

# **DR. SARVEPALLI RADHAKRISHNAN GOVERNMENT ARTS COLLEGE**

**ACCREDITED WITH B+ BY NAAC  
&  
AFFILIATED TO PONDICHERRY UNIVERSITY  
PILLARAYA STREET  
YANAM -533 464**



## **ACADEMIC PLANNER 2022-2023**

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**ACADEMIC PLANNER**

**2022-2023**

**PERSONAL MEMORANDUM**

1. **NAME** :
2. **DEPARTMENT** :
3. **Year & Branch** :
4. **ROLL NUMBER** :
5. **EXAMINATION REG. NO** :
6. **DATE OF BIRTH** :
7. **BLOOD GROUP** :
8. **ADDRESS** :
  
- TELEPHONE** :
- Email** :
9. **ANY OTHER INFORMATION** :

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## Profile of the College

Dr. S.R.K. Government Arts College, Yanam was started during the academic year 1973-74. Named after Dr. Sarvepalli Radhakrishnan (1888-1975) who, as an academician, philosopher, and statesman, was one of the most recognized and influential Indian thinkers in academic circles in the 20th century. Radhakrishnan has been held up in academic circles as a representative for his lengthy writing career and his many published works have been most influential.

Education makes us think positively and to elevate dynamic spirit, enhance harmony of humanity and create cultural refinement for building better personality and for bettering the order of society or nation through acquisition of wisdom by inventive and creative power, to light hidden talents and intellectualism, and to bring out excellence to make individual not only complete but also perfect to show the prosperity and verdure of region. With focus on the knowledge-based economy, pioneering efforts are being undertaken by the college to exhibit the talents of our students.

The motto of this college *Education For Human Excellence* emphasizes the altruism that better education makes better mankind and better world through rightly educated and harmoniously developed persons who have love for freedom and values, respect for heritage and culture, inquisitiveness for discovery, invention and innovation, co-existence through tolerance, achievement of peace, progress and excellence through education.

Dr. Sarvepalli Radhakrishnan Government Arts and Science College will remain, in the times to come, the epicenter for promoting quality, improving academic standards and shaping a knowledge-driven economy.

## **COURSES OF STUDY**

### **UNDER-GRADUATE COURSES:**

1. B.A. Economics
2. B.Com.
3. B.Sc. Mathematics
4. B.Sc. Physics
5. B.Sc. Chemistry
6. B.Sc. Zoology
7. B.Sc. Computer Science.
8. B.Sc. Botany

### **POST-GRADUATE COURSES**

1. M.A. Economics
2. M.Com.
3. M.Sc. Chemistry
4. M.Sc. Zoology

<b>FACULTY</b>	
Dr. V. BHASKAR REDDY, M.A., M.Phil., Ph.D.	<b>PRINCIPAL</b>

<b>DEPARTMENT OF TELUGU</b>		
S.No	Faculty	Designation
1	Dr. V. BHASKAR REDDY, M.A., M. Phil., Ph.D.	ASSISTANT PROFESSOR & HOD
2	Dr. N. JHANSI RANI, M.A., M. Phil., Ph. D.	ASSISTANT PROFESSOR

<b>DEPARTMENT OF HINDI</b>		
S.No	Faculty	Designation
1	Dr. DHANANJAY SINGH, M.A., M.Phil., Ph.D.	ASSISTANT PROFESSOR & HOD

<b>DEPARTMENT OF ENGLISH</b>		
S.No	Faculty	Designation
1	Dr. K.M.K. CHAKRAVARTHY, M.A., M. Phil, Ph.D.	ASSISTANT PROFESSOR & HOD
2	Dr. C. NARESH M.A.,P.G.C.T.E., Ph.D.	ASSISTANT PROFESSOR

<b>DEPARTMENT OF COMMERCE</b>		
S.No	Faculty	Designation
1	Dr. YOGINDER SINGH, M.Com., M.B.A., Ph.D.	ASSISTANT PROFESSOR & HOD
2	Dr. R. UMA DEVI, M.Com., M. Phil., B.Ed., Ph.D., M.B.A.	ASSISTANT PROFESSOR
3	Smt. V. SRIDEVI, M.Com., M. Phil.	ASSISTANT PROFESSOR
4	Smt. Sk. KHWAJABI, M.Com., M. Phil.	ASSISTANT PROFESSOR
5	Smt. D. JAYABHARATHI, M.Com., M. Phil., B.Ed.	ASSISTANT PROFESSOR (Consolidated)
6	Sri B.VEERABHADRA RAO, M.Com., M. Phil.	ASSISTANT PROFESSOR (Consolidated)

<b>DEPARTMENT OF ECONOMICS</b>		
<b>S.No</b>	<b>Faculty</b>	<b>Designation</b>
1	Dr. K. PRASAD, M.A, M. Phil., Ph.D.	ASSISTANT PROFESSOR & HOD
2	Sri T. MUTYALU, M.A., M. Phil.	ASSISTANT PROFESSOR
3	Dr. T. SUBBALAKSHMI M.A., M.Phil., Ph.D.	ASSISTANT PROFESSOR

<b>DEPARTMENT OF HISTORY</b>		
<b>S.No</b>	<b>Faculty</b>	<b>Designation</b>
1	Dr. T. PRASAD RAO M.A., Ph.D.	ASSISTANT PROFESSOR & HOD

<b>DEPARTMENT OF POLITICAL SCIENCE</b>		
<b>S.No</b>	<b>Faculty</b>	<b>Designation</b>
1	Sri. RAJESH KUMAR KARNA M.A., M.Phil.	ASSISTANT PROFESSOR & HOD

<b>DEPARTMENT OF MATHEMATICS</b>		
<b>S.No</b>	<b>Faculty</b>	<b>Designation</b>
1	Sri A.V.V.S. MURTHY, M.Sc., M. Phil., M. Tech.	ASSISTANT PROFESSOR & HOD
2	Sri G.G.H.K.S. PRABHAKAR, M.Sc., M. Phil., B.Ed.	ASSISTANT PROFESSOR
3	Dr. M. SUKUMAR M.Sc., Ph.D.	ASSISTANT PROFESSOR
4	Sri. M. SHANTHA RAJU M.Sc., M.Phil., M.Tech.	ASSISTANT PROFESSOR
5.	Dr. N. MAHESH BABU, M.Sc., B. Ed., M.Phil., Ph.D.	ASSISTANT PROFESSOR

