SHAHEED MANGAL PANDEY GOVT GIRLS P G COLLEGE, MADHAVPURAM, MEERUT, UTTAR PRADESH



DEPARTMENT OF HOME SCIENCE

PROGRAM OUTCOME (PO), PROGRAM SPECIFIC OUTCOME (PSO), COURSE OUTCOME (CO)

PROGRAM OUTCOME (PO) – GRADUATION

- 1. Acquire knowledge, skill and attitude to work with the communities
- 2. Get sensitized on the issues of society
- 3. Acquire knowledge to develop entrepreneurial skills.
- 4. Showcase domain specific role clarity
- 5. Shine as competent graduates

PROGRAM SPECIFIC OUTCOME (PSO) – BA ARTS (WITH HOME SCIENCE)

- **1.** Acquire knowledge and entrepreneurial skills in the field of food science and nutrition, clothing and textiles, extension education, home management and human development.
- 2. Become a competent home maker for the upliftment of family and society.
- **3.** Theory as well as practical knowledge of the subject.
- **4.** Application of learning of home science at their homes as well as for professional purposes.
- 5. Act as proactive agents of change

COURSE OUTCOME (CO) – HOME SCIENCE SUBJECT

Student should be able to:

Human Resource Management and Interior Decoration- (Theory and Practical)	 Aware about of human resources and there potential Acquire ability to use human resource Develop ability to improve human resources Know the importance of decisions in management. Gain managerial skills Develop skill of home decoration. Knowing use, updated techniques and recent trends in household appliances Develop and acquire skills in housekeeping activities
Extension Education – (Theory and Practical)	 Understand the concept of extension and its importance Get acquainted with trends in extension approaches and models Understand the techniques and methods in extension education Able to serve for community welfare Understanding better communication techniques. Develop skill of preparation and use of tools of communication
Food, Nutrition and dietetics –(Theory and Practical)	 Understand the concept of Food, Nutrition and dietetics Understanding of various nutrients and their role in body Theory as well as practical knowledge of cooking, food preservation and food preparations Know supportive services and programmes for community health management Understanding of normal and therapeutic meal planning Development of professional skills related to food and nutrition.
Clothing and Textiles– (Theory and Practical)	 Understanding the basic concepts of clothing and textiles Developing skills in designing, sewing, finishing of garments. Understanding of fibres and fabric manufacturing. Development of skills relate to optimal use of fabrics and garments. Development of entrepreneurial skills related to fabrics and garment construction.
Human Development- (Theory and Practical)	 Understanding the basic concepts of human development

	 Developing skills in child rearing, child counseling, child psychology etc. Understanding the various developmental theories, stages and principles of human development etc.
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Dr Gauri Assistant Professor (Home Science)

BA in ECONOMICS

Course Outcomes

It is a course focused on the core fundamentals of Economics, its theories and applications. It covers both qualitative and quantitative courses in Economics like Microeconomics, Macroeconomics, Economic Statistics, History of Economics, Indian Economy, etc.

After completion of BA Program students should be able to.....

- 1. The Course is designed for the students pursuing graduation with Economics in regular mode.
- 2. The programme aims to inculcate economic thinking among the students in economic decision making by comprehending economic theory.
- 3. It aims to develop analytical view point in the students about the economic behaviour of people.
- 4. The objective is to nurture among student a view point of a socially responsible and ethical aware citizen.

SPECIFIC OUTCOMES

On completion of BA (ECONOMICS) students are able to:

- 1. Serve as an economist.
- 2. Work as a teacher in colleges, schools.
- 3. Serve as policy makers and budget analysts.
- 4. Can admit to MA Economics, Civil Servants, Economical Services, etc.
- 5. Work in NGOs.
- 6. Can prepare for competitive exams.
- 7. Pursue MBA in Finance and Banking or an M.A in finance or a Chartered Financial Analystcertification after graduating.
- 8. Work in Finance and Banking Sector.
- 9. Work as a consultant or an Economic advisor for firms and corporates.

Detail of courses introduced in BA Program.

- 1. Micro Economics
- 2. Macro Economics
- 3. Elementary Quantitative Methods.
- 4. Public Finance
- 5. Indian Economy
- 6. Economic Growth and International Trade

Program outcomes:

Students have an understanding of:-

- 1. Behavioural patterns of different economic agents, advance theoretical issues and their applications.
- 2. Basic concept of monetary analysis and financial marketing in Indian financial markets.
- 3. Measurement of development with the help of theories along with the conceptual issues of poverty and inequalities with Indian perspectives
- 4. Basic concept of microeconomics.
- 5. Basic concepts of Macroeconomics.
- 6. Basic statistical methods to be applied in economics.
- 7. Basic mathematical methods to be applied in economics.
- 8. Development issues of Indian economy.
- 9. Some basic concept of environmental economics along with the solution of the environmental problems.
- 10. The students are familiar about issues of ethics in economic thinking and practice.

MA in ECONOMICS

Course Outcomes

A master's degree in Economics is a two-year full-time course. This course contains topics like economic theory, history of economics, econometrics, macroeconomics, microeconomics, mathematics for economists, economics research methods, corporate finance, development economics, economic policy, international economics and mathematical methods for economic analysis. It offers advanced knowledge in the field of Economics with an elaborate knowledge base.

After completion of MA Program students should be able to understand:-

- 1. Behavioural patterns of different economic agents, advance theoretical issues and their applications.
- 2. Basic concept of monetary analysis and financial marketing in Indian financial markets.
- 3. Measurement of development with the help of theories along with the conceptual issues of poverty and inequalities with Indian perspectives
- 4. Basic concept of microeconomics.
- 5. Basic concepts of Macroeconomics.
- 6. Basic statistical methods to be applied in economics.
- 7. Basic mathematical methods to be applied in economics.
- 8. Development issues of Indian economy.
- 9. Some basic concept of environmental economics along with the solution of the environmental problems.
- 10. The students are familiar about issues of ethics in economic thinking and practice.

SPECIFIC OUTCOMES

Postgraduates of Economics can work as the following:-

- 1. Economists
- 2. Accountants
- 3. Public Policy Analysts
- 4. Budget Analysts
- 5. Financial Managers

- 6. Market Researchers
- 7. risk Analysts
- 8. Investment Analysts
- 9. Economic Researchers
- **10**. Economics Teachers/Professors
- 11. Data Scientists
- **12**. Health Insurance Analysts
- 13. Statisticians
- 14. Work in NGOs.

15. Can prepare for competitive exams, etc.

Detail of courses introduced in BA Program.

- 1. Micro Economics
- 2. Macro Economics
- 3. Quantitative Methods
- 4. Economics of Education and Health or Agricultural Economics or Labour Economics or
 - Economics of Infrastructure or Research Methodology
- 5. Economics of Growth and Development
- 6. Econometrics or Gender Economics or Industrial Economics and Entrepreneurship or

Economics of Insurance SE. Computer Applications in Economics

- 7. Public Economics
- 8. International Economics
- 9. Financial Institutions and Markets
- **10**. Indian Economy
- 11. Demography
- 12. Environmental Economics

Program outcomes:

MA Economics is one of the most in-demand fields in the global economy. Besides the vast careerscope, this degree also equips aspirants with advanced skills that are transferable to various other fields and enhance one's professional portfolio to a great extent. Following are the skills that youwill gain after completing the Master's degree in Economics:-

- 1. Clear understanding of the national and global economy along with various economicpractices, principles, and theories.
- 2. Knowledge about various economic fields.
- 3. Skills to analyse global economic issues and finding effective solutions for them.
- 4. Mastering several economic tools, techniques, and models for the enhancement of theoverall economy.
- 5. Strong analytical, numerical, and problem-solving skills
- 6. Management and entrepreneurship skills
- 7. Effective communication, leadership, and team management skills

A Master of Economics degree enables students to learn how to apply economic principles and theories to real-life situations. This degree hones your analytical skills and guides you to utilize your expertise to come up with innovative solutions to a range of problems along with knowledge on various econometric techniques and software. Given the broad scope of scenarios to which such a skill-set can apply, a Master of Economics degree is rapidly becoming a popular choice for those pursuing graduate studies, alongside courses such as Finance, Accounting, and Management. So, if you want to establish a winning career in financeand economics, seeking MAEconomics is the best career option for you.

BACHELOR AND MASTER IN PHYSICAL EDUCATION

COURSE OUTCOME

- After completion of this course students will be able to learn and deliver knowledge about the various Anatomical and Physiological parameters of human body. The learning of growth and development pattern will enable them to apply the various principles on the sports skill development of the athlete.
- Understanding of history of yoga, ashtanga yoga, physical education and sports effectively know about and apply yoga in everyday life of each individual for further research and development.
- Successful completion of this course will help students to learn about health, different aspects of health, health education, principles of health education, epidemic and community health services.
- This course will initiate learning about sports injuries, cure and their treatment, various diagnostic procedures and the role of physiotherauptic applications for the management and Rehabilitation of the injury.
- On completion of this course students will have practical knowledge and experience to perform various sports, Track and Field activities such as jumps, throws, running events, starts and finishes, etc. Sports like indoor and outdoor sports i.e. Badminton, Table Tennis, Kabaddi, Yoga, Kho-Kho etc.
- The postgraduate course enables students to learn about various research methods parametric, non- parametric, measures of central tendency, measures of variability etc. Also they will learn about various teaching methods, Use of ICT and computer applications in special reference to sports.

PROGRAM OUTCOME

- Students enable to develop their academic and professional proficiency. The students will be able to join B.P.Ed., Teacher training course in the field of physical education. They can also join higher education courses for further academic enhancement.
- The students will be able to work as independent fitness expert, yoga trainer or gym trainer etc.
- Students will be enable to find out scope in academic and non academic fields. They can also work for sports NGO, sports organization, sports warehouse, industrial units, sports garments business etc.

DEPARTMENT OF POLITICAL SCIENCE

BA with Political Science

Course Outcomes

After completion of BA Program students should be able to.....

1 Students enable to develop academic proficiency in the subfield of understanding Political Science, Colonialism in India and constitutional Democracy, Comparative Government and politics, International Politics, Political theory, Political Thought, Political ideologies.

2 Student enable to develop and able to demonstrate skills in conducting as well as presentingresearch in political science.

3 Students enable to analyze political and policy problems and formulate policy options.

4 Students enable to discuss the major theories and concepts of political science and its subfields, and also deliver thoughtful and well articulated presentation of research findings.

SPECIFIC OUTCOMES

On completion of BA (POLITICAL SCIENCE) students are able to:

- 1. Serve as a politician.
- 2. Work as a teacher in colleges, schools.
- 3. Serve as political party member, political advisor, and well citizen of India.
- 4. Can admit to MA Political Science, LLB, MSW.
- 5. Work in NGOs.
- 6. Can prepare for competitive exams. Detail of

courses introduced in BA Program.1 Introduction to

Political Theory

- 2. Indian govt. and politics.
- 3. Comparative govt. and politics.
- 4. Introduction to International Relation.
- 5. Legislative support.
- 6. Public Opinion & Survey Research.
- 7. Themes in comparative political theory
- 8. Democratic awareness with legal literacy
- 9. Understanding Globalization
- 10. Conflict and peace building

Program outcomes:

Students enable to develop their academic proficiency. They can find out major scope in academic and non academic arena from the career point of view, the students have a scope in govt. as well as private sectors. Political organizations or govt. sectors like public administration and law. Teaching and lecturing on Political science is another work opportunity.

Department of Sociology B.A (Sociology)

Programme Outcomes (POs)

Knowledge & critical thinking: - To develop sociological knowledge and skills that will enable critical thinking in students about social issues. To develop sociological understanding of the phenomena.

Communication Skills: - To develop communication skills and intercultural ability in students. To develop better written and oral communication skills. They will be able to understand complex techniques and apply them in various real-life situations.

Ethics & Leadership: - Articulate and apply ethics, values and ideals that demonstrate awareness of current societal challenges. Build skills to work as part of a team and lead others, setting directions and formulating inspiring vision.

Self- directed and Lifelong Learning: - Sociology provides an intellectual background for students considering careers in business, social services, public policy, government service, nongovernmentalorganizations, foundations, or academia.

Specialization and Employability: - Develop deeper understanding, creativity, and originality, analytical and critical skills in chosen specialized areas of social science disciplines leading to employability. Enhance the ability to integrate as well as synthesize the acquired knowledge within the social sciences and beyond.

Opportunities: - This program lays foundation for further study in sociology, social work, social welfare, rural development and in other allied subjects.

Program Specific Outcomes (PSOs)

A-132: Students will able to understand the nature of sociology, basic concepts, institutions and the use of Sociology.

A-133: To get acquaint with the structure and composition of Indian Society, Cultural and ethnic diversity, Basic institutions of Indian Society and culture.

A-232: Students can analyze emerging Social issues and problems form sociological perspective. The issues and problems have been classified into four sets: structural, familial development and organizational.

A-233: To Understand Social Change, Theories of Social Change, other concepts to social change and Social Control.

A- 332: To get acquaint the evolution of sociology and contributions of founding fathers of sociology.

A- 333: Students can understand social research, steps of social research, research design, techniques used in social research and analysis of data.

Course Outcomes

Major areas that will be covered under UG (Sociology) programme year wise-

Introduction to Sociology: - Introduction to Sociology, Society in India, Social change and social control, Indian society issues and problems, foundation of sociological thoughts and social research methods.

Foundation of Sociological thoughts:- Students would be able to gain Knowledge about the emergence and development of sociology, pioneers of the subjects like Auguste Compte, Herbert Spancer, Emile Durkheim, Max Weber and Karl Marx and important theories and concepts given by them.

Methods of Social Research: - Students will understand the meaning, scope and importance of social research, techniques of data collection, meaning and significance of status and measures of central tendency.

M.A (Sociology) Programme Objectives

The Post Graduation program in sociology is redesigned with a view to develop skills among students to understand different types of societies and group by acquiring knowledge of theories, concepts and methods of research.

The students will be encouraged to discuss possibilities of applying their knowledge to a variety of situations and undertaking exercise of their own.

Programme Outcomes (POs)

Knowledge & critical thinking: - Demonstrate knowledge of historical emergence, and distinctive contributions of the social science disciplines to the analysis of human behavior and social issues. Critically analyze everyday problems faced by the society, evaluate specific policy proposals, and compare arguments with different conclusions to specific societal issues.

Research Related Skill: - With the study of sociology the students are able to understand a plan of research including conceptualization of the problem, review of literature, and design of a research study and identification of methods for exploring the problem.

Scientific Enquiry: - Develop the capability of defining problems, formulate hypothesis, collect relevant data, develop empirical evidence and interpret the results of such analyses. Develop the ability to work independently as well as effectively in the changing environment.

Ethics & Leadership: - Articulate and apply ethics, values and ideals that demonstrate awareness of current societal challenges. Build skills to work as part of a team and lead others, setting directions and formulating inspiring vision.

Specialization and Employability: - Develop deeper understanding, creativity, and originality, analytical and critical skills in chosen specialized areas of social science disciplines leading to

employability. Enhance the ability to integrate as well as synthesize the acquired knowledge within the social sciences and beyond.

Opportunities: - This program lays foundation for further study in sociology, social work, social welfare, rural development and in other allied subjects.

Course Outcomes

Methodology of Social Research: - Students will able to understand the meaning, scope and importance of social research, steps and types of social research, social survey, ethics about social research techniques of data collection etc.

Basics Statistics and Computer Application in Social Research:- Students will able to

learn about techniques used in social science disciplines along with ICT, software's etc.

Sociology course outcomes for students

Students will be able to understand and demonstrate the analysis, how controversial public issues arise in Indian Society such as racism, class, gender, sexuality and other social groups. The students can develop skills that are useful in their everyday life such as: Leadership -Communication Problem solving skills Cultural Understanding Recognize ethical issues The scope of sociology for students is vast. The areas where students get employment are as follows: **NGOs** International Organizations Urban and Regional planning bodies Administrative Services Teaching in schools/ Universities **Programme Officers**

Department: Drawing and Painting

Cos, POs, SPOs:-

Drawing and Painting "Out Come"

1:- Understanding of conceptual skills by assimilating the elements and principles of art.

