



Rural Foundation Nandurbar Sanchalit,

SENIOR SCIENCE COLLEGE, AKKALKUWA

Tal. Akkalkuwa, Dist: Nandurbar- 425415

email-rfnsseniorscienceakk@gmail.com, (02567-252820)

Affiliated to Kavayitri Bahinabai Chaudhari North Maharashtra University, Jalgaon

CRITERION I : CURRICULAR ASPECTS

CURRICULUM DELIVERY

DIAGRAM FOR CURRICULUM DELIVERY

**1. COMMENCEMENT AND
CONCLUDING OF TERM**

2. ADMISSION PROCESS

3. TIME TABLE

4. TEACHING PLAN

5. EXAMINATION TIME-TABLE

**6. FEEDBACK ON TEACHING-
LEARNING**

**7. CO-CURRICULAR AND EXTRA
CURRICULAR**

**8. GRIEVANCE REDRESSAL
MECHANISM**

COMMENCEMENT AND CONCLUDING OF TERM



Rural Foundation, Nandurbar Sanchalit
SENIOR SCIENCE COLLEGE, AKKALKUWA
Tal. Akkalkuwa Dist. Nandurbar- 425415

NAAC Accredited with 'C' Grade

email-rfnseniorescienceakk@gmail.com

Affiliated to Kavayitri Bahinabai Chaudhari, North Maharashtra University, Jalgaon

Academic Calendar 2022-23

Subject: Academic calendar 2022-23 as per the guideline of UGC, Delhi and K.B.C. N.M.U., Jalgaon circular No. 33/2022.

Academic Session

Particular	Day	Date	Total days
First Semester	Monday	1 st August, 2022	140
	Sunday	18 th December, 2022	
Winter Holidays	Monday	19 th December, 2022	15
	Monday	2 nd January, 2023	
Second Semester	Tuesday	3 rd January, 2023	141
	Tuesday	23 rd May, 2023	
Semester Break	Wednesday	24 th May, 2023	40
	Sunday	02 nd July, 2023	

Next academic Session
2023-24 1st Semester

Monday

3rd July, 2023

2. ADMISSION PROCESS



माहिती पत्रक किंमत :- रुपये- 30/-

मुद्रक :- डिजिटल प्रिंटिंग - न्यू लकी प्रेस (ऑफसेट) अक्कलकुवा मो-9822223490

रुरल फाउंडेशन नंदुरबार संचालित

वरिष्ठ विज्ञान महाविद्यालय

अक्कलकुवा, जि. नंदुरबार- 425415
(क.ब.चौ.उत्तर महाराष्ट्र विद्यापीठ, जळगांव संलग्नित)
नवीन शैक्षणिक धोरण 2020 नुसार
(सन 2023-2024)

माहिती-पत्रक

व

प्रवेश अर्ज

फोन नं.- 02566- 252220
E-mail-ID :- rfnseniorescienceakk@gmail.com
Website- www.rfnsience.org


* प्राचार्य *

प्रा.डॉ. सी. पी. सारवंत
(एल.एससी. पीएच. डी.)

3. TIME TABLE


Rural Foundation's Nandurbar Sanchalit Senior Science College, Akkalkuwa T.Y.B.Sc. (Chemistry) Time Table 2023-24						
Time	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
07:00 – 08:00	Audit Course (VC)	Audit Course (VC)	-	-	-	-
08:00 – 09:00	Industrial Chemistry (VSP)	Inorganic Chemistry (GMS)	Organic Chemistry (CPS)	Analytical Chemistry (GMS)	Physical Chemistry (BNP)	Green/Polymer Chemistry (VSP)
09:00 – 10:00	Inorganic Chemistry (GMS)	Industrial Chemistry (VSP)	Green/Polymer Chemistry (VSP)	Analytical Chemistry (RSP)	Organic Chemistry (CPS)	Physical Chemistry (BNP)
10:00 – 10:15	RECESS					
10:15 – 11:15	Organic Chemistry (RSP)	Analytical Chemistry (BNP)	Physical Chemistry (BNP)	Inorganic Chemistry (GMS)	Industrial Chemistry (VSP)	Green/Polymer Chemistry (VSP)
Practical 11:15 – Onwards	Batch A – Phy (BNP)	Batch B – Phy (BNP)	Batch A – Org (VSP)	Batch B – Org (VSP)	Batch A – InO (RSP)	Batch B – InO (GMS)

Faculty: – 1. Prof. Dr. C. P. Sawant (CPS) 2. Dr. Vijay S Patil (VSP) 3. Dr. Bharat N Patil (BNP)
4. Mr. Gopal M Shende (GMS) 5. Mr. Rajeshvarising S Padavi (RSP)
Librarian: – Mr. Gotu K Surywanshi (GKS) Physical Director: – Mr. Vinish Chandran (VC)


