn the basics of business laws and apply them in real life Situation

COURSE OUTCOMES:

CO1 – Impacts the students in acquiring the basic knowledge regarding contracts in business. and impact of it to “QUID-PRO-QUO” for the enforceability of the contract

CO2 –Students will have clarity on competency of persons, modes of discharge of contract, analyzing and approaching to remedies in times of breach of contract.

CO3-Studentswillgets knowledge in law and procedure relating to sale of goods in Indian context.

CO4-Students are able to acquire knowledge in law and procedure relating to consumer rights

CO5- Students will get knowledge in new dimensions in business Organisation relating to cyber laws

AG & SG SIDDHARTHA DEGREE COLLEGE OF ARTS & SCIENCE VUYYYURU
(AUTONOMOUS)
(MANAGED BY SIDDHARTHA ACADEMY OF GENERAL & TECHNICAL EDUCATION VIJAYAWADA)

Commerce	CBLP -501G/C C	2021-2022	<i>III.B.Com(comp)</i>
----------	----------------	-----------	------------------------

SEMESTER – V

BUSINESS LEADERSHIP

OBJECTIVES: To make the students acquire the knowledge in leadership

To impart leadership skills among the students

COURSE OUTCOMES:

CO1: Students able to learn leadership skills

CO2: students impart knowledge about leadership in organisations.

CO3: students can build an idea about familiar business persons

AG & SG SIDDHARTHA DEGREE COLLEGE OF ARTS & SCIENCE VUYYURU
(AUTONOMOUS)
(MANAGED BY SIDDHARTHA ACADEMY OF GENERAL & TECHNICAL EDUCATION VIJAYAWADA)

Commerce	CCOA -502G/C C	2021-2022	<i>I.B.Com(comp)</i>
----------	----------------	-----------	----------------------

SEMESTER – V

Cost Accounting

Objective:

1. To understand the basic concepts and process used determine product costs,
2. To be able to interpret cost accounting statements, and evaluate information for cost ascertainment planning, control and decision making

COURSE OUTCOMES

CO1: Impart knowledge on the fundamental concept of cost accounting.

CO2: Comprehend the knowledge in effective control of raw materials and work in progress.

CO3: Build an idea about incentive plans based on production and cost savings.

CO4- C04: Familiarize the students about the production progress with the help of departmental manager.

CO5- Students will understand the profit making decisions in complex situations of any business Organisation.

AG & SG SIDDHARTHA DEGREE COLLEGE OF ARTS & SCIENCE VUYYURU

(AUTONOMOUS)

(MANAGED BY SIDDHARTHA ACADEMY OF GENERAL & TECHNICAL EDUCATION VIJAYAWADA)

Commerce	CGST -503G C	2021-2022	<i>III.B.Com(comp)</i>
----------	--------------	-----------	------------------------

SEMESTER –V

GOODS &SERVICE TAX FUNDAMENTALS

Objectives:

4. Demonstrate knowledge of the concepts, principles, and models of goods &service tax
5. To equip the students with the knowledge of laying rules regulations and notifications in GST council
6. To provide and enable the students with the basic knowledge of Input tax credit

COURSE OUTCOMES:

CO1: Impact knowledge on the Overview of GST and Justification for Introduction of GST andacquire knowledge about Constitutional Amendments in GST

CO2: Students get knowledge about GST Principles and Models of GST Austrlian, Candian; the student can build an idea about Comprehensive Structure of GST model in India

CO3:The student will be able to understand Taxes and Duties under GST and also Taxation of services and Tax on Petroleum products

CO4:The student can build an ideaabout IGST Model and also Transactions within a State under GST

CO5:Students get knowledge aboutValue of Supply - Input Tax Credit and Distribution of Credit, Matching of Input Tax Credit

AG & SG SIDDHARTHA DEGREE COLLEGE OF ARTS & SCIENCE VUYYURU

(AUTONOMOUS)

(MANAGED BY SIDDHARTHA ACADEMY OF GENERAL & TECHNICAL EDUCATION VIJAYAWADA)

Commerce	CTAX-5013 C C	2021-2022	<i>III.B.Com(comp)</i>
----------	---------------	-----------	------------------------

SEMESTER –V

TAXATION

OBJECTIVES:

1. Demonstrate knowledge of the concepts, principles, and rules of taxation of individuals and small businesses
2. Recognize tax planning opportunities and recommend appropriate tax-saving strategies for decision making
3. Address tax situations for a variety of taxpayers, such as wage earners, salespersons, owners of small business, professionals, investors, home and rental property owners, farmers, etc

COURSE OUTCOMES:

CO1: Impact knowledge on the provisions of income tax law and practice and acquire knowledge about Exempted incomes and residential status of an individual

CO2: Acquire Knowledge about Service tax -VAT -Central Sales Tax and GST

CO3: Enlist the ability of provisions of income from salary and its taxability. The student can build an idea about income from house property and its taxability. The student can acquire knowledge in calculation of Capital gains and Income from other sources

CO4: Impact knowledge on Taxation system in India and Modes of Tax Recovery and acquire knowledge on Filing of Returns

CO5: Recognize tax planning opportunities and recommend appropriate tax-saving strategies for decision making

AG & SG SIDDHARTHA DEGREE COLLEGE OF ARTS & SCIENCE VUYYURU

(AUTONOMOUS)

(MANAGED BY SIDDHARTHA ACADEMY OF GENERAL & TECHNICAL EDUCATION VIJAYAWADA)

Commerce	C C G -505G/C C	2021-2022	<i>III.B.Com(comp)</i>
----------	-----------------	-----------	------------------------

SEMESTER – V

Commercial Geography

OBJECTIVES:

To identify the early commercial activities in the world reflecting different occupations in various environments.

To note, shift and change from primitive activities, and to understand the different stages of agricultural development.

COURSE OUTCOMES:

CO1 Understand the importance of early commercial activities in the world reflecting different occupations in various environments.

CO2 Explain different stages of agricultural development using additional OE resources available in the internet using modern ICT tools.

CO3 Respond to the changes involved in the Indian forests and need for protection of forests and Forests Conservation Act.

CO4 Know different types of minerals India and mining and their uses.

CO5 Examine Indian water resources, Interlinking of Rivers India and Experience of India and Andhra Pradesh.

AG & SG SIDDHARTHA DEGREE COLLEGE OF ARTS & SCIENCE VUYYURU

(AUTONOMOUS)

(MANAGED BY SIDDHARTHA ACADEMY OF GENERAL & TECHNICAL EDUCATION VIJAYAWADA)

Commerce	CEM-601 G/C C	2021-2022	<i>III.B.Com(comp)</i>
----------	---------------	-----------	------------------------

SEMESTER-VI

Event management

OBJECTIVES: identifying events and determining corresponding control measures that events can be programmed in such a way that operational information is transferred

Develop and implement financial initiatives based on event objectives through methods such as sponsorship programs, grant applications, and fundraising initiatives. Plan, design, and coordinate effective site and facility operations.

COURSE OUTCOMES

CO1. Identify the needs of customers for organizing a corporate event and understand the types of Events.

CO2: Examine various types of Outdoor events and Managing the risk in the events. Relate Marketing management, Human Resource Management to Event Management

CO3: Students able to organize Shows, fashion shows, high profile charity events.

AG & SG SIDDHARTHA DEGREE COLLEGE OF ARTS & SCIENCE VUYYURU

(AUTONOMOUS)

(MANAGED BY SIDDHARTHA ACADEMY OF GENERAL & TECHNICAL EDUCATION VIJAYAWADA)

Commerce	CM-602G/C C	2021-2022	<i>III.B.Com(comp)</i>
----------	-------------	-----------	------------------------

SEMESTER-VI

Marketing

Objective:1.To acquire knowledge on marketing concepts, 7P's, to build applicable skills through variety internship opportunities

2. Student will gain understanding of consumer buyer behaviour, pricing strategies and ethical concept of marketing

COURSE OUTCOMES

CO1: To introduce the concepts of marketing and understand the factors influence the market environment.

C02: Analyze the consumer market models and enlightens consumer buyer behaviour models.

C03: Understand the concept of product and identify the need of product mix and product line decisions.

C04: Develop an idea about pricing strategies and pricing decisions.

C05: Enhance the students about decisions regarding promotion and distribution channels.