<b>DEPARTMENT OF PHYSICS</b>		
<b>S.No</b>	<b>Faculty</b>	<b>Designation</b>
1	Sri. S. SRINIVAS M.Sc., M.Phil.	ASSISTANT PROFESSOR & HOD

<b>DEPARTMENT OF CHEMISTRY</b>		
<b>S.No</b>	<b>Faculty</b>	<b>Designation</b>
1	Sri R.V.V.SATYANARAYANA, M.Sc.	ASSOCIATE PROFESSOR & HOD
2	Dr. D. SANTI KUMAR, M.Sc., Ph.D.	ASSOCIATE PROFESSOR
3	Dr. D. PAUL BABU, M.Sc., Ph.D.	ASSOCIATE PROFESSOR
4	Dr. T. VENKATA SWAMY M.Sc., M.Phil., Ph.D.	ASSISTANT PROFESSOR

<b>DEPARTMENT OF ZOOLOGY</b>		
<b>S.No</b>	<b>Faculty</b>	<b>Designation</b>
1	Dr. P.MADHAVEELATHA, M.Sc., M. Phil., Ph.D.	ASSOCIATE PROFESSOR & HOD
2	Dr. K. SREELATHA, M.Sc., Ph.D., PGDCP	ASSOCIATE PROFESSOR
3	Dr. J. CHANDRA SEKHARA RAO, M.Sc., Ph.D.	ASSISTANT PROFESSOR
4.	Dr. NGANGBAM SARAT SINGH, M.Sc., Ph.D.	ASSISTANT PROFESSOR

<b>DEPARTMENT OF BOTANY</b>		
<b>S.No</b>	<b>Faculty</b>	<b>Designation</b>
1	Dr. J.V. SUDHAKAR M.Sc., M. Phil., Ph.D.	ASSISTANT PROFESSOR & HOD

<b>DEPARTMENT OF COMPUTER SCIENCE</b>		
<b>S.No</b>	<b>Faculty</b>	<b>Designation</b>
1	Sri K. SURYA PRAKASH, M.C.A., M. Phil.	ASSISTANT PROFESSOR & HOD
2	Smt. B. JYOTHI, M.C.A., M. Phil.	ASSISTANT PROFESSOR

<b>LIBRARY</b>		
<b>S.No</b>	<b>Faculty</b>	<b>Designation</b>
1	Dr. DHANANJAY SINGH, Assistant Professor of Hindi	In-charge



<b>DEPARTMENT OF PHYSICAL EDUCATION</b>		
<b>S.No</b>	<b>Faculty</b>	<b>Designation</b>
1	Sri. RAJESH KUMAR KARNA, Assistant Professor of Political Science	In-charge

<b>ADMINISTRATIVE STAFF</b>		
<b>S.No</b>	<b>Name of the Staff</b>	<b>Designation</b>
1	Sri. L.C. LOVA RAJU	SUPERINTENDENT
2	Smt. Ch. MANGA DEVI	ASSISTANT
3	Sri P. VISHNU MURTHY	U.D.C.
4	Smt. S. VIJAYA	S.K. Gr. III
5	Sri G. SRINIVASU	Stenographer (Gr. II) (D.R)
6	Smt. M. VARALAKSHMI	MTS (General)
7	Smt. B. SITARATNAM	MTS (General)
8	Smt. R. SAVITHRI	MTS (General)
9	Smt. N. SITA	MTS (General)
10	Sri. P. BHYRAVA RATNAM	MTS (General)
11	Sri. CH. NARASIMHA MURTHY	MTS (General)
12	Sri K. BABJI	MTS (Security)

**College Nodal Officers/ Coordinators for the Academic Year 2023-24**

<b>Sl. No.</b>	<b>Name of the Wing</b>	<b>Name of the Nodal Officer / Coordinator</b>	<b>Designation</b>
01	College Website	Dr. M. Sukumar	Asst. Prof. of Mathematics
02	OASIS, Examination & University related Students Grievances	Shri M. Santa Raju	Asst. Prof. of Mathematics
03	NAD/ABC & NSB	Dr. J Chandra Sekhara Rao	Asst. Prof. of Zoology
04	RUSA	Dr. J.V. Sudhakar	Asst. Prof. of Botany
05	IT Infrastructure & College Management System	Sri S. Srinivas	Asst. Prof. of Physics
06	Gem Portal	Dr. N. Mahesh Babu	Asst. Prof. of Mathematics
07	N.C.C	Dr. J Chandra Sekhara Rao	Asst. Prof. of Zoology
08	N.S.S Unit-I Program Officer & Red Ribbon Club	Dr. Ch. Naresh	Asst. Prof. of English
09	N.S.S Unit-II Program Officer	Sri S. Srinivas	Asst. Prof. of Physics
10	Community College	Shri.T.Mutyalu	Asst. Prof. of Economics
11	Secretary, Student Cooperative Society	Sri G.G.H.K.S. Prabhakar	Asst. Prof. of Mathematics
12	Persons with Disability Grievance Redressal Cell	Dr. Syed Khasim Sharif	Asst. Prof. Chemistry
13	N.E.P	Dr. D. Santi kumar	Asst. Prof. of Mathematics
14	Press Information Officer	Sri S. Srinivas	Asst. Prof. of Physics
15	Academic Planner	Sri R.V.V. Satyanarayana	Asso. Prof. of Chemistry
16	Student Council Advisor	Dr. K. Sreelatha	Asso. Prof. of Zoology
17	College Study Centre	Dr. T. Subba Lakshmi	Asst. Prof. of Economics