Principal




Rural Foundation's Nandurbar Sanchalit Senior Science College, Akkalkuwa T.Y.B.Sc. (Chemistry) Time Table 2023-24						
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07:00 – 08:00	Audit Course (VC)	Audit Course (VC)	-	-	-	-
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10:15 – 11:15	Organic Chemistry (RSP)	Analytical Chemistry (BNP)	Physical Chemistry (BNP)	Inorganic Chemistry (GMS)	Industrial Chemistry (VSP)	Green/Polymer Chemistry (VSP)
Practical 11:15 – Onwards	Batch A – Phy (BNP)	Batch B – Phy (BNP)	Batch A – Org (VSP)	Batch B – Org (VSP)	Batch A – InO (RSP)	Batch B – InO (GMS)


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Principal

Rural Foundation's Nandurbar Sanchalit Senior Science College, Akkalkuwa F.Y.B.Sc. Time Table 2023-24						
Time	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
08:00 – 09:00	Zoology (MZS)	Zoology (MZS)	Chemistry (VSP)	Chemistry (VSP)	Zoology (MZS)	Zoology (MZS)
09:00 – 10:00	Botany (YAD)	Botany (YAD)	Chemistry (RSP)	Botany (VRJ)	Botany (VRJ)	Chemistry (RSP)
10:00 – 10:15	RECESS					
10:15 – 11:15	Geography (ACK)	Marathi/Eng (DDK)	Geography (ACK)	Geography (MDM)	Geography (MDM)	Marathi/Eng (DDK)
Practical 11:15 – Onwards	Batch A – ZOO (MZS) Batch B – BOT (VRJ)	Batch B – ZOO (MZS) Batch C – BOT (VRJ) Batch A – GEO(MDM) Batch D – CHE (RSP)	Batch C – ZOO (MZS) Batch D – GEO(MDM) Batch B – CHE (RSP)	Batch D – ZOO (MZS) Batch B – GEO (ACK) Batch A – CHE (RSP)	Batch C – GEO (ACK) Batch D – BOT (YAD)	Batch A – BOT (YAD) Batch C – CHE (BNP)

Chemistry Faculty: – 1. Prof. Dr. C. P. Sawant (CPS) 2. Dr. Vijay S Patil (VSP) 3. Dr. Bharat N Patil (BNP)
4. Mr. Gopal M Shende (GMS) 5. Mr. Rajeshvarising S Padavi (RSP)
Botany Faculty: – 1. Dr. Vinod R Jogdand (VRJ) 2. Dr. Yogesh A Dushing (YAD)
Geography Faculty: – 1. Dr. Ankush C Khobragade (ACK) 2. Dr. Manoj D Mudholkar (MDM)
Zoology Faculty: – 1. Dr. M Zuber Shaikh (MZS)
Language:- 1. Mr. Dahilu D Kokani (DDK)
Librarian: – 1. Mr. Gotu K Surywanshi (GKS) Physical Director: – 1. Mr. Vinish Chandran (VC)

1) Dr. Vijay shivaji Patil 
2) Dr. Vinod R Jogdand 
3) Dr. Ankush C. Khobragade 


Principal
Prof. Dr. C. P. Sawant
Rural Foundation Nandurbar Sanchalit
Senior Science College
Akkalkuwa, Dist. Nandurbar

4. TEACHING PLAN

अभ्यासक्रमाचे वार्षिक नियोजन/Annual Teaching Plan
2018-19- Sem-II
प्रत्येक महिन्यात उपलब्ध तासिका दर्शविणारा तक्ता
F.Y.B.Sc. S.Y.B.Sc.
विषय : P.I. - 200201 पेपरचे नाव व क्रमांक : P.I. - 200241 सही :
Subject P.I. - 200202 Name of paper & No. P.I. - 200242 Subject P.I. - 200243

महिना Month	Dec नोव्हेंबर November	Jan डिसेंबर December	Feb जानेवारी January	March फेब्रुवारी February	April मार्च March
F.Y.B.Sc.					
P-I	1,2,3	4,5,6	7-8	Exam, Int. Due etc.	
P-II	1	2	3		
P-III	1	2	3-4	4	Exam, Due, etc.
Evaluation CA	-	Sem	Assi	Test	
S.Y.B.Sc.					
P-I	1,2	3,4	4	5	5 etc.
P-II	1,2,3	4	5,6,7	8,9,10	Exam etc.
P-III	1,2	3,4	5,6,7	8,9	Exam
CA	-	Assi	Sem	Test	Exam

RFNS, Senior Science College, Akalkuwa
Department of Botany

Teaching Plan
SEM-I
Bot. 101: Microbial Diversity, Algae & Fungi

Aims and Objectives:

- To study the diversity among Microbes.
- To study systematic, morphology and structure of Bacteria, Viruses, Algae and Fungi.
- To study the life cycle pattern of Bacteria, Viruses, Algae and Fungi.
- To study the useful and harmful activities of Bacteria, Viruses, Algae and Fungi.

