DEPARTMENT OF CHEMISTRY

course outcomes :

PAPER-I - Inorganic & physical chemistry

* At the end of the course, the student, will be able to :
1. understand the basic concepts of p-block elements
2. Explain the difference between solid, liquid and gases in terms of intermolecular interactions.
3. Apply the concepts of gas equations, pH and electrolytes while studying other chemistry courses.

practical-I Analysis of SALT MIXTURE

course outcomes :

* At the end of the course, the student will be able to;
1. understand the basic concepts of qualitative analysis of inorganic mixture
2. Use glassware, equipment and chemicals and follow experimental procedures in the laboratory.
3. Apply the concepts of common ion effect, solubility product and concepts related to qualitative analysis.

paper II (Organic & General chemistry)

course outcomes :

At the end of the course, the student will be able to;
1. Understand and explain the differential behaviour of organic compounds based on fundamental concepts learnt.
2. Formulate the mechanism of organic reactions by recalling and correlating the fundamental properties of the reactants involved.
3. Learn and Identify many organic reaction mechanisms including free radical substitution, electrophilic addition and electrophilic aromatic substitution.
4. Correlate and describe the stereo chemical properties of organic compounds and reactions.

practical-II VOLUMETRIC ANALYSIS

At the end of the course, the student will be able to;
1. Use glassware, equipment and chemicals and follow experimental concepts / procedures in the laboratory
2. Understand and explain the volumetric analysis based on fundamental concepts learnt in ionic equilibria.
3. Learn and Identify the concepts of a standard solution, primary and secondary standards.
4. Facilitate the learner to make solutions of various molar concentrations this may include:
The concept of the mole; converting moles to grams; converting grams to moles; defining concentration; dilution of solutions; Making different molar concentrations.

II nd year :-

paper III (organic chemistry & spectroscopy)

course outcomes :-
At the end of the course, the student will be able to;
1. Understand preparation, properties and reactions of halo alkanes, halo arenes and oxygen containing functional groups.
2. Use the synthetic chemistry learnt in this course to do functional group transformations.
3. To propose plausible mechanisms for any relevant reactio

Practical-III Organic preparations and IR spectral Analys

on the completion of the course, the student will be able to do the following:
1. How to use glassware, equipment and chemicals and follow experimental procedures in the laboratory
2. How to calculate limiting reagent, theoretical yield, and percent yield.
3. How to engage in safe laboratory practices by handling laboratory glassware, equipment, and chemical reagents appropriately.
4. How to dispose of chemicals in a safe and responsible manner.
5. How to perform common laboratory techniques including reflux, decantation, crystallization, vacuo filtration.
6. How to create and carry out work up and separation procedures.
7. How to critically evaluate data collected to determine

4

the identify, purity and percent yield of products and to summarize findings in writing in a clear and concise manner.

paper IV (Inorganic, organic and physical chemistry)

course outcomes:

At the end of the course, the student will be able to:

1. To learn about the laws of absorption of light energy by molecules and the subsequent photochemical reactions.
2. To understand the concept of quantum efficiency and mechanisms of photochemical reactions.

practical - IV organic qualitative analysis lab

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

1. Use glassware, equipment and chemicals and follow experimental procedures in the laboratory.
2. Determine melting and boiling points of organic compounds.
3. Understand the application of concepts of different organic reactions studied in theory part of organic chemistry.

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paper V (Inorganic & physical chemistry)

course outcomes:

At the end of the course, student will be able to:

1. Understand concepts of boundary conditions and quantization probability distribution most probable of quantization values, uncertainty and expectation values.
2. Application of quantization to spectroscopy.
3. various types of spectra and IR use in structure determination.

practical - V

conducto metric and potentio metric Titrimetry Lab

course outcomes:

At the end of the course, the student will be able to:

1. use glassware, equipment and chemicals and follow experimental procedure in the laboratory.
2. Apply concepts of electrochemistry in experiments.
3. Be familiar with electro analytical methods and techniques in analytical chemistry which study an analyte by measuring the potential (volts) and/or current (amperes) in an electrochemical cell containing the analyte.

Staff Signature
1. [signature]
2. K. [signature]
3. D. [signature]
4. S. [signature]

6

Name of the Student	Class	Signature of student
1. G. Lalitha [illegible]	II BSc (MPCs)	G. Lalitha [illegible]
2. V. [illegible]	II BSc (MPCs)	V. [illegible]
3. [illegible]	II BSc (MPCs)	[illegible]
4. B. [illegible]	II BSc (MPCs)	B. [illegible] sai
5. R. Nagajyothi	II BSc (MPCs)	R. Nagajyothi
6. K. Sailaja	II BSc (MPCs)	K. Sailaja
7. [illegible]	II BSc (MPCs)	V. [illegible]
8. G. Anusha	II BSc (MPCs)	G. Anusha
9. [illegible]	II BSc (MPCs)	[illegible]
10. Bhagavathi	II BSc (MPCs)	[illegible]
11. [illegible] Sai	II BSc (MPCs)	[illegible]
12. B. Lalitha Bhavani	II BSc (MPCs)	[illegible] Bhavani
13. [illegible]	II BSc (MPCs)	[illegible]
14. G. [illegible]	II BSc (MPCs)	G. [illegible]
15. Y. [illegible]	II BSc (MPC)	Y. [illegible]
16. P. Lakshmi	II BSc (MPC)	P. Lakshmi
17. Ch. [illegible]	II BSc (MPC)	Ch. [illegible]
18. [illegible]	" (MPC)	[illegible]
19. Prasanna	II BSc (CBZ)	Prasanna
20. S. [illegible]	II BSc (CBZ)	S. [illegible]
21. [illegible]	II BSc (CBZ)	[illegible]
22. [illegible]	II BSc (CBZ)	[illegible]
23. [illegible]	II BSc (CBZ)	[illegible]
24. A. [illegible]	II BSc (CBZ)	[illegible]
25. Y. [illegible]	II BSc (CBZ)	Y. [illegible]
26. [illegible] Kumari	II BSc (CBZ)	[illegible] Kumari
27. Ch. [illegible]	II BSc (CBZ)	K. [illegible]
28. A. [illegible]	II BSc (CBZ)	[illegible]
29. Sk. [illegible]	II BSc (CBZ)	Sk. [illegible]
30. Y. Sai [illegible]	II BSc (CBZ)	Y. Sai [illegible]
31. Ch. [illegible]	II BSc (MPCs)	Ch. [illegible]

Name of the Student	Class	Signature
32. G. Uma	I BSc BZC	G. Uma
33. T. Sowmya	I BSc BZC	T. Sowmya
34. K. Prema Jyothi	I st BSc (CBZ)	K. Prema Jyothi
35. G. Lahari	I st BSc (CBZ)	G. Lahari
36. D. Ratnam	I st BSc (CBZ)	D. Ratnam
37. Y. Naga Jyothi	I st BSc (CBZ)	Y. Naga Jyothi
38. B. Kusuma	I st BSc (CBZ)	B. Kusuma
39. B. Jyothi Sandhya	I st BSc (CBZ)	B. Jyothi Sandhya
40. Ch. Naga Jyothi	I st BSc (CBZ)	Ch. Naga Jyothi
41. G. Lilly Joyce	I st BSc (CBZ)	G. Lilly Joyce
42. J. Balaji	III rd BSc (MCCS)	J. Balaji
43. G. Rupendra	III rd BSc (MPCS)	G. Rupendra
44. T. [illegible]	III BSc (MPC)	T. [illegible]
45. K. Manikanta	III BSc (MPCS)	K. [illegible]
46. K. Isaac	III BSc (MPCS)	K. Isaac
47. M. Balaji Prasad	III BSc (MPCS)	M. Balaji Prasad
48. Sk. Sai	I st B.Sc (MCCS)	Sk. Sai
49. Ch. Manju	I st B.Sc (MCCS)	Ch. Manju
50. K. Aswini	I st B.Sc (MCCS)	K. Aswini

Department of Botany

PROGRAMME OUT COMES

PO1 :- knowledge Empowerment :-
Empowered with knowledge of basic concepts, principles, the scientific theories related to various scientific phenomena and their relevance in the day-to-day life with an interdisciplinary approach.

PO2 :- Skill Enhancement :-
Equipped with skills of observations and logical inferences from the scientific experiments.

PO3 :- Values Enrichment :-
Enriched with values to respect the diversity of life and practice limited use of natural resources.

PO4 :- Social Responsibility and Extension :-
To be transformed to become stewards of Environment and Society.

PO5 :- Analytic Capacity :-
Apply ethical principles and commit to professional ethics and responsibilities in discharging his duties.

PO6 :- Self-directed and lifelong learning :-
Recognize the need for and have the ability to engage in independent, lifelong learning and adapt to technological changes in the globalize temperature.

PROGRAMME SPECIFIC OUT COMES.

PSO 1 :- Enables students to understand Plant morphology, Physiology, Anatomy, Embryology, Genetics of plants, Plant Identification, Plant Ecology and Human welfare, Medicinal values of plants, Pharmacognosy and phytochemistry and development of Organic farming for Sustainable Agriculture

PSO 2 :- Perform procedures as per laboratory standards in the areas of Taxonomy, Physiology, Ecology, tools and techniques of Zoology, Fish biology, Animal Biotechnology, Immunology and research methodology through field visits.

PSO3 :- Gains knowledge of small scale industries like sericulture, fish farming, butterfly farming and medical diagnostics. Understand the complex evolutionary processes.

V. Baiburu

Course Outcomes

Semester - I Paper - I:

Microbial Diversity, Algae and Fungi.

CO1 :- Explain origin of life on the earth.
CO2 :- Illustrate diversity among the viruses and prokaryotic Organisms and can categorize them.
CO3 :- Classify fungi, lichens, algae and bryophytes based on their structure, reproduction and life cycles.
CO4 :- Analyze and ascertain the plant disease symptoms due to viruses, bacteria and fungi.
CO5 :- Recall and explain the evolutionary trends among amphibians of plant kingdome for their shift to land habitat.
CO6 :- Evaluate the ecological and economic value of microbes, thallophytes and bryophytes.

V. Baiburu

Course out comes

Semester II

Paper II

Basics of Vascular plants and Phytogeography.

CO1 - Classify and compare pteridophytes and Gymnosperms based on their morphology, anatomy, reproduction and life cycle.

CO2 - Explain the process of fossilization and compare the characteristic of extinct and extant plants.

CO3 - Critically understand various taxonomical aids for identification of Angiosperms.

CO4 - Analyze the morphology for the most common Angiosperm plants of their localities and recognise their families.

CO5 - Evalute the ecological, ethnic and economic value of different Tracheophytes and Summarise their goods and services for human welfare.

V. Baiburu

Course out comes

Semester - II Paper - III

Anatomy and Embryology of Angiosperms, Plant Ecology and Biodiversity

CO1 - understand on the organization of tissues and tissue system in plants.

CO2 - Illustrate and interpret various aspects of embryology.

CO3 - Discuss the basic concepts of plant ecology, and evaluate the effects of anthropogenic and biotic factors on plant communities.

CO4 - Appraise various qualitative and quantitative parameters to study the population and community ecology.

CO5 - Correlate the importance of biodiversity and consequences due to its loss

CO6 - enlist the endemic/endangered flora and fauna from two biodiversity hot spots in India and assess strategies for their conservation.

V. Bai Br

10

S.No	Name of the student	class	Signature
1.	Ch. Naga Jyothi	I BSc	Ch. Naga Jyothi
2.	K. Mounika	I BSc	K. Mounika
3.	V. Meenakshi	I BSc	V. Meenakshi
4.	Ch. Keerthi	I BSc	Ch. Keerthi
5.	Ch. Harika devi	I BSc	Ch. Harika devi
6.	P. Sravani	I BSc	P. Sravani
7.	P. Sanjeetha	I BSc	P. Sanjeetha
8.	B. Rajeswari	I BSc	B. Rajeswari
9.	[illegible]	I BSc	[illegible]
10.	D. Ratnam	I BSc	D. Ratnam
11.	V. Anusha	I BSc	V. Anusha
12.	K. Hyma	I BSc	K. Hyma
13.	Y. V. Rafi	I BSc	Y. V. Rafi
14.	[illegible]	I BSc	[illegible]
15.	P. Pavan Kumar	I BSc	P. Pavan Kumar
16.	B. Sriram	I BSc	B. Sriram

Course out comes

Semester - IV Paper - IV

plant physiology and metabolism.

CO1 - Comprehend the importance of water in plant life and mechanisms for transport of water and solutes in plants

CO2 - Evaluate the role of minerals in plant nutrition and study deficiency symptoms

CO3 - Interpret the role of enzymes in plant metabolism

CO4 - Critically understand the light reactions and carbon assimilation pathways responsible for synthesis of foodin plants.

CO5 - Analyse the biochemical reactions in relation to nitrogen and lipid metabolism

CO6 - Evaluate the physiological factors that regulategrowth and development of in plants

CO7 - Examine the role of light on flowering and explain physiology of plants under stress conditions.

V. Bai Br

12

S.No	Name of the student	class	Signature
1.	A. Tejaswi	I year BSc	A. Tejaswi
2.	SK. Yasmeen	I year BSc	SK. Yasmeen
3.	K. Devi	II BSc	K. Devi
4.	B. Radhika	II BSc	B. Radhika
5.	T. Vamsi	II BSc	T. Vamsi
6.	P. Santhosh kumar	II BSc	P. Santhosh kumar
7.	P. Meghana	II BSc	P. Meghana
8.	V. Sai Kiran	II BSc	V. Sai Kiran
9.	E. Manya Sri	II BSc	E. Manya Sri
10.	A. prathyusha	II BSc	A. prathyusha
11.	M. Johny	II BZC	M. Johny
12.	G. Rama Lakshmi	II BZC	G. Rama Lakshmi
13.	D. Devi Durga	II BSc	D. Devi Durga
14.	M. Ankitha	II BSc	M. Ankitha
15.	M. Mercy	II BZC	M. Mercy

Course out comes 3

cell Biology, Genetics and plant Breeding

CO1 : Distinguish prokaryotic and Eukaryotic cells and Design the model of a cell.

CO2 : Explain the organization of a Eukaryotic chromosome and the structure of genetic material

CO3 : Demonstrate techniques to observe the cell and its components under a microscope

CO4 : Discuss the basics of Mendelian genetics, its variations and interpret inheritance of traits in living beings. elucidate the role of extra-chromosomal genetic material for inheritance of characters

CO5 : Evaluate the structure, function and regulation of Genetic material.

CO6 : Understand the application of principles and modern techniques in plant breeding

CO7 : Explain the procedures of selection and hybridization for improvement of crops.

V. Rajitha

19

S.No	Name of the student	class	Signature
1.	A. Tejaswi	II BZC	A. Tejaswi
2.	P. Meghana	II BZC	P. Meghana
3.	D. Geethasri	II BZC	D. Geethasri
4.	K. Sudheer	II BZC	K. Sudheer
5.	R. Reshma	II BZC	R. Reshma
6.	K. Devi	II BZC	K. Devi
7.	P. Santhosh kumar	II BZC	P. Santhosh kumar
8.	Sk. Yashmeen	II BZC	Sk. Yashmeen
9.	P. Neelima	II BZC	P. Neelima
10.	V. Sai kiran	II BZC	V. Sai kiran
11.	A. Prathyusha	II BZC	A. Prathyusha
12.	K. Karuna kumari	II BZC	K. Karuna kumari
13.	T. Vamsi	II BZC	T. Vamsi
14.	E. Navya Sri	II BZC	E. Navya Sri
15.	M. Johny	II BZC	M. Johny
16.	S. Mercy	II BZC	S. Mercy
17.	G. Rama Lakshmi	II BZC	G. Rama Lakshmi
18.	M. Ankitha	II BZC	M. Ankitha
19.	D. Devi Durga	II BZC	D. Devi Durga

Course out comes 13

ORGANIC FARMING AND SUSTAINABLE AGRICULTURE

CO 1 : To understand the organic farming and its benefits

CO 2 : To Acquire knowledge about green manuring and application of bio fertilizers

CO 3 : To know about botanical pesticides weed management

CO 4 : To gain practical knowledge about sustainable agriculture.

CO 5 : To gain practical knowledge about organic certification

V. Rajitha

16

S.No	Name of the student	class	Signature
1.	A. Hyma sri	3rd CBZ	A. Hyma sri
2.	B. Sharath vamprasad	3rd CBZ	B.S. V. prasad
3.	ch. Thanuja	3rd CBZ	ch. Thanuja
4.	B. Sudheer kumar	III CBZ	B. Sudheer kumar
5.	D. Padmini	III CBZ	D. Padmini
6.	G. Jashan ganesh	III CBZ	G. J. ganesh
7.	D. parimala	III CBZ	D. parimala
8.	K. tharushika	III CBZ	K. tharushika
9.	K. Durga bhavani	III CBZ	K. durga bhavani
10.	N. Praveen kumar	III CBZ	N. Praveen kumar
11.	P. Pavan kumar	III CBZ	P. Pavan kumar
12.	M. Anil babu	III CBZ	M. Anil babu
13.	T. Manasa	III CBZ	T. Manasa
14.	Y. Durga	III CBZ	Y. Durga
15.	B. Ravi chandra	III CBZ	B. Ravichandra
16.	D. Mery	III CBZ	D. Mery
17.	G. H. Javeri	III CBZ	G. H. Javeri
18.	K. Satya Vani	III CBZ	K. Satya vani
19.	M. Madhuri	III CBZ	M. Madhuri
20.	M. Aparna	III CBZ	M. Aparna
21.	M. Manika	III CBZ	M. Manika
22.	U. Lahari	III CBZ	U. Lahari
23.	V. Vignaneswari	III CBZ	Vigneshwari

Course out Comes 17

NURSERY, GARDENING AND FLORICULTURE

CO 1 : To gain practical knowledge about NURSERY management

CO 2 : To acquire knowledge land scape and home gardening

CO 3 : To understand propagation methods

CO 4 : To gain practical knowledge growing of ornamental plants

CO 5 : To gain practical knowledge commercial floriculture

V. Sai Bhanu

18

S.No	Name of the student	class	Signature
1.	B. Sudheer kumar	III CBZ	B. Sudheer kumar
2.	B. Sampath vinayakumar	III CBZ	B.S.V.prasad
3.	Ch. Jahanvi	III CBZ	Ch. Jahanvi
4.	D. Padmini	III CBZ	D. padmini
5.	A. Hyma Sri	III C.BZ	A. Hyma Sri
6.	K. Manushka	III CBZ	K. Manushka
7.	D. pasimala	III CBZ	D. pasimala
8.	G. Jashan ganesh	III CBZ	G. J. ganesh
9.	P. Pavan Kumar	III CBZ	P. Pavan Kumar
10.	K. Durga bhavani	III CBZ	K. durga bhavani
11.	N. Praveen kumar	III CBZ	N. Praveen kumar
12.	T. Manasa	III CBZ	T. Manasa
13.	M. Anil babu	III CBZ	M. Anil babu
14.	V. Durga	III CBZ	V. Durga
15.	S. Ravichandra	III CBZ	S. Ravichandra
16.	D. Mani	III CBZ	D. Mani
17.	G. H. Jyothi	III CBZ	G. H. Jyothi
18.	K. Satya vani	III CBZ	K. Satya vani
19.	M. Madhuri	III CBZ	M. Madhuri
20.	M. Aparna	III CBZ	M. Aparna
21.	M. Manisha	III CBZ	M. Manisha
22.	M. Sridevi	III CBZ	M. Sridevi
23.	U. Venkateswarlu	III CBZ	U. Venkateswarlu

Course out Comes 19

PLANT TISSUE CULTURE & PLANT BIOTECHNOLOGY

CO 1 : TO understand the plant tissue culture Research, principles, Totipotency, Thallus culture, Meristem culture, organ culture, Differentiation and Dedifferentiation's

CO 2 : TO know about cryo preservation, Embryo culture, production of Secondary metabolites, Applications of tissue culture.