**COLLEGE COMMITTEES FOR THE ACADEMIC YEAR 2023-2024**

Sl. No.	Name of the Committee	Name of the Co-Coordinator	Members
1.	IQAC	Dr. T. Prasad Rao	Dr. M. Sukumar
2.	Discipline & Anti Ragging	Sri R.V.V. Satyanarayana	All HODs
3.	Women Empowerment Cell	Dr. R. Uma Devi	Smt. V. Sridevi Smt. Shaik Khwajabi Dr. T. Subbalakshmi
4.	Career Counselling & Placement Cell	Dr. N. Mahesh Babu	Smt. B. Jyothi Sri S. Srinivas Dr. J. Chandra Sekhara Rao Dr. T. Prasad Rao
5.	Research Committee	Dr. D. Santi Kumar	Dr. R. Uma Devi Dr. J.V. Sudhakar Dr. Ch. Naresh Dr. T. Subbalakshmi
6.	SC/ST Rights	Dr. K. Prasad	Sri A.V.V.S. Murthy Smt. B. Jyothi Dr. T. Subbalakshmi
7.	Literary, Cultural & Fine Arts Club	Dr. Ch. Naresh	Dr. Dhananjay Singh Dr. N. Mahesh Babu
8.	Eco Club & Waste Management	Dr. J.V. Sudhakar	Dr. J. Chandra Sekhara Rao Dr. Ch. Naresh Sri S. Srinivas Dr. Dhananjay Singh
9.	Alumni Association	Sri T. Mutyalu	Sri K. Surya Prakash Dr. K. Prasad Shri G.G.H.K.S Prabhakar Smt. Shaik Khwajabi Dr. T. Subbalakshmi
11.	Cultural & Fine Arts	Dr. N. Jhansi Rani	Shri G.G.H.K.S Prabhakar Dr. Dhananjay Singh
12.	Ek Baharath Shresta Bharath Club	Dr. Yoginder Singh	Dr. M. Sukumar Dr. Dhananjay Singh Dr. T. Prasad Rao
13.	N.A.A.C	Dr. K Sreelatha	Smt.V Sri Devi Shri M. Santa Raju Dr.T Prasada Rao Dr. J. Chandra Sekhara Rao Dr. J.V. Sudhakar Dr.Ch. Naresh Dr. T. Subbalakshmi

## PAYMENT OF FEES

The following fees are payable to the college by the UG students ( subject to change)

S.NO	Name of the Fees	Amount (RS.)
1	Tuition fee (Residents)	200
2	Tuition fee (non-residents)	500
3	Athletic Association	150
4	College day	150
5	College magazine	75
6	Department Association/ Students Development Fund	100
7	College calendar	50
8	Reading room/Library	25
9	Admission fee (on admission only)	10
10	Laboratory fee (for Science Group)	100
11	Fine Arts Association	50
12	Stationery fee/Test and Examination	75
13	Caution Money Deposit	100
14	Laboratory fees (for Computer Science Only)	300
15	Identity Card	75
16	Group Insurance	100
17	College Maintenance Fess	100
18	Matriculation Fees	100
<b>Recognition Fees</b>		
19	Higher Secondary Examination Conducted by Tamilnadu/ Intermediate Conducted by Govt. Of AP/ PREDEGREE Examination Conducted by Calicut University	200
	Any other examination conducted by accredited bodies/ universities in India	500
20	Registration Fees	40
21	Athletic association	150
22	University development fees	50

The following fees are payable to the college by the PG students ( subject to change)

S.NO	Name of the Fees	Amount
1	<b>Admission Fees</b>	<b>10</b>
2	College calendar	<b>50</b>
3	<b>Medical Inspection</b>	<b>10</b>
4	<b>Laboratory Fees</b>	<b>60</b>
5	<b>Reading Room</b>	<b>10</b>

<b>6</b>	<b>Athletic association</b>	<b>100</b>
<b>7</b>	<b>College Magazine</b>	<b>100</b>
<b>8</b>	<b>College Day</b>	<b>100</b>
<b>9</b>	<b>College development fees</b>	<b>100</b>
<b>10</b>	<b>Fine Arts Association</b>	<b>100</b>
<b>11</b>	<b>Stationary fees</b>	<b>100</b>
<b>12</b>	<b>Medical assistance Fund</b>	<b>10</b>
<b>13</b>	<b>Identity card</b>	<b>100</b>
<b>14</b>	<b>Caution money deposit</b>	<b>75</b>
<b>15</b>	<b>College Union</b>	<b>20</b>
<b>16</b>	<b>Department Curriculum promotion fees</b>	<b>100</b>
<b>17</b>	<b>Students welfare fund</b>	<b>100</b>
<b>18</b>	<b>Alumni association</b>	<b>100</b>
<b>19</b>	<b>Parents Teacher Association</b>	<b>100</b>
<b>20</b>	<b>Cooperative stores</b>	<b>110</b>
<b>21</b>	<b>Registration fees</b>	<b>60</b>
<b>22</b>	<b>University development fund</b>	<b>50</b>
<b>23</b>	<b>Athletic association</b>	<b>25</b>
<b>24</b>	<b>Tuition fees ( Non-residents)</b>	<b>250</b>

NOTE: If a student, after joining the Course of Study, leaves the college during the term he/she shall have no right to claim a refund of any portion of the fees remitted except caution deposit.

The Special Fees for each year are payable not later than the fifteenth working day of the beginning of each academic year.

If the student fails to pay the Special Fees on the day stipulated for payment, he/she will have to pay a fine of Re.1.00 per day and if the fees are not paid within another 10 working days the student's name will be struck off the rolls. If re-admitted he must in addition to the fees and fines, due, he/she has to pay Re-admission Fee of Rs.2.00 at the discretion of the Principal.

NOTE: No refreshments will be supplied to the students from the special fees collected on any occasion including the college day, sports day, etc.

## **RULES OF ATTENDANCE AND LEAVE OF ABSENCE**

1. Each student shall be in his/her place in the class punctually during the periods of Lecture, Practical, etc.
2. Attendance will be taken for every period of work and absence during anyone period in a session will be treated as absence for that session.
3. No student shall be absent without furnishing a written request for leave. Application for leave must be made in advance and addressed to the Head of the Department in the following form.

**(1) Name of the student :**

**(2) Class with main subject :**

**(3) Roll number :**

**(4) Period of leave :**

**(5) Reason for leave :**

**(6) Signature of the Parent/Guardian**

**(7) Signature of the Student**

**(8) Date of Application :**

**(9) Remarks of the H.O.D.**

4. Leave applications must always be submitted to the H.O.D. in advance. If the absence is due to some unforeseen circumstances, the application for leave of absence must be submitted at the earliest possible. In case of sickness extending more than three days, medical certificate must be produced.
5. If a student absents himself/herself for ten days without leave letter, his/her name will be struck off the rolls.
6. The H.O.D. can grant leave up to three days. Beyond that, the Principal, on the recommendation of the H.O.D., will grant further leave. Letters so granted shall be filed by the Department and will be

considered for condonation of shortage of attendance within the permissible limits for the final Examination as per the Rules of the Pondicherry University.