Weekly Teaching Plan

Week	Lecture	Unit	Topics Covered	Activities
1	1	1	1.1 Introduction and main groups of microbes	
	2		1.2 Classification of microorganisms (R.H. Whittaker's five kingdom concept)	Assignment 1: Explain the five-kingdom classification with examples
2	3		2.1 Introduction, Discovery and Characteristics of Viruses	
	4		2.2 General morphology of viruses	Group Discussion: Are viruses living or nonliving?
	5		2.3 Nature of viruses (living and nonliving)	
3	6		2.4 Ultrastructure of viruses	
	7	2	2.5 DNA Virus (T-Phase) and RNA Virus (TMV)	Assignment 2: Compare and contrast DNA and RNA viruses.
4	8		2.6 Reproduction of Bacteriophage: Lytic and Lysogenic cycle	
	9		2.7 Economic Importance	Group Discussion: Impact of viruses on agriculture and medicine
	10		2.8 Plant diseases caused by viruses	
5	11		Plant diseases continued	Assignment 3: Detailed study on Yellow vein mosaic disease of Lady's finger
	12		3.1 Introduction, discovery and General Characters	
6	13		3.2 Classification of Bacteria based on morphology	
	14		3.3 Structure of Bacterial Cell	



Academic Year 2023-24

Teaching Plan

Dr. Vijay Shivaji Patil

Department of Chemistry

Semester I						
Month	F.Y.B.Sc		T.Y.B.Sc			
	CH-101	Evaluation	CH-504	CH-506(B)	CH-509	Evaluation
	Unit		Unit	Unit	Practical	
July-2023	1	-	1	1	1,2	-
Aug-2023	2	Test/Assign	2,	2	3,4,5	Test/Assign
Sep-2023	3	Test/Assign	3, 4	3	6,7,8	Test/Assign
Oct-2023	4, 5	Test/Assign	4, 5	3,4	9,10	Test/Assign
Nov-2023	5	Test/Assign	5	5	-	Test/Assign
Dec-2023	University Exam/ Remedial Coaching/Exam duties					



5. EXAMINATION

Date: 18/03/23


R.F.N.S, Senior Science College Akkalkuwa, Dist.: Nandurbar
Internal Exam March, 2023
Schedule for F.Y.B.Sc., S.Y.B.Sc. and T.Y.B.Sc. Class

It is inform to all F.Y.B.Sc., S.Y.B.Sc. and T.Y.B.Sc. Students, that their semester second internal examination is going to start from 27 March 2023. They are supposed to be present online exam on the given time if they are able to present in examination their evaluation will be pending and that can affect in declaring their result.

DATE	TIME	CLASS	SUBJECT
27/03/2023	08.00 am to 09.00 am	F.Y.B.Sc.	ZOO-201 Vertebrate Zoology
		S.Y.B.Sc.	ZOO-401 Genetics/GG-401 Human Geography
		T.Y.B.Sc.	CH-601 Principles of Physical Chemistry-II
	09.30 am to 10.30 am	F.Y.B.Sc.	ZOO-202 Frog-The Chordate
		S.Y.B.Sc.	ZOO-402 Evolutionary Biology/GG-402 Socio-Economic Geography of Maharashtra
		T.Y.B.Sc.	CH-602 Chemistry of Inorganic Solids
28/03/2023	08.00 am to 09.00 am	F.Y.B.Sc.	CH-201 Physical & Inorganic Chemistry
		S.Y.B.Sc.	BOT-401 Plant Embryology
		T.Y.B.Sc.	CH-603 Spectroscopic Methods of Structure Determination
	09.30 am to 10.30 am	F.Y.B.Sc.	CH-202 Organic & Inorganic Chemistry
		S.Y.B.Sc.	BOT-402 Plant Metabolism
		T.Y.B.Sc.	CH-604 Chemistry of Industrially Important Products
29/03/2023	08.00 am to 09.00 am	F.Y.B.Sc.	BOT-201 Diversity of Higher Cryptogram
		S.Y.B.Sc.	CH-401 Physical & Inorganic Chemistry
		T.Y.B.Sc.	CH-605 Analytical Techniques
	09.30 am to 10.30 am	F.Y.B.Sc.	BOT-202 Taxonomy of Angiosperms
		S.Y.B.Sc.	CH-402 Organic & Inorganic Chemistry
		T.Y.B.Sc.	CH-606(A) Polymer Chemistry
31/03/2023	08.00 am to 09.00 am	F.Y.B.Sc.	Gg-201 Atmosphere
		S.Y.B.Sc.	Marathi: Vidhyan Katha ani Vidnyanpar Keshar English: Communication English
		T.Y.B.Sc.	CH-611 Yoga * Evaluation is based on Sports Camp. (For details contact to Mr. Vinish Chandran Sir)
	09.30 am to 10.30 am	F.Y.B.Sc.	Gg-202 Hydrosphere
		S.Y.B.Sc.	CH-404(SEC-II) Advance Analytical Chemistry
		F.Y.B.Sc.	85555- Environmental Science (For details contact to Asst. Prof. Dr. Jogdand Sir)