CO 3 : understand the restriction endonuclease, cloning vectors, gene cloning.

CO 4 : TO understand the gene transfer and selection of transgenics

CO 5 : TO understand the applications of plant genetic engineering

V. Sai Bhanu

20

S.No	Name of the student	class	Signature
	Ch. Jahanvi	III CBZ	Ch. Jahanvi
	B. Sampath vinayakumar	III CBZ	B.S.V.prasad
	D. Padmini	III CBZ	D. Padmini
	D. pasimala	III CBZ	D. pasimala
	G. Jashan ganesh	III CBZ	G. J. ganesh
	A. Hyma Sri	III CBZ	A. Hyma Sri
	K. Durga bhavani	III CBZ	K. durga bhavani
	N. Praveen kumar	III CBZ	N. Praveen kumar
	K. Manushka	III CBZ	K. Manushka
	B. Sudheer kumar	III CBZ	B. Sudheer kumar
	M. Anil babu	III CBZ	M. Anil babu
	P. Pavan Kumar	III CBZ	P. Pavan kumar
	T. Manasa	III CBZ	T. Manasa
	V. Durga	III CBZ	V. Durga
	D. Mani	III CBZ	D. Mani
	G. H. Jyothi	III CBZ	G. H. Jyothi
	S. Ravichandra	III CBZ	S. Ravichandra
	K. Satya vani	III CBZ	K. Satya vani
	M. Madhuri	III CBZ	M. Madhuri
	M. Aparna	III CBZ	M. Aparna
	M. Manisha	III CBZ	M. Manisha
	M. Sridevi	III CBZ	M. Sridevi
	U. Venkateswarlu	III CBZ	U. Venkateswarlu

Course out Comes.

Semester - VI

PLANT DIVERSITY AND HUMAN WELFARE

CO 1: TO understand plant diversity (flowering plants) and macerations, wood (Tracheary elements, fibres)

CO2: TO identify exotic species - identification and morphological characteristics.

CO3: TO identify forest trees through bark, wood, Flowers leaves and fruits.

CO4: TO understand various methods of preservation and canning of fruits using additional on resources available in the Internet using modern ICT tools

CO5: TO understand and practice effective solid and liquid waste management systems in rural/urban areas.

V. Raj Sree

S.no	Name of the student	class	Signature
1.	D. Mary	III Bsc	D. Mary
2.	M. Sindhu	III BSc	M. Sindhu
3.	D. pratmila	III BSc	D. pratmila
4.	M. N. Ambika	III BSc	M. N. Ambika
5.	Y. Durga	III BSc	Y. durga
6.	T. Gangabhavani	III BSc	T. Gangabhavani
7.	K. Durga Bhavani	III BSc	K. Durga Bhavani
8.	M. Satya Vani	III BSc	M. Satya Vani
9.	M. Mounika	III BSc	M. Mounika
10.	N. Meghana Rajeswari	III BSc	N. M. Rajeswari
11.	V. Satya durga	III BSc	V. Satya Durga
12.	K. Hema	III BSc	K. Hema

Department Of History
Course Out Come
Semester - I
Ancient Indian History And Culture From Indus Valley Civilization to 13th A.D

- After successful completion of the above course the student will be able to identify various kinds of Sources and understand how history books are prepared.
- Increase the awareness of appreciation of history in the students own understanding

Semester - II
Medieval India history and Culture 1206 to 1764

- The student would be taught to understand the Socio – Economic and Cultural conditions of Medieval India.
- To analyze the Emergence of Composite Culture in medieval India

Semester –III
Late Medieval and Colonial History of India from 1526 to 1857

- To teach the students about the emergence of Mogul Empire and its consequences causes for decline and rise of Marathas
- Understanding the true nature of Europeans Especially British and how they conquered India and enacted Laws to benefit them
- *Why did Indians revolt* in 1857 causes and Consequences.

Semester –IV
Social Reform movement & Freedom Struggle Before 1857 & 1947

- To teach students about Socio – Cultural regions reforms in India which changed the very thinking of Indians of that Age.
- Freedom struggle and its impact on Indians Role of Gandhi and low Indians were influenced by Mahatma
- How partition of India became a bitter dream in India of the people of the then Age. And what the student learned about it
- Develop the Student in Historical Perspective reeded for Public Administration Human Resources. And Management to get Placements in Private and Public Sectors.
- Train students to face Competitive exams.

Semester –V
Age of Rationalism and Humanism
Modern world History from (1453-1821 A.D)

- Explain Geographical discoveries and their impact on the world.

- Summarizing the Evolution of Nation states and how it effected World Economy.
- Analyze the Consequences of Renaissance and Critically examine reformation.
- Make the student understand nation state
- Glorious revolution and its consequences
- Examine the Fight for Independence by the Americans against the British and the importance of Constitution for a stable country.

Semester – VI
Paper – VII –(A) Elective paper
History of Modern world from 1821 to 1948

- Learning about the impact of the nature and consequences of Industrial revolution.
- Why did it take so long for Italy & Germany to Unify and Consequences are taught to the Student.
- October Revolution in Russia – Impact on the World Reasons to be Studied.
- Great war, Paris Peace Treaty Woodrow Wilson and league of Nations
- Causes of Fascism and Nazism, results and consequences
- Telling the Student to know about United Nations its Structure Functions & Challenges faced by it

B.A. HISTORY, ECONOMICS, POLITICAL SCIENCES

Program Specific Outcomes

PSO1. Define what is History? Scope of History? Letting the Students know about Ancient Indian History, Understanding the basic concepts like National Income, Poverty, International Trade. Defining the role of Politics in Historyas well as Political Science.

PSO2. To analyze Mauryan Administration and comparing it with British Administration, To Understand Economic Importance of Various Sectors like Industry, Agriculture and Service Sector & also understanding Economics during Historical period. To understand Politics of the period including the present age.

PSO3. Foreign Invasions on India And its Impact on Agriculture, Foreign Trade,Economic studies and Political changes till Indian Independence.

PSO4. To provide Life Skills required for gainful employment by using Domain Knowledge – Such as : Historians, Historical Wrightings, Economic Surveys And Bureaucrats at various levels. To make the students patriotic , Respecting Ideals of Freedom Struggle and make them responsible citizens and political participation and providing the Knowhow for Economic Sustainability.

B.A. HISTORY, ECONOMICS, FUNCTIONAL TELUGU

Program Specific Outcomes

PSO1. Compare and Contrast various stages of Indian Civilization. Historic study of Literature promotes research bent in understanding Economic Aspects of Ancient Period

PSO2. Develop skills such as Sharp Thinking, Careful Observation, Critical Assessment, Balanced Evaluation, Comparision, and Contrast can be inculcated

PSO3. The Study of Section's of Religious works in Literature provide platforms for the study of History & Economics of Ancient Periods, provide necessary inputs for the present and future Generetions.

Name of the student

(1) P. Kamala
2. M. Saisha
3. K. Sravani
4. U. Papamma
5. K. Pavani Durga
6. K. Likitha niharika
7. R. Smiley
8. K. Deepthi
9. K. Durga Suneetha
10. S. Swathi Sri
11. P. Sudha rani
12. B. Sirisha
13. K. Jhansi
14. G. Sony
15. N. Nandini
16. K. Govardhani
17. S. Sai lakshmi
18. E. Saleem Raju
19. S. Sai Venkat
20. P. Jyothi BABU
21. M. Ramya
22. M. Sathya Lakshmi
23. D. Siddhamani
24. G. Ratna suhasini
25. T. Jayababy.
26. K. Vidyasagar
27. B. Chandrababu
28. T. L. no. Sai
29. Y. Srinivas.
30. P. Chinnadi
31. G. Sravani

BSC –MATHEMATICS (MPC, MPCS, MCCs &MSDs)

Course Outcomes

Course Code	Course Title	Course Outcomes
BSM11T	Differential Equations	CO-1. To understand the concepts of Exact and Linear Differential equations for solving D.E. **CO-2. Convert non exact equations to exact by using integrating factors** **CO-3.solve higher order linear differential equations.** **CO-4 Understand the concept of method of variation of parameters and Cauchy Euler equations and apply these methods for solving differential equations.**
BSM22T	Solid Geometry	CO-1.To understands Geometrical terminology for angles, triangles and circles. **CO-2.To understand plane and Line concepts** CO-3.To understand concepts of the sphere in three dimensional spaces CO-4.To use Mathematical concepts of cone in the real life
BSM33T	Abstract Algebra	CO-1.Analyse and demonstrate examples of sub groups, Normal sub groups and Quotient groups. CO-2.Use the concepts of Homomorphism and isomorphism for Groups. **CO-3Use various Canonical types of Groups** **CO-4. To understand the concepts of Cyclic groups and permutations.**

BSM44T	Real Analysis	CO-1 To understand get clear idea about Real numbers. **CO-2. Use the definition of convergence as they apply to Sequences and series.** **CO-3.Apply mean value theorems to the context of Real analysis.** **CO-4.Test the continuity and differentiability for Riemann integration of functions.**
BSM55T	Ring theory & Vector calculus	CO-1 To understand properties of rings **CO-2. Analyze and demonstrate examples of ideals and Quotient rings.** **CO-3.Use the concepts of Homomorphism and isomorphism for Rings.** **CO-4. To understand the concepts of Gauss divergence, Greens, stokes theorems and apply these theorems to the vector valued functions.**
BSM56T	Linear Algebra	**CO-1.Understand the concepts of vector spaces, subspaces, basis, dimension and their properties.** **CO-2** Understand the concepts of linear transformations and their properties. **CO-3.Apply Cayley Hamilton theorem to the problems for finding inverse of a matrix.** **CO-4.Learn the properties of inner product space and use orthogonality in inner product spaces.**
BSM67BT	Numerical Analysis	CO-1. Analyze the error concept in any such Numerical Approximation **CO-2. To understand the methods of Bisection, falseposition, iteration, Newton Raphson, Mullers and apply these methods for solving algebraic and Transcendental Equations.** **CO-3Implement various Numerical methods to the problems.** **CO-4.To understands the concept of Interpolation in Numerical Analysis.**

BSM68B1T	Advanced Numerical Analysis	**CO-1.** Understand and compare the results and problems of Curve Fitting **CO-2.** To understand the concepts of Numerical integration and apply these concepts in various types computer programmes. **CO-3.**Understand and compare the problems of solutions of Linear equations. **CO-4.** Determine Numerical solutions of Differential equations and apply these concepts to find functions.
BSM68B2T	Special Functions	**CO-1.**Analyse the definition of Hermite's polynomial and their properties. **CO-2.**To understand the definition of Legendre's equation, Recurrence formula for Legendre's equation. **CO-3.**Determine and Analyse the concepts of Bessel's equations and Generating functions. **CO-4.** Derive elementary properties of Beta and Gama functions and relation between beta and Gama functions.

PROGRAMME OUTCOMES:

1. Students have many opportunities to pursue Bank Jobs, as well as P.G. Courses such as M.Sc. Mathematics, M.C.A. , etc.
2. Thinking in a critical manner.
3. Learners will be able to prove their ability to engage in competitive Examinations.
4. Learners will acquire the skills like decision making , problem solving in day to day affairs.
5. Gain the knowledge of Logical thinking through theory and problems of Mathematics.

BSC – MATHS, PHYSICS, CHEMISTRY (MPC)

Program Specific Outcomes

PSO1. Understand the theoretical concepts of physical and chemical properties of Materials and the role of Mathematics in dealing with them in a quantitative way.

PSO2.Introduction to various courses like Group theory, ring theory

PSO3. Analyse the concepts of Mathematics, Physics, Chemistry and understand the Relation among them like Mathematical modeling of Physics and chemistry problems.

BSC – MATHS, PHYSICS, COMPUTER SCIENCE (MPCS)

Program Specific Outcomes

PSO1. Understand the concepts of vector spaces, Group theory

PSO2.Analyse the concepts of Mathematics, Physics, and computer science able to relate them in Numerical programming of models of Mathematical systems.

PSO3.Students will get the Knowledge, understanding, skills ,attitude from the Mathematics subject.

BSC – MATHS, CHEMISTRY, COMPUTER SCIENCE (MCCs)

Program Specific Outcomes

PSO1. Analyse the concepts of Mathematics and computer science able to use them in Algorithm decision.

PSO2. Analyse the concepts of Mathematics, Chemistry and computer science and understand the relation among them like Mathematical modeling of Chemistry, Numerical problems in Computer science and deriving the equations in Chemistry.

BSC – MATHS, STATISTICS, DATA SCIENCE (MSDs)

Program Specific Outcomes

PSO1. Acquire good knowledge and understanding to solve specific theorems and Problems in areas of Mathematics and statistics.

PSO2.Make connections of Mathematical ideas to other ideas both inside and outside of Maths.

	Name of the Student	Class	Signature of the Student
1.	B. pravallika	IST BSC	B. pravallika
2.	A. Ganesh	I st BSC	A. Ganesh
3.	B. Jyothikiran	I st BSc	B. Jyothikiran
4.	R.A.N.V. Durgasai	I BSC (MPCS)	R.A.N.V. Durgasai
5.	A. Gayathri	IBSC (MPCS)	A. Gayathri
6.	D. Lalita Sri	I BSC MPCS	D. Lalita
7.	P. Bhanu Sri	I BSC (MPCS)	P. Bhanu Sri
8.	G. Harika	I BSC (MPCS)	G. Harika
9.	G. Naveena	I BSC (MPCS)	G. Naveena
10.	B Sowmya	I BSC (MPCS)	B. Sowmya
11.	Y. Sonia	I B.SC (MPCS)	Y. Sonia
12.	V. Anitha Kumari	I st BSC (MPCS)	V.A. Kumari
13.	L. sowmya	I st BSC (MPCS)	L. Sowmya
14.	R. Simhadri Appanna	I st BSC (MPCS)	R.S. Appanna.
15.	V. Harish Kumar	I st BSC (MPCS)	V. Harish Kumar
16.	P. Jahnavi	I st BSC (MPCS)	P. Jahnavi
17.	P. Satya Sai krishna	I st BSC (MPCS)	P. Satya Sai
18.	M Muralikalyan	I st BSC (MPCS)	M Muralikalyan
19.	Ch. Sai	I st B.S.C (MCCS)	Ch. Sai
20.	Ch. manju	I st BSC (MCCS)	Ch. Manju
21.	K. Aswini venkateswari	I st BSC (MCCS)	K. A. venkateswari
22.	L. kiran babu	I st BSC (MCCS)	L. kiran babu
23.	K. Shaheem	I st BSC (MCCS)	K. Shaheem
24.	N. Dola Shiva Ganesh	I st B.SC (MCCS)	~~Ganesh~~ .
25.	M.S.D. Manikanta	I st B.SC (MCCS)	M.S.D. Manikanta.
26.	G.S.B.S.S.Sai	I st BSC (MCCS)	Gsai
27.	P.V. Naga babu.	I st B.SC [MCCS]	P.V. Naga babu.
28.	S.D.P.S Ranga Rao	I st B.SC [MCCS]	S.D.P.S Ranga Rao

II BSC (MPC, MPCS, MCCS & MSDS)

S.No	Name of the student	class	Signature
1	Bh. Vyshnavi Hounika	II BSC (MPC)	Bh. Hounika
2	Y. Triveni	II BSC (MPC)	Y. Triveni
3.	Ch. Supriya	II BSC (MPC)	Ch. Supriya
4	K. Tejeswaraji	II BSC (MCCS)	K. Tejeswaraji
5	G. Anusha	II BSC (MCCS)	G. Anusha
6.	S. Leela Bhavani	II BSC (MCCS)	S. Leela Bhavani
7.	U. Sailu	II BSC (MCCS)	U. Sailu
8	V. Navya	II BSC (MCCS)	V. Navya
9	G Lalitha devi	II BSC (MCCS)	G. Lalitha Devi
10	I. Kalyani	II BSC (MCCS)	I. Kalyani
11	B. Ramya Sri	II BSC (MCCS)	B. Ramya Sri
12	K. Nageswari	II BSC (MCCS)	K. Nageswari
13	V. Vijaya durga	II BSC (MCCS)	V. Vijaya durga
14.	D. Chinna Sai Ram	II BSC (MCCS)	D. C. Sai Ram.
15	A. Durga Rao	II BSC (MCCS)	A. Durga Rao
16.	K. ROHIT KUMAR	II BSC (MCCS)	K. Rohit Kumar
17	B. Sai Chaitanya	II BSC (MCCS)	B. Sai Chaitanya
18	K. Lokesh	II BSC (MCCS)	K
19.	Ch. M.J.S. Surya	II BSC (MCCS)	Ch. Samba Surya
20	P. Hemanth prakash	II BSC (MCCS)	P. Hemanth prakash
21.	Y. Vasthi Satya Sri	II BSC (MCCS)	Y. Vasthi satya sri
22.	A. Amrutha Durga	II BSC (MPCS)	A. Amrutha Durga
23.	G. Raghu Vindra Varma	II BSC (MCCS)	G. R. V. Varma
24.	A. Kanaka durga	II BSC (MPCS)	A. Kanaka durga
25.	A. Bhargavi	II BSC (MPCS)	A. Bhargavi
26.	K. Nalleen	II BSC (MCCS)	K. Nalleen.
27.	G. Prasanna kumari	II B.SC (MPCS)	G. P. kumari
28.	G. Rishpa lalitha	II B.SC (MPCS)	G. P. lalitha
29.	A. Neelima	II B.SC (MPCS)	A. Neelima
30	V. Vasu	II BSC (MPCS)	V. Vasu