## **ISSUE OF CERTIFICATES**

1. College office hours for students: 11.45 a.m. to 12.15 p.m. and 3.00 p.m. to 4.00 p.m.
2. On requisition with relevant particulars, indicating the Course of Study, Date of Birth, Subject taken etc., Study Certificate/Course Certificate will be issued to the students for a specified genuine purpose. Applications in this regard should be made at least two days in advance.
3. Those who left the college will not be given these Certificates. They may use the Transfer and Conduct Certificates issued by the college.
4. Students who apply for the Transfer and Conduct Certificates for the first time within a period of one year after leaving the college will be given the Certificates free of cost. Those who apply for such certificates after the lapse of one year from the date on which they left the college have to pay a penal fee of Rs: 4/- for such Certificates.
5. Students who apply for a duplicate Transfer and/or Conduct Certificates within a period of one year after leaving the college will be given the certificates on payment of Rs.100/-.
6. Certificates will not be issued at less than 48 hours' notice.

## **RULES OF DISCIPLINE**

1. The Principal of the College shall have complete power for the maintenance of discipline of the college. He may frame and issue from time to time disciplinary rules of a temporary or permanent character, regulating the conduct of the students within or outside the campus of the College.
2. The Principal may initiate disciplinary action against errant students. These would include fine, suspension, withholding of term certificates, and expulsion and rustication. The orders of the Principal in this regard shall be final.
3. The Principal will ordinarily communicate wherever necessary with the parents/guardians of the students who are academically backward, who do not show any improvement, whose attendance is irregular or whose conduct is unsatisfactory. Students found incorrigible even after warning, may be rusticated.
4. Students of the college going on strike in any manner and indulging in acts of indiscipline and acts that may lead to disruption of work in the institutions shall be liable for forfeiture of their scholarships, fee concessions etc., besides being punished by the Principal.
5. Petitions/Complaints from individuals or groups to any higher authority must be submitted through the Principal only.

## CONDUCT AND BEHAVIOR

1. Each student must attend the college decently dressed. ID cards must be carried at all times.
2. At the first bell announcing the commencement of sessions (9.25 a.m. & 1.25 p.m.), students should be seated in their respective class rooms.
3. On the teacher entering the class room, the students shall rise and remain standing till they are asked to sit or till the teacher takes his/her seat.
4. Every student must obey the teachers and respectfully carry out their instructions. The students shall observe politeness towards the non-teaching staff of the college and behave decorously with his/her fellow students.
5. No student shall leave the class room or laboratory without the teacher's permission or till the teacher leaves the room.
6. Students must observe strict silence in the classes and listen to the lectures attentively, without distracting the attention of others.
7. Students must move silently while changing their class room. They must also remain silent during the interval between a teacher finishing his/her classes and leaving and the next teacher entering to engage the period.
8. Students are forbidden from making any kind of noise in the form of small or large groups in the corridors or vicinity of class rooms where teaching is in progress or from disturbing the classes in any manner. Students having no classes must remain quiet and spend the time in the library/reading room.
9. Students are expected to be present in their class rooms or laboratories at the appointed hours.
10. Every student is expected to provide himself/herself with all the necessary text-books and note books. Science students must bring their observation note-book to the practical sessions and submit their fair record note-books regularly on the appointed dates. Failure to do so may entail his/her losing the day's practical work.
11. Every student should care for every property of the college and refrain from indulging in any activity that may damage the college property. Every student to whom books or any other college property are entrusted will be held responsible for their preservation in good condition and in the event of their being lost they will be required to replace them or pay their cost. Any student breaking or damaging any college property will be required to pay the cost of repair or replacements in case of willful damage, and he/she will also be punished in such manner as the Principal may deem fit.
12. Smoking/Consumption of alcohol /Use of tobacco products within the college premises are strictly prohibited.



13. Students are prohibited from organizing any meeting or entertainment programmes or collecting money in the college for any purpose without the permission of the Principal.
14. Students guilty of going over to other Colleges and Institutions to indulge in any kind of indiscipline such as organizing demonstration and strikes would be deemed especially culpable and would be punished accordingly.
15. Students shall not hold any meetings for criticizing the conduct of the University or the College Authorities. Such meetings shall be deemed unlawful and the Principal may take action in order to prohibit or punish and in case he considers it very seriously, he may report the matter to the University for rustication.
16. Ragging and Eve teasing are punishable offences. Any such case shall immediately be brought to the notice of the Principal/Anti-ragging committee/Anti-Eve-Teasing Committee/Discipline Committee/HODs/Faculty. Such offences will be strictly dealt with as per the rules of the Government of Puducherry. Students being ragged can send e-mails to [helpline@antiragging.in](mailto:helpline@antiragging.in) to register their complaint, which can be done without disclosing the names of the victims. The toll free helpline for ragging cases is 1800-180-5522.
17. The name of the College or its authorities shall not be used in any publications or in any manner without the permission of the Principal.
18. No class or group of students should engage themselves in any public activity, even one of a purely social nature, without the Principal's permission.
19. Students should refrain from participating in party or communal politics.
20. Students are expected to read the notices /circulars put up regularly on the notice board.
21. No notice which does not have the approval of the Principal shall be circulated or displayed on the notice board.
22. Students are warned against bringing cash and/or valuable articles to the college.
23. Use of cell phones is restricted in the college campus. In case of exigencies warranting the students to bring them, they must be switched off/put in silent mode inside the class. College administration will in no way be responsible for any cybercrimes/misuse by the students. During the University Examinations, their very presence will be viewed seriously and will be dealt with as per rules.
24. Outgoing UG/PG students are to obtain their Transfer Certificate /Conduct Certificate as well as Marks Statements, if any, within one month from the last working day of VI semester /IV semester failing which a fine of Rs .100/- per year will be levied for every additional year.