2:- Increased proficiency of techniques enhanced creativity of an ethnically diverse population in a sensitive manner.

3:- Develop understanding of professionals needs responsibilities and requirements as an art professional.

4:- They frame a curriculum that support diversity culture inclusively.

5:- Exploration of the nature of 3'D forms and provides a common denominator for the many related discipline such as architecture, design, imagery.

6:- Helps in developing the Abstract sense by reflecting it in the form of art.

7:- Students should be able to embody the knowledge, skills, behaviour and other emotional attributes.

8:- Understanding how artistes of various context used to Express moves and feelings and present ideas.

9:- Teachers to approach problem as exciting opportunities to challenge their skills.

B.A. English

COURSE OUTCOMES (Cos)

After completion of BA program students should be able to -----

1) Understand Indian English Writing as a new form of Indian culture and voice in which India converses regularly. They will be able to understand contributions of various authors in the growth of Indian English Writing.

2) Analyse the difference in the prose techniques of different writers like Addison, Lamb and Bacon.

3) Comprehend the basic difference and special characteristics of the major literary tendencies of various ages and develop familiarity with major literary works by British writers in the field of Poetry, Drama and Fiction.

4) Enhance their reading skills and understand how to represent their experience and ideas critically, creatively, and persuasively through the medium of English language.

5) Learn human values and behavioural pattern from the prescribed novels and develop an understanding of the human race.

SPECIFIC PROGRAMME OUTCOMES (SPOs)
 On completion of BA (English) students are able to ------

1) Work as a teacher in schools and colleges.

2) Prepare for competitive exams.

3) Work in NGOs , Corporate sector , Tourism , Publication, TV and Radio broadcasting advertisement.

4) Work as a translator.

- DETAIL OF COURSES INTRODUCED IN B.A. PROGRAME ------
 - 1) English Prose and Writing Skills
 - 2) English Poetry
 - 3) British and American Drama
 - 4) Indian Literature in Translation
 - 5) Classical Literature & History of English Literature
 - 6) Fiction
 - 7) Indian & New Literatures in English
 - 8) Literature in Films & Media Studies OR Media and Journalistic Writing
- PROGRAMME OUTCOMES (POs) The programme aims to ------

1) Sensitize students to the aesthetic, cultural and social aspects of literature.

2) Assist students in the development of intellectual flexibility, creativity, and cultural literacy so that they may engage in life-long learning.

3) Inculcate in them the skills of reporting, editing and feature writing in print medium to have a career perspective in media and journalism.

4) Develop a more complex understanding of the history, literature, narrative techniques, drama techniques, kind of fiction and drama existing in Britain, America and India.

5) Assist the student in the development of core skills in other media like TV, Radio and Internet.

6) Generate awareness towards the problems of interpreting Indian Culture via the English Language and acquaintance with the work of significant Indian writers of Poetry, Prose, Fiction and Drama.

M.A. English

Course Outcomes (Cos)

After completion of MA program students should be able to ------

1) Develop an understanding of the Indian freedom struggle, the contemporary political, social and economic scenario and the also the trauma of the partition.

2) Exposed to the unflattering portrayal of the contemporary Indian society through popular works of Indian fiction writers in English.

3) Get acquainted with different cultures, myths and social conservation through the reading of selected novels of Britain, America and India.

4) Develop an acquaintance with the works, themes, styles and sensibilities of the writers from Europe, North and South America, Canada, and Africa.

5) Understand the history of translation and its forms.

6) Enhance job opportunities by fostering translation skills.

SPECIFIC PROGRAMME OUTCOMES (SPOs)
 On completion of MA (English) students are able to ------

1) Work as a teacher in schools and colleges.

- 2) Prepare for competitive exams.
- 3) Pursue Research in English literature.

4) Appear for UGC NET and PGT .

5) Work in NGOs , Corporate sector , Tourism , Publication, TV and Radio broadcasting advertisement.

6) Develop an understanding of the basic poetic and prose devices to read, identify and analyse various literary forms of poetry and prose.

7) Provide students a taste of diverse literary practices emanating from different regions and sections of India.

 PROGRAMME OUTCOMES (POs) The programme aims to ------

1) Make the students aware of literature written/translated in English speaking countries like UK/ USA.

2) Create a possibility to emerge as prospective writers, editors, content developers, teachers etc.

3) Increase knowledge in English literature for higher studies.

4) After Postgraduation in English, students can find out major scope in government as well as private sectors.

<u>हिन्दी विभाग</u> शहीद मंगल पांडे राजकीय महिला स्नातकोत्तर महाविद्यालय मेरठ <u>Subject</u> – Hindi <u>B A 1Year</u> (NEP) <u>Semester</u> – 1 <u>Course Title</u>- हिन्दी काव्य <u>Course Code</u> -- A010101T

Programme Outcomes

 विद्यार्थियों को भारतीय ज्ञान परम्परा के अन्तर्गत हिन्दी साहित्य एवं भाषा का आधारभूत ज्ञान प्राप्त होगा।
 साहित्य के मूलभूत स्वरूप, यथा विभिन्न विधाओं, हिन्दी के रोज़गार परक स्वरूप की जानकारी प्राप्त होगी।
 विश्व की सर्वाधिक वैज्ञानिक भाषा अर्थात् हिन्दी में रोज़गार कौशल प्राप्त होगा।
 भाषा, साहित्य तथा संस्कृति की अन्तर्सम्बद्धता के प्रति विद्यार्थियों में समझ विकसित होगी।
 विद्यार्थियों में राष्ट्रीयता तथा नैतिक चरित्र की भावना का विकास होगा। 6) कम्प्यूटर के माध्यम से विद्यार्थियों को नए समाज की चुनौतियों का सामना करने में सक्षम बनाने का प्रयास किया जाएगा।

Programme Specific Outcomes.

बी. ए. प्रथम वर्ष प्रथम सेमेस्टर के 'हिन्दी काव्य' प्रश्नपत्र के अन्तर्गत भारतीय ज्ञान परम्परा में हिन्दी साहित्य के विभिन्न कालों के प्रतिनिधि कवियों की कविताओं के विषय में जानकारी देना तथा हिन्दी काव्य के इतिहास की संक्षिप्त जानकारी देकर विद्यार्थियों को हिन्दी कविता के विकास क्रम से अवगत कराना।

बी. ए. प्रथम वर्ष ,द्वितीय सेमेस्टर के 'कार्यालयी हिन्दी और कम्प्यूटर' प्रश्नपत्र के अन्तर्गत हिन्दी के विद्यार्थियों को कार्यालय के कार्यों की मूलभूत जानकारी प्रदान करना ताकि वे कार्यालय के समस्त कार्यों को सुगमतापूर्वक कर सकें एवं उन्हें कम्प्यूटर का मूलभूत ज्ञान देकर कम्प्यूटर पर हिन्दी में कार्य करने में सक्षम बनाना ताकि वे सम्चित रोज़गार प्राप्त कर सकें।

Course Outcomes

बी. ए. प्रथम वर्ष ,प्रथम सेमेस्टर के 'हिन्दी काव्य' प्रश्नपत्र के अन्तर्गत हिन्दी काव्य के प्रतिनिधि कवियों की कविताओं के विषय में जानकारी देना तथा हिन्दी काव्य के संक्षिप्त इतिहास की जानकारी देकर विदयार्थियों को हिन्दी कविता के विकास क्रम से अवगत कराना

बी. ए.प्रथम वर्ष, द्वितीय सेमेस्टर के 'कार्यालयी हिन्दी और कम्प्यूटर' प्रश्न पत्र में

हिन्दी के विद्यार्थियों को कार्यालय के कार्यों की मूलभूत जानकारी प्रदान करना ताकि वह कार्यालय के कार्यों को सुगमता पूर्वक कर सकें एवं उन्हें कम्प्यूटर का मूलभूत ज्ञान देना तथा उन्हें कम्प्यूटर पर हिन्दी में कार्य करने में सक्षम बनाना ताकि वे कम्प्यूटर पर कार्य करने में सक्षम होकर रोज़गार प्राप्त कर सकें।

SHAHEED MANGAL PANDEY GOVT GIRLS P G COLLEGE

MADHAVPURAM, MEERUT, UTTAR PRADESH



DEPARTMENT OF HISTORY

PROGRAM OUTCOME (PO), PROGRAM SPECIFIC OUTCOME (PSO), COURSE OUTCOME (CO)

PROGRAM OUTCOME (PO)- GRADUATION

- **1.** To promote an understanding of the processes of change and development through which human societies have evolved to their present stage of development
- **2.** To promote an understanding of the common routes of human civilizations and an appreciation of the basic unity of mankind.
- **3.** Learn a basic narrative of historical events in a specific region of the world in a specific time frame.
- 4. Distinguish between primary and secondary sources.
- 5. Understand and evaluate different historical ideas, various arguments, and points of view.
- 6. Evaluate competing interpretations and multiple narratives of the past.
- 7. Gather and assess primary historical evidence.
- 8. Compile a composite bibliography.
- 9. Present clear and compelling arguments, based on critical analysis of diverse historical sources.
- **10.** Articulate factual and contextual knowledge of specific places and times, to make careful comparisons (across time, space, and culture) and to discern how each generation (including theirs) uses the past for present purposes.
- **11.** Students should understand academic honesty, a concept presented to them in all history classes.
- **12.** Students should understand the basic skills that historians use in research.
- 13. Students should understand the basic skills that historians use in writing.
- 14. Students should understand the basic tools of historical analysis.
- 15. Students should understand the value of diversity.
- **16.** Students should develop a secular outlook towards society.
- 17. Students should believe in the equality of man irrespective of caste, creed, religion and colour.
- **18.** Students should learn to believe in the ideas of religious toleration.

PROGRAM SPECIFIC OUTCOME (PSO)- B.A. HISTORY

- 1. Understand background of our religion, customs institutions, administration and so on.
- **2.** Understand the present existing social, political, religious and economic conditions of the people.
- **3.** Analyze relationship between the past and the present is lively presented in the history.
- **4.** Develop practical skills helpful in the study and understanding of historical events.
- 5. Develop interests in the study of history and activities relating to history.
- 6. The study of history helps to impart moral education.
- 7. History installs the feeling of patriotism in the hearts of the pupils

COURSE OUTCOME (CO)- HISTORY SUBJECT

Student should be able to:

THE TRENDS IN HISTORIOGRAPHY	•	Produce written work that incorporates consideration of the relevant historiography along
		with the theory that informs it
	•	Construct original historical arguments based on
		primary source material research.
	•	Demonstrate a superior quality of writing both in
		terms of mechanics and in developing an argument effectively
	•	Develop an ability to convey verbally their thesis research and relevant historiography and theory.
HISTORY OF THE EARLY WORLD	•	It proposes the idea that humankind as a whole
		has a history to be investigated and that a world history course may be more than study of various "cultures," each disconnected from the others.
	•	It has a unified chronology. That is, it organizes the
		human past into nine Big Eras, each of them
		encompassing changes around the globe. The
		curriculum does not use civilizations and their exclusive chronologies as the main units of history, even though developments within major societies are richly explored.
	•	It encourages educators to think explicitly about
		the aims of world history education and about the
		knowledge and understandings that they expect
		their students to achieve.
	•	It is conceived on the premise that students will
		achieve will greater competence in world history
		and more successfully meet content and
		performance standards, if they are guided to relate
		historical meaning and significance
		Classify nature of nre historic societies
		Identify Palacelithic and Neolithic settlements
INFORMATICS AND HISTORY	•	Acquiring basic knowledge of the contribution of
	-	Information technology to history
	•	Identify concept of social informatics
	•	Classify digital resources for learning and research
		in history
	•	evaluate network of computers
HISTORY OF EARLY INDIA	•	Describe Prehistory and Protohistory
	•	Classify urbanisation in the gangetic Basin
	•	Classification of Buddhism and Jainism
	•	Acquire knowledge about Early Tamilakam
	•	Identify Early Indian Maps
HISTORY OF THE MEDIEVAL WORLD	•	Focus on how people and their institutions are
-		shaped by events to a focus on how underlying
		forces and movements shape events and then to
		looking at how abstract, impersonal forces shape
		history
	•	Focus on what happened during a specific time
		period to a focus on putting that period into its

	broader, dynamic context and then to considering
	now we use the past to help make sense of the
	 Looking at how people's perspectives on an event
	in its historical context differs from looking at how
	people have since come to interpret events in the
	past and then to examining disputes over the
	nature and extent of the underlying forces.
METHODOLOGY OF HISTORICAL WRITING	• Write articles on historical topics, Writing History and Techniques of historical writing
	• Developed their ability to assess critically
	historical analysis and argument, past and present
	• gained an understanding of the development of the academic study of history throughout the world since the later eighteenth century (since the Renaissance for the Venice stream)
	• gained an awareness of recent and contemporary debates in the theory and practice of historical writing
	• gained insight into current methodologies, theories, and concepts, currently in use within the historical discipline
	• gained insight into how historical arguments have been and are made
	• become aware of historiographical traditions outside the West
	• had the opportunity to think reflexively about the nature of the historical enterprise within society
	IDENTIFY HISTORY AS Scientific Discipline
KERALA SICEITY AND CULTURE: ANCIENT	Identify Geographical features of Kerala
AND MEDIEVAL	• analyse early human settlements –Palaeolithic, Neolithic
	describe Polity and society of Perumal Era
	 classify age of naduvazhis
	Highlights advent of Europeans
	 Identify Kerala Maps – megalithic culture, colonial settlements
HISTORY OF MEDIEVAL INDIA	Understanding of Delhi Sultanate
	• Analyse Mughal rule administrations, art, and architecture
	Identify cultural synthesis
	Analyse Medieval South India
	• Maps- important centres in Delhi Sultanate, Mughal Empire under Akbar and Aurangazeb
HISTORTY OF MODERN INDIA	• Evaluate consolidation of English Power in India
	Analyse social religious consciousness in India
	Comparison of Nationalist movements- Pre-
	Gandhian and Post- Gandhian Era

MUSIC (VOCAIL) P.G Level

Program Outcomes-

- 1. Students will demonstrate through solo and collaborative Performances achievements of professional, entry level competence in the major performance area.
- 2. Students will demonstrate the use of basic concepts, tools, techniques and procedures to develop a composition from concept to finished product.
- 3. Students will demonstrate the ability to work on and manage a team in a music industry relate project.
- 4. Students will demonstrate basic knowledge of economics, accounting, business low, management and marketing.

MUSIC VOCAL U.G Level

- 1. Students will demonstrate the ability to hear, identify and work conceptually with the elements of music- Rhythm, melody, harmony, and structure.
- 2. Students will demonstrate familiarity with, and an. ability to perform a wide selection of musical literature Representing principle eras, genes, and Cultural sources.

Special program 'outcomes'

To develop skill all aspects of various competition are held such as Lata Mangeshkar singing competition Patriotic songs geet, Bhajana, Sugam sangeet, Quize Classical Raag Comp competition actions etc, which help in all round developments of music and aesthetic also it impress the ethical, social moral aspects and thinking process by expressing them in melodious and free way.

Faculty of Commerce SMP Govt. Girls PG College, Madhav Puram, Meerut Bachelor of Commerce

Programme Outcomes

After completing three years of bachelors in commerce programmed

- PO 1: Students would gain a thorough grounding in the fundamentals of Commerce and Finance.
- PO 2: The commerce and finance focused curriculum offers a number of specializations and practical exposures which would equip the student to face the modern-day challenges in commerce and business.
- PO -3 The all-inclusive outlook of the course offer a number of value based and job oriented courses ensures that students are trained into up-to-date. In advanced accounting courses beyond the introductory level, affective development will also progress to the valuing and organization levels.