H.T.	Name of the Student	Class	Signature
31.	CH. Stanley Peter	II BSc (MPCS)	CH. Stanley Peter
32.	K.S.V. Sandeep	II BSc (MPCS)	K.S.V. Sandeep
33	Ch. P.V. Ratesh	II B.Sc (MPCS)	Ratesh.
34	B. Dhanusaju	II BSC (MPCS)	B. Dhanusaju
35.	B. Durga Srinivas	II BSC (MPCS)	B. D. Srinivas.
36.	P. Harshitha	II BSC (MPCS)	P. Harshitha
37.	K. Raghavendra Rao	II BSC (MPCS)	K. Raghavendra Rao
38	M. Sudheer babu.	II BSc (MPCS)	M. Sudheer babu
39.	T. Uma Sai	II BSC (MPCS)	T. Umasai
	~~B. Dhanusaju~~	II BSC (MPCS)	B. Dhanusaju
40	N. Sravana Surya	II BSC (M.P.C.S)	N. Sravana Surya
41	V. Hasini	II BSc (MPCS)	V. Hasini
42	L. Suhasini	II BSC (MPCS)	L. Suhasini
43	M. Anitha	II nd BSC (MPCS)	M. Anitha

S.NO	Name of the Student	class	signature
1	D. Muddu Siva	III BSC (MPC)	
2.	Ch. Ashok kumar	III BSC (MPCS)	
3.	S. RAJESH	III BSC (MPC)	S.
4.	K. Issac	III BSC (MPCS)	K. Issac
5	T. Jahnavi	III B.SC (MPC)	T. Jahnavi
6.	V. Srivallika	III B.SC	V. Srivallika
7.	N. Lavanya	III B.SC	N. Lavanya
8.	G. Neelima	III B.SC	G. Neelima
9	Ch. Sainaga lakshmi	III B.SC	Ch. Sainagalakshmi
10	M. Bhavani	III B.SC	M. Bhavani
11.	M. Naganani	III B.SC	M. Naganani
12.	J. Balaji	III BSC (MCCS)	J. Balaji
13.	M. Ashok kumar	III B.SC (MCCS)	M. Ashok kumar
14.	S. J. Ganesh	III BSC (MCCS)	S. J. Ganesh
15.	K. Manoj Kumar	III BSC (MCCS)	K. Manoj
16.	T. Basava Mahendra	III BSC	T. B. Mahendra
17	M. Balaji praveen	III B.S C (MPC)	M. B. Praveen
18.	M. Naveen kumar	III BSc	M. N. kumar.
19.	P. Siva krishna	III B.C (MPC)	P. Siva krishna
20.	D. Srinu.	III B.S.C (MPC)	D. Srinu.
21.	P. Lakshminarayana	III BSC (MPCS)	P. Lakshminarayana
22.	P. Jahnavi	III BSC (MPC)	P. Jahnavi
23	Y. Venkatalakshmi	III BSC	Y. V. Lakshmi
24	K. Bhargavi	III BSC (MPC)	K. Bhargavi
25	Ch. Deepthi	III BSC	Ch. Deepthi
26	G. Bhavani	III BSC	G. Bhavani
27.	K. Yamini	III BSC (MPC)	K. Yamini.
28	D. Saibabu	III BSC (MPCS)	D. Saibabu
29	B. Jagadeesh	III Bsc (MCCS)	B. Jagadeesh.
30	M. venkatrao	III Bsc (MCCS)	M. venkatrao

S.NO	Name of the Student-	class	Signature
31	M. Naveen kumar	III BSc MCCS	M. Naveen kumar
32	T. Vinod	III BSc MCCS	T. Vinod
33	G. Rupendra	III B.Sc M.P.C	G. Rupendra
34.	Ch. Radha.	III B.Sc (MPC)	Ch. Radha.
35.	P. Laki babu	III B.Sc (M.P.C)	P. Laki babu
36	N. Rajagopal	III B.Sc (M.P.C)	N. Rajagopal
37	B. Padma	III BSc (MPCS)	B. Padma.
38	V. Amala kumari	III B.Sc (MPCS)	V. Amala
39	V. Vamsi krishna	III B.Sc (MPCS)	V. V. Krishna
40	A, Navya sri	III B.Sc (MP.C)	A, Navya sri
41.	K. MANIKANTA	III BSc (CMPCS)	K. Manikanta.
42.	G. Dinesh Babu	III BSc (M.P.C)	G. Dinesh Babu
43	B. Kiran kumar	III B.Sc (M.P.C)	B. Kiran kumar

శ్రీ అదేపల్లి సత్యనారాయణ మూర్తి ప్రభుత్వ కళాశాల

(స్వయం ప్రతిపత్తి)

పాలకొల్లు పశ్చిమగోదావరి జిల్లా

అభ్యాసన ఫలితాలు

తెలుగు విభాగం

జనరల్ తెలుగు

బి.ఏ., బి.కాం., బి.యస్సీ తదితర ప్రోగ్రాములు

కోర్సు - 1 : ప్రాచీన తెలుగు కవిత్వం

* అభ్యసన ఫలితాలు:-

ఈ కోర్సు విజయవంతంగా ముగించాక, విద్యార్థులు క్రింది అభ్యసన ఫలితాలను పొందగలరు.

1. ప్రాచీన తెలుగుసాహిత్యం యొక్క ప్రాచీనతను, విశిష్టతను గుర్తిస్తారు. తెలుగుసాహిత్యంలో తొలికవి నన్నయ కాలంనాటి భాషాసంస్కృతులను, ఇతిహాసకాలం నాటి రాజనీతి విషయాలపట్ల పరిజ్ఞానాన్ని సంపాదించగలరు.

2. శివకవుల కాలంనాటి మతపరిస్థితులను, భాషావిశేషాలను గ్రహిస్తారు. తెలుగు నుడికారం, సామెతలు, లోకోక్తులు మొదలైన భాషాంశాల పట్ల పరిజ్ఞానాన్ని పొందగలరు.

3. తొలిచిన భారతంనాటి మత, ధార్మిక పరిస్థితులను, తొలిచిన కవితాశిల్పాన్ని, నాటకీయతను అవగాహన చేసుకోగలరు.

4. ఎఱ్ఱన సూక్తివైచిత్రిని, ఇతిహాస కవిత్వంలోని విభిన్న కోణాలపట్ల అభిరుచిని పొందగలరు. శ్రీనాథుని కాలం నాటి కవితావిశేషాలను, మొల్ల కవితా విశిష్టతను గుర్తించగలరు.

5. తెలుగు పద్యం స్వరూప-స్వభావాలను, సాహిత్యాభిరుచిని పెంపొందించుకుంటారు. ప్రాచీన కావ్యభాషలోని వ్యాకరణాంశాలను అధ్యయనం చేయడం ద్వారా భాషాసామర్థ్యాన్ని రచనల మెళకువలను గ్రహించగలరు.

జనరల్ తెలుగు

బి.ఏ., బి.కాం., బి.యస్సీ తదితర ప్రోగ్రాములు

కోర్సు - 1 : ప్రాచీన తెలుగు కవిత్వం

* అభ్యసన ఫలితాలు:-

ఈ కోర్సు విజయవంతంగా ముగించాక, విద్యార్థులు క్రింది అభ్యసన ఫలితాలను పొందగలరు.

1. ప్రాచీన తెలుగుసాహిత్యం యొక్క ప్రాచీనతను, విశిష్టతను గుర్తిస్తారు. తెలుగుసాహిత్యంలో ఆదికవి నన్నయ కాలంనాటి భాషాసంస్కృతులను, ఇతిహాసకాలం నాటి రాజనీతి విషయాలపట్ల పరిజ్ఞానాన్ని సంపాదించగలరు.

2. శివకవుల కాలంనాటి మతపరిస్థితులను, భాషావిశేషాలను గ్రహిస్తారు. తెలుగు నుడికారం, సామెతలు, లోకోక్తులు మొదలైన భాషాంశాల పట్ల పరిజ్ఞానాన్ని పొందుగలరు.

3. తిక్కన భారతంనాటి మత, ధార్మిక పరిస్థితులను, తిక్కన కవితాశిల్పాన్ని, నాటకీయతను అవగాహన చేసుకోగలరు.

4. ఎఱ్ఱన సూక్తివైచిత్రిని, ఇతిహాస కవిత్వంలోని విభిన్న రీతులపట్ల అభిరుచిని పొందగలరు. శ్రీనాథుని కాలం నాటి కవితావిశేషాలను, మొల్ల కవితా విశిష్టతను గుర్తించగలరు.

5. తెలుగు పద్యం స్వరూప-స్వభావాలను, సాహిత్యాభిరుచిని పెంపొందించుకుంటారు. ప్రాచీన కావ్యభాషలోని వ్యాకరణాంశాలను అధ్యయనం చేయడం ద్వారా భాషాసామర్థ్యాన్ని రచనల మెళకువలను గ్రహించగలరు.

కోర్సు - 2 : ఆధునిక తెలుగు సాహిత్యం

1. ఆంగ్లభాష ప్రభావం కారణంగా తెలుగులో వచ్చిన ఆధునిక సాహిత్యాన్ని, దాని పరిణామాన్ని గుర్తిస్తారు.

2. సమకాలీన ఆధునిక సాహిత్య ప్రక్రియలైన 'వచన కవిత్వం, కథ, నవల, నాటకం, విమర్శ' లపై అవగాహన పొందుతారు.

3. భావకవులు, అభ్యుదయ కవితాధ్యయనం ద్వారా తెలుగు అస్తిత్వవాద ఉద్యమాల లక్ష్యాలను, ఆవశ్యకతను గుర్తిస్తారు.

4. కథాసాహిత్యం ద్వారా సామాజిక జ్ఞానాన్ని పొందుతారు. విజ్ఞానాల ద్వారా నవల, నాటక పరిస్థితులను తెలుసుకోవడం ద్వారా విజ్ఞానాన్ని సంపాదిస్తారు.

5. ఆధునిక తెలుగు కథాసాహిత్యం ద్వారా సామాజిక, సాంస్కృతిక రాజకీయ జ్ఞానాన్ని పొందుతారు.

కోర్సు - 2 : ఆధునిక తెలుగు సాహిత్యం

1. ఆంగ్లభాష ప్రభావం కారణంగా తెలుగులో వచ్చిన ఆధునిక సాహిత్యాన్ని, దాని విశిష్టతను గుర్తిస్తారు.

2. సమకాలీన ఆధునిక సాహిత్య ప్రక్రియలైన "వచన కవిత్వం, కథ, నవల, నాటకం, విమర్శ"లపై అవగాహన పొందుతారు.

3. భావకవిత, అభ్యుదయ కవితాలక్ష్యాలను గూర్చిన జ్ఞానాన్ని పొందుతారు. అస్తిత్వవాద దృక్పథాల ప్రభావాన్ని, ఆవశ్యకతను గుర్తిస్తారు.

4. కథాసాహిత్యం ద్వారా సామాజిక చైతన్యాన్ని పొందుతారు. సిద్ధాంతాల ద్వారా కాకుండా, వాస్తవ పరిస్థితులను తెలుసుకోవడం ద్వారా సిద్ధాంతాన్ని సమీక్షించగలరు.

5. ఆధునిక తెలుగు కల్పనాసాహిత్యం ద్వారా సామాజిక, సాంస్కృతిక, రాజకీయ చైతన్యాన్ని పొందుతారు.

కోర్సు - 3 : సృజనాత్మక రచన

* అభ్యసన ఫలితాలు:-

ఈ కోర్సు విజయవంతంగా ముగించాక, విద్యార్థులు క్రింది అభ్యసన ఫలితాలను పొందగలరు.

1. తెలుగు సాహిత్య అభ్యసన ద్వారా నేర్చుకున్న నైపుణ్యాలను, సృజనాత్మక నైపుణ్యాలుగా మార్చుకోగలరు.

2. విద్యార్థులు భాషాతత్వాన్ని, భాష యొక్క ఆవశ్యకతను, భాష యొక్క ప్రాధాన్యాన్ని గుర్తిస్తారు. మనిషి వ్యక్తిగత జీవనానికి, సామాజికవ్యవస్థ పటిష్టతకు భాష ప్రధానమని తెలుసుకుంటారు. తెలుగుభాషలోని కీలకాంశాలైన 'వర్ణం - పదం - వాక్యా'ల ప్రాధాన్యాన్ని గుర్తిస్తూ, వాగ్రూప - లిఖితరూప వ్యక్తీకరణ ద్వారా భాషానైపుణ్యాలను మెరుగుపరచుకోగలరు.

3. భాషానైపుణ్యాలను అలవరచుకోవడంతోపాటు వినియోగించడం నేర్చుకుంటారు. రచనా, భాషణా నైపుణ్యాలను సృజనాత్మక రూపంలో వ్యక్తీకరించగలరు.

4. ప్రాచీన పద్యరచనతో పాటు ఆధునిక కవిత, కథ, వ్యాసం, మొదలైన సాహిత్యప్రక్రియల నిర్మాణాలకు సంబంధించిన సిద్ధాంతవిషయాలను నేర్చడంతో పాటు వాటితో రచనా నైపుణ్యాలను పెంపొందించుకోగలరు.

5. సృజన రంగం, ప్రసారమాధ్యమ రంగాల్లో ఉపాధి అవకాశాలను అందిపుచ్చుకోగలరు.

6. అనువాద రంగంలో నైపుణ్యం సంపాదించగలరు.

కోర్సు - 3 : సృజనాత్మక రచన

* అభ్యసన ఫలితాలు:-

ఈ కోర్సు విజయవంతంగా ముగించాక, విద్యార్థులు క్రింది అభ్యసన ఫలితాలను పొందగలరు.

1. తెలుగు సాహిత్య అభ్యసన ద్వారా సేకరించుకున్న నైపుణ్యాలను, సృజనాత్మక నైపుణ్యాలుగా మార్చుకోగలరు.

2. విద్యార్థులు భాషాతత్వాన్ని, భాష యొక్క ఆవశ్యకతను, భాష యొక్క ప్రాధాన్యాన్ని గుర్తిస్తారు. మనిషి వ్యక్తిగత జీవనానికి, సామాజికవ్యవస్థ పటిష్టతకు భాష ప్రధానమని తెలుసుకుంటారు. తెలుగుభాషలోని కొలకాంశాలైన 'వర్ణం - పదం - వాక్యా'ల ప్రాధాన్యాన్ని గుర్తిస్తూ, వాగ్రూప - లిఖితరూప వ్యక్తీకరణ ద్వారా భాషానైపుణ్యాలను మెరుగుపరచుకోగలరు.

3. భాషానైపుణ్యాలను అలవరచుకోవడంతోపాటు వినియోగించడం నేర్చుకుంటారు. రచనా, భాషణా నైపుణ్యాలను సృజనాత్మక రూపంలో వ్యక్తీకరించగలరు.

4. ప్రాచీన పద్యరచనతో పాటు ఆధునిక కవిత, కథ, వ్యాసం, మొదలైన సాహిత్యప్రక్రియల నిర్మాణాలకు సంబంధించిన సిద్ధాంతవిషయాలను నేర్వడంతో పాటు వారిలో రచనా నైపుణ్యాలను పెంపొందించుకోగలరు.

5. సృజన రంగం, ప్రసారమాధ్యమ రంగాల్లో ఉపాధి అవకాశాలను అందిపుచ్చుకోగలరు.

6. అనువాద రంగంలో నైపుణ్యం సంపాదించగలరు.

ఫంక్షనల్ తెలుగు కోర్స్ అవుట్ కమ్స్:

సెమిస్టర్ - I

1. భాషలోని వర్ణం పదం పదాంశం మరియు ఆధునిక సంధి స్వరూపాన్ని తెలుసుకుంటారు.
2. వాక్యం వాక్యాల భేదాలు తెలుసుకుంటారు.
3. అర్థవిపరిణామం వర్గీకరణ లదానం లో రకాలు తెలుసుకుంటారు
4. ప్రమాణిక భాష మాండలిక భాష భేదాలు తెలుసుకుంటారు.
5. సమాజంలో నిత్యం మనం ఉపయోగించే జాతీయాలు లోకోక్తులు సామెతల గురించి తెలుసుకుంటారు.

సెమిస్టర్ - II

1. ఆధునికాంధ్ర సాహిత్యంలో లోని వివిధ ఉద్యమాలు గూర్చి తెలుసుకుంటారు.

2. ఆధునికాంధ్ర సాహిత్యంలోని వివిధ వాదాలను గూర్చి తెలుసుకుంటారు.

3. ఆధునికాంధ్ర సాహిత్యంలోని వివిధ ప్రక్రియలను గూర్చి తెలుసుకుంటారు.

సెమిస్టర్ - III

1. ముద్రణా మాధ్యమం యొక్క పరిచయం పరిధి వికాసాల గూర్చి తెలుసుకుంటారు.

2. వివిధ పత్రికలు పరిశీలించి ఆ పత్రికల్లో ఉపయోగించు పత్రికా భాషను శైలిని వైవిధ్యాన్ని తెలుసుకుంటారు.

3. తెలుగులో ముద్రణా సంస్థలు అకాడమీలు పత్రికా మాధ్యమవ్యవస్థలో ఉపాధి అవకాశాలు గురించి తెలుసుకుంటారు.

4. వార్త యొక్క లక్షణాన్ని తెలుసుకుని వార్తను రచించే విధానాన్ని తెలుసుకుంటారు.

5. పత్రికలో ప్రచురింపబడే వివిధ అంశాలను గూర్చి అవగాహన చేసుకుంటారు

సెమిస్టర్ - IV

లు

పేపర్ - 4

1. దృశ్య శ్రవణ మాధ్యమాల గురించి వివరంగా తెలుసుకుంటారు.

2. ప్రసార మాధ్యమాల్లో వెలువడే కార్యక్రమాల గురించి ప్రసారమాధ్యమాల రచన గురించి తెలుసుకుంటారు.