## **LIBRARY RULES**

1. The Library is open to all the students of the College.
2. No student will be allowed inside the Stock Room.
3. The Library is open on all working days, including vacation from 9.00 am to 4.30 pm. It is closed on Saturdays and Sundays and other authorized holidays.
4. As the library is intended for the purpose of reading and serious study, silence must be strictly observed at all times. Students using library and reading room are prohibited from engaging in conversation or conducting themselves in any manner intended to disturb or distract the attention of others. Failure to observe this rule will result in cancellation of library facilities for the offender besides disciplinary action being taken.
5. Unauthorised removal of books and periodicals from the Library or Reading Room or damage to them will be severely dealt with.
6. No person shall write upon or make any marks, tear off pages from in any book or periodical belonging to the Library or Reading Room. Books so disfigured or mutilated will have to be replaced by the user with the new books.
7. Readers shall be responsible for damage or injury done/imposed thereon to the books, periodicals and other Library property and shall be required to replace such items or pay the value thereof besides a heavy fine.
8. Date labels and packets in books shall not be tampered with in any manner.
9. Each student is entitled to borrow two books at a time from the library. A book will be sent to a student only in exchange for one of his tickets which will be handed over to the student when he/she returns the books. Tickets are not transferable. If a ticket is lost, the matter should immediately be reported in writing to the Librarian. A duplicate ticket will be issued on payment of a fine of Rs.15, on or before the fifteenth day after the submission of application. During this period the member should attempt to trace and recover the ticket and he/she should report the result of his/her endeavours.
10. Books are normally issued on loan for one week. A student who fails to return the book on the due date will be fined One Rupee per working day till the book is returned. Prolonged failure to return a book will be reported to the Principal who will take necessary action.
11. No Transfer or Conduct Certificate will be issued to the student until all the books borrowed and tickets have been returned and any other dues outstanding against him/her are discharged.
12. Students are prohibited from passing the books issued to them from one to another and lending the

books to persons not concerned with the college. The original borrower himself/herself will be held solely responsible for any loss or damage caused to books and periodicals if he/she violates the regulations.

13. Students are not allowed to enter the Library or Reading Room with their books or any other printed matter. They will leave such items at the Counter or at the Entrance of the Library.

14. Dictionaries and any other books declared reference books will not be loaned out. They may be consulted only within the library.

15. No books shall be issued which in the opinion of the Librarian is not in good condition to be safely handled by the borrower.

16. In case of the books for which there is exceptional demand, the period of loan may be reduced to seven days.

17. The Librarian may recall any book at any time even if the period of loan has not expired.

18. The borrower of the book may be renewed for a further period of 15 days provided that, -

(i) No other member has applied for this book in the mean while.

(ii) Not more than three consecutive renewals are made for the same book.

19. Any loss of books or magazines by the borrower shall be reported to the Principal and replacement shall be made within a period of one month at the latest. If no replacement is made within the above period, four times the cost of the books/magazines/periodicals shall be recovered from the borrower concerned.

## **CO-CURRICULAR ACTIVITIES**

### **NATIONAL CADET CORPS**

In order to instill discipline, regularity, punctuality and a sense of honor and pride in the young minds, the College offers training under the National Cadet Corps – Army Wing.

### **NATIONAL SERVICE SCHEME**

To motivate social conduct and to inculcate discipline and service to the society, the students are enrolled as volunteers in National Service Scheme. They carry out the activities like blood donation, tree plantation, anti-pollution campaign, campus cleaning, AIDS awareness programmes etc.

### **PHYSICAL EDUCATION**

It helps the students to build up the team and competitive spirit. It provides training and practice to the students to represent State, National and International level events in Games and Sports. It is mandatory for the students to participate in Sports/Games.

### **RED RIBBON CLUB**

It is functioning from 2011-12 with the objective of creating awareness about AIDS & importance of blood donation among students.

### **NETWORK RESOURCE CENTRE**

UGC has sanctioned Network Resource Centre in its 10<sup>th</sup> plan period. The Centre is one meant for computer knowledge and its use in Academic activities like Finance Management, Examination Process, Administration and Research. The Centre not only disseminates knowledge in stored form but also through internet connectivity. It helps to widen the knowledge in all subjects through multimedia.

### **EMPLOYMENT INFORMATION AND GUIDANCE BUREAU**

This cell is functioning with the objectives of providing counselling and guidance to students regarding career options.

### **PLACEMENT CELL**

Campus interviews are arranged in cooperation with the industries which offer jobs to fresh graduates. An environment information and guidance bureau are set up with a view to providing the students with information regarding employment opportunities, competitive examinations, scholarship and other facilities meant for the students.

### **SCHEME OF UNIVERSITY EXAMINATIONS FOR U.G. COURSES (CBCS Pattern 2017-18 onwards)**

Choice Based Credit System (CBCS) is being implemented from the Academic Year 2017-18. The Syllabi given below are both for all the students pursuing UG course from 2017-18 onwards. External

examinations are held at the ending of each semester. Internal assessment is there in every course and it carries 25% of the total.

## **Ability Enhancement Compulsory Course(AECC – Environment Studies)**

### **INTRODUCTION TO PUBLIC ADMINISTRATION**

**(For all branches in I Semester)**

Instruction Method: Lectures and seminars

Evaluation Method: Written Tests

Course duration : One Semester(Two Credits)

Contact Hours :2 per week

### **Course Rationale**

This Course introduces the students to the elements of public administration. This would help them obtain a conceptual perspective on Public Administration. In addition, the Course introduces to students the growth of institutional devices to meet the changing times. The Course also aims to emphasize the need for ethical seriousness in contemporary Indian public Administration within the Constitutional framework.

#### **1. Introduction:**

Meaning, Nature and Scope of Public Administration and its relationship with other disciplines- Evolution of Public Administration as a discipline – Woodrow Wilson, Henry Fayol , Max Weber and others - Evolution of Public Administration in India – Artha shastra – Colonial Administration up to 1947.

#### **2. Public Administration in India**

Enactment of Indian Constitution - Union Government – The Cabinet – Central Secretariat -- All India Services – Training of Civil Servants – UPSC – Niti Ayog – Statutory Bodies: The Central Vigilance Commission – CBI - National Human Rights Commission – National Women’s Commission –CAG.

#### **3. State and Union Territory Administration**

Differential Administrative Systems in Union Territories compared to States Organization of Secretariat: -Position of Chief Secretary, Functions and Structure of Departments, Directorates – Ministry of Home Affairs supervision of Union Territory Administration – Position of Lt.Governor in UT–Government of Union Territories Act 1963 – Changing trend in UT Administration in Puducherry and Andaman and Nicobar Islands.

#### **4. Emerging Issues in Indian Public Administration**

Changing Role of District Collector – Civil Servants – Politicians relationship Citizens Charter - Public Grievance Redressal mechanisms -- The RTI Act 2005 – Social Auditing and Decentralization – Public Private Partnership.