Program Specific Outcome (PSO)

- PSO 1: Students will be able to demonstrate progressive learning of various tax issues and tax forms related to individuals. Students will be able to demonstrate knowledge in setting up a computerized set of accounting books
- PSO 2: Students will demonstrate progressive affective domain development of values, the role of accounting in society and business.
- PSO 3: Students will learn relevant financial accounting career skills, applying both quantitative and qualitative knowledge to their future careers in business.
- PSO 4: Students will learn relevant managerial accounting career skills, applying both quantitative and qualitative knowledge to their future careers in business.
- PSO 5: students will gain thorough systematic and subject skills within various disciplines of commerce, business, accounting, economics, finance, auditing and marketing and international business.,
- PSO 6: Students will be able to recognise features and roles of businessmen, entrepreneur, managers, consultant, which will help Students to possess knowledge and other soft skills and to react aptly when

confronted with critical decision making. PSO–7: Students will be able to prove proficiency with the ability to engage in competitive exams like CA, CS, ICMA, CFA, MBA and other courses.

- PSO 8: students will acquire the skills like effective communication, decision making, problem solving in day to day business affaires
- PSO 9: Students will involve in various co-curricular activities to demonstrate relevancy of foundational and theoretical knowledge of their academic major and to gain practical exposure.
- PSO 10: Students can also acquire practical skills to work as tax consultant, audit assistant and other financial supporting services.
- PSO -11: Students will be able to do higher education and advance research in the field of commerce and finance.
- PSO 12: Students will gain theoretical and practical knowledge, various skills and techniques to do self startup and other job work related to accounting, taxation, auditing, banking advertising, other financial and govt. services and can start their own business and develop entrepreneurial skills.

Course Outcome

- **C-101:** Students will able to understand the nature of Business Communication, concepts, techniques and role in business world.
- **C-102:** To get acquaint with the structure and composition of Business Statistics and statistical methods which is used in research.
- C-103: Students can analyze emerging Social issues and problems financial accounting.
 - To understand the basics of accounting.
 - To know how to prepare and use subsidiary books.
 - To prepare & demonstrate balance sheets.
 - To understand the concept and solve numerical based on different methods of depreciation.
 - To identify and analyze bank reconciliation.
 - The issues and problems of organizational.
 - To gain the knowledge about hire purchasing accounting.
 - To acquire the concept of insolvency in accounts through various examples.
- **C-104:** To Understand the theoretical aspect of Business regulatory framework with different legislation applicable in India
 - To aware the students about the Indian Business Law as The Indian contract Act 1872 and special contract as Indeminity, Guranttee, Bailment and Pledge and Agerncy

- To provide the knowledge to students about the Indian Sales and Goods Act 1930
- To provide the knowledge to students about the consumers rights and consumer protection act 1986.
- To aware the students about the environment with providing the knowledge of environment protection act 1986.
- C-105: To get acquaint about Business Economics and its practical use in real life world business
 - To understand the concept of micro economic
 - To acquire the knowledge about theories of economic demand, and supply.
 - To trace the balanced and unbalanced economic growth.
 - To acquire the knowledge of production function and market structure and market competition.

C-106: Understanding the concept of Indian Business Environment and components and importance in present scenario

- To provide the knowledge to students about the economic trends as income, saving and investment.\
- To provide the knowledge to students about the monetary policy, fiscal policy, investment policy and trade policy.
- To provide the knowledge to students about the NITI Ayog structure and functions and role of NITI ayog in present scenario.

C-201: Understanding the concept of company law

- To acquire the knowledge about company act 2013 and stages of formation of company and role of promoters in establishment of company.
- To demonstrate the incorporation of companies.
- To have sound knowledge about share capital of companies.
- To analyze the concept of stock exchange, primary and secondary market.
- To acquire the knowledge of appointment of duties and responsibilities of company secretary and company meeting and its proceedings.

C-202: understanding the concept of Cost accounting in refrence of product cost and tendring cost.

- To acquire the theoretical and practical knowledge about cost accounting.
- To provide the knowledge students about the various costs and tendring process and formation of tender.

C-203 Understanding the concept and principles of management in present scenario

- To aware the students about the principles and functions and role of management.
- To provide the knowledge to the students about the organization and various level of management in any organization.
- To provide the knowledge to the students about the various schools of management.

• To provide the knowledge to the students about the planning, planning process, coordination, motivation, leadership, decision making and various span of management and its role in present scenario.

C-204 Understanding the theoretical and numerical knowledge to the students about Income Tax.

- This subject inculcates the basic concepts of Income Tax. In order to familiarize the different knowhow and heads of income with its components.
- It helps to build an idea about income from Salaries and House property Income as a concept. It gives more idea about the income from business or profession.
- To develop an idea about capital gain among students. After the successful completion of this subject the students should have thorough knowledge with recent amendments in the Income Tax Act and its practices

C-205 Understanding the theoretical and practical knowledge to the students about Entrepreneurship.

- The students feel motivated to be an entrepreneur. Learn the various strategies and methods of mobilizing resources and to make use subsidies offered by the government.
- Students are able to be the administrator of a business. Women as an entrepreneur encourage and open up the scope to become an entrepreneur.
- They are learned the opportunities and challenges in carry in a new business.

C-206 Understanding the theoretical and practical knowledge to the students about Public Finance.

- It helps the students to understand the various concept and government policies about banking.
- It helps the students to understand the budget process, public finance and public debt.
- It helps to understand the various policies of government about the financial structure of a country.
- It helps students to understand about the deficit budget, fiscal budget, current account and balance of payment and balance of trade.

C 301- Understanding the theoretical and practical knowledge to the students about Corporate Accounting

- Students are able to obtain the knowledge of merits and demerits mergers, acquisition and other strategies to avoid risk.
- Students are fully qualified to become a company secretary, stock broker, finance controller, investment analyst and tax auditor.
- Students will be able to acquire knowledge of solving current issues of an organisation in accounting using innovation techniques.
- To make the students familiarise with corporate accounting procedures and to understand the accounting for banking and insurance companies.

C-302- Understanding the theoretical and practical knowledge to the students about Auditing.

• The students should know the concepts of auditing, types and methods of auditing.

- The Students acquired knowledge about vouching of cash & credit transaction, verification of assets & liabilities.
- From this subject, the students learned about preparation of different methods & auditors' responsibility regarding depreciation & reserves.
- Comprehend the knowledge about appointment of different types of auditor, their rights and duties.
- The Students gain the knowledge about audit in EDP environment.
- C- 303- Understanding the theoretical and practical knowledge to the students about Marketing.
 - State and define what marketing is, its role in the organization, whether it is redundant and why it matters.
 - Describe the elements of the Marketing Mix, its importance and its application a. List the elements of branding, why it is important and what makes a great brand.
 - Describe marketing research, how it is done and how it helps in achieving marketing effectiveness.
 - Describe how to construct a customer journey from discovery to purchase.
 - Describe promotion and its importance in present scenario.

C-304- Understanding the theoretical and practical knowledge to the students about Economic Laws.

- Students can get the knowledge about in environment laws, Industrial Law, IPR Laws, FERA and FEMA.
- They can learn about the competition bill and prevention of money laundering Act 2002

C-305- Understanding the theoretical and practical knowledge to the students about E-Commerce

- This subject introduces the basic concept of E-Commerce and its process and describe the opportunities and challenges offered by E-Commerce.
- Able to handle electronic payment technology and requirements for internet based payments. Understand the categories of E-Commerce and different applications of Ecommerce.
- To understand and identify security issues of E-Commerce.
- After the successful completion of this subject the students should have clear knowledge in the fields of E-Commerce, E-Markets, EPayments Systems etc.,

C-306- Understanding the theoretical and practical knowledge to the students about Management Accounting

- To introduce the concept of fund flow and cash flow statements.
- Imparted knowledge on capital budgeting and decision making techniques.
- To provide knowledge about the preparation of various kings of budgets.
- After the successful completion of the Course the Students have a thorough knowledge on management accounting Concepts and techniques

Faculty of Commerce SMP Govt. Girls PG College, Madhav Puram, Meerut Master of Commerce

PROGRAMME OUTCOME FOR M.COM

On the successful completion of the M.com Programme:

PO-1: Students acquire strong subject matter expertise in various areas like Marketing, Finance and Human Resource Management.

PO-2: To familiarize the students with the fundamentals of capital market and money market perspectives and their impact on the society and volatile finance environment to enable them to take better financial decisions.

PO-3: Develop advanced theoretical knowledge and research capabilities in their preparation for academic and research related career opportunities.

PO- 4- Students acquire theoretical and practical knowledge and skills to work as Accountant, tax consultant, audit assistant, financial advisor, in the area of marketing, advertising, banking, financial service and Electronic Accounting,

PO-5- Students can start their business and will be able to demonstrate knowledge in setting up a computersised set of accounting books.

PO-6- Students are able to do higher education and advance research in field of commerce, finance, accounting, banking, marketing, HRM, management and other related to business.

Program Specific Outcome (PSO)

PSO – 1: Students will be able to demonstrate progressive learning of various tax issues and tax forms related to individuals. Students will be able to demonstrate knowledge in setting up a computerized set of accounting books

- PSO 2: Students will demonstrate progressive affective domain development of values, the role of accounting in society and business.
- PSO 3: Students will learn relevant financial accounting career skills, applying both quantitative and qualitative knowledge to their future careers in business.
- PSO 4: Students will learn relevant managerial accounting career skills, applying both quantitative and qualitative knowledge to their future careers in business.
- PSO 5: students will gain thorough systematic and subject skills within various disciplines of commerce, business, accounting, economics, finance, auditing and marketing and international business.,
- PSO 6: Students will be able to recognise features and roles of businessmen, entrepreneur, managers, consultant, which will help Students to possess knowledge and other soft skills and to react aptly when confronted with critical decision making.
- PSO-7: Students will be able to prove proficiency with the ability to engage in competitive exams.
- PSO 8: students will acquire the skills like effective communication, decision making, problem solving in day to day business affaires
- PSO 9: Students will involve in various co-curricular activities to demonstrate relevancy of foundational and theoretical knowledge of their academic major and to gain practical exposure.
- PSO -10: Students will be able to do advance research in the field of commerce and finance.
- PSO 11: Students will gain theoretical and practical knowledge, various skills and techniques to do self startup and other job work related to accounting, taxation, auditing, banking advertising, other financial and govt. services and can start their own business and develop entrepreneurial skills.

COURSE OUTCOME

- I-1001- Understanding the theoretical and practical knowledge to the students about Management Concept and Organization behavior.
 - The Students clearly know the behavior of individuals and groups as part of the social and technical system in the work place.

- Identified the processes used in developing communication and resolving conflicts and explained the group dynamics and demonstrate skills required for working in groups (team building).
- The students may familiarize in various leadership styles and the role of leaders in a decision making process.
- This subject explained organizational culture and describe its dimensions and to examine various
 organizational designs.
- The students may clearly know the implementation of organizational change.
- On successful completion of the course the students should have to learn the various aspects and concepts in OB 2 and learn OB theories clearly.

I-1002- Understanding the theoretical and practical knowledge to the students about Direct Taxes

- To aware the students about the tax management, concept of Tax Planning and tax planning for new business and financial management.
- To provide the knowledge of students about the filing of return of income and aware the students about the taxation of international transcation and non-resident under the Income Tax Act

I-1003- Understanding the theoretical and practical knowledge to the students about Statistical Analyses.

- They are able to various techniques to organize for calculating profit and risk of business.
- They are able to predict the fluctuations in financial policies.
- It makes the students to analyze the statistical data in an organisation.
- They are more advanced tools of data analysis, forecasting and also to have an understanding of the fundamentals of theory of probability.

I-1004- Understanding the theoretical and practical knowledge to the students about Financial Mangement

- Understanding flow of Funds, Balance of payments and International Monetary System.
- It enables to focus the Markets for Foreign Exchange, Spot and Forward market and exchange rate. 3. It helps to become skilled at Investment decision and Foreign Direct Investment.
- From this subject the students may familiarized in International Financial decisions and international financial markets.

I-2001- Understanding the theoretical and practical knowledge to the students Indirect Tax

- Know the tax system in India particularly GST
- Know the process of Valuation, payment and filing of returns in GST
- The ability of evaluation of the tax impacts on the economic operations in the area of indirect taxation
- Become a GST Practice nor and consultant.

I-2002- Understanding the theoretical and practical knowledge to the students Corporate Financial Accounting

- Enable the students to understand about Amalgamation, Absorption and external reconstruction.
- To introduce and develop knowledge of Holding Company Accounts.
- To make them aware about accounts of Banking Companies and Insurance Companies as per the revised Accounting Standards.
- Enable the students to gain an idea of liquidation of companies.
- After the successful completion of the Course the Students Should have a thorough knowledge on Accounting Practices Prevailing in the Corporate

I-2003- Understanding the theoretical and practical knowledge to the students about Corporate Law and Governance.

- Summarise the legal provisions relating to Companies.
- Understand the key role of SEBI in the Securities Market in India.
- Determine the regulations governing the Forex Market in India.
- Handle legal issues in Consumer Protection and Redressal.
- Gain knowledge about the regulatory framework of Banking and Insurance Sector in India.
- Gain knowledge about the competition Act 2002, companies Act 2013, corporate governance and insolvency and bankruptcy Act.

I=3001- Understanding the theoretical and practical knowledge to the students about Opreration Research.

- Gain knowledge about the theoretical and practical approaches in making effective decision and to classified modals frequently used in operation research.
- To aware the students about the linear programming, assignment problem, queuing theory and job sequence.

I-3002- Understanding the theoretical and practical knowledge to the students about Research Methdology.

- This paper facilitates the students to understand the basic concepts in Research in Social Sciences and business enquiry.
- It enables the students to develop the skills for scientific collection of data and determining the sample size for research.
- It develops the analytical skills of business research.

- It creates awareness among students with regard to the various statistical tools and test of significance that are applied in social and business research.
- The paper forms the basis of guidance for the preparation of project report..

I-3003- Understanding the theoretical and practical knowledge to the students about Strategic Management.

- This paper creates awareness among the students regarding concepts and formulation of strategy, major initiatives taken by a company's top management involving resources and performance in external environment.
- It entails specifying the organization's mission, vision and objectives, developing policies and plan to understand the analysis and implementation of strategic management in strategic business units.
- The students gain knowledge regarding evaluation and control of strategies, types and barriers involved in such evaluation

I-3004- Understanding the theoretical and practical knowledge to the students about Preparing and presenting of Project.

I-4001- Understanding the theoretical and practical knowledge to the students about Managerial Economics

- To aware the students about the Economics uned in managerial decisions.
- To aware the students about the Demand and Supply, Production and cost, market nad prising and business cycle and its impact on Indian Economy.

I-4004- Understanding the theoretical and practical knowledge to the students about Marketing Management

- State and define what marketing is, its role in the organization, whether it is redundant and why it matters.
- Describe the elements of the Marketing Mix, its importance and its application a. List the elements of branding, why it is important and what makes a great brand.
- Describe marketing research, how it is done and how it helps in achieving marketing effectiveness.
- Describe the concept of buyer persona and its importance for constructing effective marketing campaigns.
- Describe how to construct a customer journey from discovery to purchase.

I-4005- Understanding the theoretical and practical knowledge to the students about International Marketing

- Students are enabling to understand the global marketing principles.
- They are prepared to compete in a wide business environment and global standards.
- They could work and find opportunities in digital marketing environment.
- They are enabling to compare domestic marketing strategies with global marketing strategies.
- They are able to take decisions related to designing channel as well as physical distribution systems for making available the products in the international markets.

B.ED. (2-YEARS)

COURSE OUTCOMES:

After successful completion of the two-year B.Ed. programme, pupil teachers will be able to develop......

1. Teaching competency: Know, select and use of learner-cantered teaching methods, understanding of paradigm shift in conceptualizing disciplinary knowledge in school curriculum, necessary competencies for organizing learning experiences, select and use of appropriate assessment strategies for facilitating learning.

2. Pedagogical skills: Applying teaching skills and dealing with classroom problems.

3. Teaching through Non-conventional Modes: Evolving a system of education which enhances the potential of every learner to acquire, retain and transform knowledge leading to wisdom society through creative, experiential and joyful modes of learning.

4. Critical Thinking: Analysis of Curriculum, construction of blue print, selecting appropriate teaching strategies according to needs of students and conducting action research to solve classroom problems.

