



Hyderabad Karnataka Education Society's
Smt. Veeramma Gangasiri College for Women
(Affiliated to Karnataka State Akkamahadevi Women's University, Vijayapur & Accredited with 'A++' grade by NAAC)



Department of Physics
MONTHWISE TEACHING PLAN 2023-24
(ODD SEMESTER)

Name of the Staff: Dr. Mohanraj Pattar

Programme : B.Sc.

Semester: I

Subject: Physics

Opening day : 01-8-2023

Holiday: 24-09-2023 to 24-10-2023


Last working day: 10-01-2024

Month (Working Days)	Syllabus to be covered	Remarks
AUG-2024 (25 Days)	Units and measurements: System of units (CGS and SI), measurement of length,	
SEP-2023 (18 Days)	Measurement of mass and time, Dimensions of physical quantities, Dimensional formulae. Minimum deviation	
OCT-2023 (05 Days)	Errors	
NOV-2023 (23 Days)	Momentum and Energy: Work and energy, Conservation of linear momentum, Conservation of energy with examples, Motion of rockets.	
DEC-2023 (24 Days)	Special Theory of Relativity: Constancy of speed of light. Postulates of Special Theory of Relativity. Length contraction	
JAN -2024 (09 Days)	Time dilation. Relativistic addition of velocities.	


Note:

- First Internal : 25-11-2023 to 29-11-2023
- Second Internal : 08-01-2024 to 11-01-2024
- *Final Practical Examinations : from 11-01-2024


STAFF


HOD

COORDINATOR


PRINCIPAL

* As per University Time Table
Department of Physics
Smt. Veeramma Gangasiri Degree
College for Women, Kalaburagi-02

Smt. V.G. Degree College for Women
GALABURGI



Department of Physics
MONTHWISE TEACHING PLAN 2023-24
(ODD SEMESTER)

Name of the Staff : Dr. Mohanraj Pattar

Programme: B.Sc.

Semester: III

Subject : Physics

Opening day of College : 24-11-2023

Last working day : 18-03-2024

Month (Working Days)	Syllabus to be covered	Remarks
NOV-2023 (05 Days)	<u>Acoustics</u> : Absorption coefficient, Reverberation and Reverberation time, Sabine's Reverberation formula (derivation), Factors affecting acoustics in buildings, Requisites for good acoustics. Acoustic measurements – intensity and pressure levels.	
DEC-2023 (24 Days)	<u>Standing Waves</u> : Velocity of transverse waves along a stretched string (derivation), Standing (Stationary) Waves in a String - Fixed and Free Ends (qualitative).	
JAN -2024 (25 Days)	Theory of Normal modes of vibration in a stretched string, Energy density and energy transport of a transverse wave along a stretched string.	
FEB-2024 (25 Days)	Vibrations in rods – longitudinal and transverse modes (qualitative). Velocity of Longitudinal Waves in gases (derivation). Normal Modes of vibrations in Open and Closed Pipes – Analytical treatment.	
MAR-2024 (14 Days)	Concept of Resonance, Theory of Helmholtz resonator.	

Note:

- First Internal : 08-01-2024 to 11-01-2024
- Second Internal : 11-03-2024 to 14-03-2024
- *Final Practical Examinations : from 19-03-2024

STAFF

HOD

COORDINATOR

PRINCIPAL
PRINCIPAL
 Smt. V.G. Degree College for Women
 GUBLURU.



Hyderabad Karnataka Education Society's
Smt. Veeramma Gangasiri College for Women
 (Affiliated to Karnataka State Akkamahadevi Women's University, Vijayapur & Accredited with 'A++' grade by NAAC)



Department of Physics
MONTHWISE TEACHING PLAN 2023-24
(ODD SEMESTER)

Name of the Staff: Dr. Mohanraj Pattar

Programme: B.Sc.