3. దృశ్య శ్రవణ మాధ్యమాలలో భాషా శైలి స్క్రిప్ట్ రచన డ్రాఫ్ట్ రచన కెమెరా రచన వార్తా రచన ఏ విధంగా చేయాలో నేర్చుకుంటారు.

4. దృశ్య శ్రవణ మాధ్యమాల్లో వాణిజ్య ప్రకటనలు ఇంటర్వ్యూలు ప్రత్యక్ష ప్రసారాలు సేరియల్స్ తెలుగు కొబోర్డ్ ల గురించి తెలుసుకుంటారు.

సెమిస్టర్ - IV

పేపర్ - 5

1. తెలుగు టైపింగ్ వివిధ లిపులు గూగుల్ unicode టైపింగ్ గురించి తెలుసుకుంటారు.

2. ఈమెయిల్ సోషల్ నెట్వర్క్ సర్వీసుల గురించి విద్యార్థులు తెలుసుకుంటారు.

3. వివిధ తెలుగు బ్లాగుల గురించి తెలుసుకుని వాటిని పరిశీలిస్తారు.

4. ఇంటర్నెట్ యాక్సెస్ వెబ్ బ్రౌజింగ్ చేయడంలోని మెలకువలను తెలుసుకుంటారు. కవర్ పేజి డిజైనింగ్ చేసే విధానాలను తెలుసుకుంటారు.

5. తెలుగు వికిపీడియా గూర్చి పరిచయం చేసుకుని తెలుగు సాహిత్యానికి వికిపీడియా చేసే సేవను గూర్చి తెలుసుకొని దానిని ఉపయోగించే విధానాలను తెలుసుకుంటారు.

S.NO	NAME	Group	Singture
1.	B. Vijay Babu	II B.Com(CA)	B. Vijay Babu
2.	A. Lokesh	I BBA(DM)	~~A [illegible]~~
3	ch. vijay Raju	II B.com (C.A)	ch. vijay Raju
4	S. Swamy	II B.com (CA)	S. Swamy
5.	P.D.S.S. [illegible]	II B.com(CA)	P.D.S.S. [illegible]
6	A. Chaitanya [illegible] Sai	I B.com (CA)	A. Chaitanya
7.	D.D.N. Sai	II B.com(CA)	D. Devi [illegible] Sai
8.	B. Joshi	II nd B.COM(CA)	B. Joshi
9.	D SujeRao	II nd B. com (Gen)	D SujeRao
10.	T. Satyam	II nd B. com (CA)	T. Satyam
11.	K. Chandu [illegible] Kumar	II nd B.Com(CA)	K. Chandu
12	v. Naga venkata Sai	II nd B.com(CA)	v. Naga venkata Sai
13	K. Hari Prasad	II nd B.com(CA)	K. Hari Prasad
14.	K. Suresh	II nd B.com(CA)	K. Suresh
15.	M. prasanthi	II nd B.com(Gen)	M. prasanthi.
16.	G. leela sri durga	II nd B.com(CA)	G. lels. Durga.
17.	K. Ramya	II nd B.com(Gen)	K. Ramya
18.	T. Durga	II nd B.COM(G)	T. Durga.
19	E. Kavya sri	II nd B.com(G)	E. Kavyasri
20	K. Spandana	II nd B.com(G)	K. Spandana
21	K. Naga satya Eswari	II nd B.com	K. Naga satya Eswari
22	D. kavya	II nd B.com(G)	D. kavya
23.	D. saradha	II nd B.com(G)	D. Saradha
24.	U. Renuka	II nd B.com(CA)	U. Renuka.
25	D. Janakisai	II nd B com(CA)	D. Janaki
26	K. Anushka	II nd B com(CA)	K. Anushka
27	S. Divija Rani	II nd B.com(CA)	S. Divija Rani.
28	P. Sirisha	II nd B.Com(G)	P. Sirisha
29.	K. Mounika	II nd B.com(G)	K. Mounika
30.	T. Pavani	II B. Com (G)	T. Pavani
31.	A. Joice Mary	II B. Com (CA)	A. Joice Mary
32.	M. Sravani	II nd B.Com (Gen)	M. Sravani
33.	B. Baby shalini	II nd B.com (G)	B. Baby shalini

:20

S.NO	NAME	Group	Signature
34.	P. leela lavanya	II nd B.com(Gen)	P. leela lavanya
35.	D. Priyanka	II nd B.com (CA)	D. Priyanka
36.	P. Ramya	II nd B.com (CA)	[illegible]
37.	K. sailaja	II nd BCom CA	K. Ramya.
38	S.kumari lakshmi priya	II B.com (CA)	SK.L.Priya.
39.	ch. Satya mani	II B.com (CA)	ch. Satya
40.	G. Hema Sri	II B.Com (CA)	[illegible]
41.	G.S. vydehi	II B.com (CA)	[illegible]
42.	K.Durga Shanmukhi	II B.Com (CA)	K. Durga Shkhi
43	P. Sandyana	II BCom(CA)	P. Sandya
44.	K.vijayalakshmi	II BCOM(C.A)	K.vijayalakshmi
43.	D. Sirisha	II B.Com (C.A)	D. Sirisha
44.	G.keerthi	II B.com(CA)	G.keerthi
45.	B. Rathika	II B.Com(CA)	B.Rathika
46.	V. Sai kumari	II B.Com (CA)	V. Sai kumari
47	M. Ramya	II B.Com (CA)	M. Ramya.
48	K.lakshmi Priya	II B.com (CA)	K.L.Priya
49	D.kavya	II B.com (CA	D. kavya.
50	B Akila Surya kumari	II B.com (CA)	B. Akhila.
51.	p. Bindu Madhavi	II B.com (CA)	p. Bindu Madhavi
52.	T. Mouni	II B.COM(CA)	T. Mouni.
53.	Y. Pavani	II B.com (CA)	Y. Pavani
54.	R. Bhagya Latha	II B.com (G)	R. Bhagya Latha
55.	k. Siva Ganga Bhavani	II B.B.A (CM)	k. S. G. Bhavani
56.	P. kusuma Priya	II B.com (G)	P. kusuma Priya
57	M.vajaya	II B.Com(V)	M.Vijaya
58	G.Ravikumari	II B.B.A	[illegible]
59	M.Ruk[illegible]	II B.BA	M.Ruk[illegible]
60,	K.surya	II B.B.A	K.surya
61,	K.naga	II B.BA	K.naga.
62,	A.lokesh	II B.B.A	A.lokesh.
63,	T. USHA	I st B.com(CA)	T.usha
64,	K.Naga sri	I st B.com(CA)	K.Nagasri

S.NO	NAME	Group	Signature
65	G. Suvarna latha	I BCom (CA)	G. Suvarna latha
66	V. Nandini kumari	I st B.Com(CA)	V. Nandini kumari
67	D venkata Sirisha	I st B.com(CA)	D venkata Sirisha
68	Ch. Vaishnavi	I st B.com(CA)	Ch. Vaishnavi
69	I. Vijaya	I st B.Com (A)	I. Vijaya
70	Ch. Prasanna	I st B.com(CA)	Ch Prasanna
71	Ch. mamataa	I st B.com(CA)	Ch. mamatha
72.	B. Ashok Reddy	I st B.com(CA)	B Ashok
73.	Ch. chakra kesava	I st B.COM(A)	Ch. chakra kesava.
74.	I. veera mahesh	I st B.COM(A)	I.V. Mahesh.
75	P. Bobby Narasimharao	I st B.com(CA)	P. Bobby
76	Ch. Shyam Kumar	I st B.com(CA)	Ch. Shyam
77	P. Sai Kiran	I st B.Com(CA)	P. S
78	M. veeraj	I st B.com(CA)	M. veeraj
79	K. ganesh	I st B.Com.	K. Durga Ganesh
80	K. sunny	I st B.Com(CA)	K. sunny
81	ch. pavankaju	I st B.com(CA)	ch. pavankaju.
82	M. Pradeep kumar	I st B.com(CA)	M. pradeep kumar
83	R. Sai	I st B.com(CA)	R Sai
84	S. Kishore	I st B.com(CA)	S. Kishore
85.	G. Santhi Swaroop	I st B.com(CA)	G. Santhi
86.	U. Prakash	I st B.Com(CA)	U. Prakash
87.	U. Rajesh	I st B.Com(CA)	U. Rajesh
88	P. vijay kumar.	I st B.Com(CA)	P. vijay kumar
89.	N. sekhar	I st B.com(CA)	N. sekhar
90.	Ch. Shyam kumar	I st B.com CA	Ch. Shyam
91.	V. John son	I st B.com(CA)	V John Son
92.	G. Satya siva prasad	I st B.com(C.A)	G. Satya siva Prasad
93.	M. Ganesh	I st B.com(CA)	M. Ganesh
94	B. Raj Kiran	I st B.com (A)	B. Raj kiran
95	B. Akhil	I st B.Com(CA)	A Akhil
96.	N. Anesh	I st B.com(CA)	N. Anesh
97.	V. Anil	I st (B.com(CA)	V. Anil

Sp

97	M. Santhosh	B.Com (C.A)	M. Santhosh.
98	G. Adi	Bcom (C.A)	G. Adi
99	B. Akhil	B.Com (C.A)	B. Akhil
100			
101	Sivaprasad	B. Com (C.A)	Sivaprasad
102	Prasanth	B. Com (C.A)	Prasanth
103	P. Tarun	B.A (HEP)	P. Tarun
104	K. Vijay.	B. Com (C.A).	K. Vijay

BS
Signature of Lectures Incharge

Signature of the Princip

PRINCIPAL
Sri A.S.N.M. GOVT. COLLEGE (A)
PALAKOL-534 260, W.G.DIST.

97	M. Santhosh	B.Com (CA)	M. Santhosh.
98	G. Adi	Bcom (C.A)	G. Adi
99	B. AKHIL	B.Com (C.A)	B. Akhil
100			
101	Suvarsha	B. Com (CA)	Suvarsha
102	Prashanth	B. Com (CA)	Prashanth
103	P. Tarun	B.A (HEP)	P. Tarun
104	K. Vijay.	B.Com (CA).	K. Vijay

BS
Signature of Lecturer Incharge

Signature of the Principal

PRINCIPAL
Sri A.S.N.M. GOVT. COLLEGE (A)
PALAKOL-534 260, W.G.DIST.

SEMESTER - II

2

Paper title :- Animal diversity - Biology of chordates

Course Outcomes :-

- Describe general taxnomic rules on animal classification of chordates.
- classify protochordata to Mammalian with taxnomic keys.
- Understand Mammals with specific structural adaptations
- understand the origin and evolutionary relationship of different phyla from protochordata to mammalian.

Learning Objectives :-

- To understand the animal kingdom.
- To understand the taxonomic position of protochordata to Mammalian.
- To understand the body organization of chordata.
- To understand the general characteristics of animals belonging to Fishes to Reptilians
- To understand the taxonomic position of prottherian mammals.

Signature of the Staff

1) M. Ramesh

2) P. Jyotsna

SEMESTER - III

paper Title :- Cell Biology, Genetics, Molecular Biology and Evolution

Course Outcomes :-

- To understand the basic unit of the living organisms and to differeniate the organisms by their cell structure.
- 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
- understand the Central dogma of molecular biology and flow of genetic information from DNA to proteins.

Learning 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 activites.
- To provide knowledge on origin of life, theories and forces of Evolution.
- To understand the role of Variations and mutations in evolution of organisms.
- To provide the history and basic concepts of heredity, Variations and gene interaction.

Signature of the staff

1) M. Ra...
2) P. Jyotsna sri

SEMESTER-IV Paper-4

Paper Title: 4 Animal physiology, Cellular Metabolism and Embryology

Course Outcomes :-

- Understand the functions of important animal physiology, cellular metabolism and renal systems.
- Understand the muscular system and the neuro-endocrine regulation of animal growth, development and metabolism with a special knowledge of hormonal control of human reproduction.
- Describe the key events in early embryonic development starting from the formation of gametes upto gastrula ion and formation of primary germ layers.

Learning Objectives:-

- To achieve a thorough understanding of various aspects of physiology systems and their functioning in animals.
- TO instil the Concept of hormonal regulation of physiology, metabolism and reproduction in animals.
- To make students gain proficiency in laboratory techniques in biochemistry and orient them to apply the scentific method to the process of experimentation and hypothesis testing

* Signature of the Staff

1) M. Rama
2) P. Jyotsna

SEMESTER - IV Paper - 5

Paper Title :- Immunology and Animal Biotechnology

Course Outcomes :

- To get knowledge of the organs of Immune System, types of immunity, cells and organs of immunity.
- To describe immunological response as to how it is triggered and regulated.
- Get familiar with the tools and techniques of animal biotechnology.
- Understand the applications of Biotechnology in the fields of industry and agriculture including animal cell / tissue culture, stem cell technology and genetic engineering.

Learning Objectives

- To trace the history and development of immunology
- To provide students with a foundation in immunological processes
- To get insight in applications of recombinant DNA technology in agriculture, production of threapeutic protiens
- To understand principles of animal Culture, media preparation
- To provide knowledge on animal cell and tissue culture and their preservation.

* Signature of the staff

1) M. Ramu
2) P. Jyotsna sri

SEMESTER - V

Paper Title :- GA - Sustainable Aquaculture Management

Course outcomes :-

- Students at the successful completion of this course will be able to evaluate the present status of aquaculture at the Global level and national
- classify different types of ponds used in aquaculture
- Demonstrate induced breeding of carps
- Acquire critical knowledge on commerical importance of shrimps.

Learning Outcomes

On successful completion of this practical Course, Student shall be able to:

- Identify the characters of fresh water cultivable species
- Etimate physico chemical characteristics of water used for aquaculture.
- Examine the diseases of fin and shell fish
- Suggest measures to prevent diseases in aquaculture.

Paper Title :- 7A :- postharvest Technology of fish and fisheries.

Course Outcomes

Students at the Successful Completion of this Course will be able to

- Identify the types of preservation methods employed in aquaculture
- Choose the suitable processing methods in aquaculture
- Maintain the standard quality control protocols laid down in aqua industry.
- Identify the best seafood quality assurance system.

Learning Outcomes

on successful Completion of this practical course students shall be able to:

- Identify the quality of aqua processed products.
- Determine the quality of fishery by products by observation.
- Analyze the protocols of aqua processing methods.

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S.No	Name of the Student	Class	Register Number	Signature
1.	N. Gowri sankar	II BSC	2128005	N. Gowri sankar
2.	K. Hyma Durga Bhavani	II BSC	2123014	K.H.D. Bhavani
3.	Ch. Naga Jyothi	II BSC	2123006	Ch. Naga Jyothi
4.	D. Ratnam	II BSC	2123007	D. Ratnam
5.	K. Anu	II BSC	2123015	K. Anu
6	K. Prema Jyothi	II BSC	2123016	K. Prema Jyothi
7	G. Lilly Joyce	II BSC	2123010	G. Lilly Joyce
8.	Y. Naga Jyothi	II BSC	2123025	Y. Naga Jyothi
9.	B. Jyothi Sandhya	II BSC	2123002	B. Sandhya.
10	B. kusuma	II BSC	2123005	B. kusuma
11.	T. Sravya	II BSC	2123018	T. Sravya
12.	G. Uma	II BSC	2123009	G. Uma
13.	V. Geetanjali	II BSC	2123021	V. Geetanjali
14.	G. Lahari	II BSC	2123011	G. Lahari
15	A. Thanuj	II BSC	2123001	[illegible]
16	L. Siva Ganesh	II BSC	212800[illegible]	L. Siva Ganesh
17	B. Govind	II BSC	2128002	B. Govind.
18	K. mounika	II B.SC	2123017	K. mounika.
19	B. Navya	II B.SC	2123003	B. Navya.
20	B. Sindhu	II B.SC	2123004	B. Sindhu
21	V. Anusha	II BSC	21230023	V. Anusha.
22	G. Narasimha Swamy	II BSC	212300	G. Nara Simha Swamy

SRI A. S. N. M. GOVERNMENT COLLEGE (A), PALAKOL

NAAC Reaccredited 'B' Grade (CGPA)

Website: www.sriasnmgdcpalakol.ac.in **Email:** sriasnmgdc@gmail.com

DEPARTMENT OF COMPUTER SCIENCE

BSC – MATHS, PHYSICS, COMPUTER SCIENCE (MPCS)

Program Specific Outcomes

PSO1. Understand the theoretical concepts of physical and chemical properties of Materials and the role of Mathematics in dealing with them in a quantitative way.

PSO2. Understand the concepts of vector spaces, group theory, quantum mechanics, and optical, thermal, electrical, mechanical properties of a materials, algorithm design and data bases.

PSO3. Analyse the concepts of mathematics, physics and computers science able to relate them in numerical programming of models of physical systems.

PSO4. Ability to interlink the skills developed and acquires an aptitude to address the problems in simulations of material properties, web and mobile app development.

BSC – MATHS, CHEMISTRY, COMPUTER SCIENCE (MCCS)

Program Specific Outcomes

PSO1. Understand the theoretical concepts of physical and chemical properties of Materials and the role of Mathematics in dealing with them in a quantitative way.

PSO2. To explain nomenclature, stereochemistry, structures, reactivity, and mechanism of the chemical reactions.

PSO3. Analyse the concepts of mathematics, computers science able to relate them in numerical programming of models of physical systems.

PSO4. Ability to interlink the skills developed and acquires an aptitude to address the problems in simulations of material properties, web and mobile app development.

BSC – MATHS, STATISTICS, DATA SCIENCE (MSDS)

Program Specific Outcomes

PSO1. Understand the theoretical concepts of physical and chemical properties of Materials and the role of Mathematics in dealing with them in a quantitative way.

PSO2. Analyse the tools and techniques of mathematics and statistics to economic theory.

PSO3. Analyse the concepts of mathematics, statistics and computers science able to use them in algorithm design and data science.

PSO4. Ability to interlink the skills developed and acquires an aptitude to address the problems in real data analysis, analytics, and visualization.

II. PROGRAM SPECIFIC OUTCOMES(PSO's) of B.Sc(M.P.CS), B.Sc(M.C.CS), B.Sc(M.S.DS) and B.Com(Computers)

1. Studentshavemanyopportunitiesin bankingsector, finance and software jobs.
2. Students have many opportunity to study higher studies like M.Sc, MCA and MBA for B.Sc students and M.Com, MBA for B.Com Students.
3. Learners will acquire the skills; like decision making, problem solving in day to day affairs.
4. GaintheknowledgeofLogicalthinkingthroughtheoryand problemsof Mathematics.
5. Developresearchorientedskills.

