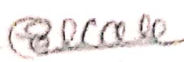



Shikshan Maharshi Guruvarya R. G. Shinde Mahavidyalaya, Paranda

DEPARTMENT OF COMMERCE

Departmental Academic Calendar 2022-23

Month	Academic activities
July	<ul style="list-style-type: none">• Opening of College• Departmental meeting• Admissions• Result Analysis• Workload distribution for First term.
August	<ul style="list-style-type: none">• Commencement of regular lectures of Online / Offline• Welcome Function
September	<ul style="list-style-type: none">• Extra guidance to slow learners for New First Year Student• Wallpaper Presentation
October	<ul style="list-style-type: none">• Test for Slow and advance learners• ICT lectures arrange as per ICT schedule• Guest lecture.
November	<ul style="list-style-type: none">• Seminar arranges for students• Internal examinations.• Extra guidance to slow learners.• Departmental meeting.• Group Discussion• University examinations and paper assessment.
December	<ul style="list-style-type: none">• Departmental meeting• Workload distribution for second term• Wallpaper Presentation
January	<ul style="list-style-type: none">• Regular theory and practical.• Student's seminar.
February	<ul style="list-style-type: none">• Study tour/ Industrial visit.• ICT lectures.
March	<ul style="list-style-type: none">• Internal theory examination.• Alumni meet.• Group Discussion• Departmental meeting.
April	<ul style="list-style-type: none">• Extra guidance and counselling to B. Com III students for career.• University practical examination.• Departmental meeting
May	<ul style="list-style-type: none">• University theory examination.


Faculty Member


Faculty Member


HOD


Principal

Shikshan Maharshi Guruvarya R. G. Shinde Mahavidyalaya, Paranda

SHIKSHANI SHIKSHAN PRASARAK MANDAL'S
SHIKSHAN MAHARSHI GURUVARYA R.G. SHINDE MAHAVIDYALAYA,
PARANDA- DIST- OSMANABAD
DEPARTMENT OF CHEMISTRY
ACADEMIC CALENDER (2021-22)

Sr.No.	Activities/ Events	tentative Month
ODD SEMESTER		
1	Admission process	September 2021
2	Departmental meeting and syllabus distribution to faculty members	
3	Video lecture preparation	September 2021
4	Commencement of online classes	October 2021
5	Online classes	October 2021
6	Diwali vacation	November 2021
	student centric activities	Dec-21- Jan -2022
7	Science Day celebration	February 2022
8	Term end examination	February 2022
9	Continuous Internal examination	Any day of week
EVEN SEMESTER		
10	Second Term opening	March 2022
11	Departmental meeting and syllabus distribution to faculty members	
12	Commencement of online classes	
13	Syllabus based activities for students	April 2022
14	Certificate course	
15	Student centric activities	May 2022
16	Placement activity	June 2022
17	Career counseling to B.Sc. III students	
18	Term End examination	July 2022
19	Continuous Internal Examination	Any day of week
20	Avishkar	To be conducted as per University guidelines

[Signature]

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Principal

Shikshan Mahashhi G. Shinde
R.G. Shinde M. Mahavidyalaya, Paranda.

Principal
R.G. Shinde M. Mahavidyalaya, Paranda.



Shri Bhavani Nilkanth Prasad Mandal's
S. G. R. G. Shinde Mahavidyalaya,
Paranda, Dist. Osmanabad,
Literary Association



Academic Calendar
2022-23

First Term- 09/07/2022 to 19/10/2022			
July	August	September	October
Admission	Inauguration of Literary Association, Guest Lecture	Screening of Film, Guest Lecture,	Celebration of English Week, Guest Lecture, Screening of Film,
Winter Vacation- 20/10/2022 to 03/11/2022			
First Term Examination- 04/11/2022 to 30/11/2022			
Second Term- 01/12/2022 to 15/03/2023			
December	January	February	March
Different Competitions, Guest Lecture	Screening of Film, Collection of Student Written material for "Navayug" magazine	Collection of Student Written material for "Navayug" magazine	Screening of Film
Second Term Examination- 16/03/ 2023 to 30/04/2023			
Summer Vacation- 01/05/2023 to 14/06/2023			
Academic New Year Start From- 15/06/2023-24			