Semester: V – Paper 5.2 Subject : Physics

Opening day of College : 24-11-2023

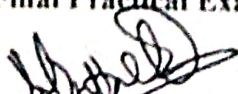
Last working day : 18-03-2024

Month (Working Days)	Syllabus to be covered	Remarks
NOV-2023 (05 Days)	Unit 1: Basic Atomic models: Thomson's atomic model; Rutherford atomic model – Model, Theory of alpha particle scattering, Rutherford scattering formula (no derivation);	
DEC-2023 (24 Days)	Bohr atomic model – postulates, Derivation of expression for radius, total energy of electron; Origin of the spectral lines; Spectral series of hydrogen atom; Effect of nuclear motion on atomic spectra - derivation; Ritz combination principle; Correspondence principle; Critical potentials – critical potential, excitation potential and ionization potential; Atomic excitation and its types, Franck-Hertz experiment; Sommerfeld's atomic model – model, Derivation of condition for allowed elliptical orbits.	
JAN -2024 (25 Days)	Unit 2: Vector atomic model and optical spectra Vector atom model – model fundamentals, spatial quantization, spinning electron; Quantum numbers associated with vector atomic model; Coupling schemes – L-S and j-j schemes; Pauli's exclusion principle; Magnetic dipole moment due to orbital motion of electron – derivation;	
FEB-2024 (25 Days)	Magnetic dipole moment due to spin motion of electron; Lande g-factor and its calculation for different states; Stern-Gerlach experiment – Experimental arrangement and Principle; Fine structure of spectral lines with examples; Spin-orbit coupling / Spin-Orbit Interaction – qualitative;	
MAR-2024 (14 Days)	Optical spectra – spectral terms, spectral notations, selection rules, intensity rules; Fine structure of the sodium D-line; Zeeman effect: Types, Experimental study and classical theory of normal Zeeman effect, Zeeman shift expression, examples; Stark effect: Experimental study, Types and examples.	

Note:

- First Internal : 08-01-2024 to 11-01-2024
- Second Internal : 11-03-2024 to 14-03-2024
- *Final Practical Examinations : from 19-03-2024


STAFF


HEAD

COORDINATOR


PRINCIPAL

* As per University Time Table

Department of Physics
 Smt. Veeramma Gangasiri Degree
 College for Women, Kalaburagi-02

Smt. Y.G. Degree College for Women
 Kalaburagi.



Hyderabad Karnataka Education Society's
Smt. Veeramma Gangasiri College for Women



(Affiliated to Karnataka State Akkamahadevi Women's University, Vijayapur & Accredited with 'A++' grade by NAAC)

DEPARTMENT: EDUCATION
MONTHWISE TEACHING PLAN 2023-24
(ODD SEMESTER)

Name of the Staff: Dr.Nagaratna S

Programme : BA Semester: I Subject: FOUNDATIONS OF INDIAN EDUCATION A,

Opening day : 01-8-2023 Holiday: 24-09-2023 to 24-10-2023 Last working day: 10-01-2024

Month (Working Days)	Syllabus to be covered	Remarks
AUG-2023 (25 Days)	Unit-1 Pre independence Education period 1.1 Meaning and importance of Education 1.2 Vedic System Of Education- With Reference To - Background ,Aims, Rituals, Teaching, Curriculum, Pupil-Teacher Relationship And Other Characteristics. 1.3 Buddhist system Of Education-Education With Reference to Background, Aims, Rituals, Teaching, Curriculum, Pupil Teacher Relationship And Merits And Demerits	
SEP-2023 (18 Days)	1.4 In Medieval India-.Education With Reference To- Background, Aims, Rituals, Teaching, Curriculum, Pupil Teacher relationship And Merits And demerits.	
OCT-2023 (05 Days)	Unit-2: British System Of Education 2.1 British System Of Education-With Reference To Introduction ,Objectives, Background	
NOV-2023 (23 Days)	2.2 Macaulay's Minute And Woods Dispatch 2.3 Hortog Committee 2.4 Sargent Commission	
DEC-2023 (24 Days)	Unit-3: Post Independence Period 3.1 University Education Commission, 3.2 Mudaliar Commission 3.3 Kothari Education Commission, 3.4 National Educationalpolicy-1986	
JAN -2024 (09 Days)	Revision Class	