III. COURSE OUTCOMES) of B.Sc(M.P.CS) and B.Sc(M.C.CS)

Sl. No.	Course Code	Course Name	Course Outcomes
1	BSCS11	Problem Solving in C	**CO-1**. Understand the evolution and functionality of a Digital Computer **CO-2.** Apply logical skills to analyze a given problem **CO-3.**Develop an algorithm for solving a given problem. **CO-4.**Understand 'C' language constructs like Iterative statements, Array processing, Pointers. **CO-5.**Apply 'C' language constructs to the algorithms to write a 'C' language program.
2	BSCS22	Data Structures using C	**CO-1**. Understand the concept of Dynamic memory management, data types, algorithms, Big O notation. **CO-2.** Remember and understand basic data structures such as arrays, linked lists, stacks and queues. **CO-3.**Design and develop programs using various data structures **CO-4.** Analyze complexities for various data structures **CO-5.** Develop ability to implement different Sorting and Search methods

COMMUNICATION OF CO'S to Students

3	BSCS33	Database Management System	**CO-1.**Understand fundamental concepts of various databases and its applications **CO-2**.Design ER models for real time scenarios. **CO-3.**Design relational models for various real time scenarios **CO-4.** Apply various constraints on tables using SQL queries **CO-5.** Create a small database using structured query language.

4	BSCS44	Object Oriented Programming using JAVA	**CO-1.** Understand the benefits of a well-structured program and features of java **CO-2.** Understand underlying principles of Object-Oriented Programming in Java **CO-3.** Develop problem-solving and programming skills using OOP concepts **CO-4.**Apply keywords of exception handling and OOP principles in solving real time problems **CO-5.** Develop the ability to solve real-world problems through software development in high-level programming language like Java
5	BSCS45	Operating Systems	**CO-1.** Understand Operating System Architectural design and its services **CO-2.** Understand various process management concepts including scheduling, threading **CO-3.** Apply process scheduling techniques to efficiently run various applications **CO-4.** Analyze the concept of memory management techniques **CO-5.** Create various files in local host using file management concept and protect files using software

6	BSCS56	Software Engineering	**CO-1**.Ability to gather and specify requirements of the software projects. **CO-2**.Analyse software requirements with existing tools **CO-3**.Abletodifferentiatedifferenttesting methodologies and apply the basic project management practices in real life projects **CO-4**.Apply software development models, Abilitytoworkinateamaswellas independentlyonsoftwareprojects
7	BSCS67C	Web Technologies	**CO-1**. Understandthewebarchitecture and webservices. **CO-2**.Topracticelatestwebtechnologies and tools by conducting experiments. **CO-3**. To design interactive web pages using HTML and Style sheets. **CO-4**.Tostudytheframeworkandbuilding blocks of .NET Integrated Development Environment. **CO-5**. To provide solutions by identifying and formulating IT related problems.
8	BSCS68B1	Distributed Systems	**CO-1**. Identify distributed system characteristics **CO-2**. Explain the models for distributed processing and communication. **CO-3**.Develop a simple distributed applications **CO-4**.Analyze **distributed** algorithms. **CO-5**. Evaluate the performance of distributed systems. Explain characteristics of a particular distributed system.

9	BSCS68B2	Cloud Computing	**CO-1.** Define Cloud Computing and memorize the different Cloud service and deployment models **CO-2.** Describe importance of virtualization along with their technologies. **CO-3.**Analyzethecomponentsofopenstack & Google Cloud platform and understand Mobile CloudComputing. **CO-4.** Describe the key components of Amazon web Service **CO-5.** Design & develop backup strategies for cloud data based on features.

III BSc MPCs, A.Y. 2019-22.

16

S.No	Regno	Student name	class	Signature
1.	1922043	K. Bhargavi	III BSC(MPCS)	K. Bhargavi
2.	1922033	Ch. Ashok Kumar	III BSC (MPCS)	Ch. A. Kumar
3.	1922056	V. Shanmukha Sai	III BSC (MPCs)	V. Shanmukha Sai
4.	1922053	V. Amalakumari	III BSC MPCs	V. Amala
5.	1922049	P. Jahnavi	III BSC MPCs	P. Jahnavi
6.	1922050	S. Rajesh	"	S. Rajesh
7.	1922057	Y. Lakshmi Mukesh	"	Y. Mukesh.
8.	1922042	K. Issac	"	K. Issac.
9.	1922048	P. Sh Lakshminarayana	"	P. Lakshman
10.	1922055	V. K. Ganesh.	"	V. K.
11.	1922041	K. Shalem Raju	"	K. Shalem
12.	1922034	D. Sai babu	"	D. Sai
13.	1922032	B. Kiran Kumar	"	B. Kiran Kumar
14.	1922030	B. Padma	"	B. Padma.
15.	1922035	D. M. Siva	"	D.M.S
16.	1922038	G. Danesh Babu	"	G. Danesh
17.	1922036	G Suresh Kumar	"	G. Suresh.
18.	1922040	K. Chandu	"	K. Chandu
19.	1922037	G. Kalyan kumar	"	G. Kalyan.
20.	1922045	M. Balaji Praveen	"	M.B. praveen
21.	1922047	P. Syam Narasimha	"	P. Syam.
22.	1922054	V. Vamsi Krishna	"	V. Vamsi

III rd B.Sc M.C.Cs. A.Y. 2019-22

S.No	Regd No	Student name	class	Signature.
1.	1925110	K. Manikanta	III BSC (MCCS)	K. Manikanta
2.	~~1925~~ 1925109	J. Balaji	"	J. Balaji
3.	1925115	M. Naveen Kumar	"	M. Naveen
4.	1925116	S. Jyotheswara kumar	"	S. Ganesh
5.	1925117	T. Vinod	"	T. Vinod
6.	1925113	M. Venkat Rao	"	M. Venkatrao
7.	1925108	B. Jagadish	"	B. Jagadish
8.	1925114	M. Ashok kumar	"	M
9.	1925111	K. Manoj Kumar,	"	K. Manoj
10.	1925[illegible]			

Incharge of Dept

Faculty :-

COMMUNICATION OF COs to Students

Course Outcomes B.Sc Data Science Semester – I,II,III & IV	
Introduction To Data Science And R Programming	CO-1. Understand the Data Science Process. CO-2. Students gain knowledge on analysis skills with R programming CO-3. Student able to identify the growth of any company by using DATA CO-4.To know How to use different type of algorithms which is available in R library.
Data Mining Concepts And Techniques	CO-1. Understand the concept of Data Mining and Algorithms CO-2. Solve Data problems with Advanced Research Techniques. CO-3.By using Applications to evaluate mathematical methods CO-4. Understand the environment and applications.
Python Programming For Data Analysis	CO-1. Students will demonstrate proficiency with statistical analysis of data. CO-2. Students will execute statistical analyses with professional statistical software. CO-3. Students will demonstrate skill in data management. CO-4. Data Analysis done by using PYTHON.
Big Data Analytics Using SPARK	CO-1. Applications of SPARK programming to Analytics program. CO-2. Big Data Knowledge in SPARK eco system CO-3. Students will get knowledge on BIG data handling CO-4. Understand and how to use about Hadoop

I st B.Sc M.S.Ds A.Y- (2021-24)

S.No	Regd. No.	Name of the student	class	Signature
1	2126002	B. Balaji	1st BSc(MSDS)	B. Balaji
2.	2126005	M. Jaiganesan	I st BSc(MSDS)	M. Jaiganesan
3	2126001	A. Kumarkumari	I st BSc (MSDS)	A. Kumarkumari
4	2126021	R. Maheswari	I st BSc (MSDS)	R. Maheswari
5.	2126016	K. Bhavyasri	I st BSc (MSDS)	K. Bhavyasri
6.	2126007	K. Sandeep	I st BSc (MSDS)	K. Sandeep

II nd B.Sc M.S.Ds A.Y- (2020-23)

1.	2026102	B. Dhimsaibabu	II BSc (MSDS)	B. dhimsai
2.	2026103	B. Sai Aravind	II BSc (MSDS)	B. Sai Aravind
3.	2026104	G. Naveenbabu	II BSc (MSDS)	G. naveenbabu
4.	2026105	G. Yashwanth	II BSc (MSDS)	yashwanth.
5.	2026106	D. Dainel Franklin	II BSc (MSDS)	Dainelfranklin
6.	2026107	D. Siddardha	II B.Sc (MSDS)	siddardha.
7.	2026109	J. Manikanta	II B.Sc (MSDS)	J manikanta
8.	2026112	K. Chandu	II B.Sc (MSDS)	K. chandu
9.	2026113	K. Babji	II BSc (MSDS)	K. Babji
10.	2026114	K. Antibaby	II BSc (MSDS)	K. Antibaby
11.	2026115	P. divyakanth	II BSc (MSDS)	P. divyakanth
12.	2026116	P. Suneel	II BSc (MSDS)	P. Suneel
13.	2026117	P. elisha	II BSc (MSDS)	P. elisha
14.	2026118	R. Naveen	II BSc (MSDS)	R. naveen
15.	2026119	T.L.P. Subramanyam	II BSc (MSDS)	T.L.P. Subramanyam
16.	2026120	V. Vinod	II BSc (MSDS)	V. Vinod
17.	2026122	Y. Hanath	II BSc (MSDS)	Y. Hanath

K. Bhadra

COMMUNICATION OF CO's to Students

Course Outcomes B.Sc Data Science Semester – I,II,III & IV	
Introduction To Data Science And R Programming	CO-1. Understand the Data Science Process. CO-2. Students gain knowledge on analysis skills with R programming CO-3. Student able to identify the growth of any company by using DATA CO-4.To know How to use different type of algorithms which is available in R library.
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Python Programming For Data Analysis	CO-1. Students will demonstrate proficiency with statistical analysis of data. CO-2. Students will execute statistical analyses with professional statistical software. CO-3. Students will demonstrate skill in data management. CO-4. Data Analysis done by using PYTHON.
Big Data Analytics Using SPARK	CO-1. Applications of SPARK programming to Analytics program. CO-2. Big Data Knowledge in SPARK eco system CO-3. Students will get knowledge on BIG data handling CO-4. Understand and how to use about Hadoop

SRI A S N M GOVERNMENT COLLEGE, PALAKOL, W.G. DT

(Affiliated to AdikaviNannaya University, Rajahmundry)

(Accredited with NAAC "B" Grade with 2.61 CGPA points)

DEPARTMENT OF COMPUTER SCIENCE

Course Outcomes B.Sc Computer Science(MPCS & MCCS) Semester-I&II	
Problem Solving in C	**CO-1**. Understand the evolution and functionality of a Digital Computer. **CO-2.** Apply logical skills to analyze a given problem. **CO-3.** Develop an algorithm for solving a given problem. **CO-4.** Understand 'C' language constructs like Iterative statements, Array processing, Pointers. **CO-5.** Apply 'C' language constructs to the algorithms to write a 'C' language program.
Data Structures using C	**CO-1**. Understand the concept of Dynamic memory management, data types, algorithms, Big O notation. **CO-2.** Remember and understand basic data structures such as arrays, linked lists, stacks and queues. **CO-3.** Design and develop programs using various data structures **CO-4.** Analyze complexities for various data structures **CO-5.** Develop ability to implement different Sorting and Search methods
Course Outcomes B.Sc Computer Science(MPCS & MCCS) **Semester-III&IV**	
Database Management System	**CO-1.** Design ER models for real time scenarios **CO-2.** Ability to Understand Different data models used for database design **CO-3.** Design relational models for various real time scenarios **CO-4.** Apply various constraints on tables using SQL queries **CO-5.** Create a small database using structured query language
	CO-1. Understand the benefits of a well-structured program and features of java **CO-2.** Understand underlying principles of object-oriented programming in java **CO-3.** Develop problem-solving and programming skills using OOP

Object Oriented Programming using Java	concepts **CO-4.** Apply keywords of exception handling and OOP principles in solving real time problems **CO-5.** Develop the ability to solve real-world problems through software development in high-level programming language like Java
Operating Systems	**CO-1.** Understand Operating System Architectural design and its services. **CO-2.** Understand various process management concepts including scheduling, threading **CO-3.** Apply process scheduling techniques to efficiently run various Applications. **CO-4.** Analyse the concept of memory management techniques **CO-5.** Create various files in local host using file management concept and protect files using software.

Course Outcomes B.Sc Computer Science(MPCS & MCCS)

Semester-V&VI

Software Engineering	**CO-1**.Ability to gather and specify requirements of the software projects. **CO-2**.Ability to analyze software requirements with existing tools **CO-3**.Abletodifferentiatedifferenttesting methodologiesandapplythebasicproject managementpracticesinreallifeprojects **CO-4**.Abilitytoworkinateamaswellas independentlyonsoftwareprojects
Database Management System	**CO-1.**Student knows database structure and its design **CO-2**.Studentsareabletounderstand Differentdatamodelsusedfordatabase design **CO-3.**Studentsareabletounderstand databasetransactionsanddatarecovery **CO-4.** Students canuse DML,DDL,DCL commands to manipulate data in the database
Web Technologies	**CO-1**.To understand the web architecture and web services. **CO-2.** To practice latest web technologies and tools by conducting experiments **CO-3**. To design interactive web pages using HTML and Style sheets.

	CO-4. To study the framework and building blocks of .NET Integrated development enviroment **CO-5**. To provide solutions by identifying and Formulating IT related problems.
Distributed Systems	**CO-1**. Identify distributed system characteristics. **CO-2**. Explain the models for distributed processing and communication. **CO-3**.Develop a simple distributed system. **CO-4**.Analyze distributed algorithms. **CO-5**. Evaluate the performance of distributed systems. Explain characteristics of a particular distributed system.
Paper 6A: Web Interface Designing Technologies	**CO-1.** Understand and appreciate the web architecture and services. **CO-2.** Gain knowledge about various components of a website. **CO-3.** Demonstrate skills regarding creation of a static website and an interface to dynamicwebsite. **CO-4.** Learn how to install word press and gain the knowledge of installing various pluginsto use in their websites.
Paper 7A: Web Applications Development using PHP & MYSQL	**CO-1.** Write simple programs in PHP. **CO-2.** Understand how to use regular expressions, handle exceptions, and validate data usingPHP. **CO-3.** Apply In-Built functions and Create User defined functions in PHP programming. **CO-4.** Write PHP scripts to handle HTML forms. **CO-5.** Write programs to create dynamic and interactive web based applications using PHP and MYSQL.
Paper 6B: INTERNET OF THINGS	**CO-1.** Appreciate the technology for IoT **CO-2.** Understand various concepts, terminologies and architecture of IoT systems. **CO-3.** Understand various applications of IoT **CO-4.** Learn how to use various sensors and actuators for design of IoT. **CO-5.** Learn how to connect various things to Internet.
	CO-1. Understand and appreciate the web architecture and services. **CO-2.** Examine Python syntax and semantics and be fluent in the use of Python flow controland functions. **CO-3.** Demonstrate proficiency in handling Strings and File Systems.

Paper 7B: APPLICATION DEVELOPMENT USING PYTHON	**CO-4.** Create, run and manipulate Python Programs using core data structures like Lists, Dictionaries and use Regular Expressions. **CO-5.** Interpret the concepts of Object-Oriented Programming as used in Python.
Paper 6C: DATA SCIENCE	**CO-1.** Develop relevant programming abilities. **CO-2.** Demonstrate proficiency with statistical analysis of data. **CO-3.** Develop the ability to build and assess data-based models. **CO-4.** Demonstrate skill in data management **CO-5.** Apply data science concepts and methods to solve problems in real-world contextsand will communicate these solutions effectively
Paper 7C: Python for Data Science	**CO-1.** Identify the need for data science and solve basic problems using Python built-in datatypes and their methods. **CO-2.** Design an application with user-defined modules and packages using OOP concept **CO-3.** Employ efficient storage and data operations using NumPy arrays. **CO-4.** Apply powerful data manipulations using Pandas. **CO-5.** Do data pre-processing and visualization using Pandas

I.Y.B.Sc M.P.C& A.Y. (2021-24)25

S.No.	Regd.No	Name of the Student	Class	Signature
1.	2122023	P. Jahnavi	I B.Sc (MPCS)	P. Jahnavi
2.	2122027	R.S Appanna.	I BSc (MPCS)	R.S Appanna.
3.	2122025	P.S.S.P.Sri Lavanya	I B.Sc (MPCS)	P.S.S.P.Sri Lavanya
4.	2122005	B. Jyothikiran	I B.Sc (MPCS)	B. Jyothikiran
5.	2122014	L. Soumya	I Bsc (MPCS)	L. Soumya
6.	2122019	N. Sridhara Lakshmi	I Bsc (MPCS)	N.S.D.Lakshmi
7	2122020	N. Durga	I Bsc (MPCS)	N. Durga
8	2122002	A. Ganesh	I Bsc (MPCS)	A. Ganesh
9	2122029	T. Vara Prasad.	I Bsc (MPCS)	T. Varaprasad
10.	2122016	M. Muralikalyan.	I B.Sc [M.P.C.S]	M. Muralikalyan
11	2122017	M.D.V. Eswar	I B.Sc [M.P.C.S]	M.D.V.Eswar
12	2122033	Y. Avinash	I B.Sc (MPCS)	Y. Avinash
13	2122011	K. Dinesh	I B.Sc (MPCS)	K. Dinesh
14	2122010	G. Naveena	I Bsc (MPCS)	G. Naveena
15	2122007	O. Lalita Sri	I BSc (MPCS)	O. Lalitha
16	2122009	G. Harika	I BSc (MPCS)	G. Harika.
17	2122004	B. pravallika	I BSc (MPCS)	B. pravallika
18	2122001	A. Gayathri	I BSc (MPCS)	A. Gayathri
19	2122022	P. Bhanusri	I BSc (MPCS)	P. Bhanusri
20	2122003	B. Soumya	I B.Sc (MPCS)	B. Soumya
21	2122032	Y. Sonia	I B.Sc (MPCS)	Y. Sonia.
22	2122031	V. Harish Kumar	I B.Sc (MPCS)	V. Harish
23	2122006	Ch. Venkat	I B.Sc (MPCS)	Ch. Venkat

K. Shadi

Ist Y. B.Sc. M.C.Cs A.Y (2021-24)