5. Effective Communication: Presenting seminar before peer students and teachers and practicing communication skills through various linguistic activities and applying it for better classroom communication.

6. Sensitivity towards Inclusion: Identifying the diversities and dealing it in inclusive classrooms environment, guidance and counselling programmes for disabled students.

7. Effective Citizen Ethics: Understand different values, morality, and social service and accept responsibility for the society.

8. Self-directed Learning: Preparing lesson plans, micro plans, project and online content.

9. Social Resilience: Understand about social entities and enable to cope up with adverse conditions of life.
10. Physical Development: Practice yoga, physical education and games and sports

11. Team Work: Enable to work as a member or leader in diverse teams and in multidisciplinary settings by following the principles of collaborative learning, cooperative learning and team teaching.

SPECIFIC OUTCOMES :

On completion of two-year B.Ed. programme students will be able to:

1. Understand basic concepts and ideas of educational theory.

2. Enable to understand learner and his/her learning environment, contemporary India and education, school management, gender, school and society.

3. Enable to comprehend Language across the curriculum, Reading and reflecting on Texts, Drama and Art in Education, developing Communication Skills and observation of school activities by school internship.

4. Enable to understand the individual differences among students, measuring the attainment, evaluating progress, and assessing learning abilities, guidance and counseling programmes, educational technology, ICT and lesson planning.

5. Practice teaching in Schools, inculcate the real experiences of classroom teaching and online teaching by using ICT and its different tools and software.

6. Understand the classroom diversities and enable them to deal with diverse learners in inclusive classroom setup, environmental education, Field Engagements with community.

7. Build understanding and perspective on the nature of the learner, diversity and learning.

8. Comprehend the role of the systems of governance and structural – functional provisions that support school education.

9. Develop understanding about teaching, pedagogy, school management and community involvement.

10. Build skills and abilities of communication, reflection, art, aesthetics, theatre, self expression and ICT.

PROGRAM OUTCOMES:

Students enable to develop their academic proficiency. They can find out major scope in academic and non academic arena from the career point of view, the students will have a scopein govt. as well as private sectors. They can serve as a good teacher. They can prepare for competitive exams as well as they can also work as a teacher in colleges, schools. They will get offered a teaching job as a permanent, temporary, part-time or full-time as per your interest. WithB.Ed degree they can work in Schools, Education Department, Coaching Centres, Education consultancies, home and private tuitions, etc. Apart from teaching in schools, they can open theirown coaching institutions where they can provide tuitions to the students. So that they can improve their teaching skills and knowledge as well as enable to earn more. They can also work as academic content writers or academic counsellors.

DETAIL OF COURSES INTRODUCED IN B.ED. (2-YEARS) PROGRAM:

The present B.Ed. course for two year programme is designed on the current guidelines of NCTE, NCERT, UGC and MHRD with the view to make the student-teachers reflective practitioners. The programme is comprised of three broad inter-related curricular areas :-

Group (A): Perspectives in Education: Core Courses (CC) Group

(B): Curriculum and Pedagogy: Pedagogy Courses (PC)

Group (C) : Experiences for Enhancing Professional Capacities (EPC)

Transaction of the courses is done using a variety of approaches, such as tasks and assignments, projects, group discussion, seminar, interactions with community in multiple sociocultural environments, etc.

GROUP (A): **PERSPECTIVES IN EDUCATION - CORE COURSES** (CC)

These courses are intended to provide a conceptural understanding of relevant concepts and processes in teacher education and also situate them in the broader perspective of education and development.

CLASS	Group (A) : Perspectives in Education : Core Courses (CC)	
B.Ed. I	CC1: (Contemporary India & Education)	
B.Ed. I	Cc2: (Philosophical And Sociological Perspectives Of Education)	
B.Ed. I	Cc3: (Growing Up As A Learner)	
B.Ed. I	Cc4: (Teacher Teaching And Technology)	
B.Ed. II	Cc5: (Creating An Inclusive School)	
B.Ed. II	Cc6: (Gender School And Society)	
B.Ed. II	Cc7: (Knowledge Language And Curriculum)	
B.Ed. II	Cc8: (Work Education Gandhiji Nai Talim And Community Engagement)	

GROUP (B): CURRICULUM AND PEDAGOGY - PEDAGOGY COURSES (PC)

These courses pertain mainly to help student-teachers become effective teachers. For this, it offers the student-teachers not only reorganize one's previous understanding of one's subject of specialization but also the pedagogy as the integration of knowledge about the learner, the discipline and the societal context of learning, so that they may try out evolving a few learning situations and carry them out both in simulated as well as real situations.

CLASS	GROUP (B): CURRICULUM AND PEDAGOGY - PEDAGOGY COURSES (PC)		
B.Ed. I	PC1: (Pedagogy Of School Subject I)		
B.Ed. I	PC 2 : (Pedagogy Of School Subject II)		
B.Ed. II	PC3: (Assessment For Learning)		
B.Ed. II	PC4: OPTIONAL SUBJECTS: Select any one		
B.Ed. I	PC5: Preparation To Function As A Teacher (Teaching Skill including Lesson Planning, Micro Teaching, Simulation Teaching And Macro Teaching Or Teaching Practice)/ E-701		
B.Ed. II	PC6: School Internship/ E-703		

GROUP(C): EXPERIENCES FOR ENHANCING PROFESSIONAL CAPACITIES (EPC)

Apart from conceptual and practical learning gained through Core Courses (CC) and Pedagogy Courses (PC), student-teachers need to develop professional competencies and to experience the fact that the teacher is much more than someone who teaches a subject. The teacher is potentially a participant in the wider education system and he/she may play not only a proactive role in the community life of the school but also as an agent of social development and social transformation. It includes a number of experiences that will enhance the capacity of student teachers in six essential dimensions

CLASS	Experiences For Enhancing Professional Capacities) EPC/ E-702 & E-704
B.Ed. I	EPC1: Strengthening Language Proficiency)/ E-702
B.Ed. I	EPC 2: (Art & Aesthetic)/ E-702
B.Ed. I	EPC 3: (Reading & Reflecting on Text) / E-702
B.Ed. II	EPC 4: (Understanding Of ICT)/ E-704
B.Ed. II	EPC 5 (Scouting And Guiding) / E-704
B.Ed. II	EPC 6: (Working With Community)/ E-704
B.Ed. I	Task & Assignment (from CC 1 -4 and PC1& PC2)
B.Ed. II	Task & Assignment (from CC 5-8 and PC3 & PC4)

Course Outcome and Program Outcomes

The new curriculum of B.Sc. in Science (Botany) offers essential knowledge and technical skills to study plants in a holistic manner. Students would be trained in all areas of plant biology using a unique combination of core, elective and vocational papers with significant inter-disciplinary components.

Students would be exposed to cutting-edge technologies that are currently used in the study of plant life forms, their evolution and interactions with other organisms within the ecosystem. Students would also become aware of the social and environmental significance of plants and their relevance to the national economy.

B.Sc. Botany Programme covers academic activities within the classroom sessions along with practical concepts at laboratory sessions. Infield, outstation activities and projects are also required to be organized for real-life experience and learning.

Candidates who have curiosity in plants kingdom, ecosystem, love exploring exotic places and wish

to work as researchers or professions like Botanist, Conservationist, Ecologist, etc. can choose B.Sc. Botany course.

Programme outcomes (POs):

Transformed curriculum shall develop educated outcome-oriented candidature, fostered with discovery- learning, equipped with practice & skills to deal practical problems and versed with recent pedagogical trends in education including e-learning, flipped class and hybrid learning to develop into responsible citizen for nation-building and transforming the country towards the future with their knowledge gained in the field of plant science.

PO 1	CBCS syllabus with a combination of general and
	specialized education shall introduce the
	concepts of breadth and depth in learning
PO2	Shall produce competent plant biologists who can
	employ and implement their gained knowledge in
	basic and applied aspects that will profoundly
	influence the prevailing paradigm
	of agriculture, industry, healthcare and environment
	to provide sustainable development.
PO 3	Will increase the ability of critical thinking,
	development of scientific attitude, handling of
	problems and generating solutions, improve
	practical skills, enhance communication skill, social
	interaction, increase awareness in judicious use of
	plant resources by recognizing the
	ethical value system.
PO 4	The training provided to the students will make
	them competent enough for doing jobs in Govt. and
	private sectors of academia, research and industry
	along with graduate preparation for national as well
	as international competitive examinations,
	especially UGC-CSIR NET,

UPSC Civil Services Examination, IFS, NSC, FCI,
BSI, FRI etc.
Certificate and diploma courses are framed to
generate self- entrepreneurship and self-
employability, if multi exit option is opted.
Lifelong learning be achieved by drawing attention
to the vast world of knowledge of plants
and their domestication.

Programme specific outcomes (PSOs): B.Sc. I Year / Certificate course in Microbial Technology & Classical Botany

This Programme imparts knowledge on various fields of plant biology through teaching, interactions and practical classes. It shall maintain a balance between the traditional botany and modern science for shifting it towards the frontier areas of plant sciences with applied approach. This syllabus has been drafted to enable the learners to prepare them for self-entrepreneurship and employment in various fields including academics as well as competitive exams. Students would gain wide knowledge in following aspects:

1. Diversity of plants and microbes, their habitat, morphology, architecture and reproduction.

2. Plant disease causing microbes, symptoms & control.

3. Economic value of plants and their use in Human Welfare.

Semester III & IV

Programme specific outcomes (PSOs): B.Sc. II Year/ (Diploma in Plant Identification, Utilization & Ethnomedicine)

This course provides a broad understanding of identifying, growing and using plants. This course is primarily aimed to introduce people to the richness of plant diversity found in surrounding areas. Lecture sessions are designed to cover fundamental topics concerning classification of plants and their utilization required for understanding the flora and vegetation. Practical sessions are organized following theory for easy understanding of the various parts of the plants, structural organization of floral parts and diversity therein. Participants are taken to different locations covering a variety of habitats and forest types to acquaint them with the native flora. in the long run, will contribute towards building momentum for

Programme specific outcomes (PSOs): *B.Sc. III Year / Bachelor of Science*

The learning outcomes of a three years graduation course are aligned with programme learning outcomes but these are specific to-specific courses offered in a program. The core courses shall be the backbone of this framework whereas discipline electives, generic electives and skill enhancement courses would add academic excellence in the subject together with a multi-dimensional and multidisciplinary approach.

1. Understanding of plant classification systematics, evolution, ecology, developmental biology, physiology, biochemistry, plant interactions with microbes and insects, morphology, anatomy, reproduction, genetics and molecular biology of various life-forms.

2. This course is suitable to produce expertise in conservation biology like ex-situ conservation, response to habitat change, genotype characterization and reproductive biology.

3.Understanding of various analytical techniques of plant sciences, use of plants as industrial resources or as a human livelihood support system and is well versed with the use of transgenic technologies for basic and applied research in plants.

4. Understanding of various life forms of plants, morphology, anatomy, reproduction, genetics, microbiology, molecular biology, recombinant DNA technology, transgenic technology and use of bioinformatics tools and databases and the application of statistics to biological data.

5. Entrepreneurship Skill Development, Understand the issues of environmental contexts and sustainable development, Inculcation of human values,

6. Strengthen mathematical and computational skills. Enable students to use ICT & AI effectively.

7. Develop good skills in the laboratory such as observation and evaluation by the use of modern tools and technology.

PSO 1

PSO 2

Understanding the nature and basic concepts of all the plant groups, their metabolism, components at the molecular level, biochemistry, taxonomy and ecology.

The coursewill make themaware of natural resources and the environment and the importance of conserving it. Hands-on training in various fields will develop practical skills, handling equipment and laboratory use along with collection and interpretation of biological materials and data. Knowledge gained through theoretical and labbased experiments will generate technical personnel in various priority areas such as genetics, cell and molecular biology, plant systematics and biotechnology.

Botanists are able to contribute to all these fields and therefore, are mainly employed with educational institutions, government or public sectors or companies in industries, such as agriculture or forestry, oil. chemical. biotechnology, geological survey, environmental protection, drugs, genetic research, plant resources laboratories, plant health inspection services, lumber and paper, food, fermentation, nursery, fruit and so on. Jobs available as a Botanist: •Microbiologist, Plant pathologist, Taxonomist • Plant Physiologist • Plant Biochemist • Researcher • Mycologist • Ecologist • Weed Scientist • Palaeobotanist • Conservationist • Fruit Grower •

Morphologist • Cytologist • Ethnobotanist • Plant geneticists etc.

PSO 3 Inculcate strong fundamentals on modern and classical aspects of Botany, understand knowledge of Botany is an essential pre-requisite for the pursuit of many applied sciences. It will facilitate students for taking up and shaping a successful career in Botany and allied sciences. PSO 4 Introduction of research project will inculcate research aptitude and passion for higher education and scientific research.

Name of the Department

: DEPARTMENT OF CHEMISTRY

Program Outcome and Program Specific Outcomes

Name of the programme	Programme Outcomes	Program Specific Outcomes
B.Sc. Chemistry	 Students gain knowledge of the concepts in Organic, Inorganic and Physical Chemistry. 	1. Clear understanding of the fundamental concepts in Organic, Inorganic and Physical Chemistry.
	2. Students develop the skills on different methods of qualitative and quantitative analysis.	2. Ability to perform chemical experiments skillfully by application of procedural knowledge.
	3. Students will be able to appreciate the applications of chemistry in day to day life and explore new areas of Chemistry and Allied fields of Science and technology	3. Idea about research in chemistry and knowledge of the significance of the scientific concepts learnt which find application in industry, medicine and modern research.
		4. Capacity of working in research labs and related fields.
M.Sc. Chemistry	 An advanced level of knowledge in main area of chemistry like analytical, organic, inorganic and physical. 	1 Aptitude and skills necessary to pursue research as a career.
	 A basic understanding in the major area(s) of research and acquire basic tools needed to carry out minor research projects. 	 2 Skills necessary to be employed in the various sectors like chemical, pharmaceutical, food and materials industries.
	3. The ablity to implement chemistry in an integral activity of social, economic and environmental problems.	3 Competency to clear . competitive examination

4	Skills in problem solving, critical thinking and analytical reasoning in designing problems in research.	
5	Knowledge of for safe handling of chemicals in research and applied chemical laboratory.	

	B.Sc. Chemistry
	Course Outcomes
	(After completing this course, the students will be able to)
1	Explain the periodic properties of elements. Relate the periodicity of elements with their properties.
2	Discuss the stability, preparation and chemical properties of aromatic compounds
3	Distinguish the types of chemical bonding and to predict the shape of molecules based on various theories.
4	Perform a systematic and skillful volumetric analysis.
5	Distinguish the applications of quantitative analysis
6	Determine the physical constants of organic substances accurately. Derive rate equations, and describe molecularity of catalysed and uncatalysed processes.
7	Perform volumetric estimations skillfully
8	Write the IUPAC nomenclature alcohols, aldehydes, ethers and organo-halogens, carboxylic acids, ketones.
8	Discuss the preparation and interpret the chemical properties of alkanes, cycloalkanes, alkenes, dienes, alkynes, alcohols (mono-, di-, tri- & polyhydric), ethers and organohalogens
9	Analyse the properties of different states of matter (gaseous, liquid, solid and colloidal)
10	Compare the Chemical reactivity of elements in the group III to VII. Write the special properties of d- block elements and their chemistry.
11	Apply analytical techniques in qualitative and quantitative measurements. Skilful in identifying mixtures containing two inorganic salts in semi-micro level.
12	Able to analyze mixtures containing two cations (from group I to VI) and two anions of which one will be an interfering one.

MATHEMATICS

B.Sc

Programme Outcome

- 1. Enabling students to develop a positive attitude towards mathematics as an interesting and valuable subject of study.
- 2. A student should get a relational understanding of mathematical concepts and concerned structures, and should be able to follow the patterns involved, mathematical reasoning.
- 3. Ability to analyze a problem, identify and define the computing requirements, which may be appropriate to its solution.
- 4. Introduction to various courses like group theory, ring theory, field theory, metric spaces, number theory.
- 5. Enhancing students' overall development and to equip them with mathematical modelling abilities, problem solving skills, creative talent and power of communication necessary for various kinds of employment.
- 6. Ability to pursue advanced studies and research in pure and applied mathematical science.