Note: First Internal
Second Internal

: 25 11-2023 to 29-11-2023
: 08 01-2024 to 11-01-2024

STAFF

HOD

ಮುಖ್ಯಸ್ಥರು,
ಶಿಕ್ಷಣ ಕಾರ್ಯ ವಿಭಾಗ
ಶ್ರೀಮತಿ ಎ.ಬಿ. ಮಹಿಳಾ ಮಹಾವಿದ್ಯಾಲಯ
ಕಲಬುರ್ಗಿ-೫೮೫ ೦೦೨

COORDINATOR

PRINCIPAL

* As per University Time Table.



Hyderabad Karnataka Education Society's
Smt. Veeramma Gangasiri College for Women



(Affiliated to Karnataka State Akkamahadevi Women's University, Vijayapur & Accredited with 'A++' grade by NAAC)

DEPARTMENT: EDUCATION
MONTHWISE TEACHING PLAN 2023-24
(ODD SEMESTER)

Name of the Staff: Dr.Nagaratna S

Programme : BA Semester: I Subject: Philosophical Foundations of Education A₂

Opening day : 01-8-2023 Holiday: 24-09-2023 to 24-10-2023 Last working day: 10-01-2024

Month (Working Days)	Syllabus to be covered	Remarks
AUG-2023 (25 Days)	Unit- 1: Concept of Philosophy 1.1 Meaning, Definitions, Scope and Importance of Philosophy 1.2 Branches of Philosophy-Metaphysics ,Epistemology, and Axiology 1.3 Methods of Philosophical Inquiry. 1.4 Criteria of Educative Process	
SEP-2023 (18 Days)	Unit-2: Education and Philosophy 2.1 Relationship between Education and Philosophy- with Special Reference to Aims, Curriculum, Methods, Teacher and Discipline.	
OCT-2023 (05 Days)	Revision Class	
NOV-2023 (23 Days)	2.2 Modern Concept of Philosophy of Education 2.3 The need for Philosophical Inquiry of Education 2.4 Ethics in Education	
DEC-2023 (24 Days)	Unit-3:Philosophy for development of Humanity 3.1 Education and Development of Values- Concept, Types of Values: Constitutional values (Democratic, Socialistic and Secular values) 3.2 Education for National Integration 3.3 Education for International Understanding 3.4 Education for peace and Harmony	
JAN -2024 (09 Days)	Revision Class	

Note: First Internal
Second Internal

: 25 11-2023 to 29-11-2023
: 08 01-2024 to 11-01-2024

STAFF

H O D

ಮುಖ್ಯಸ್ಥರು,
ಶಿಕ್ಷಣ ಶಾಸ್ತ್ರ ವಿಭಾಗ
ಕ್ರೀಡಾ ವಿ.ಜಿ. ಸುಕಾ ಮಹಾವಿದ್ಯಾಲಯ
ಕಲಬುರಗಿ-೫೮೫ ೦೦೨

COORDINATOR

PRINCIPAL

* As per University Time Table.



Hyderabad Karnataka Education Society's
Smt. Veeramma Gangasiri College for Women



(Affiliated to Karnataka State Akkamahadevi Women's University, Vijayapur & Accredited with 'A++' grade by NAAC)

DEPARTMENT: EDUCATION
MONTHWISE TEACHING PLAN 2023-24
(ODD SEMESTER)

Name of the Staff: Dr.Nagaratna S

Programme : BA, B.Sc. Semester: I Subject: History of Education (Open Elective)

Opening day : 01-8-2023 Holiday: 24-09-2023 to 24-10-2023 Last working day: 10-01-2024