AG & SG SIDDHARTHA DEGREE COLLEGE OF ARTS & SCIENCE VUYYURU

(AUTONOMOUS)

(MANAGED BY SIDDHARTHA ACADEMY OF GENERAL & TECHNICAL EDUCATION VIJAYAWADA)

Commerce	CAU-603 G/C C	2021-2022	<i>III.B.Com(comp)</i>
----------	---------------	-----------	------------------------

SEMESTER –VI

Auditing

OBJECTIVES:

4. To impart knowledge pertaining to basic concepts of auditing.
5. To make the students learn the basics of rights and duties regarding auditing and audit report.
6. To acquaint oneself with auditing procedure.

COURSE OUTCOMES

CO1: Students will develop the knowledge & importance of auditing and accounting Of any Organisation and Role of Auditor in checking corporate frauds.

CO2: Students will have the ability of understanding the applicability of auditing types for different organizations

CO3: Students will have knowledge in planning the effectiveness of auditing and also internal check, internal audit and internal control.

CO4: Students will have proper understanding of the requirements of documentary evidence for the completion of Vouching and Investigation.

CO5: Students will have the knowledge in Company Audit and Auditors Report

AG & SG SIDDHARTHA DEGREE COLLEGE OF ARTS & SCIENCE VUYYURU

(AUTONOMOUS)

(MANAGED BY SIDDHARTHA ACADEMY OF GENERAL & TECHNICAL EDUCATION VIJAYAWADA)

Commerce	CMA-604 G/C C	2021-2022	<i>III.B.Com(comp)</i>
----------	---------------	-----------	------------------------

SEMESTER-VI

MANAGEMENT ACCOUNTING

Objective:

To acquire knowledge about management accounting its applications, ratios and CVP analysis.

To acquire knowledge about preparation of various financial statements

COURSE OUTCOMES

CO1 – Students will critically understanding the financial and management accounting importance in understanding the business operations using different tools

CO2 – Students will understand the importance of changes of working capital for any Organisation and analysing the flow of fund

CO3 – Students will critically understanding the cash and fund flow concept and impact of cash flow on business operations

CO4 - Students will have the ability of assessing the solvency and profitability of any Organisation

CO5- Students will understand the profit making decisions in complex situations of any business Organisation

BOTANY

Programme Outcomes

- PO1: To facilitate students for taking up and shaping a successful career in Botany.
- PO2: To create foundation for further studies in Botany.
- PO3: To provide thorough knowledge about various plant groups from primitive to Highly evolved.
- PO4: Gymnosperm and fossils - Student are able to learn about various Gymnospermic plants & fossils that help in the give information about ancestor link.
- PO5: Students are able to known about characteristic of various plants and classification of different plant groups to \understand the different taxonomic group and evolutionary.
- PO6: Students are able to learn about anatomy & physiology of embryology of various types of plants.
- PO7: Students are known about different types of nutrition which are applied in growth of plants.
- PO8: Cell biology and Genetics students learn about different cell organelles genomic structure under the unit of cell biology and genetics.
- PO9: They are able to understand about environmental problems along with finding solutions.
- PO10: To equip the students with skills related to laboratory as well as field based Studies.

BOTANY

I – Year (SEM-I)

- CO1: Know the scope of origin of life
- CO 2: Understand the diversity among Bacteria, Viruses.
Know the systematic, morphology and structure of Bacteria, Viruses.
Understand the life cycle pattern of Bacteria, Viruses.
Understand the useful and harmful activities of Bacteria, Viruses and Algae.
- CO3: Understand the features of Lichens.
Understand the scope and importance of Plant Pathology.
Know the control measures of plant diseases.
Know the Economic Importance of Fungi.
- CO4: Understand the life cycle pattern of Algae.
Understand the useful and harmful activities of Algae.
- CO5: Understand the morphological diversity of Bryophytes.
Know the evolution of Bryophytes.

SEM-II

- CO1: Understand the morphological diversity of Pteridophytes.
Know the evolution of Pteridophytes.
- CO2: Understand Gymnosperms with respect to distinguishing characters, comparison with angiosperms, economic importance and classification.
Understand the life cycles of Pinus and Gnetum.
- CO3: Understand the comparative account among the families of angiosperms.
- CO4: Know the economic importance of the families of angiosperms.
Understand the distinguishing features of angiosperm families.
- CO5: Understand the phytogeographic regions, endemism and vegetation types in Andhra Pradesh .

BOTANY

II – Year (SEM-III)

- CO1: Understand various angiosperm families emphasizing their morphology, Distinctive features and biology.
Know the role of chemotaxonomy, Cytotaxonomy and embryology in relation to taxonomy.
- CO2: Understand the comparative account among the families of angiosperms.
Know the economic importance of the families of angiosperms.
Understand the distinguishing features of angiosperm families.
- CO3: Study of plant families representing different groups of angiosperms writing the systematic position, morphological characters, floral formula and floral diagram.
Using local, regional flora.
- CO4: Know importance and scope of plant physiology.
To understand the plants and plant cells in relation to water.
Learn about the movement of sap and absorption of water in plant body.
- CO5: Learn and understand about mineral nutrition in plants.
Know the nitrogen metabolism and its importance.

SEM-IV

- CO1: Understand the history & importance of Embryology.
Understand structure and development in microsporangium and megasporangium.
Understand microsporogenesis and megasporogenesis.
Understand male and female gametophytes.
Know about the pollination types and fertilization.
- CO2: Know fertilization, endosperm and embryogeny.
- CO3: Understand the physiological details of photosynthesis and respiration.
Understand the process of photosynthesis in higher plants with particular emphasis on light and dark reactions, C3 and C4 pathways.
Understand the process of translocation of solutes in plants.
- CO4: Understand the respiration in higher plants with particular emphasis on aerobic and anaerobic respiration.
Understand lipid metabolism in plants
- CO5: They will learn about the growth and development of plants and its regulations. Known about the plant growth hormones.
Understand the stress of plants and its adaptations.

BOTANY

III – Year (SEM-V)

- CO1: Gain knowledge about “Cell Science.
Understand Cell wall Plasma membrane, Cell organelles and their function.
- CO2: Understand the biochemical nature of nucleic acids, their role in living systems, experimental evidences to prove DNA as a genetic material.
- CO3: Understand the “Science of Heredity”.
To understand Mendelian inheritance, Linkage and Crossing over.
- CO4: To understand the basis of transcription , translation and gene expression.
- CO5: To study the techniques of production of new superior crop varieties.

SEM-V

- CO1: Know the branches and significance of ecology.
- CO2: To understand the concept and components of the eco-system.
- CO3: Understand the population & Community Ecology - concept of metapopulation.
Understand plant communities and ecological adaptations in plants.
- CO4: To understand Phyto-geographic regions of India.
- CO5: Learn about conservation of biodiversity, Nonconventional Energy and Pollution.

SEMESTER VI ELECTIVE-C

PLANT TISSUE CULTURE AND ITS BIO TECHNOLOGICAL APPLICATIONS (BOT-601GE)

- CO1: Acquire and know about micro propagation, synthetic seeds and Soma clonal Variations.
- CO2: Know the applications of tissue culture s
- CO3: Understand the Cryopreservation and Germplasm conservation.
- CO4: Understand the cloning vectors, gene cloning and methods of gene transfer.
- CO5: Acquire and know the applications of biotechnology and genetically modified crops (GM' os) .

SEMESTER –VI
PLANT DIVERSITY AND HUMAN WELFARE (BOT-602CE)

- CO1: Know about types, uses and values of biodiversity and agro biodiversity.
- CO2: Acquire and understand the loss of biodiversity and conservative organizations.
- CO3: Know about the sustainable development of biodiversity.
- CO4: Analyze and acquire resource management and conservation methods of Biodiversity.
- CO5: To understand role of plants in relation to human welfare.

SEMESTER- VI
ETHNOBOTANY AND MEDICINAL BOTANY (BOT-603CE)

- CO1: Impart knowledge on various tribal groups of India and their ecological knowledge.
- CO2: Understand the ethnobotanical medicines of India.
- CO3: Analyze and know the boipiracy and intellectual property rights.
- CO4: Acquire and know Ayurveda, Homeopathy medicinal therapies.
- CO5: Analyze and know the conservation of endemic and endangered plant species.

Semester –VI
PHARMACOGNOSY AND PHYTOCHEMISTRY (BOT-604CE)

- CO1: Analyze drug evaluation methods.
- CO2: Develop skills about organoleptic and microscopic studies of plant parts.
- CO3: Develop skill to extract secondary metabolites from the plant parts.
- CO4: Acquire and know the biosynthesis and uses of drugs.
- CO5: To understand enzymes, proteins and amino acids as drugs.