Programme Specific Outcome

- 1. Think in a critical manner.
- 2. Know when there is a need for information, to be able to identify, locate, evaluate, and effectively use that information for the issue or problem at hand.
- 3. Formulate and develop mathematical arguments in a logical manner.
- 4. Acquire good knowledge and understanding in advanced areas of mathematics and statistics, chosen by the student from the given courses.
- 5. Understand, formulate and use quantitative models arising in social science, Business and other contexts.

Detail of courses introduced in B.Sc. Program.

- 1. Differential and Integral Calculus
- 2. Matrices and Differential Equations & Geometry
- 3. Linear Algebra and Matrices
- 4. Differential Equations
- 5. Mechanics
- 6. Analysis
- 7. Linear Programming Problems
- 8. Numerical Analysis and Computer Methods

Program outcomes:

- To verify the value of the limit of a function at a point using the definition of the limit. Introduction to sequence and series. Learn to check function is continuous, to understand the consequences of the intermediate value theorem for continuous functions. To learn software. To solve the problems on algebra and calculus by using software. Knowledge of application of mathematics
- 2. Introduction to analytical geometry of 2 dimensional. Study of lines in 2 and 3 dimension. Finding equation in various form of line, circle, ellipse, sphere, cones etc. Give the knowledge of geometry using software. Student will be to understand differentiation and fundamental theorem in differentiation and various rules. Geometricalrepresentation and problem solving on MVT and Rolls theorem. Finding extreme values of function. Introduction to Ordinary Differential Equation.
- 3. Introduction to vector space and subspace. Use computational techniques and algebraic skills essential for the study of systems of Linear equations, matrix algebra, vector spaces, eigenvalues and eigenvectors, Orthogonality and Diagonalization. (Computational and Algebraic Skills). Course Title: MT-222 Numerical Analysis Course Outcome. To apply appropriate numerical methods to solve the problem with most accuracy. Using appropriate numerical methods determine approximate solution of ODE and system of linear equation. Compare different methods in numerical analysis w.r.t accuracy and efficiency of solution

B.Sc. and M.Sc. (Mathematics)

Programme Outcome

- 7. Enabling students to develop a positive attitude towards mathematics as an interesting and valuable subject of study.
- 8. A student should get a relational understanding of mathematical concepts and concerned structures, and should be able to follow the patterns involved, mathematical reasoning.
- 9. Ability to analyze a problem, identify and define the computing requirements, which may be appropriate to its solution.
- 10. Introduction to various courses like group theory, ring theory, field theory, metric spaces, number theory.
- 11. Enhancing students' overall development and to equip them with mathematical modelling abilities, problem solving skills, creative talent and power of communication necessary for various kinds of employment.
- 12. Ability to pursue advanced studies and research in pure and applied mathematical science.

Programme Specific Outcome

- 6. Think in a critical manner.
- 7. Know when there is a need for information, to be able to identify, locate, evaluate, and effectively use that information for the issue or problem at hand.
- 8. Formulate and develop mathematical arguments in a logical manner.
- 9. Acquire good knowledge and understanding in advanced areas of mathematics and statistics, chosen by the student from the given courses.
- 10. Understand, formulate and use quantitative models arising in social science, Business and other contexts.

Detail of courses introduced in B.Sc. Program.

- 9. Differential and Integral Calculus
- 10. Matrices and Differential Equations & Geometry
- 11. Linear Algebra and Matrices
- 12. Differential Equations
- 13. Mechanics
- 14. Analysis
- 15. Linear Programming Problems
- 16. Numerical Analysis and Computer Methods

Detail of courses introduced in M.Sc. Program.

- 1. Algebra
- 2. Real analysis

- 3. Differential equations
- 4. Metric Spaces
- 5. Topology
- 6. Measure and Integration
- 7. Discrete Mathematics
- 8. Operation Research
- 9. Numerical Analysis
- 10. Complex Analysis
- 11. Lattice Theory
- 12. Mathematical Methods
- 13. Functional Analysis
- 14. Differential Geometry
- 15. Number Theory
- 16. Fluid Dynamics

Program outcomes:

- 4. To verify the value of the limit of a function at a point using the definition of the limit. Introduction to sequence and series. Learn to check function is continuous, to understand the consequences of the intermediate value theorem for continuous functions. To learn software. To solve the problems on algebra and calculus by using software. Knowledge of application of mathematics
- 5. Introduction to analytical geometry of 2 dimensional. Study of lines in 2 and 3 dimension. Finding equation in various form of line, circle, ellipse, sphere, cones etc. Give the knowledge of geometry using software. Student will be to understand differentiation and fundamental theorem in differentiation and various rules. Geometrical representation and problem solving on MVT and Rolls theorem. Finding extreme values of function. Introduction to Ordinary Differential Equation.
- 6. Introduction to vector space and subspace. Use computational techniques and algebraic skills essential for the study of systems of Linear equations, matrix algebra, vector spaces, eigenvalues and eigenvectors, Orthogonality and Diagonalization. (Computational and Algebraic Skills). Course Title: MT-222 Numerical Analysis Course Outcome. To apply appropriate numerical methods to solve the problem with most accuracy. Using appropriate numerical methods determine approximate solution of ODE and system of linear equation. Compare different methods in numerical analysis w.r.t accuracy and efficiency of solution.
- 7. To understand logical concepts and to show logical equivalences by using truth tables and rules in logics. Learn concept related to counting. Introduction to advanced counting.
- 8. To apply appropriate numerical methods to solve the problem with most accuracy. Using appropriate numerical methods determine approximate solution of ODE and system of linear equation. Compare different methods in numerical analysis w.r.t accuracy and efficiency of solution.

- 9. Able to understand the Euclidean distance function on R n and appreciate its properties, and state and use the Triangle and Reverse Triangle Inequalities for the Euclidean distance function on R n. Explain the definition of continuity for functions from R n to Rm and determine whether a given function from R n to R m is continuous. To explain the geometric meaning of each of the metric space. Distinguish between open and closed balls in a metric space Define convergence for sequences in a metric space and to determine whether a given sequence in a metric space converges.
- 10. Understand the importance of algebraic properties with regard to working within various number systems. Extend group structure to finite permutation groups (Caley Hamilton Theorem).
- 11. Student will be able to solve first order differential equations utilizing the standard techniques for separable, exact, linear, homogeneous, or Bernoulli cases. Student will be able to find the complete solution of a nonhomogeneous differential equation as a linear combination of the complementary function and a particular solution. Student will have aworking knowledge of basic application problems described by second order lineardifferential equations with constant coefficients.
- 12. Find quotients and remainders from integer division. To apply Euclid's algorithm and backwards substitution. Understand the definitions of congruence, residue classes and least residues add and subtract integers, modulo n, multiply integers and calculate powers, modulo n. To determine multiplicative inverses, modulo n and use to solve linear congruence. Theory of quadratic residue
- 13. Develop linear programming (LP) models for shortest path, maximum flow, minimal spanning tree, critical path, minimum cost flow, and transshipment problems. Understand the mathematical tools that are needed to solve optimization problems.•Formulate pure, mixed, and binary integer programming models.• Formulate the nonlinear programming models.• Use some solution methods for solving the nonlinear optimization problems.•
- 14. Understand the basic methods of complex integration and its application in contourintegration. Analyze sequences and series of analytic functions and types of convergence, \cdot Evaluate complex contour integrals directly and by the fundamental theorem, apply the Cauchy integral theorem in its various versions, and the Cauchy integral formula.

Department of Botany

B.Sc. with Botany, Chemistry, & Zoology

Course Outcomes

The department is carrying three-years B.Sc. programme with three major subjects Botany, Chemistry and Zoology. As a major subject Board of Studies (BOS), CCS University Meerut included, study of microbes, lower and higher plants, genetics, cytogenetics, plant breeding, plant physiology, plant biochemistry, ecology etc. The program imparts knowledge on various fields of plant biology through teaching, practical sessions and competitions. The program provides strong basis to students for understanding plant sciences with the applied approaches. The program lay foundation for knowing and applying the environment and environmental issues. Students after completing the course will be able to identify the plants in their habitats, their uses and how to grow and use them in daily life. The students will be able to understand and perform advanced biotechnological aspects related to plant biology.

Program Specific outcomes:

- 1. Scope and Importance of Botany: To understand the scope and importance of Botany in every filed especially in societal and environmental issues, agricultural, ethics and healthcare.
- 2. Environmental Concerns: To understand the role of plants in sustaining life on earth and the interrelationship between human beings and nature, create awareness on natural resources and their importance in sustainable development, analyse the importance of biodiversity conservation, estimate biodiversity loss and develop conservation strategies.
- 3. Scientific Temper: To develop scientific temper and undertake scientific projects.
- 4. Practical Applications: To identify and classify plants according to the principles of plant systematics, apply techniques like plant propagation methods, organic farming, mushroom cultivation, preparation of biofertilizers, biopesticides etc. in daily life.
- 5. Awareness About Life Processes: To understand plant life processes, biomolecules, basic hereditary and evolutionary principles.

After the completion of degree course, students are recruited directly by big MNCs. They can also get job opportunities in various public sectors as well as private sector undertakings.

Except above students gets carrier opportunities in higher studies, biological technician, ecologists, botanists, geneticist, molecular biologist, forest ranger, farming consultants etc.

Department of Botany

M.Sc. Botany

S.N.	Course	Name of Paper	Course outcome
	code		
1	H-1001	Angiosperm	Deals with naming and classification of plants their interrelationships
		Taxonomy, Plant	and evolution. Deals with recent developments in plant systematic
		Resources and	and phylogenetics Criteria used for classification; phases of plant
		Utilization	classification and brief history on account. Botanical Nomenclature:
			Concept of nomenclature, Binomial nomenclature and its
			advantages. Taxonomic literatures and Use of computers in
			angiosperms taxonomy. Taxonomic evidences: Morphology,
			anatomy, embryology, palynology, cytology, phytochemistry and
			numerical taxonomy Angiosperm Families: Nymphaeaceae,
			Hydatellaceae, Magnoliaceae, Papaveraceae, Malvaceae, Sapotaceae,
			Apiaceae, Asteraceae, Arecaceae and Poaceae.
2	H-1002	Biology and	Bacteria: General characters, ultrastructure, classification, Role of
		Diversity of	bacterium in crop improvement and bacterial disease of plants.
		Viruses and	Phytoplasma: General characters, economic uses, classification, role
		Bacteria	and disease of plants. Viruses: General account, ultrastructure and
			economic importance of viruses.
	TT 4000		
3	H-1003	Biology and	To understand the phycology with special reference to Indian work.
		Diversity of	Algae in diversified habitats (Terrestrial, fresh water, marine)
		Algae and	Criteria used in classification of algae, Role of algae in human
		Bryophytes	welfare General account of thallus organization, reproduction and
			life history of algae. Study of important groups of algae Cyanophyta,
			Chlorophyta, Xanthophyta, Bacillariophyta, Phaeophyta &
			Rhodophyta
	TT 1004	Biology and	Highlights advances made in diversity analysis, developmental
4	H-1004	Diviogy and	righting advances made in diversity analysis, developmental
		Diversity of	biology, reproductive biology and phylogenetics of the lower plants

		Pteridophytes,	with female organ being archegoniuous present in bryophytes,
		Gymnosperms	pteridophytes and some most gymnosperms. Adaptive mechanism of
		and	the lower plant. Economic importance of the bryophytes,
		Palaeobotany	pteridophytes and gymnosperms
5	H-2001	Fungal	Fungi: General Characters, Classification., Economic importance of
		Biodiversity and	fungi in medicine, Agriculture (Biopesticide an biofertilizers), food
		Elementary	(SCP Mushrooms) Fungi as plant pathogen General account of
		Plant Pathology	different groups and type study of fungi as pathogen.
			Mastigomycotina, Zygomycotina, Ascomycotina, Basidiomycotina
			& Deuteromycotina. Recognize the morphology, anatomy,
			physiology, reproduction and lifecycle pattern Their diversification
			and familiarize with various ecological niche. Positive and negative
			values.
6	H-2002	Cell and	After completing this course students will be able to understand the
		Molecular	molecular basis of heredity and variations, the molecular structure of
		Biology	genetic material and expression of genes. These concepts form the
			basis of genetic engineering and biotechnology.
7	H-2003	Genetics.	To understand the concepts and details of heredity and variation at
	11-2005	Cytogenetics and	molecular and cellular levels. Deals with more recent development
		Plant breading	which have taken place in the field of genetics besides providing
		I failt bi ceuing	intraduction to methods of plant broading of improvement of eron
			introduction to methods of plant breeding of improvement of crop
			plants with respect to Genetics of prokaryotic and eukaryotic
			organelles Chromatin organization Structural and Numerical
			alterations in chromosomes Mutation DNA Damage and repair
			mechanism Cytogenetics of aneuploids and structural heterozygotes:
8	H-2004	Anatomy and	Deals with regulation of growth and development of plant as affected
		Reproduction in	by various growth regulations, thus cross talk and extrinsic biotic and
		Angiosperms	abiotic factors. To know the various structural and anatomical
			components of plant tissue and reproductive parts viz Meristems:
			Organization of shoot and root anical meristern its structure and
			function Tissue systems: Differentiation and functions of aridemic
			runction, Tissue systems: Differentiation and functions of epidermis,

			parenchyma, chlorenchyma, sclerenchyma, laticifers and glands.
			Vascular tissues: Origin, structure and functions its taxonomic
			significance, development of wood in relation to environment. Leaf:
			Growth and differentiation, differentiation of epidermis (with special
			reference to stomata and trichomes) and mesophyll. Root: Initiation
			and development Structure and development of Flower, Male
			gametophyte, Female gametophyte, Seed development and fruit
			growth Mechanism of pollination
	TT 2001		
9	H-3001	Plant-Soil-Water	Deals with selected topics of high important plant Physiology and
		relations;	Biochemistry. Plant water relations Enzyme Photosynthesis
		Growth and	Respiration Nitrogen Metabolism Lipid Metabolism Plant Growth
		Development	Plant Development
10	H-3002	Phytochemistry	Identify the physiological responses of plants. Analyze the role of
		and Metabolism	external factors in controlling the physiology of plants. Explain the
			metabolic processes taking place in each cell. Appreciate the energy
			fixing and energy releasing processes taking place in cells.
11	H-3003	Plant Ecology	Strategies adopted by the organisms under clanging environment in
		and	relation to their biogeographic distribution. The students are made
		Phytogeography	conversant with the following topics- Structure of ecosystem:
			Functions of ecosystem: Community ecology: Biogeography:
			Environmental pollution in relation to air, water and soil. Use of
			fertilizer, pesticides and other chemicals in agriculture and hygiene
			and their disposal. Climate change: Greenhouse gases, their sources,
			trends and role, Ozone layer and its depletion (Global warming, Sea
			level rise, UV radiation) acid rain, Bioindicator and biomarkers of
			environmental health. Biodiversity: Concept, types and situation in
			India. IUCN categories. Strategies of conservation: In situ
			conservation & Ex situ conservation measures. Various act related
			to Bio Diversity conservation and protection and international
			conventions. Knowledge on ecology, and ecological dynamics CO2
			Ability to correlate ecological dynamics and regulation of vital
			processes on earth as biogeochemical cycles CO3 Ability to interpret
			Processes on early as progeochemical cycles COS Monity to interpret

			ecosystem services, ecological resilience, ecological economics, and
			landscape ecology CO4 Set up experiments to appreciate concepts of
			Ecology CO5 Critically examine the forces impacting ecosystems
			viz., climate change, stress, population, consumerism, globalization,
			land use change
10	11 2004	El	
12	H-3004	Elementary	Provides a detailed view of the visualizing concepts and technique
		Biotechnology	for genetic engineering and biotechnology. Deals mainly with
			science, methodology and applications of plant tissue culture
			methods in Cell and organ culture Practical approaches of single
			cell culture Applications of tissue culture Somatic embryogenesis,
			protoplast isolation, regeneration of protoplasts and protoplasts
			fusion, Synthetic seeds, generation of cybrid and hybrids.
			Cryopreservation technique. Recombinant DNA technology Gene
			cloning, Vectors, Role of Agrobacterium, Gene cloning technique
13	H-4001	Modern	Students will acquire understanding of:
		Phytotechniques	Different techniques which are used in laboratories during
		and Biostatistics	practical or research works, will also gain knowledge about
			different types of instruments which they can use in their further
			studies or research programmes as well as how to analyses data
			using statistical methods.
14	H-4002	Biodiversity	Systematically understand biodiversity and its vital role in
		conservation and	ecosystem function. Identify the importance of biodiversity in
		Plant Resources	notural any ironments Critically examine high varies and hymen
			links and help relies formulating for concerning
			linkages, and help policy formulating for conservation.
			Application of knowledge in general communication for public
			extension
15	H-4003	Recombinant	Students will acquire understanding of:
		DNA technology	Basic principles and modern age applications of recombinant
			DNA technology. Learning molecular and technical skills along
			with applications of the instrumentation. Designing/conducting
			experiments and analyzing experimental data. Ethics of
			Recombinant DNA Technology.