S.No.	Regd.No	Name of the Student	Class	Signature
1.	2125015	L. kiran babu	Ist BSC (MCCS)	L. kiran babu
2.	2125006	G. venkatesh	Ist BSC (MCC'S)	G. venkatesh
3	2125005	Ch. charan Teja	Ist BSC (MCCS)	Ch. charanTeja
4.	2125017	M. Rama Pabrahmayan	Ist BSC (MCCS)	M. R. Pabrahmayan
5	2125007	G. sesha sai	Ist BSC (MCCS)	G. sesha sai
6.	2125001	A. J. T. Karthik	Ist B.Sc (MCCS)	A. J. T. Karthik
7.	2125016	M. S. d. manikanta	Ist B.SC (MCCS)	M. manikanta
8.	2125024	S. D. P. R Ranga Rao	Ist BSC (MCCS)	S. Sriram.
9.	2125021	P. Navajeeth	Ist B.Sc (MCCS)	P. Navajeeth
10.	2125012	K. A. Venkateswari	Ist BSc (MCCS)	K. A. venkateswari
11.	2125004	ch. Manju	I BSC (MCCS)	ch. Manju
12.	2125002	A. sai	I BSC (MCCS)	A. sai
13.	2125008	K. Datta kaushik	I BSC (MCCS)	K. Datta kaushik

K. Bhadra

II^nd Y. B.Sc M.P.Cs A.Y (2020-23)

27

S.No	Regd.no	Name of the Student	Class	Signature
1)	2022019	Aakiri. Amrutha Durga	II mpcs	A Amruthadurga
2)	2022020	Addala . Bhargavi	II mpcs	A. Bhargavi
3)	2022021	Alajingi. Kanaka Durga	II mpcs	A. kanaka durga
4)	2022022	Arigela. Neelima	II mpcs	A. Neelima
5)	2022023	Borra. Durga srinivas	II mpcs	B. Durgasrinivas
6)	2022024	Bhunga. Dhanraj	II mpcs	B. DhanaRaju
7)	2022025	Chilukuri. premvenkataRao	II mpcs	ch. Rakesh
8)	2022026	Chindada stanley peter	II mpcs	CH. Stanley Peter
9)	2022027	Geddam pushpa lalitha	II mpcs	G.P. lalitha
10)	2022028	Gudimetla prasanna kumari	II mpcs	G.P. kumari
11)	2022029	kodali sai venkat sandeep	II mpcs	K.S.V. Sandeep
12)	2022030	Lanka Suhasini	II mpcs	L. Suhasini
13)	2022031	lanka suneel kumar	II mpcs	—
14)	2022033	Mallula Anitha	II mpcs	M. Anitha
15)	2022034	Ningibilli Sravan surya	II mpcs	N. Sravana Surya
16)	2022035	pamarthi . Harshitha	II mpcs	P. Harshitha
17)	2022036	vanamadi . vasu	II mpcs	v. vasu
18)	2022037	villuri . Hasini	II mpcs	V. Hasini
19)	2022038	vipparthi. santhosh kumar	II mpcs	v. santhosh kumar

K. [illegible]

II yr B.Sc M.C.Cs A.Y-(2020-23)

28

S.No	RegNo	Name of the student	Class	Signature.
1.	2025072	A. Narendra Surya	II MCCs	A. Narendra Surya
2.	2025073	A. Durga Rao	II MCCs	A. Durga Rao
3.	2025074	B. Ramya Sri	II MCCs	B. Ramya Sri
4.	2025075	B. Sai chaitanya	II MCCs	B. Sai Chaitanya.
5.	2025076	Ch. M.J. Samba Surya	II MCCs	Ch. Samba Surya
6.	2025077	D. Chinna Sai Ram	II MCCs	D. Chinna Sai Ram
7.	2025078	G. Lalitha Devi	II MCCs	G. Lalitha Devi
8.	2025079	G. Raghavindra Varma	II MCCs	G. R.V. Varma
9.	2025081	G.N.V. Satyanarayana.	II MCCs	G.N.V. Satyanarayana
10.	2025082	G. Anusha	II MCCs	G. Anusha
11.	2025083	I. Kalyani	II MCCs	I. Kalyani
12.	2025085	J.N.S. Prasad	II MCCs	J.N.S. Prasad
13.	2025086	K. Naveen	II MCCs	K. Naveen.
14.	2025087	K. Sailaja	II MCCs	K. Sailaja
15.	2025088	K. Tejeswari	II MCCs	K. Tejeswari
16.	2025089	K. Rohit Kumar	II MCCs	K. Rohit
17.	2025090	K. Raghavendra Rao	II MCCs	K. Raghavendra Rao
18.	2025091	K. Lokesh.	II MCCs	K. Lokesh
19.	2025092	K. Nageswari	II MCCs	K. Nageswari
20.	2025093	M. Sudheer Babu	II MCCs	M. Sudheer babu
21.	2025094	P. Hemanth prakash	II MCCs	P. Hemanth Prakash
22.	2025095	S. Leela Bhavani	II MCCs	S. Leela Bhavani
23.	2025096	T. Uma sai	II MCCs	T. Uma Sai
24.	2025098	U. Sailu	II MCCs	U. Sailu
25.	2025099	V. Navya	II MCCs	V. Navya.
26.	2025100	V. Vijaya Durga	II MCCs	V. Vijaya Durga
27.	2025101	Y. Vasishi satya Sri	II MCCs	Y. Vasishi

K. Bhaskar

III B.Sc V Semester

Electricity & Magnetism & Electronics: – Paper IV

CO1: The students should have attained a common level in basics of Electronics, Electricity and Magnetism

CO2: The Students should familiarize with electrical circuits, electrical connections, and storage devices their working etc.

CO3: The theoretical and practical knowledge about signal generating circuits enable the students to identify different communication techniques.

CO4: The Students will familiarize with logic circuits and their applications which enables them to design logic circuits of their own

Modern Physics: – Paper V

CO1: The students should have attained a common level in basics of properties of particles.

CO2: The Students should familiarise with different radioactive devices.

CO3: The student have knowledge about bio medical instruments like X-ray, CT scan, MRI etc.,

CO4: The Students get knowledge on Crystallography.

CO5: This course would empower the student to acquire practical knowledge, which helps the student in their everyday life.

Course outcomes were communicated to the students and they were also displayed in the department and Lab.

Signature of the lecturers
1. [illegible]
2. [illegible]
3. P. [illegible]

Department of PHYSICS

5

S.No	Name of the student	Group	Signature of the student
1.	K. Bhargavi	III BSC (MPCs)	[illegible]
2.	P. Jahnavi	"	P. Jahnavi
3.	V. Amala Kumari	"	V. Amala Kumari
4.	R. Padma	"	R. Padma
5	Dommeti Muddu Siva	III BSC MPCs	[illegible]
6	K. Isaac	"	[illegible]
7	G. Suresh Kumar	"	G. [illegible]
8	S. Rupesh	"	S. Rupesh
9	P. Lakshmi Narayana	"	P. Lakshmi Narayana
10	B. Madhavi	III B.Sc (MPC)	B. Madhavi
11	Ch. Radha	III B.Sc (MPC)	Ch. Radha
12	G. Bhavani	III B.Sc (MPC)	G. Bhavani
13	M. V. [illegible]	III B.Sc (MPC)	M. V. [illegible]
14	M. Durga Bhavani	III B.Sc (MPC)	M. D. Bhavani
15	Ch. Sri naga lakshmi	III B.Sc (MPC)	Ch. Sri naga lakshmi
16	K. sai lakshmi	III B.Sc (MPC)	K. sai lakshmi
17	R. lakshmi sirisha	III B.Sc (MPC)	R. lakshmi sirisha
18	Y. Venkata lakshmi	III B.Sc (MPC)	Y. Venkatalakshmi
19	Ch. Deepthi	III B.Sc (MPC)	Ch. Deepthi
20	V. [illegible]	III B.Sc (MPC)	V. K. Sai
21	C. [illegible]	III B.Sc (MPC)	C. [illegible]
22	M. Balaji Pavan	III B.Sc (MPCs)	M. B. Pavan
23	K. Charith	III B.Sc (MPCs)	K. Charith
24.	T. Balu Mahendra	III B.Sc (MPC)	T. B. Mahendra
25.	B. Kiran Kumar	III B.Sc (MPCs)	B. Kiran Kumar
26.	D. Srinu	III B.Sc (MPC)	D. Srinu
27	P. Laki babu	III B.Sc (MPC)	P. Laki babu
28	P. Siva Krishna	III B.Sc (MPC)	P. Siva Krishna
29.	G. [illegible]	III B.Sc (MPC)	[illegible]
30	M. Nagamani	III B.Sc (MPC)	M. Nagamani
31	M. [illegible]	III B.Sc (MPC)	M. [illegible]

37	G. RUPESHIKA	II nd M.P.C	G. Rupeshika
38	Ch. Deepthi	III rd B.Sc (MPCs)	Ch. Deepthi
39	Y. Venkata Lakshmi	III rd B.Sc (MPC)	Y.V. Lakshmi
40	A. Navya Sai	III rd B.Sc (MPCs)	A. Navya Sai
41	T. Yesumani	III rd B.Sc (MPCs)	T. Yesumani

Department of PHYSICS

III B.Sc VI Semester

Elective VII C

Renewable Energy

After completion of this course, the students will be able to understand:

CO1: Forms of energy, Environmental degradation due to energy production and utilization
Air and water pollution, green house effect and global warming, acid rain.

CO2: Exponential increase in energy consumption and world's energy resources, energy resources available in India, need for use of new and renewable energy sources.

CO3: Working principles of Solar heating system, solar cooker, solar cells. Principle of wind energy conversion. Advantages, disadvantages of wind mills. Applications of wind energy.

CO4: Basics of ocean energy and its various forms, wave energy technologies and its advantages Hydrogen production methods – Electrolysis of water, uses of hydrogen as fuel.

CO5: Conversion of biomass into fuels- energy through fermentation, pyrolysis, gasification and combustion. Properties and characteristics of biogas.

Signature of the Lecturers:

1. [illegible]

2. [illegible]

3. P. Pavani

II B.Sc Department of PHYSICS

Paper - III

Thermodynamics & Radiation Physics

CO1: The students should have attained a common level in basics of Thermodynamics.

CO2: This course will provide knowledge on the Thermometers.

CO3: This course will provide knowledge on the production of Low Temperatures and refrigeration.

CO4: This course will provide knowledge on the pyrometers and provide Knowledge on Temperature of the sun.

CO5: This course will provide knowledge on Mechanical Engines.

Paper - IV

Electricity & Magnetism & Electronics

CO1: The students should have attained a common level in basics of Electronics, Electricity and Magnetism.

CO2: The Students should familiarize with electrical circuits, electrical connections, and storage devices their working etc.

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Paper V

Modern Physics

CO1: The students should have attained a common level in basics of properties of particles.

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CO4: The Students get knowledge on Crystallography.

CO5: This course would empower the student to acquire practical knowledge, which helps the student in their everyday life.

Signature of the Lecturer

1. [illegible]

2. [illegible]

3. P. [illegible]

S.No	Name of the student	Class/Group	Signature of student
1	Ch. Vyshnavi Mounika	II B.Sc (MPC)	Ch. Vyshnavi
2	S. Hema	II B.Sc (MPC)	S. Hema
3	Ch. Lakshmi Priyanka	II B.Sc (MPC)	Ch. Priyanka
4	Bh. Asha	II B.Sc (MPC)	Bh. Asha
5	Y. E. Sowmya	II B.Sc (MPC)	Y. E. Sowmya
6	Y. [illegible]	IInd B.Sc (MPC)	Y. [illegible]
7	Ch. Supriya	IInd B.Sc (MPC)	Ch. Supriya
8	A. [illegible] durga	IInd B.Sc (MPC)	[illegible]
9	A. [illegible]	IInd B.Sc (MPC)	[illegible]
10	P. Vasavitha	IInd B.Sc (MPC)	P. Vasavitha
11	B. Dhanalaxmi	II B.Sc (MPC)	B. Dhanalaxmi
12	Ch. P. Rahul	IInd B.Sc (MPC)	Ch. P. Rahul
13	K. S. Sandeep	II B.Sc (MPC)	K. S. Sandeep
14	V. [illegible]	II B.Sc (MPC)	V. [illegible]
15	Ch. [illegible]	II B.Sc (MPC)	Ch. [illegible]
16	V. [illegible]	II B.Sc (MPC)	V. [illegible]
17	S. [illegible] Kumar	II B.Sc (MPC)	[illegible]
18	Ch. [illegible]	II B.Sc (MPC)	[illegible]
19	L. [illegible]	II B.Sc (MPC)	L. [illegible]
20	[illegible]	II B.Sc (MPC)	[illegible]
21	S. [illegible]	II B.Sc (MPC)	S. [illegible]
22	A. Amrutha durga	II B.Sc (MPC)	A. Amrutha
23	V. Santhosh Kumar	II B.Sc (MPC)	V. Santhosh Kumar
24	K. S. V. Sandeep	II B.Sc (MPC)	K. S. V. Sandeep
25	V. [illegible]	II B.Sc (MPC)	V. [illegible]
26	Ch. P. V. Rakesh	II B.Sc (MPC)	Ch. P. V. Rakesh

I B.Sc Department of PHYSICS

I Sem Paper - I

Course Outcomes

Mechanics , Waves & Oscillations:

CO1: The students should have attained a common level in basic mechanics, a secure foundation in mathematics

CO2: This course would empower the student to acquire engineering skills and practical knowledge, which help the student

CO3: This course will provide a theoretical basis for doing experiments in related areas

CO4: This course will provide a basic knowledge & information about space rockets

CO5: This course will provide knowledge of the aesthetics

CO6: This course will provide the knowledge of the SONAR System

CO7: This course will provide knowledge on the applications of ultrasonics

Paper II

Wave Optics:

CO1: The students should have attained a common level in basics of Light

CO2: This course will provide knowledge on the Powerful tools for tackling a wide range of topics in Optics, Laser, Fiber optics

CO3: This course will provide knowledge on the applications of Lasers and Optical fibers

CO4: This course will provide knowledge on very important and fascinating areas of interference, diffraction and polarization with many experiments associated with it.

CO5: This course will provide knowledge on the communicating system using fiber optics

Signature of the lecturers

1. [signature]

2. [signature]

3. P. Ana mani

S.No	Name of the Student	Class/Group	Signature of the Student
1	B. pravallika	Ist BSc (MPCs)	B. pravallika
2	B. J. Kiran	Ist BSc (MPCs)	B. J. Kiran
3	A. Ganesh	Ist BSc (MPCs)	A. Ganesh
4	K. Aparna	Ist BSc (MPCs)	K. Aparna
5	A. Gayathri	Ist BSc (MPCs)	A. Gayathri
6	[illegible]	Ist BSc (MPCs)	[illegible]
7	L. Sowmya	Ist BSc (MPCs)	L. Sowmya
8	D. Lalitha Sri	I BSc (MPCs)	D. Lalitha
9	G. Harika	I BSc (MPCs)	G. Harika
10	G. Naveena	I BSc (MPCs)	G. Naveena
11	Y. Sravani	I BSc (MPCs)	Y. Sravani
12	P. Bhavani Sri	I BSc (MPCs)	P. Bhavani Sri
13	B. Sowmya	I BSc (MPCs)	B. Sowmya
14	T. [illegible]	Ist BSc (MPCs)	T. [illegible]
15	P. Surya Sai Krishna	Ist BSc (MPCs)	P. Surya Sai
16	V. Harish Kumar	Ist BSc (MPCs)	V. Harish Kumar
17	M. Michal Kalyan	Ist BSc (MPCs)	M. Michal Kalyan
18	R. S. Appanna	Ist BSc (MPCs)	R. S. Appanna
19	B. Satya Chandra Sai Kumar	Ist BSc (MPCs)	B. S. C. Sai Kumar
20	D. Lokesh Pavan	Ist BSc (MPCs)	D. Lokesh Pavan
21	M. Siva Naga Babu	Ist BSc (MPCs)	M. Siva Naga Babu
22	R. A. N. V. Durga Sai	I BSc (MPCs)	R. A. N. V. Durga Sai
23	K. Bhuvaneswari	I BSc (MPCs)	K. Bhuvaneswari
24	P. S. Jasmine	I BSc (MPCs)	P. S. Jasmine
25	K. Swarna Latha	I BSc (MPCs)	K. Swarna Latha
26	V. Lakshmi Lavanya	I BSc (MPCs)	V. Lakshmi Lavanya
27	T. Yesu Prasad	I BSc (MPCs)	T. Y. Prasad

S.No	Name of the Student	Group	Signature
1.	T. Mouli	B.Com CA	T. Mouli
2.	D. Ramya	B.Com CA	D. Ramya
3.	G. Keerthi	B.Com (CA)	G. Keerthi
4.	R. Bhagya Latha	B.Com (G)	R. B. Latha
5.	K. Siva Ganga Bhavani	IInd BBA	K.S.G. Bhavani
6.	Y. Pavani	IInd B.Com	Y. Pavani
7.	G. Kusuma Priya	IInd B.Com	Kusuma Priya
8	B. Rakthika	IInd B.Com (CA)	B. Rakthika
9	K. Namitha	IInd B.Com (CA)	K. Namitha
10	M. Ramya	IInd B.Com (CA)	M. Ramya
11	V. Sai Kumari	IInd B.Com (CA)	V. Sai Kumari
12	G. Vydehi V.S	IInd B.Com (CA)	[illegible]
13	G. Hima Sri	IInd B.Com (G)	[illegible]
14.	P. Sanjana	IInd B.Com	[illegible]
15.	D. Sirisha	II B.Com	D. Sirisha
16.	K Vijji vijaya Lakshmi	II B.Com	K vijayalakshmi
17.	T. Sulafa	II B.Com	T. Sulafa
18.	A. Lasith	II B.Com	A. Lasith
19.	Y. Lakshmi Priya	II B.Com (CA)	Y L Priya
20	D. Janaki Sai	II B.Com	D. Janaki
21	B. Divija Rani	IInd B.Com	B. Divija
22	T. Sagarika	IInd B.Com (G)	T. Sagarika
23	A. Chaitanya Naga Sai	IInd B.Com	A. Chaitanya
24	D. Venkatesh	IInd B.Com	D. Venkatesh
25	N. Yesh	IInd B.Com	N. Yesh
26	O. Jhanendra	IInd B.Com	O. Jhanendra
27	B. Shalem Raju	IInd B.Com	[illegible]
28	K. Prasad	IInd B.Com	K. Prasad
29	D. Devi Naga Sai	IInd B.Com	D. D. [illegible]
30	D. Vijay Raju	II B.Com (CA)	D. Vijay Raju
31	S. Sujay	II B.Com (CA)	[illegible]

S.No	Name of the Student	Group	Signature
32.	K. Chandu Vijay Kumar	B.Com CA	K. Chandu
33.	R. Shiva Sai	B.Com CA	R. Shiva Sai
34	Ch. Ravi Teja	BBA (OM)	Ch. Ravi Teja
35	M. Rakesh	BBA (OM)	M. Rakesh
36	P. Dhanunjaya Ram	BBA (OM)	P. D. J. Ram
37	K. Surya	BBA (OM)	K. Surya
38	K. Naga Durga Rao	BBA (OM)	K.N.D. Rao
39	G. Ravi Kumar	BBA (OM)	G. Ravi
40	V. Subhash	BBA (OM)	V. Subhash
41)	L. Durga Pradeep	BBA (OM)	L. D. Pradeep
42)	A. Lokesh	BBA (OM)	~~[illegible]~~
43)	K. Gnaneshwar	B.Com (Gen)	K. Gnaneshwar
44)	K. Veerendra Babu	B.Com (Gen)	K. Veerendra Babu
45)	M. Jaya Pradeep	B.Com (Gen)	M. Jaya Pradeep
46)	V. Basanth	B.Com (CA)	V. Basanth
47)	T. Sandeep	B.Com (CA)	T. Sandeep
48	T. Satyam	B.Com CA	T. Satyam
49	K. Chandu Vijay Kumar	B.Com (CA)	K. Chandu
50	K. Hari Prasad	B.Com (CA)	K. Hari Prasad

[signature]

Dept. of Comp. Applications

SRI A. S. N. M. GOVERNMENT COLLEGE (A), PALAKOL

NAAC Reaccredited 'B' Grade (CGPA)

Website: www.sriasnmgdcpalakol.ac.in, Email: sriasnmgdc@gmail.com

PROGRAMME OUTCOMES

Upon the successful completion of Graduate & Post Graduate programme, students will be able to:

PO 1. **Problem analysis:** Identify, formulate, review research literature, and analyze complex problems reaching substantiated conclusions using first principles of mathematics, humanities and Sciences.