**DEPARTMENT OF ZOOLOGY - 2019-2020 & 2021
COURSE OUT COMES**

I.B.Sc (BZC)

SEM-I-101

Title of the paper: Biology of Non – Chordates

Objective of the course: To introduce the basic principles Biology of Non –Chordates, different types of based on specific characters and the phyla.

Course outcomes:

- ❖ Students can easily understand the phylogeny of life, connecting link between different phyla and the diversity of fauna.
- ❖ They learn the general characters of each phylum and their classification and identify animals using different taxonomical keys.
- ❖ Students get the essentials of each body part and their functioning.
- ❖ The students will have knowledge on useful and harmful animals
- ❖ They learn more about the structure and characters of Larval forms

SEM-II-201

Title of the Paper: Biology of Chordates.

Objective of the course: To give more knowledge about the biology of chordates, their classification and how these animals show gradual development from one class to the other.

Course outcomes:

- ❖ Through this study we are able to inculcate in students an aesthetic sense to appreciate and admire the richness of fauna and the precision with which each organism functions.
- ❖ They acquire knowledge on the difference between various species and the evolution of complexity in each system.
- ❖ The learners identify the commercially important animals and their rearing methodologies.
- ❖ Students learn about the general characters and classifications of chordates. They learn more about the structure and Mammalian Differences.

SEM-III -301

II.B.Sc (BZC)

Title of the Paper : Cytology, Genetics and Evolution.

Objective of the course: To impart knowledge on the structural and functional aspects of cell, cell molecules that contribute to the mystery of life, basic structures of DNA, RNAs, their specific roles and genes that play vital role in transmission of parental characters to the offspring.

Course out comes:

- ❖ This study will help students to understand the variation of species with its basic and functional unit that is the cell and its components.
- ❖ They learn more about the structure and functions of DNA and RNAs.
- ❖ Students will test and deepen their mastery of genetics by applying this knowledge in a variety of problem- solving situations.
- ❖ They get to know genes in depth level and their role in transmission of parental characters.
- ❖ Understand that evolution involves genetic change in the composition of populations, the process of allopatric speciation.

SEM-V-401

Title of the Paper: Embryology, Physiology and Ecology.

Objective of the course: To make students learn more about development, body systems, their structures and functioning also the relationships that exists between biotic and abiotic factors

Course outcomes:

- As this paper deals with the concepts of life, various process involved during developmental stages students learn the formation and development of egg, sperms, fertilization and growth of each organisms.
- Students learn about various systems that are working in the body
- Students understand the concept of 'Muscle contraction & Endocrine glands'.

- The students can easily perceive the idea of interactions or the relationship between biotic and abiotic factors and their interdependency
- They discover the interaction that takes place between organisms and their environment

SEM-V-501

III.B.Sc (BZC)

Title of the paper: Animal Biotechnology

Objective of the course: To educate students on various biotechnological techniques involve in animal biotechnology, gene manipulations, their role in production of medicines and transgenic animals.

Course outcomes:

- ❖ Students are made to become aware of the use of technology that is involved in cloning.
- ❖ Improved quality of species with gene manipulations
- ❖ Recent development in biotechnology that helps for better environment and Production of various monoclonal antibodies and vaccines.
- ❖ Formation of different species - transgenic animals
- ❖ Resistant variety and better yield

SEM-V-502

Title of the paper: Animal Husbandry.

Objective of the course: To help students to stand on their own legs, acquire skills in poultry and Dairy farms and to set up their own firms..

Course outcomes:

- ❖ Students are given awareness about different varieties of chicks.
- ❖ Students are familiarized with recent technologies those are applied to produce different species with variations which are more beneficial and income fetching.
- ❖ Students with the help of self help schemes, can set up their own firms, and provide
- ❖ employability to others and to tap the resources of Government and Nongovernmental sectors.
- ❖ They are given managerial and marketing skills as well.

III.B.Sc (BZC) -GEL

SEM-VI-601

Title of the paper: Immunology

Objective of the course: To facilitate students to understand the role of immune system in the body, cells and organs of immune system, their structures and functioning.

Course out comes:

- ❖ Students grow in understanding of immune system, to improve their immunity and to protect them from pathogens.
- ❖ They identify their blood groups, their compatibility and the need to donate blood to save life.

- ❖ Students identify the classes, structures and functions of antibodies, antigen –antibody reactions.
- ❖ This study enables students to take care of themselves and take timely precautions against various disease.
- ❖ They identify the cure of different diseases through various vaccines, the instruments involved in identification of immune reactions etc.

SEM-VI-602

III.B.Sc (BZC) -CL-I

Title of the Paper: Principles of Aquaculture.

Objective of the course: To introduce students into aquaculture practices

Course outcomes:

- ❖ Students get wider knowledge on aquaculture
- ❖ The study of students Types of Aquaculture ,culture systems and Culture Practices
- ❖ They learn about design and construction of aqua farms(pond formation)
- ❖ They study various economically important species
- ❖ Students get acquainted with sea weed and their benefits.

SEM-VI-603

III.B.Sc (BZC) -CL-II

Title of the Paper: Aquaculture Management.

Objective of the course: To instruct students on aquaculture managerial skills.

Course out comes:

- ❖ Students get know about breeding technology of fishes, Hatching and hatching methodology.
- ❖ Students learn to analyse the quality of water and soil.
- ❖ They are trained on feed storage, Feeding strategies: Feeding devices, feeding schedules and ration size.
- ❖ They gain knowledge on diseases of fish and shrimp and the strategies involved in marketing. They study economics and Marketing , **Fisheries Extension and** important of fish genetics

SEM-VI-604

III.B.Sc (BZC) -CL-III

Title of the Paper: Postharvest Technology.

Objective of the course: To prepare students to become future aqua culturists.

Course out comes:

- ❖ Students are given techniques to handle fresh fish, storage, preservation and transport.
- ❖ They learn to extract maximum from fish and produce fish productions.
- ❖ They can earn while they learn.
- ❖ They are taught rules and regulations pertaining to quality control.
- ❖ Students get know about Quality Assurance, Management and Certification

DEPARTMENT OF ZOOLOGY

COURSE OUTCOMES

I.B.Sc Aquaculture

SEM- I- 101

Title of the paper: . Basic principles of aquaculture

Objective of the course: To introduce the basic principles of Aquaculture (Industrial fishers).

Understand

the nature and basic concept of aquaculture.

Course outcomes:

1. Learn about the concept of Blue Revolution, Types of Aquaculture systems and scope of Aquaculture at global ,India and Andhra level.
2. Understand the concepts of Ecology, and Nutrient cycles in culture ponds.
3. Acquire knowledge of different types of ponds and their functional classification.
4. Understand the important factors involved in construction of ideal fish pond.
5. Acquire knowledge of pond management factors, eradication of predators and weed control, physico-chemical Conditions to be maintained

SEM-II -201

Title of the paper: Biology of fin fish & shell fish

Objective of the course: To introduce the Biology of fin fish & shell fish. General characters, Classification, growth and Development crustacean shell fish

Course outcomes:

1. Understand the characters and classification of cultivable Fin and Shell fish and commercial importance of crustaceans and Fish .
2. Gain Knowledge of feeding habits, gut content analysis and growth factors in fishes.
3. Understand and learn breeding in fishes, breeding habits, method of induced breeding infishes.
4. To create awareness on parental care of Fishes and embryonic and larval development and

environmental factors affecting development of major aquaculture organisms.
5. Acquire knowledge about Endocrine system in fishes.

SEM-III -301

II.B.Sc Aquaculture

Title of the paper: Fish nutrition & Feed technology

Objective of the course: To introduce the Fish nutrition & Feed technology. Understand the Feeding methods & Feed manufacture.

Course outcomes:

1. Understand Nutritional requirements of cultivable fishes and factors affecting energy partitioning and feeding.
2. Know different types of feed and FCR and different types of feeders
3. Gain Knowledge of Feed manufacture and storage methods of feeds
4. Understand the value of Feed additives and Non-Nutrient ingredients.
5. To create awareness of different nutritional deficiency and importance of natural and supplementary feeds and balanced diet.

SEM-IV -401

Title of the paper: Fresh water & Brackish water Aquaculture

Objective of the course: The students understand Fresh water & Brackish water Aquaculture.