16	H-4004	Plant	Tissue	Plant tissue culture is an emerging technology in plant sciences.		
		Culture		After completing this course the students will be able to understand		
				and apply the concept of totipotency in improving the plant varieties		
				of economically important plants. The techniques of protoplast		
				isolation and fusion opens new avenues to develop interspecific		
				hybrids which are naturally impossible. The techniques like		
				agrobacterium mediated gene transfer is followed by regeneration of		
				genetically modified plants.		

Program Outcomes:

On completion of program students will be specifically able to

1. Identify classify the plants by using the key characters.

2. Prepare and view specimens for examination using light microscopy

3. Use pure culture and selective techniques to isolate fungi, plant pathogens, algae and identify them growing on media.

4. Qualitative and quantitative estimate the number of floral components by using enumeration and suitable sampling and techniques.

5. Use appropriate plant molecular techniques and use of instrumentation related to it.

6. Practice safe laboratory procedures, using appropriate protective, biosafety and emergency procedures.

7. Documentation and report writing on experimental protocols, results and conclusions, study tours and filed visits etc.

After the completion of this course students have the options to go for the further higher studies, Ph.D., D. Sc. and then can go for research related work for the welfare of mankind. After higher studies, students can join as scientists or assistant teachers or assistant professors, Indian civil services, Indian forest service, Indian police service etc. Science graduates can go to serve in industries or may opt for establishing their own industrial unit.

Course Outcome and Program Outcomes

Students having Degree in B.Sc. (with Physics) should have knowledge of different concepts and fundamentals of Physics and ability to apply this knowledge in various fields of academics and industry. They may pursue their future career in the field of academics, research and industry.

Students would be exposed to competence in the methods and techniques of calculations using Newtonian Mechanics and Thermodynamics. Students are expected to have hands on experience in modelling, implementation and calculation of physical quantities of relevance. Students are expected to have an insight in handling electrical and electronic instruments. Student should be able to handle basic electronic instruments, which are being used in electronics, telecommunication and instrumentation industry. B.Sc. Physics Programme covers academic activities within the classroom sessions along with practical concepts at laboratory sessions. Infield, outstation activities and projects are also required to be organized for real-life experience and learning.

Candidates who have curiosity in plants kingdom, ecosystem, love exploring exotic places and wish to work as researchers or professions like scientist, geologist, physicist, etc. can choose B.Sc. physics course.

Programme outcomes (POs):

Transformed curriculum shall develop educated outcome-oriented candidature, fostered with discovery- learning, equipped with practice & skills to deal practical problems and versed with recent pedagogical trends in education including e-learning, flipped class and hybrid learning to develop into responsible citizen for nation-building and transforming the country towards the future with their knowledge gained in the field of physics.

PO 1	CBCS syllabus with a combination of general and specialized education shall introduce the concepts of breadth and depth in learning
PO2	Shall produce competent physicist who can employ and implement their gained knowledge in basic and applied aspects that will profoundly influence the prevailing paradigm
	of engineering, industry, healthcare and environment to provide sustainable development
PO 3	Will increase the ability of critical thinking, development of scientific attitude, handling of problems and generating solutions, improve practical skills, enhance communication skill, social
PO 4	of physics by recognizing the ethical value system. The training provided to the students will make them competent enough for doing jobs in Govt. and private sectors of academia, research and industry along with graduate preparation for national as well

	as international competitive examinations,
	especially UGC-CSIR NET,
	UPSC Civil Services Examination, DRDO, BARC
	IFS, NSC, FCI, BSI, FRI etc.
PO 5	Certificate and diploma courses are framed to
	generate self- entrepreneurship and self-
	employability, if multi exit option is opted.
PO 6	Lifelong learning be achieved by drawing attention
	to the vast world of knowledge of physics
	and their domestication.

Programme specific outcomes (PSOs):

B.Sc. I Year / CERTIFICATE IN BASIC PHYSICS & SEMICONDUCTOR DEVICES

After completing this certificate course, the student should have. Competence in the methods and techniques of calculations using Newtonian Mechanics and Thermodynamics. Students are expected to have hands on experience in modeling, implementation and calculation of physical quantities of relevance. Students are expected to have an insight in handling electrical and electronic instruments. Student should be able to handle basic electronic instruments, which are being used in electronics, telecommunication and instrumentation industry.

Programme specific outcomes (PSOs):

B.Sc. II Year/DIPLOMA IN APPLIED PHYSICS WITH ELECTRONICS

After completing this diploma course, the student should have Knowledge of different concepts in electromagnetic theory, Modern Optics and Relativistic Mechanics. Knowledge of electromagnetic wave propagation, which serves as a basis for all communication systems and deals with the physics and technology of semiconductor optoelectronic devices. A deeper insight in electronics to address the important components in consumer Optoelectronics, IT and communication devices, and in industrial instrumentation. Knowledge of basic concepts of optical instruments and lasers with their applications in technology.

Programme specific outcomes (PSOs): B.Sc. III Year DEGREE IN BACHELOR OF SCIENCE

After completing this degree course, the student should have Knowledge of different aspects of classical, quantum and statistical computational tools required in the calculation of physical quantities of relevance in interacting many body problems in physics. Develop the basic knowledge and proficiency of solid-state physics and nuclear physics, which have utmost importance at both undergraduate and graduate level. Proficiency in this area will attract demand in research and industrial establishments engaged in activities involving applications of these fields. Comprehensive knowledge of Analog & Digital Principles and Applications. Learn the integrated approach to analog electronic circuitry and digital electronics for R&D.

Recognize the difference between scalars, vectors, pseudo-scalars and pseudo-vectors. Understand the physical interpretation of gradient, divergence and curl. Comprehend the difference and connection between Cartesian, spherical and cylindrical coordinate systems. Know the meaning of 4-vectors, Kronecker delta and Epsilon (Levi Civita) tensors.

• Study the origin of pseudo forces in rotating frame.

• Study the response of the classical systems to external forces and their elastic deformation.

• Understand the dynamics of planetary motion and the working of Global Positioning System (GPS).

• Comprehend the different features of Simple Harmonic Motion (SHM) and wave propagation Experimental physics has the most striking impact on the industry wherever the instruments are used

to study and determine the mechanical properties.

• Measurement precision and perfection is achieved through Lab Experiments.

• Online Virtual Lab Experiments give an insight in simulation techniques and provide a basis for modeling.

Recognize the difference between reversible and irreversible processes.

• Understand the physical significance of thermodynamically potentials.

• Comprehend the kinetic model of gases w.r.t. various gas laws.

• Study the implementations and limitations of fundamental radiation laws.

• Utility of AC bridges.

• Recognize the basic components of electronic devices.

• Design simple electronic circuits.

• Understand the applications of various

PSO 2

PSO 1

electronic instruments Experimental physics has the most striking impact on the industry wherever the instruments are used to study and

Determine the thermal and electronic properties. Measurement precision and perfection is achieved through Lab

Experiments. Online Virtual Lab Experiments give an insight in simulation techniques and provide a basis for

modeling ..

Better understanding of electrical and magnetic phenomenon in daily life.

• To troubleshoot simple problems related to electrical devices.

• Comprehend the powerful applications of ballistic galvanometer.

• Study the fundamental physics behind reflection and refraction of light (electromagnetic waves).

• Study the working and applications of Michelson and Fabry-Perot interferometers.

• Recognize the difference between Fresnel's and Fraunhofer's class of diffraction.

• Comprehend the use of polarimeters.

• Study the characteristics and uses of lasers. Experimental physics has the most striking impact on the industry wherever the instruments are used to study and determine the electric and magnetic properties. Measurement precision and perfection is achieved through Lab Experiments. Online Virtual Lab Experiments give an insight in simulation techniques and provide a basis for modeling.

Recognize the difference between the structure of space & time in Newtonian & Relativistic mechanics.

• Understand the physical significance of consequences of Lorentz transformation equations.

• Comprehend the wave-particle duality.

PSO 3

PSO 4

• Develop an understanding of the foundational aspects of Quantum Mechanics.

• Study the comparison between various biasing techniques.

- Study the classification of amplifiers.
- Comprehend the use of feedback and oscillators.

• Comprehend the theory and working of optical fibers along with its applications.



चौधरी चरण सिंह विश्वविद्यालय, मेरठ CH. CHARAN SINGH UNIVERSITY, MEERUT

> पत्रांक : शैक्षणिक / 2.3.18 दिनांक : 2.7. 10 · 2.021

कार्यालय आदेश

विद्वत परिषद की बैठक दिनांक 20.09.2021 में मद संख्या 05 के सापेक्ष पारित संकल्पानुसार राष्ट्रीय शिक्षा नीति–2020 के अन्तर्गत निम्न तालिकानुसार कौशल विकास कोर्सो (Vocational/Skill Development Courses) को सम्बन्धित पाठ्यक्रमों के संकायाध्यक्षों के अनुमोदनोंपरान्त नियमानुसार विश्वविद्यालय से सम्बद्ध समस्त महाविद्यालयों/संस्थानों एवं विश्वविद्यालय परिसर हेतु अनुमोदन प्रदान किया जाता है।

Name of Vocational/Skill Development Courses
Communication Skill and Personality Development
Heritage Guide
News Writing and Reporting
Sports Engineering
Certificate Course in Organic Farming
Skill Development Course in Retail Management
Folk Art

प्रतिलिपि निम्नलिखित को सूचनार्थ एवं आवश्यक कार्यवाही हेतु प्रेषित :--

- 1. सचिव कुलपति, मा0 कुलपति जी के सूचनार्थ प्रेषित।
- 2. आशुलिपिक प्रतिकुलपति, प्रतिकुलपति जी के संज्ञानार्थ प्रेषित।
- 3. आशुलिपिक कुलसचिव, कुलसचिव जी के अवलोकनार्थ प्रेषित।
- 4. सहा0 कुलसचिव, परीक्षा विभाग को सूचनार्थ एवं आवश्यक कार्यवाही हेतु प्रेषित।
- 5. समस्त विभागाध्यक्ष, चौ० चरण सिंह विश्वविद्यालय, मेरठ को सूचनार्थ प्रेषित।
- 6. प्रवेश समन्वयक, चौ० चरण सिंह विश्वविद्यालय, मेरठ को सूचनार्थ एवं आवश्यक कार्यवाही हेत् प्रेषित।
- 7. समन्वयक, राष्ट्रीय शिक्षा नीति–2020 को सूचनार्थ प्रेषित
- 8/ प्राचार्या, शहीद मंगल पाण्डे राजकीय महाविद्यालय, माधवपुरम, मेरठ।
- 9. प्रभारी, कमैटी सैल को सूचनार्थ प्रेषित।
- 10. प्रभारी, सीक्रेसी को सूचनार्थ प्रेषित।

Toton M

कुलसचिव



शहीद मंगल पाण्डे राजकीय महिला स्नातकोत्तर महाविद्यालय

माधवपुरम्, मेरठ — 250002 (उ०प्र०)

SHAHEED MANGAL PANDEY GOVT. GIRLS POST GRADUATE COLLEGE MADHAVPURAM, MEERUT-250002 (U.P)

('B+' Grade Accredited by NAAC)

475/2021-22 पत्रांकः

विनांक 04-09-2)

भवदीया

(Nav. भू (डा॰ जता केगा) प्राचार्य गामैद मंगल पाण्डे राजकीय महिला स्नावव

सेवा में.

प्रति कुंलपति चौधरी चरण सिंह विश्वविद्यालय, मेरठ।

विषयः– राष्ट्रीय शिक्षा नीति–2020 के अन्तर्गत कौशल विकास कोर्स (Vocational/Skill development Courses) का पाठ्यकम अनुमोदित कराने के सम्बंध में।

महोदया,

उपर्युक्त विषयक के सम्बंध में इस महाविद्यालय के प्राध्यापकों द्वारा पाठ्यकम तैयार किये गये है। जिनका विवरण निम्न तालिका के अनुसार है:--

S.No	Name of (Vocational/Skill development Courses	Details of Teachers
01	Communication skills and Personality Development	Dr. Monijka Chaudhary
02	Heritage Guide	Dr. Anita Goswami
03	NewsWriting and Reporting	Dr. Lata Kumar
04	Sports Engineering	Dr. Poonam Bhandari
05	Certificate Course in Organic Farming	Dr. Satva Pal Singh Rana
06	Skill Development Course in Retail Management	Dr. Rakesh Kumar
07	Folk Art	Dr . Ravinder Kumar

महोदया महाविद्यालय के प्राध्यापकों द्वारा तैयार किये गये उपरोक्त कौशल विकास कोर्सों के पाट्यक्रमों को विश्वविद्यालय की बोर्ड ऑफ स्टडीज, विद्धत परिषद् इत्यादि में अनुमोदित करवाने का कष्ट करें। जिससे कि राष्ट्रीय शिक्षा नीति–2020 के अन्तर्गत महाविद्यालय कौशल विकास कोर्स का चयन कर सकें। उक्त पाट्यक्रमों की परीक्षा विश्वविद्यालय द्वारा नियमानुसार आयोजित होगी।

सलंग्नक-उपरोक्त कोर्स पाठ्यकम के साथ संलग्न।

Phone & Fax: +91-121-252-0782 web: www.smpggpgc.com; email: smpggpgc@gmail.com

Shaheed Mangal Pandey Govt. Girl P.G. College, Meerut Format for syllabus development of Skill development course

1

Title of	course- Communication Skills and Pe	rsonality Dev	elopment			
Nodal Department of HEI to run course				SMP Government Girls PG College , Meerut		
Broad Area/Sector-				English		
Sub Sector-			Communicat	Communication skill & Personality development		
Nature of	f course - Independent / Progressive		Independent			
Name of	suggestive Sector Skill Council					
Aliened 1	NSQF level					
Expected	fees of the course -Free/Paid		1000/-			
Stipend t	o student expected from industry		-			
Number	of Seats		20			
Course C	lode		Credits- 03 (Credits- 03 (1 Theory, 2 Practical)		
Max Mar	rks100 Minimum Marks40		100/40		1000	
Name of	proposed skill Partner (Please specify, Name of inc	ázstry, company	Amatya, Car	eer Launcher NIII.	vice	
etc for Pr	ractical /training/ internship/OJT			MIL LICION	indents to face job	
Job pros	pects-Expected Fields of Occupation where studen	a will be able to	i has course v	will be neiptul for	students to face job	
get job al	iter completing this course in (Please specify name)	type of industry,	STRETVIEWS IN	enective way		
Sullab	«		1			
Synabus	N	Concerti	Theory	No of theory	No of skill	
		Skill	Practical/	hours	Hours	
Unit	Topics	component	0.11/	(Total-15	(Total-60	
			laternship/	Hours-1 credit)	Hours=2 credits)	
			Training	and the second		
I	Introduction	General	Theory	2	0	
	 Definition of communication 					
	 Process of communication 					
	 Importance of communication 					
	 Essentials of good communication 					
II	Different forms of communication	General	Theory	2	5	
11	Verbal communication	& Skill	å			
	Non-verbal communication		Practical	-		
	 Intrapersonal communication 					
al statistic	Intrapersonal communication					
Section Section	Interpersonal communication					
	 Mass communication 					
	 Media communication 					
Ш	Developing English language skills	Skill	Theory	3	8	
	 Listening skill 		å			
	 Speaking skill 		Practical			
	• Speaking skin					
1 Stan	Reading skill	all and a second				
	 Writing skill 	li specielo de la constante				
IV	Personality Development	General	Theory	4	10	
Service Service	The concept of personality	& Skill	& Online	A STORE		
	The concept of personality	-	Training	1000000		
1.722+ 1.	 Dimensions of personality 	-		eulanese en el		
	 Determinants of personality 	Sector Se				
V	Attitude and Motivation	Skill	Theory	2	9	
	Concept of Attitude	20 Marcal	and			
	Positive Attitude		Practical			