Deepak
Coordinator
Literary Association

Dr. R. G. Shinde
Principal
S. G. R. G. Shinde Mahavidyalaya, Paranda, Dist. Osmanabad



SHRI BHAVANI SHIKSHAN PRASARAK MANDAL'S
SHIKSHAN MAHARSHI GURUVARYA R.G. SHINDE MAHAVIDYALAYA,
PARANDA- DIST. OSMANABAD
ACADEMIC CALENDAR (2022-23)

COMMERCE ASSOCIATION

Sr. No.	List of Activities / Events	Tentative Month
1	Commerce forum Establishment	August 2022
2	Seminar	September 2022
3	Wallpaper Presentation	October 2022
4	Guest lecture	December 2022
5	Wallpaper Presentation	January 2023
6	Group Discussion	February 2023
7	Guest lecture	March 2023


Member

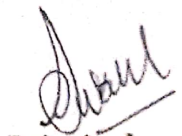
Commerce Association


Member

Commerce Association


Chairman

Commerce Association


Principal

S.B.S.P. Mandals
S.G.R.G. Shinde Mahavidyalaya Paranda
Tq. Paranda, Dist - Osmanabad
Annual Plan of Teaching Work (Academic Year 2022-23)

Name Of Teacher :- Dr. Kharde A.C


Subject :- Macro Economics

Class: - B.A. I Sem - I


Sr. No	Month	Name of Unit	Sub- Unit	No. of Period	No. of teaching day
1	Jul	Introduction	Meaning, The origin and Roots of Macro Economics. Nature and Scope of Macro Economics. Importance and Limitations of Macro Economics	05	09
2	Aug	National Income	Meaning, Concepts and Importance of National Income. Measurement of national income, difficulties in measuring national income. National Income - Two sector model. Three sector model.	05	23
3	Sep	Determination of Output and Employment	Classical Approach: Say's law, Keynes' Criticism on Classical Approach. Keynes' theory of Employment: Aggregate Demand Function, Aggregate Supply Function, Principle of Effective Demand.	16	26
4	Oct	Consumption and Investment	Consumption Function - Meaning, Various Concepts of Consumption, Psychological Law of Consumption, Factors Influencing Consumption Function. Investment Function Meaning, Various Concepts of Investment, Factors Influencing Investment Function. Concept of Multiplier and Accelerator..	11	15

1. Tutorial and Test

2. Seminar, Any other subject -----


Sign of Teacher


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Principal
Shikshanmaharshi Gunavarya
R.G. Shinde Mahavidyalaya, Paranda

Department of economics

Page 1

S.B.S.P. Mandals
S.G.R.G. Shinde Mahavidyalaya Paranda
Tq. Paranda, Dist - Osmanabad
Annual Plan of Teaching Work (Academic Year 2022-23)

Name Of Teacher :-Dr.Kharde A.C


Subject :- Macro Economics

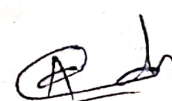
Class: - B.A. I Sem - II


Sr. No	Month	Name of Unit	Sub- Unit	No. of Period	No. of teaching day
1	Des	Money	Money — Meaning and Functions. Value of Money and it's Measurements Index Supply of Money: Various Measures of Money Supply, High Powered Money, Money Multiplier. Theory of Demand for Money - Fisher's Approach, The Cambridge Cash Balance Theory Keynes's.	16	27
2	Jan	Inflation	Inflation — Meaning, Types, Causes, Effects of Inflation Nature of Inflation in Developing Economy, Measures to Control Inflation. Deflation — Meaning, Causes and Effects. Philips Curve, Concept of Stagflation, Long-Run Phillips Curve	16	26
3	Feb	Trade Cycles	Meaning, Characteristics and Phases of Trade Cycle Causes and Effects of Trade Cycle. Theory of Trade Cycle - Hawtrey's Monetary Theory, Hayek's Over Investment Theory, Keynesian view on Trade Cycles	15	24
4	March	Macroeconomic Policies	Monetary Policy - Meaning, Objectives, Instruments, Advantages and Limitations, Role of Monetary Policy in Developing Economies. Fiscal Policy - Meaning, Objectives, Instruments, Advantages and Limitations, Role of Fiscal Policy in Developing Economies. Introduction of IS-LM Curve	08	11