Course outcomes:

1. Learn the Status, Scope and Prospects of fresh water aquaculture in the world, India and AP.
2. Learn about Major Cultivable Indian Carps and Exotic fish Species introduced in India
3. Know about recent developments in the culture of clarius, anabas and murrels and special systems of aquaculture.
4. Gain knowledge of commercially valuable Fresh water prawns of India and their culturing methods.
5. Learn about culturing of brackish water Prawn Species P.mondon and L.vannamei and hatchery technology's involved

SEM-V -501

III. B.Sc Aquaculture

Title of the paper: Fish health management.

Objective of the course: The students understand Fresh health management and Diseases of fishes.

Course outcomes:

provide students with knowledge about fish diseases and pathological aspects of diseases. Learn about Fungal, Viral and Bacterial diseases of finfish.

Learn about major shrimp viral, bacterial and protozoan diseases and prevention and therapy methods.

Gain knowledge of Nutritional deficiency related diseases and antibiotic and chemotherapeutics.

Understand and learn the importance of diagnostic tools in identification of diseases and application and development of vaccines. To know about production of disease free seeds and good feed management.

SEM-V -502

Title of the paper: Extension, Economics & Marketing

Objective of the course: The students understand Extension, Economics & Marketing.

Course outcomes:

1. Gain the Knowledge of basic concepts of economics with reference to fisheries and various factors influencing the fishery products price.

2. will come to know about fisheries marketing, methods of economic analysis of business organizations and preparation of project and project appraisal.

3. To know about application of economic principles to aquaculture operations.

4. Get the broad knowledge of scope and objectives, principles of fisheries extension.

5. Understand the importance of transfer technology of ICAR programmes and training at DAATT

Centers and their role in education of aqua farmers through print and electronic media

COURSE OUTCOME

By the end of VI semester the student will have the knowledge and skills of following Electives and Clusters based on the choice of students.

Electives:

- Ornamental fishery.
- Fishery Engineering.

Clusters: 1. Fishery Processing Technology

- Fish Processing Technology
- Fishery Microbiology and Fishery By-products.
- Quality Control in Processing Plants.

2. Coastal Aquaculture

- Crustacean Culture
- Molluscan & Seaweed Culture.
- Marine Finfish Culture.

DEPARTMENT OF ZOOLOGY - 2019-2020 COURSE OUT COMES

ORGANIC FARMING- Certificate course(2019-2020)

Objective of the course: To provide skill based education to make them entrepreneurs.

Course outcomes:

- ❖ Students imbibe skills along with knowledge of organic farming .
- ❖ They learn about different varieties of crop production and their rearing Plants
- ❖ They learn about different varieties of Ornamental crops & Medicinal plants and their crop production.
- ❖ They become aware of the difference between chemical fertilizers, organic and bio manures

**DEPARTMENT OF ZOOLOGY - 2021-2022
COURSE OUT COMES**

I.B.Sc (BZC)

SEM-I-101

Title of the paper: Biology of Non – Chordates

LEARNING OBJECTIVES

- To understand the structural organization of animals from Protozoa to Hemichordate
- To understand the evolutionary relationship of different phyla from Protozoa to Hemichordate
- To understand the specific phenomena exhibited by different groups of invertebrates from Protozoa to Hemichordate
- To understand the taxonomic position and affinities of certain groups of invertebrates as Connecting links
- To study the life cycles, and pathogenicity of certain

COURSE OUTCOMES

- By the end of the course students will be able to
- CO 1 Gain knowledge in the fundamental concepts underlying the structural complexity in the organization of invertebrates.
- CO 2 Understand biology and pathogenicity of parasites and their adaptations analyse remedial and preventive measures and promote the same in public domain.
- CO 3 Appreciate and evaluate the economic, commercial, medicinal and culture importance of invertebrates and their larval stages in relation to phylogeny
- CO 4 Describe the significance of connecting links in understanding the concept of evolution
- CO 5 Explain the significance of specific phenomena in different group's of invertebrates in relation to their adaptability for survival
- CO 6 Comprehend the systems biology of individual phyla with a specific type study and understand the origin and evolutionary relationship of different phyla and appreciate the uniqueness of individual phyla.

Title of the paper: Cell Biology, Genetics, Molecular Biology & EvolutionLearning Objectives

- To understand the origin of cell and distinguish between prokaryotic and eukaryotic cell
- To understand the role of different cell organelles in maintenance of life activities
- To provide the history and basic concepts of heredity, variations and gene interaction
- To enable the students distinguish between polygenic, sex-linked, and multiple allelic modes of inheritance.
- To acquaint student with basic concepts of molecular biology as to how characters are expressed with a coordinated functioning of replication, transcription and translation in all living beings
- To provide knowledge on origin of life, theories and forces of evolution
- To understand the role of variations and mutations in evolution of organisms
- **Course Outcomes:**
 - The overall course outcome is that the student shall develop deeper understanding of what life is and how it functions at cellular level. This course will provide students with a deep knowledge in Cell Biology, Animal Biotechnology and Evolution and by the completion of the course the graduate shall able to –
 - CO1 To understand the basic unit of the living organisms and to differentiate the organisms by their cell structure.
 - CO2 Describe fine structure and function of plasma membrane and different cell organelles of eukaryotic cell.
 - CO3 To understand the history of origin of branch of genetics, gain knowledge on heredity, interaction of genes, various types of inheritance patterns existing in animals
 - CO4 Acquiring in-depth knowledge on various aspects of genetics involved in sex determination, human karyotyping and mutations of chromosomes resulting in various disorders
 - CO5 Understand the central dogma of molecular biology and flow of genetic information from DNA to proteins.
 - CO6 Understand the principles and forces of evolution of life on earth, the process of evolution of new species and apply the same

Title of the paper: Animal Biotechnology

Learning Objectives

- To understand the natural function of Restriction enzymes and explained how they are used in r-DNA technology.
- To understand the features & Types of cloning vectors.
- Purposes and applications of r-DNA techniques.
- To understand uses of DNA probes.
To understand gene transfer technologies for animals and animal cell lines.
- Explain how the creation of sticky ends by restriction enzymes in use full in producing a r-DNA technologies.
- To understand the process of nucleic acid hybridization.

Course outcomes:

CO1 Students are made to become aware of the use of technology that is involved in cloning.

CO2 Improved quality of species with gene manipulations

CO3 Recent development in biotechnology that helps for better environment and

Production of various monoclonal antibodies and vaccines.

CO4 Formation of different species - transgenic animals

CO5 Resistant variety and better yield

Title of the Paper: Animal Husbandry

Learning Objectives

- To understand production of milk, meat, egg and other animal bi – products.
- To understand delivery of necessary livestock health care through timely immunization against total diseases, proper diagnosis and rational treatment for optimization of livestock production.
- To understand fulfil the objective of protein enriched quality food requirement of the growing population of the country and prevent malnutrition in one the highest malnourished children population in the world.

- To understand principles of feeding and nutrient requirements for different stages of layers and broilers.
- To make available quality concentrated animals feed to the cattle, buffalo, sheep and poultry to provide balanced ration at affordable prices.
- **Course outcomes:**
- CO1; Students are given awareness about different varieties of chicks.
- CO2: Students are familiarized with recent technologies those are applied to produce different species with variations which are more beneficial and income fetching.
- CO3: Students with the help of self help schemes, can set up their own firms, and provide
- CO4: Employability to others and to tap the resources of Government and Non governmental sectors.
- CO5: They are given managerial and marketing skills as well.

B.A., B.Com., A.B.C., & B.Sc SEM-I 101

Title of the Paper: Environmental Studies.

CO1: Realize the importance of environment, the goods and services of a healthy

biodiversity, dependence of humans on environment.

CO2: Evaluate the ways and ill effects of destruction of environment, population

explosion on ecosystems and global problems consequent to anthropogenic activities.

CO3: Discuss the laws/ acts made by government for environmental conservation and

acquaint with international agreements and national movements and realize

citizen's role in protecting environment and nature.

Title of the Paper: Environmental Education.

CO1: Realize the importance of environment, the goods and services of a healthy

biodiversity, dependence of humans on environment.

CO2: Evaluate the ways and ill effects of destruction of environment, population

explosion on ecosystems and global problems consequent to anthropogenic activities.

CO3: Discuss the laws/ acts made by government for environmental conservation and

acquaint with international agreements and national movements and realize

citizen's role in protecting environment and nature.