	 Negative Attitude Ways to develop a positive attitude Concept of Motivation Importance of self- motivation 				
VI	Essential soft skills Group discussion Presentation skills Problem-solving Decision- making Team work Innovation Creative thinking Time- management	Skill	Theory and Internshi P	2	28
Suggeste Macmill (2) Lata Interview (3) Hane (4) Cloni (5) Rizvi Suggeste https://th 3K7i8gIV	ed Readings: (1) Mohan, Krishna and Meera an India Ltd, 1990. , Pushp and Sanjay Kumar, Communicate vs, New Delhi: PHI Learning, 2010. y, W. V. Communication and Interpersonal Ro inger S. C., Theories of Personality: Understar , M. Ashraf, Effective Technical Communica d Digital platforms/ efluentlife.com/online/gsearch/?source=Fluen <u>V_5pmAh0HHQXhEAAYASAAEgKNoPD 1</u>	to Conquer elation. New nding Person tion, New D web t%20Life%2 BwE	veloping Co : A Handl York: Richa , Pearson, Ne elhi: Tata M links 00nline%20	mmunication Sk book of Group ard Irwin, 1979. ew York, 2008. <u>IcGraw- Hill, 2005</u> oGS&gclid=EAI	ills, New Delhi: Discussions and 05. reading- aIQobChMIupfc
Suggester Suggester and pract Course Pr • No • To • If	d Continuous Evaluation Methods: Question ical. re-requisites: pre-requisite required, Passed XII study this course, a student must have the sub progressive, to study this course a student must	pject English	designed for	theory assessm	ent, Presentation
Suggested Any remark Notes:	l equivalent online courses: (s/ suggestions:	ar nood			103.

- Number of units in Theory/Practical may vary as per need
- Total credits/semester-3 (it can be more credits, but students will get only 3credit/ semester or 6credits/ year
- Credits for Theory =01 (Teaching Hours = 15)
- Credits for Internship/OJT/Training/Practical = 02 (Training Hours = 60)

Course developed by

Dr Monika Chaudhary HOD/Associate Professor Department of English S M P Govt. Girls P. G College, Meerut Format for syllabus development of Skill development course

	SE HEDITA OF ONE	n developm	ent cou	irse			
	Partment of UEL						
	Area/Sector-			SMP G	overnment Girls P	G College , Meeru	ıt
6	Sector-			IIISTO	RY		
Natu	re of course - Independent / Draw			TOUR	SM		
Nam	e of suggestive Sector Skill Come "			INDEP	ENDENT		
Alie	ned NSOF level			TRAVE	L AND TOURISM		
Expe	ected fees of the course - lines (Drit			4			
Stipe	end to student expected from indust			1000			
Nun	ber of Seats			1000(E)	XPECTED)		
Cou	rse Code			30	0.0.00		
Max	Marks100 Minimum Marka			Credits-	03 (1 Theory, 2 Pra	ictical)	
Nan	he of proposed skill Partner (Plassa specify Name	of industry		100/40			
ete f	or Practical /training/ internship/OJT	of maustry, e	ompany	AND K	INGS MAKEMY	MAHINDRA ,COC TRIP	CKS
Job	prospects-Expected Fields of Occupation where st	udent will be	able to	THE S	KILL COURSE I	N HERITAGE GI	HDE
get j	job after completing this course in (Please specify n	name/type of i	ndustry,	WILL	PROVIDE OPPO	ORTUNITY TO	THE
com	pany etc.)			CANDI	DATES TO SERV	E THE NATION .	AND
				ITS CIT	TIZENS IN A MU	CH BETTR WAY	. IN
L				AND T	RAVEL AGENCY	AND CAN PROV	VIDE
<u> </u>				SREVIC	CES ONLINE ALSO),	
Syll	abus						
Uni	I Topics	General/ Skill	Theory/	Practical/	No of theory hours	No of skill Hours	1
	Topics	component	OJT/ Int Training	ernship/	(Total-15 Hours=1 credit)	(Total-60 Hours=2 credits)	
I	Unit I: Introduction Tourism products	General	Theory	v	2	0	
	meaning, characteristics, classificatio	h		, ,			
	Heritage: meaning, types, heritage sites of	f					
	significance: forts palages museums of	t					
	galleries	L .					
п	Performing art of India: classical dances	General	Theory	· .	2	5	
	folk dances and folk culture Handicrafts	&Skill	Practic	al a	2	5	
	and textiles of eastern India Fairs and				3		
	Festivals of India		4				
ш	Unit II: Architecture & religion	Skill 🏾 🎽	Theory	<i>к</i>	3	8	
	Architectural Heritage of India		Practic	cal _,			
	Popular religious centers of India:						
	Hindu, Buddhist, Jain, Muslim and				2		
	Christian						
137		a					
IV	stations Protected areast Wildlife	General &	Theory	, X	4	10	
1	sanctuaries, national narks	SKIII	Trainir	na			
v	Definitions and historical development of	Skill	Theor	ng ond	2	0	
	tourism Types of tourist-Visitor-	SKIII	Practic	anu al	2	9	
*	Excursionist Types and Forms of Tourism						
	Tourism system: Nature, characteristic		13				
	Tourism: Components and Characteristics						
VI	Positive and Negative Impacts of Tourism;	Skill	Theory	and	2	28	
-	Economic, Socio-Cultural, and		Interns	hip			
	Environmental Impact	1			1	1	

Suggested Readings: Suggested Readings:

1. Travel Industry: Chunk Y. Gee

2. Transport for Tourism: Stephen Page

3. Tourism System: Mill, R.C. and Morrison

4. Successful Tourism Management: P.N. Seth

5. Ministry of Tourism/Railways/Civil Aviation: Annual Report

6. Ministry of heritage and culture1. Ecotourism: Impacts Potentials, and Possibilities-Stephen Wearing and John Neil.

7. Sustainable Tourism - Wahab Salah and John Pigram.

8. Eco-tourism - Fennel.

9. Sustainable tourism -A marketing perspective- Victor C. Middleton & H. Rebecca.

10. Trends in tourism promotion: emerging issues - S. C Bagri.

11. Tourism in the Himalaya in the context of Darjeeling and Sikkim - B. Bhattacharya.

12. The Wonder that was India: A.L. Basham

13. A Cultural History of India: A.L. Basham

14. India - Lonely Planet:

15. India - Plan your own holiday: S. Jagannathan

A.K. Kaul na: S. Punja ccient India: S. Huntington nitecture: Percy Brown

ested Digital platforms/ web links for reading-http://www.tax.org/notes/default.htm www.ugc.ac.in, www.ignou.ac.in, www.elubmahindra.in, www.incredibleindia.in.

Suggested OJT/ Internship/ Training/ Skill partner : elubmahindra . Thomas cook office , ihm, ichr.

Suggested Continuous Evaluation Methods: TEST QUIZ, PRESENTATION, PRACTICAL

Course Pre-requisites:

· No pre-requisite required. Passed XII with any stream

• To study this course, a student at least have the subject NA class/12th/ certificate/diploma

. If progressive, to study this course a student must have passed previous courses of this series.

Suggested equivalent online courses:

Any remarks/ suggestions:

Notes:

· Number of units in Theory/Practical may vary as per need

• Total credits/semester-3 (it can be more credits, but students will get only 3credit/ semester or 6credits/ year

• Credits for Theory =01 (Teaching Hours = 15)

• Credits for Internship/OJT/Training/Practical = 02 (Training Hours = 60)

NODAL OFFICER – DR ANITA GOSWAMI, HOD, HISTORY SMP GOVERNMENT PG COLLEGE MEERUT

NODAL DEPARTMENT:-HISTORY DEPARTMENT DR ANITA GOSWAMI DR RAJKUMAR SINGH

ite Gur

Format for syllabus development of Skill development course

Title of course- News Writing & Reporting					
Nodal Department of HEI to run course	Shaheed Mangal Pandey Govt. Girls PG College, Meerut				
Broad Area/Sector-	Media and Entertainment				
Sub Sector-	Hindi				
Nature of course - Independent / Progressive	Progressive				
Name of suggestive Sector Skill Council	Media and News paper				
Aliened NSQF level	04				
Expected fees of the course -Free/Paid	500/-				
Stipend to student expected from industry	As per term of industry or company				
Number of Seats	As per university norms/NEP 2020				
Course Code	Credits- 03 (1 Theory, 2 Practical)				
Max Marks100 Minimum Marks	40				
Name of proposed skill Partner (Please specify, Name of industry, company etc for Practical /training/ internship/OJT	Dainik Bhaskar digital and Dainik Jagran				
Job prospects-Expected Fields of Occupation where student will be able to get job after completing this course in (Please specify name/type of industry, company etc.)	After successful completion of this course, there are many jobs opportunities in print and digital media sector.				
Syllabus					

Unit	Topics	General/ Skill component	Theory/ Practical/ OJT/ Internship/ Training	No of theory hours (Total-15 Hours=1 credit)	No of skill Hours (Total-60 Hours=2 credits)
1	Introduction • Essential of good writing • ABCD/Basic of News Writing (Accuracy, Brevity, Clarity, Discernment) • News definition concept, meaning and elements • News values	General	Theory	2	0
I	 Techniques of News Writing News elements Types of News News Sources Attribution in news writing Steps & elements of writing for Print : editorial, features & review Techniques of re-writing 	General &Skill	Theory & Practical	3	5
ш	 Principles of Reporting The significance of reporting News reporting and its types Different types of leads & Headlines Pitfalls and problems in reporting Qualities of a good reporter 	Skill	Theory & Practical	2	5
IV	 Writing for news paper Editing features into a news story. Headlines writing exercises based on newspaper published stories. Writing caption/changing caption of the selected cartoons and photos. 	General & Skill	Theory & Online Training	4	10
	han				
-----------	---	---------------	-----------------------	--	-------------------
/	Write two editorials.	9			
1	• Finding out fast-lastician /hearson in at	G		1.1	
/	loost G				
/	least five stories published in				
	newspapers.				
	Writing Formats - Nours Features -				
	Interview Dittats - News- Features -				
	Interview- Editorial – Column –				
	Travelogue and other				
ľ	 News follow-ups 				
	riens renow-ups				
	Reporting for Non	01.111	(T)		
	Reporting for Newspaper	SKIII	Theory and	2	10
	• Reading of newspapers in the class		Practical		
	particularly the front page and the local				
	news pages.				
	Prepare questions for a specific				
	· repare questions for a specific				
	interview.			c.	
÷	 Rewriting news stories from newspapers 				
	converting them for magazine				
	• Filing report on the basis of mock press	1.041			
	conferences				
	conferences.	ł			
	 Filing report after attending one press 				
	conference after going to the field.		8		
VI	Types of Reporting	Skill	Theory and	2	20
	• The meaning and significance of (Best	SKII	Internship	2	50
	Penetine'		internship		
	Reporting				
	• Write short notes on: Crime, courts,				
	health, civil administration, civic,				2
	culture, politics and education beats in				
	Reporting.	1		1	
Suggest	ted Readings:				
Samach	ar Lekhan avam reporting – Dr Ashok Kum	ar			
Patrkar	ita : Ek Parichay - Sandin Kumar Shrivastay	V			
Samcha	ar Lekhan – P.K. Arva	•			
Samach	ar Patra ayam Patrakarita -sachchidaanand	Shukla			
Advanc	e Reporting Aur Editing - Dr. Anini Kuma	r Iba			
Patkath	a Lekhan _ Avneendra Iba	JIId			
I alkall	a Lekilali – Avličeliula Jila				
Cuana	tod Disital alathamad and links for media	1			
Suggest	ted Digital platforms/ web links for reading	- http://www	.ignouhelp.in/i	gnou-majme-stue	ly-material/
Suggest	ted OJT/ Internship/ Training/ Skill partner – I	Dainik Bhasl	car digital and I	Dainik jagran	
Sugges	ted Continuous Evaluation Methods: Ques	stion Papers	are designed	for theory asse	essment and Sk
partner	will design the for the skill evaluation of the	e students.		-	
Course	Pre-requisites:				
	No pre-requisite required Decod VII with	av otroom			
	To study this any	ily stream	th		
See Sugar	to study this course, a student must have pas	sed class 12			
•	It progressive, to study this course a student	must have p	assed previous	courses of this	series.
Sugges	ted equivalent online courses:				
Any ren	narks/ suggestions:				*
Notes:			in and general second	and the second	
roles.	Number C 11 1 min to	51.			
•	Number of units in Theory/Practical may vary	as per need			
17 . ·	Total credits/semester-3 (it can be more credits	s, but studen	ts will get only	3credit/semester	or 6credits/ year
•	Credits for Theory =01 (Teaching Hours = 15)		0		
	Credits for Internshin/OIT/Training/Practical	= 02 (Trainir	100 Hours = 60		
Web Links		02 (Trainin	ig riouis – 00)		
日本語の日				D 1 1	
			Cou	irse Develop by	
					-AV
			Dr.	Lata Kumar	

/

Dr. Lata Kumar Dr. Swarnlata Kadam

PROPOSED SYLLABUS FOR SKILL DEVELOPMENT COURSE

Title of the course	SPORTS ENGINEERING
Nodal Department of HEI to run the course	SMPGGPGC, MEERUT
Broad area/ sector	Sports
Sub-Sector	Sports Engineering
Nature of Course(Independent/Progressive)	Independent
Name of suggestive sector skill	Manufacturing and maintenance of sports equipment and facilities
Aliened NSQF Level	4
Expected fees of the course(Free/Paid)	1000
Stipend to students expected from Industry	1000
Number of seats	30
Course code	Credits 03(01 Theory, 02 Practical)
Max. Marks100Min. Marks	100/40
Name of Proposed Skill Partner(Please specify	VAIBHAV SPORTS, MANUFACTURERS AND
name of the industry, company etc. for practical	SUPPLIERS, SURAJ KUND ROAD, MEERUT
/training/internship/OJT	
Job prospects- expected fields of occupation	Students after completing this course may get jobs
where students will be able to get job after	in sports equipment manufacturing units, sports
completing this course(Please specify name, type	stadiums , gymnasiums, grounds and at sports
of industry, company etc.)	wholesaler and retail outlets.