### **References:**

- 1.A. R. Tyagi, Public Administration, Atma ram sons, New Delhi, 1983.
2. Appleby P.H, Policy and Administration, The University of Alabama Press, Alabama, 1949.
3. Avasthi and Maheswari, Public Administration in India, Agra: Lakshmi Narain Agarwal, 2013
4. Gerald.E. Caden. Public Administration. Pablidas Publishers, California, 1982.1
5. <http://cic.gov.in/>
6. <http://www.mha.nic.in/>
7. <http://rti.gov.in/>
8. <http://www.cvc.nic.in/>
9. R.B. Jain, Public Administration in India, 21<sup>st</sup> Century Challenges for Good Governance, New Delhi: Deep and Deep, 2002
10. Ramesh K Arora, Indian Public Administration, New Delhi: Wishwa Prakashan
11. Ramesh K. Arora. Public Administration, Fresh Perspective. Alekh publishers, Jaipur.
12. Rumki Basu, Public Administration: Concept and Theories, New Delhi: Sterling, 2013

### **Ability Enhancement Compulsory Course (AECC – Environment Studies) (For all branches in II Semester)**

Instruction Method: Lectures and seminars  
Evaluation Method: Written Tests

Course duration : One Semester (Two Credits)  
Contact Hours : 2 per week

#### **Unit 1: Introduction to Environmental Studies**

γ Multidisciplinary nature of Environmental Studies;

Υ Scope and importance; Concept of sustainability and sustainable development.  
(2 lectures)

## **Unit 2: Ecosystems**

Υ What is an ecosystem? Structure and function of ecosystem; Energy flow in an ecosystem: food chains, food webs and ecological succession. Case studies of the following ecosystems:  
a) Forest ecosystem  
b) Grassland ecosystem  
c) Desert ecosystem  
d) Aquatic ecosystems (ponds, streams, lakes, rivers, oceans, estuaries)  
(6 lectures)

## **Unit 3: Natural Resources: Renewable and Non-renewable Resources**

Υ Land resources and land use change; Land degradation, soil erosion and desertification.  
Υ Deforestation: Causes and impacts due to mining, dam building on environment, forests, biodiversity and tribal populations.  
Υ Water: Use and over-exploitation of surface and ground water, floods, droughts, conflicts over water (international & inter-state).  
Υ Energy resources: Renewable and non-renewable energy sources, use of alternate energy sources, growing energy needs, case studies.  
(8 lectures)

## **Unit 4: Biodiversity and Conservation**

Υ Levels of biological diversity: genetic, species and ecosystem diversity; Bio-geographic zones of India; Biodiversity patterns and global biodiversity hot spots  
Υ India as a mega-biodiversity nation; Endangered and endemic species of India  
Υ Threats to biodiversity: Habitat loss, poaching of wildlife, man-wildlife conflicts, biological invasions; Conservation of biodiversity : In-situ and Ex-situ conservation of biodiversity.  
Υ Ecosystem and biodiversity services: Ecological, economic, social, ethical, aesthetic and Informational value.  
(8 lectures)

## **Unit 5: Environmental Pollution**

Υ Environmental pollution: types, causes, effects and controls; Air, water, soil and noise pollution  
Υ Nuclear hazards and human health risks  
Υ Solid waste management: Control measures of urban and industrial waste.  
Υ Pollution case studies  
(8 lectures)

## **Unit 6: Environmental Policies & Practices**

Y Climate change, global warming, ozone layer depletion, acid rain and impacts on human communities and agriculture

Y Environment Laws: Environment Protection Act; Air (Prevention & Control of Pollution) Act; Water (Prevention and control of Pollution) Act; Wildlife Protection Act; Forest Conservation Act. International agreements: Montreal and Kyoto protocols and Convention on Biological Diversity (CBD).

Y Nature reserves, tribal populations and rights, and human wildlife conflicts in Indian context.

(7 lectures)

## **Unit 7: Human Communities and the Environment**

Y Human population growth: Impacts on environment, human health and welfare.

Y Resettlement and rehabilitation of project affected persons; case studies.

Y Disaster management: floods, earthquake, cyclones and landslides.

Y Environmental movements: Chipko, Silent valley, Bishnois of Rajasthan.

Y Environmental ethics: Role of Indian and other religions and cultures in environmental conservation.

Y Environmental communication and public awareness, case studies (e.g., CNG vehicles in Delhi)

(6 lectures)

## **Unit 8: Field work**

Y Visit to an area to document environmental assets: river/ forest/ flora/fauna, etc.

Y Visit to a local polluted site-Urban/Rural/Industrial/Agricultural

Y Study of common plants, insects, birds and basic principles of identification

Y Study of simple ecosystems-pond, river, Delhi Ridge, etc

(Equal to 5 lectures)

## **Suggested Readings:**

1. Carson, R. 2002. *Silent Spring*. Houghton Mifflin Harcourt
2. Gadgil, M., & Guha, R. 1993. *This Fissured Land: An Ecological History of India*. Univ. of California Press
3. Gleeson, B. and Low, N. (eds.) 1999. *Global Ethics and Environment*, London, Routledge.
4. Gleick, P. H. 1993. *Water in Crisis*. Pacific Institute for Studies in Dev., Environment & Security. Stockholm Env. Institute, Oxford Univ. Press
5. Groom, Martha J., Gary K. Meffe, and Carl Ronald Carroll. *Principles of Conservation Biology*. Sunderland: Sinauer Associates, 2006.
6. Grumbine, R. Edward, and Pandit, M.K. 2013. Threats from India's Himalaya dams. *Science*, 339: 36-37.
7. McCully, P. 1996. *Rivers no more: the environmental effects of dams* (pp. 29-64). Zed Books.



8. McNeill, John R. 2000. *Something New Under the Sun: An Environmental History of the Twentieth Century*.
9. Odum, E.P., Odum, H.T. & Andrews, J. 1971. *Fundamentals of Ecology*. Philadelphia: Saunders.
10. Pepper, I.L., Gerba, C.P. & Brusseau, M.L. 2011. *Environmental and Pollution Science*. Academic Press.
11. Rao, M.N. & Datta, A.K. 1987. *Waste Water Treatment*. Oxford and IBH Publishing Co. Pvt. Ltd.
12. Raven, P.H., Hassenzahl, D.M. & Berg, L.R. 2012. *Environment*. 8th edition. John Wiley & Sons.
13. Rosencranz, A., Divan, S., & Noble, M. L. 2001. *Environmental law and policy in India*. Tripathi 1992.
14. Sengupta, R. 2003. *Ecology and economics: An approach to sustainable development*. OUP.
15. Singh, J.S., Singh, S.P. and Gupta, S.R. 2014. *Ecology, Environmental Science and Conservation*. S. Chand Publishing, New Delhi.
16. Sodhi, N.S., Gibson, L. & Raven, P.H. (eds). 2013. *Conservation Biology: Voices from the Tropics*. John Wiley & Sons.
17. Thapar, V. 1998. *Land of the Tiger: A Natural History of the Indian Subcontinent*.
18. Warren, C. E. 1971. *Biology and Water Pollution Control*. WB Saunders.
19. Wilson, E. O. 2006. *The Creation: An appeal to save life on earth*. New York: Norton.
20. World Commission on Environment and Development. 1987. *Our Common Future*. Oxford University Press.