1. Tutorial and Test

2. Seminar, Any other subject -----


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Principal
Shikshanmaharshi Guruvarya
R.G. Shinde Mahavidyalaya, Paranda

Department of economics

Page 2

S.B.S.P. Mandals
S.G.R.G. Shinde Mahavidyalaya Paranda
Tq. Paranda , Dist. Osmanabad

Annual plan of teaching work
(Academic Year 2022-23)

Name of Teacher :- Dr. Ghumare A. B.
Paper No. & Name:- VIII (Organic chemistry)

Subject: - Chemistry
Class :- T. Y. BSc (Sem-V)

Sr.No	Month	Name of the Unit	Sub- unit	No. of Periods	No. of Teaching Days
1	Jul	Spectroscopy	Nuclear magnetic resonance (NMR) spectroscopy. Proton magnetic resonance (¹ H NMR) spectroscopy, nuclear shielding and deshielding, chemical shift and molecular structure, spin-spin splitting and coupling constants, areas of signals, interpretation of PMR spectra of simple organic molecules such as ethyl bromide, ethanol, acetaldehyde, 1, 2, 2 tribromoethane, ethyl acetate, toluene and Acetophenone. Problems pertaining to the structure elucidation of simple organic compounds using UV, IR and PMR spectroscopic techniques. (Combine and single λ max using woodwardfischer rule)	16	09
	Aug				07
2	Aug	Organometallic Compounds	Organomagnesium compounds: The Grignard reagent formation, structure and chemical reactions. Organozinc compound, formation and chemical reactions, organolithium compound, formation and chemical reactions.	08	05
	Sep				03

3	Sep	Organic Synthesis via Enolates.	Defination. Active methylene compounds, Preparation of Aceto acetic ester, (Claisen condensation with Mechanism). Acidity of alpha hydrogen, properties and reactions involving formation of mono, di and unsaturated carboxylic acids, also synthesis of ketone, di ketone, 4-methyl uracil from acetoacetic ester, keto-enol tautomerism. Preparation of diethyl malonate, properties and reactions involved in alkylation, formation of mono, di and unsaturated carboxylic acids, and also synthesis of glycine and barbutric acids from diethyl malonate.	13	09
	Oct				04
4	Oct	Fats, oils and detergents	Natural fats, edible and industrial oils of vegetable origin, manufacture of soyabean oil by solvent extraction method and isolation and uses of essential oils. Types of animals fats and oils and defination of saponification value, iodine value, and acid value. Detergents: Defination, Introduction and preparation of sodium alkyl sulphonate, alkyl benzene sulphonate, and amide sulphonate, (one example each), Cleansing action of detergent.	08	08

Sign of Teacher

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Department Of Chemistry
S.G.R.G Shinde Mahavidyalaya
Paranda - 413502

Sign-of-Principal
Jankshernmaharshi Guruvaryu
R.G. Shinde Mahavidyalaya, Paranda

S.B.S.P. Mandals
S.G.R.G. Shinde Mahavidyalaya Paranda
Tq. Paranda, Dist. Osmanabad

Annual plan of teaching work
(Academic Year 2022-23)

Name of Teacher :- Dr. Ghanshyam A. B.