 Exam Coordinator
(Mr. Ankush C. Khobragade)
  Principal
(Prof. Dr. C.P. Sawant)

Principal
Rural Foundation Nandurbar Sanchalit
Senior Science College
Akkalkuwa, Dist. Nandurbar











Rural Foundations Nandurbar Sanchalit
Senior Science College, Akkalkuwa
2022-23

Class: S.Y.B.Sc. Subject: ZOO 301 Physiology Semester: I

Sr. No	Name of Student	Seminar/ Assignments Topic	Signature
1	Ahire Tejswini Kshemendra	Nerve: Structure of a neuron, Resting membrane potential, Graded potential, Origin of Action potential and its propagation in myelinated and non-myelinated nerve fibres	
2	Baloch Mohammad Parvez Mohammad Sharif	Muscle: Ultra-structure of skeletal muscle, Molecular and chemical basis of muscle contraction	
3	Jain Manish Ramesh	Digestion: Physiology of digestion in the alimentary canal; Absorption of carbohydrates, proteins, lipids	
4	Makrani Mushraff Mushtaque	Respiration: Pulmonary ventilation, Respiratory volumes and capacities, Transport of Oxygen and carbon dioxide in blood	
5	Nijami Ayaman Abdul Jamil	Excretion: Structure of nephron, Mechanism of Urine formation, Counter-current Mechanism	
6	Pathan Rizwan Khan Mumtaz Khan	Cardiovascular system: Composition of blood, Hemostasis, Structure of Heart, Origin and conduction of the cardiac impulse, Cardiac cycle	
7	Pawara Pinta Vasan Vasave Pintya Chomaryya	Reproduction: Physiology of male reproduction: hormonal control of spermatogenesis; Physiology of female reproduction: hormonal control of menstrual cycle.	
8	Solanki Sonam Shyam	Endocrine Glands: Structure and function of pituitary, thyroid, Parathyroid, pancreas and adrenal	

Rural Foundations Nandurbar Sanchalit
Senior Science College, Akkalkuwa
2022-23

Class: S.Y.B.Sc. Subject: ZOO 301 Physiology Semester: I

Sr. No	Name of Student	Seminar/ Assignments Topic	Signature
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3	Jain Manish Ramesh	Digestion: Physiology of digestion in the alimentary canal; Absorption of carbohydrates, proteins, lipids	
4	Makrani Mushraff Mushtaque	Respiration: Pulmonary ventilation, Respiratory volumes and capacities, Transport of Oxygen and carbon dioxide in blood	
5	Nijami Ayaman Abdul Jamil	Excretion: Structure of nephron, Mechanism of Urine formation, Counter-current Mechanism	
6	Pathan Rizwan Khan Mumtaz Khan	Cardiovascular system: Composition of blood, Hemostasis, Structure of Heart, Origin and conduction of the cardiac impulse, Cardiac cycle	
7	Pawara Pinta Vasan Vasave Pintya Chomaryya	Reproduction: Physiology of male reproduction: hormonal control of spermatogenesis; Physiology of female reproduction: hormonal control of menstrual cycle.	
8	Solanki Sonam Shyam	Endocrine Glands: Structure and function of pituitary, thyroid, Parathyroid, pancreas and adrenal	

6. FEEDBACK ON TEACHING-LEARNING

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Feedback form for Students
(QR Code)



 Rural Foundation Nandurbar Sanchalit,
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Feedback form for Alumni
(QR Code)



7. CO-CURRICULAR AND EXTRA CURRICULAR



8. GRIEVANCE REDRESSAL MECHANISM



Rural Foundation Nandurbar Sanchalit,
SENIOR SCIENCE COLLEGE, AKKALKUWA
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GRIEVANCE FORM

तक्रार अर्ज

(QR Code)



- Your Name will be kept confidential.
तुमचे नाव गोपनीय ठेवले जाईल.
- Scan this QR Code to register your complaints.
तुमच्या तक्रारी नोंदवण्यासाठी हा QR कोड स्कॅन करा.
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स्कॅन करण्यासाठी Google लेन्स/ QR कोड स्कॅनर/ मोबाईल कॅमेरा वापरा.