Title of the Paper: Poultry Farming

Learning Outcomes:

By successful completion of the course, students will be able to;

1. Understand the field level structure and functioning of insurance sector and its role

in protecting the risks

2. Comprehend pertaining skills and their application for promoting insurance coverage

3. Prepare better for the Insurance Agent examination conducted by IRDA

4. Plan 'promoting insurance coverage practice' as one of the career options.

- CO1; Students are given awareness about different varieties of chicks.
- CO2: Students with the help of self help schemes, can set up their own firms,
and provide
- CO3: Employability to others and to tap the resources of Government and Non
governmental sectors.

Title of the paper: Basic Principles of Aquaculture**OBJECTIVES**

- To study the concept of blue revolution and its impact at global, national and state level.
- To get acquainted with different culture systems and culture methods.
- To study the different types of ponds used in culture practices.
- To study the criteria for construction of ideal fish pond.
- To study the management practices in fish/ prawn culture.

COURSE OUTCOMES

By the end of the course students will be able to

CO 1	Understand the concept of blue revolution, analyse the history and compare the present status of aquaculture at global, national and state levels and its significance over agriculture and gain knowledge in the various aquaculture resources and advantages of culture over capture.
CO 2	Acquire knowledge in the different types of aquaculture, culture systems and culture methods in practice worldwide.
CO 3	Gain knowledge in the different types of culture ponds.
CO 4	Understand the arrangement of different types of ponds in a fish farm and design an ideal fish farm.
CO 5	Comprehend the best management practices to be adopted in aquaculture for good yield and acquire the skill in the analysis of water and soil parameters of a culture pond.
CO 6	Identify the different types of weeds and predators in a culture pond and suggest the suitable control measures for their eradication.

Title of the paper: Fresh water & Brackish water Aquaculture**Learning Objectives:**

- To know the present status of freshwater and brackish water aquaculture and their role in world economy and food production.
- To gain knowledge on carp, prawn, shrimp and crab culture and composite fish culture systems.
- To improve the technical knowledge on fish and shrimp hatchery technology and culture practices.
- To improve the knowledge and technical skills for the identification of cultivable fin fish and shell fish.

Course outcomes:

- CO1: Learn the Status, Scope and Prospects of fresh water aquaculture in the world, India and AP.
- CO2: Learn about Major Cultivable Indian Carps and Exotic fish Species introduced in India
- CO3: Know about recent developments in the culture of clarius, anabas and murrels and special systems of aquaculture.
- CO4: Gain knowledge of commercially valuable Fresh water prawns of India and their culturing methods.
- CO5: Learn about culturing of brackish water Prawn Species P.mondon and L.vannamei and hatchery technology's involved

III.B.Sc (ABC)

SEM-I-501

Title of the Paper: **Fish health management**

Learning Objectives:

- To understand the principles of disease diagnosis and fish health management.
- To know the prophylactic and therapeutic methods to control the diseases.
- To understand the defence mechanism and immune system in fish and shrimp.
- To gain detailed knowledge on the disease symptoms, causative agent, preventive measures and treatment for microbial, parasitic, nutritional and environmental disorders in fish and shrimp.
- To understand the diagnosis tools that is followed in field of aquaculture and vaccine production for fish immunization.
- Course outcomes:
 - CO1: Provide students with knowledge about fish diseases and pathological aspects of diseases.
 - CO2: Learn about Fungal, Viral and Bacterial diseases of finfish.
 - CO3: Learn about major shrimp viral, bacterial and protozoan diseases and prevention and therapy methods.

- CO4: Gain knowledge of Nutritional deficiency related diseases and antibiotic and chemotherapeutics.
- CO5: Understand and learn the importance of diagnostic tools in identification of diseases and application and development of vaccines. To know about production of disease free seeds and good feed management.

III.B.Sc (ABC)

SEM-I-502

Title of the Paper: **Extension, Economics & Marketing**

Learning Objectives:

- To explain fisheries economics and marketing.
- To understand economics constraints in fisheries development, free access to fisheries, sustainable yield curve and total revenue curve, bio economic equilibrium, factor rents welfare economic theory and its relevance for fisheries externalities.
- To understand fisheries extension methods and rural development
- Write Feasibility report.

Course outcomes:

CO1: Gain the Knowledge of basic concepts of economics with reference to fisheries and various

factors influencing the fishery products price.

CO2: Will come to know about fisheries marketing, methods of economic analysis of business

organizations and preparation of project and project appraisal.

CO3: To know about application of economic principles to aquaculture operations.

CO4: Get the broad knowledge of scope and objectives, principles of fisheries extension.

CO5: Understand the importance of transfer technology of ICAR programmes and training at DAATT Centres and their role in education of aqua farmers through print and electronic media.

**AG & SG SIDDHARTHA DEGREE COLLEGE OF ARTS & SCIENCE
(AUTONOMOUS), VUYYURU.
PG DEPARTMENT OF COMMERCE**

Programme: I Mcom (2021-'22)

SEMESTER: I Sem

Course: CO111: MANAGEMENT THEORY AND PRACTICE

Knowledge of basic concepts of advanced banking for M.Com students will help them as professionals later business management, as well as utilizing the available resources.

Course Objectives:

1. To provide knowledge and understanding of the Principles of Management will enable the students gain valuable insight into the workings of business and other organizations.
2. To enable the students understand the managerial functions and practices of various
3. To make the students understand elements of organizing and staffing.
4. To evaluate the influence of effective communication, motivation and leadership
5. To understand the significance of managerial control and formulate best control methods.

Programme Outcomes:

1. The Programme Outcomes of this paper are to understand the basic concept and nature of business management in planning, organizing, staffing, directing and controlling of business.
2. Importance of staffing, factors in selecting levels of organization.

**AG & SG SIDDHARTHA DEGREE COLLEGE OF ARTS & SCIENCE
(AUTONOMOUS), VUYYURU.
PG DEPARTMENT OF COMMERCE**

Programme: I Mcom (2021-'22)

SEMESTER: I Sem

Course: COM 112- BUSINESS ECONOMICS

Course Objectives:

1. To outline expert knowledge about the concept of managerial economics, to analyze the students to understand the concepts of demand, utility and demand forecasting.
2. To Organize an insight in the basic features of production and cost function.
3. To explain the students to familiarize with different market structures and its Importance
4. To experiment impart knowledge on the concepts of pricing and pricing policy.
5. To understand Pricing Practices of Firms

Programme Outcomes:

- 1.This programme is useful to the students they will become an entrepreneur_in their future lives.
- 2.This programme is useful to the students to increase their Manegerial skills in the Business activities.
3. This programme is useful to the students to frame the pricing policies in the Business activities.
4. This programme is useful to the students to increase their business skills in the market economy.
5. This programme is useful to the students to fix the prices for various commodities in different markets.



**AG & SG SIDDHARTHA DEGREE COLLEGE OF ARTS &
SCIENCE (AUTONOMOUS), VUYYURU.
PG DEPARTMENT OF COMMERCE**

Programme: I Mcom (2021-'22)
SEMESTER: I Sem
COURSE: COM 113-BUSINESS ENVIRONMENT

Knowledge of basic concepts of Business Environment for M.Com students will help them as professionals later in business environment returns, as well as utilizing the available resources.

Course Objectives:

- ★ The objectives of this paper are to understand the basic concept and nature of business environment Technological environment and Economic systems.
- ★ To learn the Structure and Organization of Industrial policy of 1991.
- ★ To learn assessment of political Institutions Legislature, Executive and judiciary. .

Programme Outcomes:

- ★ The Programme Outcomes of this paper are to understand the basic concept and nature of A Changing Dimensions of legal environment in India..
- ★ Basic knowledge of business environment as Patents Act- 1970,SICA- 1985,SEZ Act- 2005.
- ★ Computation of heads of cultural and Technological environment. .

**AG & SG SIDDHARTHA DEGREE COLLEGE OF ARTS & SCIENCE
(AUTONOMOUS), VUYYURU.
PG DEPARTMENT OF COMMERCE**

Programme: I Mcom (2021-'22)

SEMESTER: I Sem

COURSE: COM 114- ENTREPRENEURSHIP DEVELOPMENT & BUSINESS MODELS

Course Objectives:

- ★ To make the students acquire the conceptual knowledge of different types of policies and institutions supporting to SSI units
- ★ To impart entrepreneur skills among the students.

Programme Outcomes:

- ★ How an entrepreneur will run the business effectively?
- ★ What are the business opportunities available in business entrepreneurship?
- ★ Enable to identify how the government policies helpful for the SSIs
- ★ The students will able to know the central and state institutions supporting to small business enterprises.
- ★ Students will acquire the knowledge in how to prepare the project report.