Month (Working Days)	Syllabus to be covered	Remarks
AUG-2023 (25 Days)		
SEP-2023 (18 Days)	Unit-1 Pre independence Education period 1.1 Meaning and importance of Education 1.2 Vedic System Of Education- With Reference To - Background ,Aims, Rituals, Teaching, Curriculum, Pupil-Teacher Relationship And Other Characteristics.	
OCT-2023 (05 Days)	Revision class	
NOV-2023 (23 Days)	Unit-2 Buddhist system Of Education-Education With Reference to Background, Aims, Rituals, Teaching, Curriculum, Pupil Teacher Relationship And Merits And Demerits	
DEC-2023 (24 Days)	Unit-3: In Medieval India-.Education With Reference To- Background, Aims, Rituals, Teaching, Curriculum, Pupil Teacher relationship And Merits And demerits.	
JAN -2024 (09 Days)	Revision Class	

Note: First Internal
Second Internal

: 25 11-2023 to 29-11-2023
: 08 01-2024 to 11-01-2024

STAFF

HOD

COORDINATOR

PRINCIPAL

ಮುಖ್ಯಸ್ಥರು,
ಶಿಕ್ಷಣ ಶಾಸ್ತ್ರ ವಿಭಾಗ
ಶ್ರೀಮತಿ ಎ.ಬಿ. ಮಹಿಳಾ ಮಹಾವಿದ್ಯಾಲಯ
ಕೆಎಲ್‌ಎಫ್-ಇರಸಿ ೧೦೨

** As per University Time Table.



Hyderabad Karnataka Education Society's
Smt. Veeramma Gangasiri College for Women



(Affiliated to Karnataka State Akkamahadevi Women's University, Vijayapur & Accredited with 'A++' grade by NAAC)

DEPARTMENT: EDUCATION
MONTHWISE TEACHING PLAN 2023-24
(ODD SEMESTER)

Name of the Staff: Dr Nagaratna S

Programme: BA Semester:III Subject: DSC-5: DEVELOPMENT OF EDUCATION IN MODERN INDIA

Opening day of College: 24-11-2023

Last working day : 18-03-2024

Month (Working Days)	Syllabus to be covered	Remarks
NOV-2023 (05 Days)	Introduction class	
DEC-2023 (24 Days)	Unit-1 Development of Education in India Primary Education: Meaning and concepts, Aims and Objectives and Problems of Primary Education. Secondary Education: Meaning and concepts, Aims and Objectives and Problems of Secondary Education. Higher Education: Meaning and concepts, Aims and Objectives and Problems of Higher Education.	
JAN -2024 (25 Days)	Unit-2 Agencies for development of Education. Meaning of agencies of education, Active and passive agencies of education, Home and education. Importance of the school, Function of the School – Meaning of community, Characteristics of community. Relationship between the school and community, Ways of coordinating school and community.	
FEB-2024 (25 Days)	Unit-3 Education and National Development Evolution of the national system of University, Primary and Secondary Education Commissions (1949,1952 & 1964). New Policy on Education – 1986. National Education Policy – 2020: - Salient feature of Higher Education	
MAR-2024 14 Days	REVISION CLASS	

Note:

- First Internal : 08-01-2024 to 11-01-2024
- Second Internal : 11-03-2024 to 14-03-2024
- *Final Practical Examinations : from 19-03-2024

STAFF

H O D

COORDINATOR

PRINCIPAL

ಮುಖ್ಯಸ್ಥರು,
ಶಿಕ್ಷಣ ಮತ್ತು ಅಭಿವೃದ್ಧಿ ವಿಭಾಗ
ಅನುಷ್ಠಾನ ಮತ್ತು ಮಹಿಳಾ ಸಹಾಯಕರು
ವಿಜಯಪುರ - 508 002

* As per University Time Table



Hyderabad Karnataka Education Society's
Smt. Veeramma Gangasiri College for Women



(Affiliated to Karnataka State Akkamahadevi Women's University, Vijayapur & Accredited with 'A++' grade by NAAC)

DEPARTMENT: EDUCATION
MONTHWISE TEACHING PLAN 2023-24
(ODD SEMESTER)