## Course Structure for UG

### B.A. Branch-II Economics (Batch 2017-18)

1. Of the Allied papers listed below in semesters I, II, V&VI, any one DSE (Discipline Specific Elective Course) paper may be selected and taught per semester based on available faculty specialisation.
2. Maximum number of credits to be earned by a student for the award of UG Programme Degree in Economics is 126.

#### SEMESTER I

Course Code	Name of the course	Main(M)/ Allied (A)/Foundation(F)/ Compulsory(C)	Credits
LTEL/LHIN111	Language – I	F	03
ENGL112	Functional English – I	F	03
ECON 111	Towards Understanding Economics	M	04
ECON 112	Statistical Methods I	M	04
<b>ECON S01</b>	<b>Economics of Social Sector and Environmental issues</b>	<b>A</b>	<b>03</b>
ECON S02	Population Studies	A	03
PADM 113	Public Administration	C	02

#### SEMESTER II

Course Code	Name of the course	Main(M)/ Allied (A)/Foundation(F)/ Compulsory(C)	Credits
LTEL/LHIN 121	Language – II	F	03
ENGL122	Functional English – II	F	03
ECON 121	Microeconomics I	M	04
ECON 122	Mathematics for Economists I	M	04
ECON S03	Environmental Economics	A	03
<b>ECON S04</b>	<b>Regional Economics</b>	<b>A</b>	<b>03</b>
ENVS 123	Environmental Studies	C	02

#### SEMESTER III

Course Code	Name of the course	Main(M)/ Allied (A)/Foundation(F)/ Compulsory(C)	Credits
LTEL/LHIN 231	Language – III	F	03
ENGL232	Functional English – III	F	03
ECON 231	Microeconomics II	M	04
ECON 232	Macroeconomics I	M	04
ECON 233	Statistical Methods II	M	04
ECON 234	Economics of Insurance	SEC-1	02

\*SEC: Skills Enhancement Course

**SEMESTER IV**

Course Code	Name of the course	Main(M)/ Allied (A)/Foundation(F)/ Compulsory(C)	Credits
LTEL/LHIN 241	Language – IV	F	03
ENGL242	Functional English – IV	F	03
ECON 241	Money and Banking Main	M	04
ECON 242	Macroeconomics II	M	04
ECON 243	Mathematics for Economists II	M	04
ECON 244	Economics of Insurance - Practice	SEC-2	02

**SEMESTER V**

Course Code	Name of the course	Main(M)/ Skills Enhancement Course (SEC)/ Generic Elective Course (GE) / Allied (A)/	Credits
ECON 351	International Economics I	M	04
ECON 352	Public Finance I	M	04
ECON 353	Basic Econometrics	M	04
ECON 354	Indian Economy I	M	04
ECON 355	Entrepreneurial Development	SEC-3	02
ECON 356	Gender Studies	GE	03
ECON S05	Development Economics	A	03
<b>ECON S06</b>	<b>Human Resource Management</b>	<b>A</b>	<b>03</b>
<b>ECON S07</b>	<b>Society and Economy</b>	<b>A</b>	<b>30</b>

**SEMESTER VI**

Course Code	Name of the course	Main(M)/ Skills Enhancement Course (SEC)/ Generic Elective Course (GE) / Allied (A)/	Credits
ECON 361	International Economics II	M	04
ECON 362	Public Finance II	M	04
ECON 363	Indian Economy II	M	04
ECON 364	History of Economic Thought	M	04
ECON 365	Entrepreneurial Development- Practice	SEC-4	02
ECON S08	Indian Financial Institutions and Markets	A	03
ECON S09	Marketing	A	30
ECON 354	Indian Economy- I	GE-2	02

## B.Com General

- **AECC: Ability Enhancement Compulsory Course**
- **SEC: Skills Enhancement Course**
- **GE: Generic Elective Course**
- **DSC: Discipline Specific Course**
- **DSE: Discipline Specific Elective Course**

### SEMESTER I

Course Code	Name of the course	Foundation(F)/ DSC/AECC/SEC/DSE/GE	Credits (Lecture+Tutorial)
LTEL/LHIN 111	Language – I	F	03
ENGL112	English – I	F	03
BCGN 111	Financial Accounting	DSC-1 A	04+02
BCGN 112	Business Law	DSC-2 A	04+02
PADM 113	Public Administration	AECC-1	02

### Semester II

Course Code	Name of the course	Foundation(F)/ DSC/AECC/SEC/DSE/GE	Credits (Lecture+Tutorial)
LTEL/LHIN 121	Language – II	F	03
ENGL122	English – II	F	03
BCGN 121	Business Management	DSC-1 B	04+02
BCGN 122	Company Law	DSC-2 B	04+02
ENVS 123	Environmental Studies	AECC-2	02

### Semester III

Course Code	Name of the course	Foundation(F)/ DSC/AECC/SEC/DSE/GE	Credits (Lecture+Tutorial)
BCGN 231	Goods and Services Tax	DSC – 1C	04+02
BCGN 232	Business Statistics	DSC – 2C	04+02
BCGN 233	Management Accounting- I	DSC – 3C	04+02
BCGN 234	Communicative Skills	SEC - 1	02

### Semester IV

Course Code	Name of the course	Foundation(F)/	Credits
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		<b>DSC/AECC/SEC/DSE/GE</b>	<b>(Lecture+Tutorial)</b>
BCGN 241	Management Accounting - II	DSC – 1D	04+02
BCGN 242	Cost Accounting	DSC – 2D	04+02
BCGN 243	Income Tax	DSC – 3D	04+02
BCGN 244	Arithmetic Skills	SEC - 2	02