**AG & SG SIDDHARTHA DEGREE COLLEGE OF ARTS &
SCIENCE (AUTONOMOUS), VUYYURU.
PG DEPARTMENT OF COMMERCE**

Programme: I Mcom (2021-'22)

SEMESTER: I Sem

COURSE: COM 115- INFORMATION TECHNOLOGY FOR BUSINESS

Course Objectives:

- ★ To explain the role of Information Technology in Business
- ★ To illustrate the Information Technology Infrastructure
- ★ To describe Information Systems Support to for Business Functions
- ★ To represent Data, Knowledge and Implication of Decision Support Systems
- ★ To relating Strategic Advantage and Information Technology.

Programme Outcomes:

The Programme Outcomes of this paper is the student will know

- ★ What is the role of Information Technology in Business?
- ★ How to illustrate the Information Technology Infrastructure?
- ★ How to describe Information Systems Support to for Business Functions?
- ★ How to represent Data, Knowledge and Implication of Decision Support Systems?
- ★ What is the relating Strategic Advantage and Information Technology?



**AG & SG SIDDHARTHA DEGREE COLLEGE OF ARTS &
SCIENCE (AUTONOMOUS), VUYYURU.
PG DEPARTMENT OF COMMERCE**

Programme: I Mcom (2021-'22)

SEMESTER: I Sem

COURSE: COM 116- QUANTITATIVE TECHNIQUES FOR BUSINESS

Course Objectives:

- The objectives of this paper are to understand the basic concept and Applications of Probability.
- To understand the definitions, nature of Binomial, Poisson and Normal distributions.
- To learn the Computations of Testing of Hypothesis.
- To learn Basic concepts of Correlation and Regression.
- To attain the Knowledge of Operation research, Basic concepts of LPP-Graphical solution- Simplex Method.

Programme Outcomes:

- The Learner is equipped with the knowledge of concept and Applications of Probability.
- Learner is able to understand the definitions, nature of Binomial, Poisson and Normal distributions.
- Learner has the knowledge of concept of Testing of hypothesis, Types of Errors, Standard deviations and Z – test , T – test and F-test for two variances and Chi – Square test.
- Learner has the knowledge of Correlation – Simple and Rank correlation coefficient in the case of two variables – multiple correlation, Meaning and importance of Regression Analysis.
- The Learner is able to understand the need of operation Research Techniques in Business Decisions and Basic concepts of LPP – Graphic solutions – Simplex method.



**AG & SG SIDDHARTHA DEGREE COLLEGE OF ARTS &
SCIENCE (AUTONOMOUS), VUYYURU.
PG DEPARTMENT OF COMMERCE**

Programme: II Mcom (2021-'22)

SEMESTER: III Sem

COURSE: COM 311- FINANCIAL ACCOUNTING AND PACKAGES

Course Objectives:

- ★ The objectives of this paper are to understand the concept and nature of Financial Accounting, Cost Accounting and Management Accounting.
- ★ To learn different Accounting Systems, preparation of Financial Statement and uses of different tools for performance evaluation.
- ★ To understand the preparation of Bank Reconciliation Statement, valuation of inventory.
- ★ To understand the Financial Analysis, its Objectives, techniques of financial analysis like ratio analysis.
- ★ To learn the preparation and uses of Funds Flow & Cash Flow Analysis.
- ★ To acquire the knowledge of Management Accounting, Marginal Costing and CVP analysis.
- ★ Finally, to provide learners, the knowledge about Accounting Package- Tally (Theory and practice).
- ★ It is also to understand the nature Variance analysis by the learners.

Programme Outcomes:

- ★ The Learner is equipped with the knowledge of preparing financial statements and their analysis.

- ★ The Learner is able to prepare Financial Statements and the usage of various Accounting tools for Analysis such as ratio analysis, funds flow and cash flow analysis.

- ★ One is also ready to understand the Computation of ratios to interpret the short term, long term financial position and profitability of the firms.

- ★ The learner is able to evaluate various practices of tally ERP 9.

**AG & SG SIDDHARTHA DEGREE COLLEGE OF ARTS & SCIENCE
(AUTONOMOUS), VUYYURU.
PG DEPARTMENT OF COMMERCE**

Programme: II Mcom (2021-'22)

SEMESTER: III Sem

COURSE: COM 312- BUSINESS COMMUNICATIONS

Course objectives:

- ★ To know about the communication in the business scenario.
- ★ To know various concepts of business communication in the business scenario.
- ★ To know about the various types of business letters using in the business.

Programme Outcomes:

- ★ Students able to write properly in business letters.
- ★ Students communication knowledge improved in the all format of business communication.



**AG & SG SIDDHARTHA DEGREE COLLEGE OF ARTS &
SCIENCE (AUTONOMOUS), VUYYURU.
PG DEPARTMENT OF COMMERCE**

Programme: II Mcom (2021-'22)

SEMESTER: III Sem

COURSE: COM 313- CORPORATE ACCOUNTING

Course Objectives:

- The Learner is equipped with the knowledge of The Learning objectives of this paper is to understand the concept and nature, Objectives, Scope & Role of Corporate Accountant.
- To understand Analysis and Interpretation of Financial Statements, Inflation Accounting.
- To learn different Methods of Valuation of Shares, Impact of Earnings on Share Valuation,
- To understand the Role of Fundamental Analysis and Technical Analysis in Share Valuation and Fair Value of a Share & Buy Back of Equity Shares.
- To learn Concept, Objectives, Users of Financial Reporting, Preparation of Consolidated Balance Sheet of a Holding Company with one Subsidiary, Consolidation of Profit of Loss Account & Consolidated Statement of Changes in Financial Position.
- To learn Human Resource Accounting, Environmental Accounting, Social Responsibility Accounting etc.

Programme Outcomes:

- The Learner is equipped with the knowledge of Methods of Valuation of Shares, Impact of Earnings on Share Valuation. Fair Value of a Share & Buy Back of Equity Shares
- One is also ready to understand the Preparation of Consolidated Balance Sheet of a Holding Company with one Subsidiary, Consolidation of Profit of Loss Account & Consolidated Statement of Changes in Financial Position.
- The Learner is able to understand Human Resource Accounting, Environmental Accounting, and Social Responsibility Accounting etc.



**AG & SG SIDDHARTHA DEGREE COLLEGE OF ARTS &
SCIENCE (AUTONOMOUS), VUYYURU.
PG DEPARTMENT OF COMMERCE**

Programme: II Mcom (2021-'22)

SEMESTER: III Sem

COURSE: COM 314-DIRECT TAXES

Knowledge of basic concepts of Direct Taxes for M.Com students will help them as professionals later in filing income tax returns, as well as utilizing the available resources.

Course Objectives:

- ★ The objectives of this paper are to understand the basic concept and nature of Direct taxes and income and agricultural income, Income Tax Act 1961, and incomes exempted under section 10.
- ★ To understand the definitions, nature and Computation of various heads of income under Income Tax Act.
- ★ To learn Computation of total income and assessment of tax liability of different persons like Individuals, HUF, a firm and a company.
- ★ To learn assessment of individual, HUF, a firm and a company.
- ★ To attain the knowledge of tax administration, about refunds, penalties, and procedures etc.

Programme Outcomes:

- ★ The Learner is equipped with the knowledge of computing different heads of Income such as salary, income from house property, business and profession, Capital gains and Income from other sources.
- ★ One is also ready to understand the Assessment of income of individuals, HUF, firms and companies.
- ★ Learner is able to compute total Income and tax liability of an individual, HUF, firms and a company.
- ★ Learner has the knowledge of how to assessment of individual, HUF, a firm and a company.
- ★ Learner has the knowledge of tax administration, about refunds, penalties, and procedures etc.



**AG & SG SIDDHARTHA DEGREE COLLEGE OF ARTS &
SCIENCE (AUTONOMOUS), VUYYURU.
PG DEPARTMENT OF COMMERCE**

Programme: II Mcom (2021-'22)

SEMESTER: III Sem

COURSE: COM 315-ADVANCED BANKING

Knowledge of basic concepts of advanced banking for M.Com students will help them as professionals later in advance banking tax returns, as well as utilizing the available resources.

Course Objectives:

- ★ The objectives of this paper are to understand the basic concept and nature of advanced banking, policy in developed and developing Economies.
- ★ To learn the Structure and Organization of Central Bank in india.
- ★ To learn assessment of Development of commercial banking in UK ,USA and india.