Name of the Staff: Dr Nagaratna S

Programme: BA Semester:III Subject: DSC-6: ISSUES AND CHALLENGES IN SECONDARY EDUCATION

Opening day of College: 24-11-2023

Last working day

: 18-03-2024

Month (Working Days)	Syllabus to be covered	Remarks
NOV-2023 (05 Days)	Introduction class	
DEC-2023 (24 Days)	Unit-1 Constitution and Education Constitutional Provisions –Articles 15,16,17,19,21,21a,24,28,29,30 and 45 –related to educational aspects. Karnataka Education Act 1983 –Features related to School Education. Right to Education Act-2009 –Salient features and Universalization of Education.	
JAN -2024 (25 Days)	Unit-2 Issues and challenges related to Indian Education Study of Languages and Medium of instruction, Education for National and Emotional integration. Human rights Education – Universal declaration of Human Rights, Meaning and Importance of Human Rights Education. Liberalization, Privatization, Globalization – its impact on Education for International understanding.	
FEB-2024 (25 Days)	Unit-3 Total Quality Management in Education Meaning and Importance of the Total Quality Management (TQM) in Education. Sarva Shikshana Abhiyana (SSA), Rashtriya Madhyamika Shikshana Abhiyana (RMSA) as agencies of quality improvement. Role of Institution and Organization – a) NCERT, b) CTE, c) DIET, d) NGO's.	
MAR-2024 14 Days	REVISION CLASS	

Note:

- First Internal : 08-01-2024 to 11-01-2024
- Second Internal : 11-03-2024 to 14-03-2024
- *Final Practical Examinations : from 19-03-2024

STAFF

H.O.D.

COORDINATOR

PRINCIPAL

* As per University Time Table.



Hyderabad Karnataka Education Society's
Smt. Veeramma Gangasiri College for Women



(Affiliated to Karnataka State Akkamahadevi Women's University, Vijayapur & Accredited with 'A++' grade by NAAC)

DEPARTMENT: EDUCATION
MONTHWISE TEACHING PLAN 2023-24
(ODD SEMESTER)

Name of the Staff: Dr Nagaratna S

Programme: B.Sc, B.COM Semester:III

Subject: LIFE SKILLS IN EDUCATION (Open Elective)

Opening day of College: 24-11-2023

Last working day

: 18-03-2024

Month (Working Days)	Syllabus to be covered	Remarks
NOV-2023 (05 Days)	Introduction class	
DEC-2023 (24 Days)	Unit-1 Concepts of Life Skills Meaning and importance of Life Skills. Recommendations of Life Skills by World Health Organisation (WHO) - Problem solving, Decision making, Critical thinking, Creative thinking, Effective communication, understanding others, controlling emotions, Controlling mental stress, empathy. Strategies for Development of Life Skills.	
JAN -2024 (25 Days)	Unit-2 Communication and Professional Skills Communication Skills-Listening, Speaking, Reading, and Writing. Professional Skills- Resume Skills, Career. Skills- Interview Skills, Group discussion skills, Exploring career opportunities. Team Skills Brain storming, Social and cultural Etiquettes	
FEB-2024 (25 Days)	Unit-3 Leadership and Managerial Skills Leadership skills and Managerial skills. Universal Human Values- Love and Compassion, Constitutional values, Justices, and human rights. Role of education in developing life skills.	
MAR-2024 14 Days	REVISION CLASS	

Note:

- First Internal
- Second Internal
- *Final Practical Examinations

: 08-01-2024 to 11-01-2024

: 11-03-2024 to 14-03-2024

: from 19-03-2024

STAFF

H O D

ಮುಖ್ಯಸ್ಥರು,
ಶಿಕ್ಷಣ ಶಾಸ್ತ್ರ ವಿಭಾಗ
ಶ್ರೀಮತಿ ವಿ.ಜಿ. ಮಹಿಳಾ ಮಹಾವಿದ್ಯಾಲಯ
ಕಲಬುರ್ಗಿ-587002

COORDINATOR

PRINCIPAL

* As per University Time Table.