Subject :- Chemistry


Paper No. & Name:- X (Inorganic chemistry)


Class :- S. Y. BSc (Sem-IV)

Sr.No	Month	Name of the Unit	Sub-unit	No. of Periods	No. of Teaching Days
1	Dec	Chemistry of Elements of First Transition Series:	General Characteristic features of d-block elements. Properties of the elements of the first transition series: Ionic Size, Atomic Size, Metallic properties, Ionization potential, magnetic properties, Oxidation State.	10	10
2	Dec	Co-ordination Compounds:	Werner's Co-ordination Theory and its experimental verification effective atomic Number concept, chelates, nomenclature of co-ordination compounds, isomerism in co-ordination compounds, valence bond theory of transition metal complexes.	10	05
	Jan				05
3	Jan	Chemistry of Lanthanide Elements:	Occurrence and Isolation of Lanthanides, Electronic Configuration Oxidation states, Ionic Radii, Lanthanide Contraction and its Consequences.	06	05
	Feb				01

4	Feb	Chemistry of Actinides:	Occurrence, Position in the periodic table, Electronic configuration, Oxidation State, chemistry of separation of Np, Pu and Am from U	05	05
5	Feb	Acids and Bases:	Arrhenius, Bronsted-Lowry, The Lux-Flood, Solvent System and Lewis Concept of Acids and Bases	06	06
6	Mar	Non- Aqueous Solvents:	Physical Properties of a solvent, Types of Solvents and their general Characteristics, Reaction in Non-Aqueous Solvents with reference to liquid NH ₃ and liquid SO ₂ .	08	08


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Department Of Chemistry
S.G.R.G Shinde Mahavidyalaya
Paranda - 417502


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R.G. Shinde Mahavidyalaya, Paranda

TEACHING PLAN

ANNUAL PLAN OF TEACHING WORK (ACADEMIC) 2022-23

Name of Teacher:

Subject: Physics

Paper No. & Name: Mechanics, Properties of Matter and Sound (I)

Class: B. Sc. F.Y. (1st Sem)

Sr. No.	Month	Name of the unit	Sub-Unit	No. of periods	No of teaching days
1.	July 2022 August 2022	Mechanics	Compound Pendulum- expression of time period, Interchangeability of Centre of suspension and oscillation, Kater's Pendulum. Newton's law of Gravitation (Statement only) , Gravitational Field , Gravitational Potential, Gravitational Potential of mass, Gravitational potential and field due to spherical shell and solid sphere (at a point, outside , inside and on the surface).	13	10 03
2.	August 2022 September 2022	Elasticity	Introduction , Moduli of Elasticity (Elastic constants), Twisting couple on a cylinder, Bending of Beam – Bending moment, cantilever loaded at free end – (a) When weight of beam is ineffective, (b) When weight of beam is effective, Depression of Beam loaded at centre	10	09 01
3.	September 2022	Viscosity and Surface Tension	Viscosity - Introduction, energy of liquid in motion, Bernoulli's Theorem, practical applications: (i) Law of hydrostatic pressure (ii) Filter pump, Poiseuille's formula. Surface Tension - Introduction, Difference of pressure across a curved surface, Determination of S.T. by Jaeger's method.	12	12
4.	October 2022	Ultrasonic and Acoustics:	Ultrasonic - Piezo – electric effect, Piezo – electric Generator, Magnetostriction effect, Magnetostriction oscillator, Applications of ultrasonic – Depth of sea, Chemical effects, Medical applications. Acoustics - Reverberation, Acoustical demands of an auditorium, Sabine's Law – Derivation of Reverberation time, conditions of good acoustical designs of room.	10	10

Signature of Teacher

Signature of HOD

Signature of Principal

Shikshanmaharshi Guruvarya
R.G. Shinde Mahavidyalaya, Paranda

Department of Physics

Name of Teacher: Dr. Maheshkumar L. Mane

Subject: Physics

Paper No. & Name: Heat and Thermodynamics (II)

Class: B. Sc. F. Y. (1st Sem)