Programme Outcome:

The Learner is equipped with the knowledge of Basic Concepts in central banking, Functions, note issues, Banker to the Government, Structure and organization of RBI, Role of RBI as central bank.

- ★ One is also ready to understand the Structure and organization of central banking in India.
- ★ Learner is able to understand a critical study of theory and practices of Central Banking in India, USA and UK.
- ★ Learn has the knowledge of Recent development in commercial banking in USA, UK and India.



AG & SG SIDDHARTHA DEGREE COLLEGE OF ARTS & SCIENCE

**(AUTONOMOUS), VUYYURU.
PG DEPARTMENT OF COMMERCE
II M.Com, III SEM**

COM 316- INSURANCE AND RISK MANAGEMENT

Programme: II Mcom (2021-'22)

SEMESTER: III Sem

COURSE: COM 316- INSURANCE AND RISK MANAGEMENT

Course objectives:

- ★ To know about insurance risk management.
- ★ To know various concepts of insurance risk management
- ★ To know how insurance exist in the present market scenario.
- ★ To know what are risk involved in insurance management.

Programme Outcome:

- ★ Students are able to know insurance and its importance in the present market scenario.
- ★ Students are come to know various elements of insurance risk management in the market.
- ★ To know how insurance help in the citizen of the market.
- ★ To know how risks are overcome by the investors in the present market.

**NAME OF THE PROGRAMME:
M.Sc. ORGANIC CHEMISTRY**

**Name of the Course: General Chemistry
Semester: I**

Course: General Chemistry			
S.No	COURSE OUTCOMES	PO'S	PSO's
	The student will be able to		
1	Understand the significance of statistical rules and principles in quantitative analysis.	1,2,5	2,3
2	Assimilate the knowledge of various kinds of reactions, titrations and their applications.	1,2,6	3
3	Get equipped with the basic knowledge of Methods of purification, Drying techniques and Solvent extraction.	1,2,7	1
4	Get equipped with the knowledge of Chromatography techniques like as Adsorption, Column, Paper and Thin Layer chromatography	1,2,7	3
5	Test the conceptual knowledge gained in Gas Chromatography and High-Performance Liquid Chromatography	1,2,7	3

**Name of the Course: Inorganic Chemistry-I
Semester: I**

Course: Inorganic chemistry			
S.No	COURSE OUTCOMES	PO'S	PSO's
	The post graduate will be able to		
1	Understand the postulates, basic theory and advanced theory of Quantum chemistry.	1,2	1
2	Take up the knowledge of preparation, structure, bonding aspects and chemical properties of metal pi complexes, compounds of non – transitional elements and also spectral properties, magnetic properties and applications of Lanthanides and actinide complexes.	1,2,4	3
3	Assimilate the knowledge of non-valence cohesive forces, VSEPR theory, MO theory, MO diagrams and implications of MO theory.	1,2,7	3
4	Comprehend the bonding, structural aspects, properties and applications of complexes basing on CFT & MO theory and evidences in support of M-L bond.	1,2,3	1,3
5	Identify the significance of the thermodynamic stability of complexes, factors effecting, theories to explain stability and methods of determining the stability constant of complexes.	1,2,5	3

Name of the Course: Organic Chemistry-I
Semester: I

Course: Organic chemistry			
S.No	COURSE OUTCOMES	PO`S	PSO`s
	The post graduate will be able to		
1	Interpret the concept of aromaticity and the main properties of benzenoid and non-benzenoid aromatic compounds and distinguish between aromatic, non-aromatic and anti aromatic compounds by their structures and chemical consequence of aromaticity.	1,2,7	2,3
2	Understand the structure, stability, properties and generation of various reactive intermediates and reactive species and their role in organic reaction mechanisms.	1,2,5	1
3	Have a clear conceptual understanding of the nature of carbon-carbon multiple bond, various types of additions, with various reagents, mechanism, orientation and stereochemistry and also acknowledge some important synthetic reactions of CO and CN and crams rule.	2,6,7	2,3
4	Understand the definition types of elimination reactions and differentiate between the various mechanisms, orientation rules and perceives factors favouring elimination over substitution.	1,2,4	1
5	Have knowledge and understanding of various types of aliphatic and aromatic nucleophilic substitution reactions, their mechanisms, stereochemistry and various factors affecting nucleophilic substitution reactions	1,2,4	2

Name of the Course: Physical Chemistry-I
Semester: I

Course: Physical chemistry			
S.No	COURSE OUTCOMES	PO`S	PSO`s
	The student will be able to		
1	Understand the core areas of physical chemistry based around the theme of systems, states and process covered on thermodynamics.	1,2,7	1
2	Understand the important aspects of surface phenomenon and the physical chemistry involved in it.	1,2,5	2
3	Understand the basic concepts of electrochemical cells, concentration cells in producing electricity from chemicals.	1,2,7	2
4	Understand the theories of reaction rates, mechanisms of Collision theory, primary and secondary salt effects.	1,3,7	1,3
5	Understand the method of bond length, bond strength determination, identification of functional groups present in the molecule from the microwave and IR spectra of molecules.	1,2,6	3

Name of the Course: Inorganic Chemistry Practical
Semester: I

Course: Inorganic Chemistry Lab			
S.No	COURSE OUTCOMES	PO'S	PSO's
	The post graduate will be able to		
1	Understand the importance of Inorganic qualitative analysis and its use in research and industry.	1,2,5	2
2	Comprehend the procedures / tests for the identification of cations and anions.	1,2,6	3
3	Interpret the need for separation of interfering radical in Inorganic qualitative analysis.	1,2,3	2
4	Know that complexes can be synthesized by simple procedures.	1,2,6	2

Name of the Course: Organic Chemistry Practical
Semester: I

Course: Organic chemistry Lab			
S.No	COURSE OUTCOMES	PO'S	PSO's
	The post graduate will be able to		
1	Understand the importance of organic compound synthesis and its use in research and industry.	1,2,6	2
2	Understand the procedures for the different steps for the organic compound synthesis.	1,5,6	2
3	Understand the mechanisms for the synthesis of organic compounds in different steps.	1,2,7	3
4	Understand the recrystallisation of organic compound in various steps for the organic compound synthesis.	1,2,4	2

Name of the Course: Organic Spectroscopy
Semester: II

Course: Organic Spectroscopy		
S.No	COURSE OUTCOMES	PO'S
	The graduate will be able to	
1	Memorize the basic principles and theory involved in molecular absorption spectroscopy.	2,7
2	Comprehend the advanced concepts of molecular absorption spectroscopy.	1,2,5
3	Apply the knowledge of spectroscopy in establishing the structure of organic molecules.	1,5,7
4	Analyze the spectral data to ascertain the structure of unknown molecules.	1,4,2

Name of the Course: Inorganic Chemistry-II
Semester: II

Course: Inorganic chemistry		
S.No	COURSE OUTCOMES	PO'S
	The graduate will be able to	
1	Memorize the fundamental concepts of Metallic & non metallic clusters, Inorganic reaction mechanisms, organo metallic chemistry, electronic spectra & magnetic properties of complexes and bioinorganic chemistry.	2,7
2	Comprehend the basic and advanced concepts of metallic & non metallic clusters, Inorganic reaction mechanisms, organo metallic chemistry, electronic & magnetic properties of complexes and bioinorganic chemistry.	1,2,6
3	Apply the conceptual knowledge gained in the concepts of metallic & nonmetallic clusters, inorganic reaction mechanisms, organometallic chemistry, electronic & magnetic properties of complexes and bio inorganic chemistry in other fields of chemistry as well as in research.	1,2,7
4	Analyze the role of metallic & non metallic clusters / cages, inorganic reaction mechanisms, organo metallic chemistry, electronic & magnetic properties of complexes and bio inorganic chemistry in understanding the similarities and differences among the concepts of chemistry.	1,3,2
5	Assess that how far the concepts of metallic & non metallic clusters, Inorganic reaction mechanisms, organo metallic chemistry, electronic & magnetic properties of complexes and bioinorganic chemistry are useful in rendering theoretical explanations for the concepts in chemistry.	1,7,2

Name of the Course: Organic Chemistry-II
Semester: II

Course: Organic chemistry		
S. No	COURSE OUTCOMES	PO'S
	The student will be able to	
1	Understand the basic and advanced concepts of stereochemistry, conformational analysis, green chemistry, nanochemistry and named reactions.	2,7
2	Apply the concepts related to stereochemistry, conformational analysis, green and nano chemistry in establishing the mechanism of the reaction.	1,2,3
3	Assess that how far the knowledge gained in stereochemistry, green chemistry and nanochemistry is useful in understanding the nature of product.	1,5,6
4	Evaluate the role of stereochemistry, green principles and nano chemistry in establishing the mechanism of a reaction as well as in other areas of chemistry.	1,4,7