PO 2. **Design/development of solutions:** Design solutions for complex problems and design system components or processes that meet the specified needs with appropriate consideration for the public health and safety, and the cultural, societal, and environmental considerations.

PO 3. **Conduct investigations of complex problems:** Use research-based knowledge and research methods including design of experiments, analysis and interpretation of data, and synthesis of the information to provide valid conclusions.

PO 4. **Modern tool usage:** Create, select, and apply appropriate techniques, resources, IT tools including development, design, and prediction and modelling to real world activities with an understanding of the limitations.

PO 5. **Environment and sustainability:** Understand the impact of the professional problem solutions in societal and environmental contexts, and demonstrate the knowledge of, and need for sustainable development.

PO 6. **Individual and team work:** Function effectively as an individual, and as a member or leader in diverse teams, and in multidisciplinary settings.

PO 7. **Efficient Communication & Life Skills:** Apply ethical principles and commit to professional ethics and responsibilities and norms of the practice.

PO 8. **Life-long learning:** Learn "how to learn"- Self-motivated and self-directed learning. Adapt to the ever emerging demands of work place and life.

DEPARTMENT OF COMMERCE
Sri A.S.N.M. GOVT. COLLEGE (A)
PALAKOL-534 260, W.G.DIST.

1. K. Vasanth
2. P. Rajesh.
3. CH. Venkatesh.
4. V. Satish Babu
5. Yasodhar krishna pula
6. B. kusuma satya veni
7. M. Swaroopa
8, D Anil kumar
9. J satyanarayana
10, K Durga RAO
11) T. Pavan

Scanned with CamScanner

Sri A.S.N.M. GOVERNMENT COLLEGE (A), PALAKOL, W.G. Dt. – 534 260

(Reaccredited by NAAC with "B" Grade and 2.61 CGPA) (Affiliated to Adikavi Nannaya University, Rajamahendravaram)

B.B.A – Bachelor of Business Administration
PROGRAMME SPECIFIC OUTCOMES (PSOs)

Digital Marketing

PSO1: Students should demonstrate their understanding of the various new media such as; social media, mobile technology, web analytics, search engine optimization, viral advertising.

PSO2: Students will recognize ethical and moral issues

PSO3: Understand and demonstrate knowledge in specific areas of Digital Marketing

PSO4: Students will demonstrate a solid understanding of core business principles in the primary areas of digital marketing, web technologies, new media and management,

PSO5: To provide knowledge in management disciplines with an understanding of its applicability in business decision making for positive social impact

DEPARTMENT OF COMMERCE
Sri A.S.N.M. GOVT. COLLEGE (A)
PALAKOL-534 260 W.G. Dt.

BBA

signature of the student

1. G. Ravikumar.
2. M. Rakesh.
3. K sivakrishna
4. K. Surya
5. M. Subramanyam swami
6. M. Daveedu Raju
7. ch. Lokesh
8. G. [illegible]
9. k. Siva Ganga bhavani
10) k. Durga pradeep
11) G. Naga babu
12) V. Subhakar
13) k. Durga Ganesh
14) P.C.S. venkatesh
15) D. Sumanth
16) K.K.V. Satyanarayana
17) K. Naga durga rao
18) P. Dhanunjayaram
19) K. Vijay kumar
20) A. lokesh.
21) ch. Ravi Teja
22) K. Syambabu
23) G. Naresh kumar
24) B.N.V. Kumar.

BCOM – (GENARAL & VOCATIONAL)

Program Specific Outcomes

PSO1. Students acquire skills to work as tax consultants, audit assistants and other financial supporting services like Financial Engineer.

PSO2. Students have many opportunities to pursue professional as well as Post Graduation courses such as CA, CMA, ICWA, CS, M.Com, MBA, etc.

PSO3. To develop the students with communication, leadership and entrepreneurial skills.

PSO4. : To equip the students with leadership skills and knowledge in computing skills

BCOM – COMPUTER APPLICATIONS (CA)

Program Specific Outcomes

PSO1. Students acquire skills to work as tax consultants, audit assistants and other financial supporting services like Financial Engineer.

PSO2. Students have many opportunities to pursue professional as well as Post Graduation courses such as CA, CMA, ICWA, CS, M.Com, MBA, etc.

PSO3. To develop the students with communication, leadership and entrepreneurial skills.

PSO4. To make them learn the latest technologies and their application in modern business operations.

DEPARTMENT OF COMMERCE
Sm A.S.N.M. GOVT. COLLEGE (
PALAKOL-534 260, W.G.D

II B Com

1	A. Siva Durga Pavani	B Com(C.A)
2	P. Akshaya	B. Com (G)
3	G. Sandhya	B Com [G]
4	V Sai Prasanna	B.Com [G]
5	A. chandana kumari	B.com (G)
6.	P. Leelakumari	B. Com (CA)
7.	P. Suvarchala	B. Com (CA)
8	V. Amulya	B. Com (CA)
9.	K. Sindhu	B. Com (CA)
10.	G. Ratnakumari	B. Com (G)
11.	P. Krishna kumari	B. Com (G)
12	CH. Soni	B. Com (G)
13.	S. Sandhya	B. Com (G)
14.	G. Harikanta Raju	B. Com (G)
15.	B. Nabi Jan	II B Com (CA)
16.	Ch. Vijay	II B Com (G)
17	A Sai Baba	II B Com (CA)
18	N. Nithin	II B Com (C.A)
19	N. Ratna Babu	II B. Com (CA)
20.	M. Anitha	II B. Com (G)
21.	K Jushma	II B. Com (G)
22	G. Divya vani	II B. Com (G)
23	K. Vanisri	II B. Com (G)
24.	E. Baby Ramya Sri	II B Com (G)
25.	N. Jamaki	II B. Com (CA)
26.	K. Sindhu	II B. Com (CA)
27	T. Swathi	II B. Com (CA)
28	K Yedukondalu	
29.	Sk. Jasina	II B. Com (G.E)
30.	B. Sirisha	II B. Com [G.E]
31.	E. B. Ramya	II B. Com [G.E]
32	T. Venkata	II B. Com (G.E)
33	Ch. Kiran	II B. Com (CA)

34. S. Rama Teja	II B.com (GEN)
35. D. Siddhu	II B.com (CA)
36. M. Udaya Raju	II B.com [GEN]
37 B. Rajesh	II B.com (G.E)
38. Ch. Vijay	II B.com (G)

I B-Com

1.	N. keerthi	B.com [CA]
2.	T. Syamala	B. Com [CA]
3.	ch. Satya mani	B. Com [C.A]
4.	G. Hema Sri	B. Com (C.A)
5.	G. V.S. Vydehi	B. Com [CA]
6.	K. Durga Shanmukhi	B.Com (C.A)
7.	S. Kumari lakshmi priya.	B.com (CA)
8.	M. Ramya	B. Com (CA)
9.	V. Sai kumari	B. com (C.A)
10.	B. Gayathri	B. Com (C.A)
11.	A. Joice mary	B. Com (C.A)
12.	Digumarthi kavya	B. Com (CA)
13.	D. Priyanka	B. com (CA)
14	P. Ramya	B. Com (CA)
15	U. Renuka	B. com (CA)
16	S. Divija Rani	B com (CA)
17	B. Reethika	B. com (C.A)
18	K. Vijayalakshmi	B. com (C.A)
19	K. Sailaja	B. com (C.A)
20	D. Sirisha	B. Com (C.A)
21	G. keerthi	B. com (C.A)
22	P. Pavani	B. com (C.A)
23	K. Lakshmi Priya	B.com (CA)
24	A. Chaitanya Naga Sai	B.com (C.A)
25	V. Naga Venkata Sai	B.com (CA)
26	B Salim Raju	B com (CA)
27	ch. Vijay Raju	B.com (C.A)
28	B. Josh	B COM (CA)
29.	B Vijay Babu	B. Com (CA)
30.	D. Devi [illegible] Rosai	B. com (CA)
31.	T. satyam	B. com (CA).
32.	K. Kedukondalu	B. com (C.A)
33.	K. Hari Prasad	B. Com (CA)

34. V. Krishna Sai	B.COM (C.A)
35. S. Sundari	B com (CA)
36. N. Yeliya	B. Com (C.A)
37. D. Venkatesh.	B. Com (C.A)
38) O. Jahedra	B. Com (C.A)
39) U. Kisankumar	B. Com (C.A)
40) S. Venkata Teja	B. Com (C.A).
41) B. M. Jaya Krishna	B. com (C.A)
42. R. Shiva Sai	B. Com (C.A)
43, G. Naveenkumar	B. Com (C.A)
44 Ch. Ravi kumar.	B. Com (C.A).
45. R. Bhagya Latha	B. com (G)
46. P. Kusuma Priya	B. Com (G)
47. K. Nagasatya Eswari	B com (G)
48 T. Durga	B. Com (G)
49 U. Sai kumari	B. Com (G)
50 P. Sirisha	B. Com (G)
51 E. Kavya Sai	B. Com (G)
52 B. Poornimitha	B. Com (G)
53 K. Anushka.	B. Com (C.A).
54 T. Mouli	B. Com (C.A)
55 B. Akhila	B. Com (C.A).
56 P. Bindhu madhavi	B. Com (C.A)
57. B. Baby shalini	B. Com (G)
58. K. Mounika	B Com (G)
59. K. Chandhana	B. Com (G)
60. K. Spandana	B. com (G)
61. T. Rani	B. Com (G)
62. D. kavya	B. com (G)
63. D. Sowdha	B. Com (G)
64 D. Janakisai	B. com (C.A)
65 G. Renuka	B. Com (C.A)
66. S. Divija Rani	B. com (C.A)

Sri A.S.N.M[A] Govt college, Palakkad
Department of Economics

Programme Outcomes

1. Understand how households [demand] and businesses [supply] interact in various market structures to determine price and quantity of goods and services produced and consumed.

2. Evaluate the intent and outcomes of government stabilization policies designed to correct macroeconomic problems.

3. Use economic problem solving skills to discuss the opportunities and challenges of the increasing globalized of the world economy.

4. Apply economic reasoning to the analysis of selected contemporary economic problems.

Programme Specific Outcomes

1. To able to understand basic concepts of economics.

2. To able to analyze economic behavior in practice

3. Understand the economic way of thinking.

4. The ability to analyze historical and current events from an economic perspective.

5. The ability to write clearly expressing an economic point of view.

Course Outcomes

Micro Economic Analysis:

CO-1. Analyzing the behavioural fluctuations of consumer decision.
CO-2. Identifying the nature of revenue and cost of production.
CO-3. various terms and concepts relating to micro economic analysis with the help of examples of life.
CO-4. Different types of markets and their features.

Development Economics

CO-1. Understanding the concept and aspects of economic development.
CO-2. Knowing the theories of economic development.
CO-3. Measuring the concept and issues of economic planning
CO-4. Role and importance of various financial and other institutions in the context of India's economic development.

Economic Development and Indian Economy

CO-1. It helps in developing understanding of the studies related to different sectors of Indian economy.
CO-2. Develop ideas of the basic characteristics of Indian economy, it's potential on natural resources.
CO-3. Knowing the different theories of economic growth and Indian Economy.
CO-4. Enable them to gain knowledge on Economic Reforms.

Indian and Andhra Pradesh Economy

CO-1. Knowing Industrial policies and problems of small scale industries.
CO-2. Not only be aware of the economy as a whole, they would understand the basic features of Andhra pradesh's economy.
CO-3. Examination of governments' community development programmes.
CO-4. Equip and motivate the students to become LIC Agents and Development officers.

Macro Economic Analysis

CO-1. Identifying the basic concepts and theories of Macro economics.
CO-2. Identify the causes of fluctuations in income, output and employment, and make attempts to control them.
CO-3. Awareness about changing macro economic policies and theories.
CO-4. Knowing features, phases and theories of trade cycles.

Economic Development - India and Andhra Pradesh

CO-1. Understands basic characteristics of Indian economy.
CO-2. Analyse the Indian Tax system and recent changes.
CO-3. To assess the Economic initiatives by Government of India during COVID.

CO-4. Assessing the Recent Social welfare Programmes.

Statistical Methods for Economics

CO-1. Demonstrate the role of quantitative techniques in the field of business / industry, illustrate different types of functions, primary and secondary data, diagram and graphic presentation of data.

CO-2. Recognizes central tendency and various measures of central tendency.

CO-3. Recognizes the importance of dispersion, explains and valuates the measures of dispersion - Range, quartile deviation, mean deviation, standard deviation.

CO-4. Understand the concept of two variables and quantitative measurement of correlation including the interpretation of positive, negative and zero correlation.

Agricultural Economics

CO-1. Understand limited resources available in the economy. Realize the need to exploit and utilized through development and improvement of productive techniques.

CO-2. Productivity trends in Indian agriculture with special reference to Andhra Pradesh.

CO-3. Green revolution and its impact on Indian economy.

CO-4. Emerging trends in processing, marketing and exports in agricultural products.

Producers.

CO-3. Educate the students to learn all basic theories of production and consumer behaviour.

CO-4. Understand and analyze the performances of an economy. GNP, NNP, PI and National Income.

Staff Signatures :-

1) Dr. Chelle Usharani - HOD of Economics - Ch Usha
2) T.N.S. Jyothi - Gst in Economics - Jyo

Student Signatures :-

S.NO	Name of the Student	Class	Signature
1	K. Prasanna Kumar	III rd B.A	K. Prasanna Kumar
2	G. Ramakrishna	III rd B.A	G. Ramakrishna
3	D. Yesu Raju	III rd B.A	D. Yesuraju.
4	G. Vani	III rd B.A	G. vani
5	S. Sailaja	III rd B.A	S. Sailaja
6	P. Aruna	III rd B.A	P. Aruna
7	B. satya Durga	III rd BA	B satya Durga
8	K. Ashok Kumar	III rd BA	K. Ashok kumar
9	N. Abhishek	III rd BA	N. Abhishek.
10	N. Rakshitha	III rd BA	N. Rakshitha
11	P. Dharanika	III rd BA	P. Dharanika
12	K. Ribka	III rd B.A	K. Ribka
13	D. Venkateswara Rao	III rd B.A	D. V. R.
14	Ch. Sandeep	III rd BA	Ch. Sandeep
15	Sk. Khadarvalli	III rd B.A	Sk. Khadarvalli
16	K. Murali Krishna	III rd B.A.	K. Murali Krishna
17	R. Raghavendrababu	III rd B-A	R. Raghu
18	Y. Lakeswara Rao	III rd B-A	Y. Lakeswara
19	V. Ravi Nagakoti Sai.	3rd B.A	V. R. N. K. Sai

20 G. Ratna Sekhar	III BA HEP	G. Ratna Sekhar
21. K. Rakesh	HEP	K. Rakesh
22. N. Rakshita	III BA (HEP)	N. Rakshitha
23. P. Lalitha	III B.A (HEP)	P. Lalitha
24. K. Anna sharone	III B.A (HEP)	K. Anna sharone
25. B. chandra babu	BBA (HBP)	B. Chandra babu
26. T. Lakshmi nagaa Sai	I BA (C.P.C.A)	T. L. N. Sai
27 Y. Srinivas	I BA (HCP)	Y. Srinivas
28. K. Raj kumar	I BA (CEPCN	K. Raj Kumar
29. M Ravi	I BA (EPCN)	M. Ravi
30. U. Raja kumari	II BA (HCP)	U. Rajakumari
31. D. subha mani	I B.A (H.E.P)	D. subha mani
32. M. Pamya	II B.A (H.E.P)	M. Pamya
33. PCHINNARI	I B.A (H.E.P)	PCHINNARI
34. K. Sujini	1st BA (HEP)	K. Sujini
35. G. Ramya	1st B.A (HEP)	G. Ramya
36. N. Nikitha	1st B.A (HEP)	N. nikitha
37. D. yamuna	1st B.A (HEP)	D. yamuna
38. G. Sravani	1st B.A (HEP)	G. Sravani
39. G. Asha	1st B.A (HEP)	G. Asha
40. J. Sneha	1st B.A (HEP)	J. Sneha
41 R. Smily	II B.A (H.E.T)	R. Smily
42 P. kamala	II B.A (H.E.P)	P. kamala
43. M Sirisha	II B.A (H.E.P)	M. Sirisha
44. K. Pavani Durga	II B.A (H.E.P)	K. Pavani Durga
45. U Papamma	II B.A (H.E.P)	U. Papamma
46. P. Sudha rani	II B.A (HEP)	P. sudha rani
47. N. Nandini	II B.A (H.E.P)	N. Nandini
48. G. Sony	II B.A (HEP)	G. Sony
49. P. Lakshmana	II B.A (HEP)	P. Lakshmana
50. M. Sai babu	II B.A (HET)	M. Sai babu
51. P. Ram Prasad	I BA (HEP)	P. Ram Prasad
52 G. Akash	II B.A (HET)	G. Akash

Programme Outcomes

under Choice Based Credit System (CBCS)

Department of English, Sri A.S.N.M GDC(A), Palakol west Godavari District.