Sr. No.	Month	Name of the unit	Sub-Unit	No. of periods	No of teaching days
1.	July 2022	Thermal Conductivity	Transference of heat. Coefficient of thermal conductivity. Rectilinear flow of heat along a metal bar. Methods of radial flow of heat-(i) spherical shell method and (ii) Flow of heat along the wall of a cylindrical tube. comparison of conductivities of different metals.	10	09
	August 2022				01
2.	August 2022	Real Gases and Transport Phenomena	Real Gases - Introduction. Reason for modification of gas equation. Van der Waals equation of state, comparison with experimental curves, critical constants, constants of Van der Waals equation. Transport phenomena-Introduction. Mean free path, sphere of influence, and expression for mean free path, variation of mean free path with temperature and pressure, transport phenomena, viscosity, Thermal conductivity (their interrelationship, dependence on temperature and pressure).	12	11
3.	September 2022	Thermodynamics	Adiabatic process, Adiabatic equation of a perfect gas, Isothermal process, Indicator diagram, work done during isothermal process and adiabatic process, reversible and irreversible process, Second law of thermodynamics. (Kelvin and Clausius statement), Heat engines, Carnot's ideal heat engine, Carnot's cycle (work done and Efficiency).	12	12
4.	October 2022	Entropy and Thermodynamic relations	General notation of entropy, change of entropy is independent of path, change of entropy in reversible and irreversible process, Formulation of second law in terms of entropy, Maxwell's thermodynamical relations, Applications of Maxwell's relations -i) Clausius - Clapeyron equation, ii) T-ds equations.	11	11

Signature of Teacher

Signature of HOD

Signature of Principal

Principal
Shikshanmaharshi Guruvarya
R.G. Shinde Mahavidyalaya

Department of Physics

Name of Teacher:

Subject: Physics

Paper No. & Name: Mathematical, Statistical Physics and Relativity (VII)

Class: B.Sc. S.Y. (3rd Sem)

Sr. No.	Month	Name of the unit	Sub-Unit	No. of periods	No of teaching days
1.	July 2022 August 2022	Differentiation and ordinary differential equation	Limit of function, partial differentiation, successive differentiation, total differentiation, exact differentiation, chain rule. Ordinary differential equation, order and degree of differential equation, solution of first order differential equation, and solution of second order linear differential equation with constant coefficient a) Homogeneous equations, b) Inhomogeneous equation, Special case of exponential right hand to find P.I.	13	10 03
2.	August 2022 September 2022	Statistical basis and classical statistics	Introduction, probability, principle of equal a priori probability, probability and frequency, some basis rules of probability theory, permutation and combination, macrostates and microstates, phase space, thermodynamic probability, division of compartments into cells, Maxwell-Boltzmann energy distribution law, evaluation of g_i , α and β , M.B. distribution function for ideal gas, M.B. Speed distribution law	10	09 01
3.	September 2022	Quantum statics	Need of quantum statistics, Bose-Einstein distribution law, Planck's radiation law, Fermi-Dirac distribution law, electron gas, Fermi level and Fermi energy, EFO for electrons in a metal, comparison of three static, difference between classical and quantum statistics	12	12
4.	October 2022	Theory of relativity	Introduction, frame of reference, Galilean transformation equations, Michelson Morley experiment, special theory of relativity, Lorentz transformation equation, length contraction, time dilation, addition of velocities, variation of mass-energy equivalence	10	10

Signature of Teacher

Signature of HOD

Signature of Principal

Shikshanmaharshi Guruvarya

R.G. Shinde Mahavidyalaya, P.

Department of Physics

Date: 07/10/2022

Notice

A meeting of **IQAC is scheduled on 14/10/2022 at 11:30 am**, in the IQAC chamber, Shikshan Maharshi Guruvarya R. G. Shinde Mahavidyalaya, Paranda.

Kindly make it convenient to attend the said meeting on the date and time as mentioned above.