Name of the Course: Physical Chemistry-II
Semester: II

Course: Physical chemistry		
S.No	COURSE OUTCOMES	PO'S
	The student will be able to	
1	Remember the concepts of thermodynamics, polymer chemistry, electro chemistry, chemical kinetics, photo chemistry.	1,2,7
2	Understand the concepts of thermodynamics, polymer chemistry, electro chemistry, chemical kinetics, photo chemistry.	1,2,7
3	Apply the concepts of thermodynamics, polymer chemistry, electro chemistry, chemical kinetics, photo chemistry in research and other allied fields.	1,2,4
4	Analyze the role and significance of concepts of thermodynamics, polymer chemistry, electro chemistry, chemical kinetics, photo chemistry.	1,2,7
5	Evaluate the role of concepts of Symmetry and Group theory in chemistry and applications of group theory, construction of character tables.	1,2,7

Name of the Course: CHEMISTRY IN DAILY LIFE**Semester: II**

Course: CHEMISTRY IN DAILY LIFE		
S.No	COURSE OUTCOMES	PO'S
	The graduate will be able to	
1	Memorize the basic concepts related to chemistry in daily life like – chemistry Laboratory safety symbols, environmental chemistry, bioinorganic chemistry, vitamins, antibiotics and hormones.	2,7
2	Understand the concepts like chemistry Laboratory safety symbols, environmental chemistry, bioinorganic chemistry, vitamins, antibiotics and hormones.	1,2,6
3	Apply the knowledge gained in the concepts like chemistry Laboratory safety symbols, environmental chemistry, bioinorganic chemistry, vitamins, antibiotics and hormones in future job roles.	1,4,7

Name of the Course: Organic Chemistry Practical**Semester: II**

Course Learning Outcome(S): After studying this paper, students will acquire the knowledge of
Organic chemistry practical

Name of the Course: Physical Chemistry Practical**Semester: II**

Course Learning Outcome(S): After studying this paper, students will acquire the knowledge of
Inorganic and Physical chemistry experiments

Name of the Course: Advanced Organic Spectroscopy
Semester: III

Course: Advanced Organic Spectroscopy		
S.No	COURSE OUTCOMES	PO'S
	The student will be able to	
1	Summarize the principle, theory and advanced aspects of ^1H NMR, ^{13}C NMR, 2D NMR, ORD & CD spectroscopic techniques.	1,2,7
2	Display the knowledge gained in the areas of ^1H NMR, ^{13}C NMR, 2D NMR, ORD & CD spectroscopic techniques in chosen job role.	1,6,7
3	Interpret the spectral data of ^1H NMR, ^{13}C NMR, 2D NMR, ORD & CD in elucidating the structure of the molecule.	1,5,7
4	Assess that how far the spectral data of ^1H NMR, ^{13}C NMR, 2D NMR, ORD & CD are useful in establishing the structure of the molecule.	1,4,7

Name of the Course: ORGANIC REACTIONS & MECHANISMS
Semester: III

Course: Organic Reactions, Mechanisms & Green Chemistry		
S.No	COURSE OUTCOMES	PO'S
	The student will be able to	
1	Acquire sound knowledge of oxidations, reductions, molecular rearrangements, pericyclic reactions and photo chemistry.	2
2	Understand the concepts involved in oxidations, reductions, molecular rearrangements, pericyclic reactions and photo chemistry.	1,7
3	Apply the conceptual knowledge gained in oxidations, reductions, molecular rearrangements, pericyclic reactions and photo chemistry in chosen fields.	1,5,6
4	Analyse and categorise the various types oxidations, reductions, molecular rearrangements, pericyclic reactions and photo chemistry in a given reactions.	1,7,4

Name of the Course: ORGANIC SYNTHESIS**Semester: III**

Course: Organic Synthesis		
S.No	COURSE OUTCOMES	PO'S
	The student will be able to	
1	Memorize the concepts, principles and theories related to formation of C – C single bond, C – C double bond, Diel's Alder related reactions. Protecting groups and disconnection approach in organic synthesis.	2
2	Understand the role and significance of formation of C – C single bond, C – C double bond, Diel's Alder related reactions. Protecting groups and disconnection approach in organic synthesis.	1,7
3	Apply the conceptual knowledge gained in formation of C – C single bond, C – C double bond, Diel's Alder related reactions. Protecting groups and disconnection approach in organic synthesis as and when required.	1,6,4
4	Analyze the role of various reagents in carrying out the organic reactions like formation of C – C single bond, C – C double bond, Diel's Alder related reactions. Protecting groups and disconnection approach in organic synthesis.	1,3,5

Name of the Course: CHEMISTRY OF NATURAL PRODUCTS**Semester: III**

Course: CHEMISTRY OF NATURAL PRODUCTS		
S.No	COURSE OUTCOMES	PO'S
	The student will be able to	
1	Memorize the concepts related to Alkaloids, Terpenoids, Steroids, Flavonoids and Isoflavonoids and Pigments.	2
2	Understand the chemical role of Alkaloids, Terpenoids, Steroids, Flavonoids and Isoflavonoids and Pigments.	1,7
3	Execute the conceptual knowledge gained in the areas of Alkaloids, Terpenoids, Steroids, Flavonoids and Isoflavonoids and Pigments.	1,6
4	Analyze the role of methods involved in structure elucidation of Alkaloids, Terpenoids, Steroids, Flavonoids and Isoflavonoids and Pigments.	1,7

Name of the Course: POLYMER CHEMISTRY**Semester: III**

Course: POLYMER CHEMISTRY (code 20OECH - 2)		
S.No	COURSE OUTCOMES	PO'S
	The graduate will be able to	
1	Memorize the concepts related to polymer chemistry	2,7
2	Understand the concepts of polymer chemistry	1,7
3	Apply the knowledge gained in polymer chemistry in chosen job role.	1,6,7

Name of the Course: ORGANIC PREPARATIONS**Semester: III**

Course: Organic Preparations (CH3L1)		
S.No	COURSE OUTCOMES	PO'S
	The graduate will be able to	
1	Memorize the principle involved in various organic preparations.	2,7
2	Understand the mechanism involved in organic preparation.	1,2
3	Apply the knowledge of organic preparations in their chosen field.	3,4,6

Name of the Course: Mixture Analysis**Semester: III**

Course: Organic Preparations (CH3L1)		
S.No	COURSE OUTCOMES	PO'S
	The graduate will be able to	
1	Memorize the principle involved in various organic preparations.	2,7
2	Understand the mechanism involved in organic preparation.	1,2,7
3	Apply the knowledge of organic preparations in their chosen field.	3,4,6

NAME OF THE PROGRAMME: M.Sc.ORGANIC CHEMISTRY**PROGRAM OUTCOMES:-**

At the end of the program, the student will be able to

PO1: Critical Thinking:

Think critically and analyze chemical problems related to Inorganic, Organic, Physical and Analytical.

PO2: Effective Communication:

Understand the need for scientific communication in both written & oral forms and as well as the role of computers and software in solving problems related to chemistry and can use modern library tools to locate and retrieve scientific information about a topic, chemical or technique relating to chemistry.

PO3: Social Interaction:

Function individually and as a member or leader in team with the fundamental and advanced knowledge gained in the field of chemistry and other allied fields.

PO4: Effective Citizenship:

Apply conceptual knowledge gained in the field of chemistry to assess social, health, safety, legal and cultural issues and the relevant consequences of it.

PO5: Ethics:

Record and analyze the experimental results by maintaining professional ethics, responsibilities and norms of the scientific practices.

PO6: Environment and sustainability:

Understand the issues of environmental pollution and sustainable development.

PO7: Self directed & lifelong learning:

Engage in independent and lifelong learning of the concepts related to chemistry in broadest context of socio-technological changes.

PROGRAM SPECIFIC OUTCOMES:-

After successful completion of the programme, the graduate will be able all to acquire

PSO1: Self motivation towards global level research opportunities to pursue Ph.D Programme
Agreed approach of CSIR – NET examination.

PSO2: Required skill to have specific placement in R&D, pharmaceutical Industry and allied Divisions.

PSO3: Required knowledge to clear discipline specific competitive exams conducted by service Commission and other organizations.