Semester I B.A, B.Com, B.Sc for the Academic year 2020-21.

English Praxis I

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

- use grammer effectively in writing and Speaking
- Demonstrate the use of Good vocabulary.
- Demonstrate an understanding of writing skills.
- Acquire ability to use soft Skills in professi -onal and daily life.
- Confidently use the tools of Communication Skills.

Semester II B.A, B.Com, B.Sc for the academic year 2020-21.

By the end of the course the leapner will be able to :-

- use Reading skills effectively.
- Comprehend different texts.
- Interpret different types of texts.
- Analyse what is being read
- Build up a repository of active vocabulary.
- use good writing strategies.

- write well for any purpose.
- Improve writing skills independently for future needs.

Semester III BA, B.Com, B.Sc for the Academic year 2020-21.

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 English

Programme outcomes:-

→ Developing intellectual, personal and professional abilities through effective Communicative Skills; ensuring high Standard of behavioural attitude through literary Subject and shaping the Students socially responsible citizens.

→ To enhance employability of the students by developing their linguistic Competence and Communicative Skills.

→ Students should be able to develop their intellectual, personal and professional abilities. Students should aquire basic language skills, such as listening, Speaking, Reading and writing.

Programme Specific outcomes :-

→ On Succesfull Completion of the programe, the Students will be accurate both in oral and written Communication as they will be Strong in grammer and its usage.

→ They Can Express a thorough Command of English and its linguistic Structures.

→ They Can apply critical frame works to analy-ze the linguistic, Cultural and historical background of texts written in English.

→ They will be familier with the Conventions of diverse textual genres including fiction, non-fiction, poetry, autobiography, Journal, film, plays, editorials etc..

→ To Enable Students to understand the passage by Silent reading.

→ To learn phonetics and proper intonation.

S.No.	Name of the Student	Class	Roll No	Signature
1.	P. Jahnavi	1st B.Sc (MPCS)	27	P. Jahnavi
2.	A. Thanu	I BSC (B2C)	01	A. Thanu
3.	V. Anusha	I BSc (CBZ)	23	V. Anusha
4.	D. Ratnam	I BSC (CBZ)	07	D. Ratnam
5.	Y. Naga Jyothi	I BSC (CBZ)	25	Y. Naga Jyothi
6.	B. Jyothi Sandhya	I BSC (CBZ)	02	B. Jyothi Sandhya
7.	ch. Naga Jyothi	I BSC (CBZ)	06	ch. Naga Jyothi
8.	G. Lilly Joyce	I BSC (BZC)	10	G. Lilly Joyce
9.	N. Gowri sankar	I BSC (Aqua)	05	N. Gowri Sankar
10.	A. Sravani	I BSC (HBC)	01	A. Sravani
11.	ch. Harika devi	I BSc (HBC)	07	ch. Harika devi
12.	K. Kalyani	I BSc (HBC)	15	K. Kalyani
13.	B. Devi	I BSc (HBC)	03	B. Devi
14.	B. Sindhu	I BSC (B2C)	04	B. Sindhu
15.	B. Navya	I B2C	03	B. Navya
16.	O. Latha Sri	I BSc (MPCS)	07	O. Latha Sri
17.	B. Saamya	I BSc (MPCS)	03	B. Saamya
18.	Y. Sonia	I BSc (MPCS)	34	Y. Sonia
19.	P.S.S.P.Sri Lavanya	I BSc (MPCS)	27	P.S.S.P.Sri Lavanya
20.	G. Harika	I BSC (MPCS)	9	G. Harika
21.	G. Naveena	I BSc (MPCS)	10	G. Naveena
22	A. Ganesh	I BSC (MPCS)	2	A. Ganesh
23	Y. Avinash	I BSC (MPCS)	35	Y. Avinash
24	N. Dola Shiva Ganesh	I B.Sc (MPCS)	20	Ganesh
25.	K. Dinesh Kumar	I BSc (MPCS)	11	Dinesh
26.	ch. Manju	I. BSc (MPCS)	04	ch. Manju
27.	P. Bhanu Sri	I BSc (MPCS)	24	P. Bhanu Sri
28.	A. Sai	I B.Sc (MPCS)	02	A. Sai
29.	V. Anitha Kumari	I BSc (MPCS)	32	V. Anitha Kumari
30.	M. Murali Kalyan	I BSC [MPCS]	17	M. Murali Kalyan
31.	V. Harish Kumar	I BSc [MPCS	33	V. Harish Kumar

32.	N. Sidhaalakshmi	I^st BSc (MPCS)	21	N. Sidhaalakshmi
33	K. Swarnalatha	I^st BSc (MPC)	9	K. Swarnalatha
34	V. Lakshmi Lavanya	I^st BSc (MPC)	14	V. Lakshmi Lavanya
35	L. Sowmya.	I^st BSc (MPCS)	15	L. Sowmya
36	N. durga	I^st BSc (MPCS)	22	N. durga

PRINCIPAL
Sri A.S.N.M. GOVT COLLEGE (A)
PALAKOL-534 260. W.G.DIST

Sri A.S.N.M. Government College(Autonomous)

(Re-accredited at 'B' Grade by NAAC with 2.61 CGPA)

Palakol-534260, West Godavari Dist, Andhra Pradesh, India.

DEPARTMENT OF POLITICAL SCIENCE

Vision

Develop a deep quest for life-long learning that will help them discover the unique contentment of intellectual learning.

Mission

1.To instil reflective and innovative perspective to learning and problem solving.

2.Prepare the students to become responsible citizens.

3.To make the students cultivate critical thinking and build rigorous and persuasive arguments.

4.To produce ethically conscious mind that would help them to be creative and build constructive approaches to the challenges faced by them either individually or socially.

SRI A. S. N. M. GOVERNMENT COLLEGE (A), PALAKOL

NAAC Reaccredited 'B' Grade (CGPA)

Website: www.sriasnmgdcpalakol.ac.in, **Email:** sriasnmgdc@gmail.com

PROGRAMME OUTCOMES

Upon the successful completion of Graduate & Post Graduate programme, students will be able to:

PO 1. Critical Thinking: Take informed actions after identifying the assumptions that frame our thinking and actions, checking out the degree to which these assumptions are accurate and valid, and looking at our ideas and decisions (intellectual, organizational, and personal) from different perspectives.

PO 2. Effective Communication: Speak, read, write and listen clearly in person and through electronic media in English and in one Indian language, and make meaning of the world by connecting people, ideas, books, media and technology.

PO 3. Social Interaction: Elicit views of others, mediate disagreements and help reach conclusions in group settings.

PO 4. Effective Citizenship: Demonstrate empathetic social concern and equity centred national development, and the ability to act with an informed awareness of issues and participate in civic life through volunteering.

PO 5. Ethics: Recognize different value systems including your own, understand the moral dimensions of your decisions, and accept responsibility for them.

PO 6. Environment and Sustainability: Understand the issues of environmental contexts and sustainable development.

PO 7. Self-directed and Life-long Learning: Acquire the ability to engage in independent and life-long learning in the broadest context socio-technological changes

SRI A. S. N. M. GOVERNMENT COLLEGE (A), PALAKOL

NAAC Reaccredited 'B' Grade (CGPA)
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BA – HISTORY, ECONOMICS, POLITICAL SCIENCE (HEP)

Program Specific Outcomes

PSO1. Understand the concept of History and its scope, letting the Students know about Ancient Indian History, Understanding the basic concepts like National Income, Poverty, and International Trade. Defining the role of Politics in Historyas well as Political Science.

PSO2. To provide Life Skills required for gainful employment by using Domain Knowledge – Such as: Historians, Historical Weightings, Economic Surveys and Bureaucrats at various levels.

PSO3. Foreign Invasions on India And its Impact on Agriculture, Foreign Trade, Economic studies and Political changes till Indian Independence.

PSO4. To analyse Mauryan Administration and comparing it with British Administration, To Understand Economic Importance of Various Sectors like Industry, Agriculture and Service Sector & also understanding Economics during Historical period. To understand Politics of the period including the present age.

BA – HISTORY, ECONOMICS, FUNCTIONAL TELUGU (HET)

Program Specific Outcomes

PSO1. Compare and Contrast various stages of Indian Civilization. Historic study of Literature promotes research bent in understanding Economic Aspects of Ancient Period

PSO2. To provide Life Skills required for gainful employment by using Domain Knowledge – Such as: Historians, Historical Weightings, Economic Surveys and Bureaucrats at various levels.

PSO3. Develop skills such as Sharp Thinking, Careful Observation, Critical Assessment, Balanced Evaluation, Comparision, and Contrast can be inculcated

PSO4. The Study of Section's of Religious works in Literature provide platforms for the study of History & Economics of Ancient Periods, provide necessary inputs for the present and future Generations.

BA – ECONOMICS, POLITICAL SCIENCE,COMPUTER APPLICATIONS (EPCA)

Program Specific Outcomes

PSO1: The students will learn about the working of the Economy both National and International and also enhance their Knowledge about the various issues and Achievements of the Economy.

PSO2: The Analytical aspect of the syllabus helps them to Demonstrate knowledge of Terms and concepts, Empirical tools, problem solving skills and Strong Understanding of policies related to Economics.

PSO3: Students will know how laws are made, policies are developed, programs implemented, and what influences and constraints are placed upon the process.

PSO4: Students are able to describe and explain political theory, political systems around the world, and politics in the international arena.

PSO 5: Students are able to apply current technical concepts and practices in the core computer applications.

PSO6: Students will Identify computer application related problems, analyse them and design the system or provide the solution for the problem considering legal, ethical and societal issues.

SRI A S N M GOVERNMENT COLLEGE (A), PALAKOL

West Godavari District, Andhra Pradesh- 534260
Affiliated to Adikavi Nannaya University, Rajamahendravaram
(NAAC Re-accredited by 'B' Grade with 2.61 CGPA)
Website: www.sriasnmgdcpalakol.ac.in Email: sriasnmgdc@gmail.com

Course Outcomes:
B.A POLITICAL SCIENCE (HEP & EPCA)
Semester-I,II,III,IV,V AND VI

Introduction to Political Science	CO-1. Recall the previous knowledge about Political Science and understand the nature and scope, traditional and modern approaches of Political Science. CO-2. Understand concepts intrinsic to the study of Political Science. CO-3. Have solid theoretical understanding of Rights and its theories along with the basic aspects of certain political ideologies. CO-4. Apply the knowledge to observe the field level phenomena.
Basic Organs of the Government	CO-1. Understand the Origin and Evolution of the concept of Constitutionalism and classification of Constitutions. CO-2. Acquaint themselves with different theories of origin of State. CO-3. Understand and analyses organs and forms of Governments along with a deep insight into the various agents involved in the political process. CO-4. Apply the knowledge to analyse and evaluate the existing systems.

Indian Government and Politics	CO-1. Acquire knowledge about the historical background of Constitutional development in India, appreciate philosophical foundations and salient features of the Indian Constitution. CO-2. Analyze the relationship between State and individual interms of Fundamental Rights and Directive Principles of State Policy. CO-3. Understand the composition of and functioning of Union Government as well as State Government and finally. CO-4. Acquaint themselves with the judicial system of the country and its emerging trends such as judicial reforms.
Indian Political Process	CO-1. Know and understand the federal system of the country and some of the vital contemporary emerging issues. CO-2. Evaluate the electoral system of the country and to identify the areas of electoral reforms. CO-3. Know the constitutional base and functioning of local governments with special emphasis on 73rd& 74th Constitutional Amendment Acts. CO-4. Understand the dynamics of Indian politics, challenges faced and gain a sensitive comprehension to the contributing factors. CO-5. Apply the knowledge and critically comprehend the functioning of some of the regulatory and governance institutions. CO-6. Propose theoretical outline alternate models .

Western Political Thought	CO-1. Understand the fundamental contours classical, western political philosophy, basic features of medieval political thought and shift from medieval to modern era. CO-2. Understand the Social Contract Theory and appreciate its implications on the perception of State in terms of its purposes and role. CO-3. Acquaint with the Liberal and Marxist philosophy and analyze some trends in Western Political Thought. CO-4. Critically analyse the evolution of western political thought.
Indian Political Thought	CO-1. Demonstrate and familiarize with main ideas of the key Indian Political Thinkers CO-2. Analyze and compare the ideas and theories of Modern India Political Thinkers. CO-3 Aware about the relevance of Ancient and Modern Indian Political Thought in present era.
Principles of Public Administration	CO-1 Awareness about the evolution and growth of the discipline of Public Administration CO-2.Learning of basic principles and approaches of Public Administraticners. CO-3 Theoretical clarity of basic concepts and dynamics (both ecological and others) relating to Public organizations.

E-Governance	CO-1 Acquaint student with the introduction to good governance and how it can be achieved by information and communication technology. CO-2 Understand the growing needs of E-Governance, improving transparency in the system of governance CO-3.Have understanding of various government schemes and E-Governance projects and initiatives. CO-4.Provide the practical knowledge about the effective delivery of citizen services through online mode. CO-5. Realize the issues and challenges of E-Governance.
Local Administration	CO-1.Understand the existing context of Local Government institutions in India. CO-2.Have knowledge on the need of empowerment and autonomy of LGIs. CO-3.Provide an overview on financial resources and constitutional provisions. CO-4.Analyse the issues, problems and conflicts in Local Administration. CO-5.Develop communication skills to interact with the elected members and officials. CO-6.Enhance skills for observation, organizing, networking, documentation.

Internship	CO-1.Explore career alternatives prior to graduation. CO-2. Integrate theory and practice. CO-3. Assess interests and abilities in their field of study. CO-4.Learn to appreciate work and its function towards future . CO-5.Develop work habits and attitudes necessary for job success. CO-6.Develop communication, interpersonal and other critical skills in the future job. CO-7.Build a record of work experience. CO-8.Acquire employment contacts leading directly to a full-time job following graduation from college. CO-9. Acquire additional skills required for world of work.

T. Kori

Lecturer in Political Science
Sri A.S.N.M. Govt. College (Autonomous)
PALAKOL-534 260, (W.G.Dt)

2020-21 AB

S.NO	Student Name	Group	Signature
1	M. Sirisha	B.A H.E.P	M. Sirisha
2	P. Kamala	B.A (H.E.P)	P. Kamala.
3	K. Sravani	B.A [H.E.P]	K. Sravani
4.	K. Pavani Durga	3rd BA [H.E.P]	K. Pavani Durga
5.	K. Govardhani	III BA [H.E.P]	K. Govardhani
6.	P. Lakshmana	II BA (H.E.P)	P. Lakshmana
7.	K. Pavan	III BA (H.E.P)	K. Pavan
8.	K. Pavan Sai	III BA (H.E.P)	K. Pavan Sai
9.	K. Jhansi	III BA (H.E.P)	K. Jhansi
10.	K.L. Niharika	III BA (H.E.P)	K.L. Niharika
11.	P. Sudha rani	III B.A (H.E.P)	P. Sudha rani
12.	S. Swathi sai	III BA (H.E.P)	S. Swathi sai
13.	N. Nandini	III BA (H.E.P)	N. Nandini
14.	G. Sirisha	III B.A (H.E.P)	G. Sirisha
15	G. Sony	III BA (H.E.P)	G. Sony
16.	K. Gowa Durga Sneetha	III B.A (H.E.P)	K. Gowa Durga Sneetha
17	K. Deepthi	III B.A (H.E.P)	K. Deepthi
18	R. Smily	III rd B.A (H.E.P)	R. Smily
19.	S. Sai lakshmi	III rd B.A (H.E.P)	S. Sai lakshmi
20	P. Jitendra	III rd BA (H.E.P)	P. Jitendra
21	M. Rajkumar	III rd BA	M. Rajkumar
22	P. Ramprasad	III rd B.A H.E.P	P. Ramprasad
23	M. Siri babu	III rd BA (H.E.P)	M. Siri babu.
24.	K Sudhakar Kumar	III rd B.A (H.E.P)	K. Sudhakar Kumar
25.			

T. Koti

Lecturer in Political Science
Sri A.S.N.M. Govt. College (Autonomous)
PALAKOL-534 260. (W.G.Dt)

2021-22 1B

S.No	signature of the student	Group	signature
1	K. Sojini	I BA (H.EP)	K. Sojini
2	G. Sravani	BA (H.EP)	G. Sravani
3	G. Ratnasuhasini	II	G. Ratnasuha
4	P. Tarun	IInd B.A	P. Tarun
5	K. Sravani	IInd B.A	K. Sravani
6	D. Yamuna	IInd B.A	D. Yamuna
7	G Ramya	IInd B.A	D. Ramya
8	P. Chandini	II nd B.A	P. chandini.
9	S. Sirisha	II nd BA (H.EP)	S. Sirisha
10	S. manisha	II nd BA (H.EP)	S. manisha.
	N. Jyothi		

T. Hari

Lecturer in Political Science
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PALAKOL-534 260, (W.G.Dt)

2022-23 AB

S.NO	Signature of the student	Group	Signature
1	N. Jyothi	1BA (HEP)	N. Jyothi
2	S. Jahnavi	1BA (HEP)	S. Jahnavi
3	P. Keerthana	1BA (HEP)	P. Keerthana
4.	S. Anusha	1BA (HEP)	S. Anusha
5.	S. Asha Jyothi	1BA (HEP)	S. Asha Jyothi
6.	D. Pamya	1BA (HEP)	D. Pamya
7.	K Bujjibabu	1BA (HEP)	K. Bujjibabu
8	V Siva Ganesh	1BA (HEP)	V. Siva Ganesh
9.	Bhavani	1BA (HEP)	Bhavani
10.	Indraja	1BA (HEP)	Indraja
11.	Srija	1BA (HEP)	Srija
12.	P. Rupa lakshmi	1BA (HEP)	P. Rupa lakshmi
13.	Raj kumar	1BA (HEP)	Raj kumar

T. Kri

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