SYLLABUS

	- 7				
UNIT	TOPICS	GENERAL/SKILL COMPONENT	T/ P/ I/ TRNG./ OJT	NO. OF THEORY HOURS(TOTAL 15 HRS= 01 CREDIT)	NO. OF SKILL HOURS(TOTAL 60 HOURS=02 CREDITS)
1	Introduction to sports engineering:Meaning, definition, Human Motion, Human Performance, Assessment, Equipment and Facility designing. Sports Dynamics : Newton's laws of motion, work , energy, impulse and momentum.	General	THEORY	02	-
2	Mechanics of Engineering Materials: Concept of internal force, Axial force, shear force, displacement. Biomechanics of daily activities: Gait, Posture, Body Levers, lifting, walking, running, throwing, jumping, pulling, pushing etc. ergonomics	General & Skill	Theory & Practical	04	04
3	Sports Dynamics: Kinematics of motion: Rectilinear and curvilinear motion system, Mechanical principles of sports dynamics. Dynamic Correspondence : Factors, Importance and Training	General	Theory	,03	-
4	Facility Life Cycle Costing: Basics of costing, Total life cost concepy, maintenance cost, energy cost, capital cost and taxation.Maintenance policy, preventive maintenance, corrective maintenance, record and register for maintenance.	General & Skill	Theory & Internsh Ip	02	10
5 † indera	Building and maintenance: Sports infrastructure, gymnasium, pavilion, :swimming pool, indoor and outdoor stadium, play park, sports hostel etc. Requirements: Air ventilation, Daylight, lighting arrangements, galleries, storerooms, wastewater disposal system, changing rooms(f/m), sound system, corridoors and gates, emergency provisions, fire and	General &Skill	Theory & Internsh Ip	02	20

PROPOSED SYLLABUS FOR SKILL DEVELOPMENT COURSE

	exits, finamcial considerations etc.		1 1		
6	Sports Engineering module: Basics of Production technology, mechanical methods of testing, fluid mechanics, instrumentation, winter sports and summer sports equipment. PROJECT REPORT	Skill	Theory, Practical & Internsh ip	02	26
Sugge	ested Readings:				
1.	. Steve Hake, editor, The engineering	of sports, CRC P	ress,1996		
2	. Franz K.F.et. al., Editor, Routledge h	andbook of spo	ts technology	and engineer	ring, 2013
3	. Colin white, Projectile dynamics in s	ports: Principles	and Applicat	ions, 2019	
Sugge https	ested Digital Platforms/ web links: <u>http</u> ://www.sportstechnology.com	os://www.sports	engineering.o	 Ig	
<u>https</u>	://mme.wsu.edu				
Sugge	ested continuous evaluation method: 1	Test, Project, Pra	ctical		
Cours	se pre-requisite: Class XII with any stre	am.			
Sugge techr	ested equivalent online course: Variou hology, Pune.	s foreign and Inc	lian Universiti	es(Institute o	f sports science &
Note	s:No. Of units, theory, Practical may va	ry as per need.			

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Department of Physical Education

L

Dr. Poonam Bhandari

Dr. Bharti Sharma

Dr. Jitendra Kumar Baliyan

Shaheed Mangal Pandey Govt. Girls P.G. College, Meerut Format for syllabus development of Skill development course

Title of o	ourse- Certificate Course in Organic Farn	ning	and the second				
Nodal Dep	partment of HEI to run course		SMP Car	armment Cide DC	College Marrie		
Broad Area/Sector-				SMP Government Girls PG Couege, Meerut			
Sub Sector			Rotany/7	Botany Zoology			
Nature of	course - Independent / Progressive		INDEPEN	INDEPENDENT			
Name of s	uggestive Sector Skill Council		ASCI	ASCI			
Aliened N	SQF level						
Expected	fees of the course - Free						
Stipend to	student expected from industry						
Number o	f Seats		20				
Course Co	de	·····	Credits- 03	(1 Theory, 2 Practi	cal)		
Max Mark	s100 Minimum Marks40		100/40				
Name of p	proposed skill Partner (Please specify, Name of ind	dustry, compa	any SVBPA U	University Meerut	And As Per The		
etc for Pra	ictical /training/ internship/OJT		availability	of Course requirem	ent		
Job prosp	ects-Expected Fields of Occupation where studer	nt will be able	to After su	ccessful Completio	on of this skill		
get job an	er completing this course in (Please specify name/	type of indust	ry, developme	nt course. The	students will get		
company	elc.)		opportunit	to make the ca	reer in developing		
			kitchen ga	rdens, organic fertil	izers, vermicompost		
			and other	private nelos lik	te development of		
Syllabus			joiganie ioc	dele.			
	1	General	Theory	No of them	No of shill		
Unit	Topics	Skill	Practical OJT	hours	Hours		
Om	Topics	component	Internship/	(Total-15	(Total-60		
			Training	Hours=1 credit)	Hours=2 credits)		
1	Unit I:	General	Theory	2	0		
	ORGANIC FARMING						
	Introduction						
	Concept and Principles of Organic						
	Farming	9					
	Benefits of Organic Farming						
	Social aspects of Organic Farming						
	Market aspects of Organic Farming						
	1						
Π	Lipit II:	Conorol	Theory 8	12	10		
**	ODCANIC EEDTH IZEDS	e.el.al	Theory &	2	10		
	ORGANIC FERTILIZERS	askin	Practical				
	Introduction						
	Need of Organic Fertilizer						
	Benefits of Organic Fertilizer						
	Preparation of Organic Fertilizer						
	Demonstration & land preparation						
12.0							
III	Unit III:	Skill	Theory	4	<u> </u>		
	USE OF MICROORGANISMS IN		rncory	1			
98531 J	OPCANIC FADMINC						
No. Sec. 14	Introduction						
	Need of Minney in the transmission						
	Need of Microorganisms in soil fertility						
A good Starting	Benefits of Microorganisms in organic						
Station States	tarming						
IV	Unit IV:	General	Theory &	2	10		

	ATER AND SOIL TESTINC	0.0		~	
	Sifferent Methods of Water and G	& Skill	Online		
1	Testing		Training		
/	Unit V	01.00			
/	Methods of increasing soil Fertility	Skill	Theory and	3	10
	Use of cow dung		Practical		
I	Green Manure				
	Crop rotation				
	Use of vermicompost and preparation of				
-	vermicompost				
	Biocontrol and Management				
	Phytopathgens		X		
VI	FIELD DEMONSTRATION				<i>i</i>
	Feedback & discussion	Skill	Theory and	2	30
	valedictory function		Internship		
Suggest	ed Readings: Suggested Readings:				

1. Principles of Organic Farming by P.L. Maliwal publication of Scientific Publishers

- 2. Organic Fertilizers From Basic Concepts to Applied Outcomes Edited by Marcelo L. Larramendy
- 3. Basics of Organic Farming By Bansal M. by CBS Publisher and Distributors Pvt. Ltd. 4. Textbook of Soil Science-T. Biswas & S Mukherjee
- 5. Practical Botany (Part 2) ISBN #:81-301-0008-8 Sunil D Purohit, Gotam K Kukda & Anamika Singhvi Edition:2013 Apex Publishing House Durga Nursery Road, Udaipur, Rajasthan (bilingual)
- 6. ICAR (2015) Soil Health Card, Ministry of Agriculture and Farmers Welfare, Govt. of India
- 7. Plant Pathology by B.P. Pandey, S. Chand Publication New Delhi

Suggested Digital platforms/web links for reading-

https://ndl.iitkgp.ac.in/result?q={%22t%22:%22search%22,%22k%22:%22horticulture%22,%22s%22:[],%22b %22:{%22filters%22:[]}}, http://heecontent.upsdc.gov.in/,

Suggested OJT/ Internship/ Training/ Skill partner : SVBPA University Meerut

Suggested Continuous Evaluation Methods: TEST QUIZ, PRESENTATION, PRACTICAL Course Pre-requisites:

- - No pre-requisite required, Passed XII with any stream

To study this course, a student at least have the subject NA class/12th/ certificate/diploma

Suggested equivalent online courses: https://www.onlinestudies.com/Courses/Horticulture/ Any remarks/ suggestions:

Notes:

- Number of units in Theory/Practical may vary as per need
- Total credits/semester-3 (it can be more credits, but students will get only 3credit/ semester or 6credits/ year
- Credits for Theory =01 (Teaching Hours = 15)
- Credits for Internship/OJT/Training/Practical = 02 (Training Hours = 60)

NODAL OFFICER – DR Satyapal Sing Rana, RANG HOD, Zoology NODAL DEPARTMENT:-Department of Zoology/Botany Dr Satyapal Singh Rana Dr. Kumkum Dr. Narendra Kumar Dr. Vaibhav Sharma Dr. Sushil Kumar Dr. Arvind Kumar SMP Government PG College Meerut

naheed Mnagal Pandey Government Girls PG College, Meerut Proposed Skill Development Course

1		which are a local pairs and some strange pairs in the second					
de of	course- Sl	ill Developu	nent course in	Retail Managem	ent		
Nodal Department of HEI to run course			SMP Gover	SMP Government Girls PG College, Meerut			
Broad A	rei/Sector-		Commerce	Commerce			
Sub Sect	$\frac{1}{6}$		Marketing	Marketing Management			
Nature of Course - Independent / Progressive			Independer	<u>it</u>			
Name of	s iggestive Sector Skill Council		RASCI				
Allened	NSQF level						
Expected	a tees of the course Free/Paid		As per Univ	ersity /NEP 2020 N	orms		
Supend	to student expected from industry		As per terms	s of related retailer			
Number	0i Scals		As per Univ	ersity /NEP 2020 N	orms		
Course	Nieimun Mada		Credits- 03 (Theory, 2 Practic	al)		
Max Ma	Res. 100 Minimum Marks	1 .	40	11.1.11. CD	·1		
iname of	ratical /training/ interachin/QIT	dustry, compa	ny As per the a	availability of Ret	all counters		
fele for F	ractical /training/ internship/OJ1		established	by organized/uno	rganized players		
<u> </u>			in NCR.				
Job pros	pects-Expected Fields of Occupation where stude	nt will be able	to After succes	ssful completion of	f this course, there		
get job a	her completing this course in (Please specify name/	type of indust	ry, are many job	os opportunities in r	etail sector.		
company	(etc.)						
Syllabu	S	1					
		General/	Theory/	No of theory	No of skill		
Unit	Topics	Skill	Internship/	nours (Total-15	Hours (Total-60		
		Component	Training	Hours=1 credit)	Hours=2 credits)		
I	Introduction to Retail				Thouse 2 croundy		
	Concept of retail						
	 Functions of retail 		5	=			
	Retail as a career			e a 1			
•	 Retail formats and its types 	General	Theory	2	0		
	Retailing Channels			A			
and the second second	 Retail Industry in India 	- 12 m - 1		2			
18 main	Importance of retail	<i></i>	1 x 1				
100000	Changing trends in retailing	2					
П	Understanding the Retail Consumer			1			
	 Retail consumer behavior 						
	 Factors influencing the Retail consumer 	Conoral	Theory		•		
	Customer decision making process	General P.	incory	2	-		
	• Types of decision making		and	2.	5		
-	• Market research for understanding retail	SKIII	Practical				
	• Case study related to sustamer decision						
	making						
III	Retail Marketing Strategy						
1	Definition of Retail diretary			•			
	Strategy for effective market segmentation	2	Theory	5×			
1.1.1.1.1.1	Strategies for penetration of new markets	Shin	incory		0		
All Same	 Growth strategies 	SKIII	and	3	ð		
	Retail value chain		Practical				
and the second	Cose study related to menhat menet d'						
IV	Morehandica Managementation						
	Merchandise Management						
	Meaning of Merchandising		Theory				
	Factors influencing Merchandising Functions of Morely and India Merchandising	General	Theory	the state of the second			
S. S. A.	Merchandise planning	&	And	4	10		
	Merchandise buying	Skill	Online				
	Analyzing Marchas III		Training				
2.00	- Analyzing Merchandise performance.						
	 Practical problems related to merchandise 	- 11 Sec	· · · · · · · · · · · · · · · · · · ·				

1	Management VIZ EOQ, TIC, Minimum Level, Safety Stock, Reorder level, Maximum Level and rational of discount of Bulk purchase				
/	Retail Location Selection Importance of Retail locations Types of retail locations				
	 Factors determining the location decision Steps involved in choosing a retail locations Measurement of success of location Case study related to retail location selection 	Skill	Theory and Practical	2	9
VI	Real Life Exposure in Retail Sector • Internship at Retail counter established by organized/ unorganized players in NCR	Skill	Theory and Internship	2	28
Suggest	ed Readings:	1			
Barry	Berman, Joel R Evans- Retail Management; A S	Strategic Ap	oroach		
Dravia	Gilbert- Retail Marketing	0 11			
J. Lan	Iba- The Art of Retailing			· · · ·	
Swap	ana Pradhan- Retailing Management				
Suggests	a Digital platforms/ web links for reading- h	ttps://www.	ibef.org		
nlavers	1 0J1/ Internship/ Training/ Skill partner Reta	il counter of	locally establis	shed organised/und	rganized
Suggest	d'Continue E. I. it		•	er Bulliou, ull	n gamzed
nartner w	vill design the for the ability	on Papers a	are designed for	or theory assess	nent and Skill
Course P	re-requisites:	tudents.			Some und Skin
• No	Dire-requisite required Dessed VII in a			1. T.	
• To	study this course a student must have it	nmerce		A26 01 11	
• If	progressive to study this course a student	ubject Com	nerce. in class/	12th/ certificate/di	ploma
Suggeste	d equivalent online courses:	ust have pas	sed previous co	ourses of this serie	es.
Any remar	ks/ suggestions:	. <u> </u>			
Notes:					
• Nu	mber of units in Theory/Practical may your as	1			5 B
• To	tal credits/semester-3 (it can be more credita by	per need	•11	2	
• Cre	edits for Theory =01 (Teaching Hours = 15)	ut students v	vill get only 3cr	edit/ semester or 6	credits/ year
• Cre	dits for Internship/OIT/Training/Prostical = 02	· / T · · · ·	*	•	
1	= 02	(Training F	10urs = 60)	*¥	
		0.			

Course developed by:-Dr Rakesh Kumar Dr Vikas Kumar Dr Avesh Kumar

Format for syllabus development of Skill development course

urse-	लोक कला
epartment of HEI to run course	Fine Art
Area/Sector-	Drawing & Painting
Sector-	
Nature of course - Independent / Progressive	Independent
Name of suggestive Sector Skill Council	
Aliened NSQF level	
Expected fees of the course -Free/Paid	As per university/NED2020 porms
Stipend to student expected from industry	
Number of Seats	
Course Code	Credite 02 (1 Theory 2 Dreatical)
Max Marks100 Minimum Marks	(1 Theory, 2 Practical)
Name of proposed skill Partner (Please specify, Name of industry, company etc for Practical /training/ internship/OJT	Other institutions of similar nature.
Job prospects-Expected Fields of Occupation where student will be able to get job after completing this course in (Please specify name/type of industry, company etc.)	After completion this certificate course students may be in the position that they can earn their livelihood by making handicrafts at their own.

Unit	Topics	General/ Skill component	Theory/ Practical/OJT/ Internship/ Training	No of theory hours (Total-15 Hours=1 credit)	No of skill Hours (Total-60 Hours=2 credits)	
I	लोक कला की परिभाषा एवं अर्थ	General	Theory	01	-	
Π	लोक कलाकार	General	Theory	01	-	
ш	लोक कला के रूप (रंगोली, मांडने, सांझी, अल्पना, अहिपन, अरिपन, सथिया)	Skill	Theory & Practical	03	15	
IV	लोक कला प्रतीक (ज्योमितीय आकृति ओम, स्वास्तिक, बेलबूटे	General & Skill	Theory & Practical	03	15	
V	लोक कला सामग्री (खनिज रंग–कोयला, आटा, हल्दी, गेरू, नील)	General & Skill	Theory & Practical	02	12	
УI	लोक कला व धर्म (लोकाचारिक, मान्यताएं, लोक देवी—देवता)	General	Theory & Practical	03	10	
VII	समकालीन कला में लोक तत्व	General & Skill	Theory & Practical	02	08	
Suggest	ed Readings:					
Suggested Digital platforms/ web links for reading						
Suggested OJT/ Internship/ Training/ Skill partner						
Suggester partner v	ed Continuous Evaluation Methods: Questi vill design for the skill evaluation of the stud	on Papers a	re designed f	or theory assess	ment and Skill	

isites: Frequisite required, Passed XII.

ogressive, to study this course a student must have passed previous courses of this series.

gested equivalent online courses:

any remarks/ suggestions:

Notes:

- Number of units in Theory/Practical may vary as per need .
- Total credits/semester-3 (it can be more credits, but students will get only 3credit/ semester or 6 credits/ year .
- Credits for Theory =01 (Teaching Hours = 15) .
- Credits for Internship/OJT/Training/Practical = 02 (Training Hours = 60)

2face DR. RAVINDER KUMA, Assistant Professor Drawling & Painting