To,

Sr. No.	Name	Designation
1	Dr. Sunil T. Jadhav	Chairperson
2	Mr. Sanjay P. Nimbalkar	Management Representative
3	Dr. Maheshkumar L. Mane	Coordinator
4	Dr. Vidyadhar V. Nalawade	Member
5	Mr. Santosh S. Kale	Member
6	Dr. Akshay B. Ghumare	Member
7	Dr. Prashant J. Gaikwad	Member
8	Dr. Rahul K. Deshmukh	Member
9	Mr. Jagannath M. Mali	Member
10	Mr. Bhausaheb R. Divane	Administrative officer
11	Dr. V. M. Gurame	Stakeholder
12	Dr. Ashok D. Mohekar	Industrialist
13	Mr. Deepak Huke	Alumni Representative
14	Mrs Anita Nawale	Local society member
15		Student Representative

BUSINESS

1. AQAR 2021-22 Submission
2. Welcome and nomination of new IQAC members
3. Review of different committees and departmental activities
4. Conduction of certificate / Ad-on courses
5. Initiative regarding paperless IQAC
6. Physical Facility Upgradation
7. Any other item with the permission to the chairman


IQAC Coordinator
R.G.R.G. Shinde Mahavidyalaya
Paranda, Dist. Osmanabad




Principal
Shikshanmaharshi Guruvarya
R.G. Shinde Mahavidyalaya, Paranda

Date: 08/04/2023

Notice

A meeting of **IQAC is scheduled on 11/04/2023 at 03:30 pm.** in the IQAC chamber, Shikshan Maharshi Guruvarya R. G. Shinde Mahavidyalaya, Paranda.

Kindly make it convenient to attend the said meeting on the date and time as mentioned above.

To,


Sr. No.	Name	Designation
1	Dr. Sunil T. Jadhav	Chairperson
2	Mr. Sanjay P. Nimbalkar	Management Representative
3	Dr. Maheshkumar L. Mane	Coordinator
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6	Dr. Akshay B. Ghumare	Member
7	Dr. Prashant J. Gaikwad	Member
8	Dr. Rahul K. Deshmukh	Member
9	Mr. Jagannath M. Mali	Member
10	Mr. Bhausahab R. Divane	Administrative officer
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12	Dr. Ashok D. Mohekar	Industrialist
13	Mr. Deepak Huke	Alumni Representative
14	Mrs Anita Nawale	Local society member
15		Student Representative

BUSINESS

1. AQAR 2021-22 Submission
2. Review of different activities
3. Upgradation in ICT facility
4. Any other item with the permission to the chairman


IQAC Coordinator
S.G.R.G. Shinde Mahavidyalaya
Paranda, Dist. Osmanabad.




Principal
Shikshanmaharshi Guruvarya
R.G. Shinde Mahavidyalaya, Paranda

Date: 07/10/2022

Notice

A meeting of **IQAC is scheduled on 14/10/2022 at 11:30 am**, in the IQAC chamber, Shikshan Maharshi Guruvarya R. G. Shinde Mahavidyalaya, Paranda.

Kindly make it convenient to attend the said meeting on the date and time as mentioned above.

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Sr. No.	Name	Designation
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4	Dr. Vidyadhar V. Nalawade	Member
5	Mr. Santosh S. Kale	Member
6	Dr. Akshay B. Ghumare	Member
7	Dr. Prashant J. Gaikwad	Member
8	Dr. Rahul K. Deshmukh	Member
9	Mr. Jagannath M. Mali	Member
10	Mr. Bhausaheb R. Divane	Administrative officer
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13	Mr. Deepak Huke	Alumni Representative
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15		Student Representative

BUSINESS

1. AQAR 2021-22 Submission
2. Welcome and nomination of new IQAC members
3. Review of different committees and departmental activities
4. Conduction of certificate / Ad-on courses
5. Initiative regarding paperless IQAC
6. Physical Facility Upgradation
7. Any other item with the permission to the chairman


IQAC Coordinator
R.G.R.G. Shinde Mahavidyalaya
Paranda, Dist. Osmanabad.




Principal
Shikshanmaharshi Guruvarya
R.G. Shinde Mahavidyalaya, Paranda