#### Semester V

<b>Course Code</b>	<b>Name of the course</b>	<b>Foundation(F)/ DSC/AECC/SEC/DSE/GE</b>	<b>Credits (Lecture+Tutorial)</b>
<b>BCGN 351</b>	<b>Computer Application Skills</b>	<b>SEC - 3</b>	<b>02</b>
BCGN 352	Financial Management	DSE – 1A	04+01
BCGN 353	Financial Market Operations	DSE – 2A	04+01
BCGN 354	Principles of Marketing	DSE – 3A	04+01
BCGN 355	Consumer Behaviour	DSE – 4A	04+01
BCGN 356	Corporate Accounting	DSE – 5A	04+01
<b>BCGN 357</b>	<b>Principles Of Micro Economics</b>	<b>GE - 1</b>	<b>03</b>

#### Semester VI

<b>Course Code</b>	<b>Name of the course</b>	<b>Foundation(F)/ DSC/AECC/SEC/DSE/GE</b>	<b>Credits (Lecture+Tutorial)</b>
<b>BCGN 361</b>	<b>Entrepreneurial Skills</b>	<b>SEC - 4</b>	<b>02</b>
BCGN 362	Bank Management	DSE – 1B	04+01
BCGN 363	Essentials Of E-Commerce	DSE – 2B	04+01
BCGN 364	Auditing	DSE – 3B	04+01
BCGN 365	Organizational Behaviour	DSE – 4B	04+01
BCGN 366	Human Resource Management	DSE – 5B	04+01
<b>BCGN 367</b>	<b>Indian Economy</b>	<b>GE - 2</b>	<b>03</b>

## B.Sc. Branch – I Mathematics

### SEMESTER I

Course Code	Name of the course	Foundation(F)/ DSC/AECC/SEC/DSE/GE	Credits (Lecture+Tutorial)
LTEL/LHIN 111	Language – I	F	03
ENGL112	English – I	F	03
MATH 111	Theory of Equations and Trigonometry	DSC-1 A	04+02
MATH 112	Differential Calculus	DSC-2 A	04+02
PADM 113	Public Administration	AECC-1	02

### SEMESTER II

Course Code	Name of the course	Foundation(F)/ DSC/AECC/SEC/DSE/GE	Credits (Lecture+Tutorial)
LTEL/LHIN 121	Language – II	F	03
ENGL122	English – II	F	03
MATH 121	Analytical Geometry – 3D	DSC-1 B	04+02
MATH 122	Integral Calculus	DSC-2 B	04+02
ENVS 123	Environmental Studies	AECC-2	02

### SEMESTER III

Course Code	Name of the course	Foundation(F)/ DSC/AECC/SEC/DSE/GE	Credits (Lecture+Tutorial)
LTEL/LHIN 231	Language – III	F	03
ENGL232	Functional English – III	F	03
MATH 231	Abstract Algebra	DSC – 1C	04+02
MATH 232	Real Analysis	DSC – 2C	04+02
MATH 234	Logic and Lattices	SEC - 1	02

### SEMESTER IV

Course Code	Name of the course	Foundation(F)/ DSC/AECC/SEC/DSE/GE	Credits (Lecture+Tutorial)
LTEL/LHIN 241	Language – IV	F	03
ENGL242	Functional English – IV	F	03
MATH 241	Linear Algebra	DSC – 1D	04+02
MATH 242	Real Analysis - II	DSC – 2D	04+02
MATH 243	Vector Calculus	SEC-2	02

**SEMESTER V**

Course Code	Name of the course	Foundation(F)/ DSC/AECC/SEC/DSE/GE	Credits (Lecture+Tutorial)
MATH 351	Programming Using SCILab - Practical	SEC - 3	02
MATH 352	Complex Analysis- I	DSE – 1A DSE – 2A DSE – 3A	04+01
MATH 353	Operation Research - I		04+01
MATH 354	Ordinary Differential Equations		04+01
MATH 355	Statics		04+01
MATH 356	Mathematical Statistics - I		04+01
MATH 357	Programming Using SCILab	GE - 1	03

**SEMESTER VI**

Course Code	Name of the course	Foundation(F)/ DSC/AECC/SEC/DSE/GE	Credits (Lecture+Tutorial)
MATH 361	Programming Lab in Numerical methods- Practicals	SEC - 4	02
MATH 362	Complex Analysis –II	DSE – 1B DSE – 2B DSE – 3B	04+01
MATH 363	Operation Research - II		04+01
MATH 364	Partial Differential Equations		04+01
MATH 365	Dynamics		04+01
MATH 366	Mathematical Statistics - II		04+01
MATH 367	Numerical Methods	GE - 2	03

**B.Sc.Branch – II Physics****SEMESTER I**

Course Code	Name of the course	Foundation(F)/ DSC/AECC/SEC/DSE/GE	Credits (Lecture+Practicals)
LTEL/LHIN 111	Language – I	F	03
ENGL112	English – I	F	03
PHYS 110	Physics Laboratory- I	-	02
PHYS 111	Mechanics of particles, rigid bodies and continuous media	DSC-1 A	03
PHYS 112	Kinetic theory and thermodynamics	DSC-2 A	03
	Mathematics – I		04
PADM 113	Public Administration	AECC-1	02

**SEMESTER II**

Course Code	Name of the course	Foundation(F)/ DSC/AECC/SEC/DSE/GE	Credits (Lecture+Practicals)
LTEL/LHIN 121	Language – II	F	03
ENGL122	English – II	F	03

PHYS 120	Physics Laboratory- II	-	02
PHYS 121	Oscillations, waves and acoustics	DSC-1 B	03
PHYS 122	Optics	DSC-2 B	03
	Mathematics – I		04
ENVS 123	Environmental Studies	AECC-2	02

### SEMESTER III

Course Code	Name of the course	Foundation(F)/ DSC/AECC/SEC/DSE/GE	Credits (Lecture+Practicals)
LTEL/LHIN 231	Language – III	F	03
ENGL232	Functional English – III	F	03
PHYS 230	Physics Laboratory- III	-	02
PHYS 231	Electricity and Magnetism	DSC-1 C	04
PHYS 232	Modern Physics and Relativity	DSC-2 C	04
	Chemistry – I		03
	Chemistry Lab		02

### SEMESTER IV

Course Code	Name of the course	Foundation(F)/ DSC/AECC/SEC/DSE/GE	Credits (Lecture+Practicals)
LTEL/LHIN 241	Language – IV	F	03
ENGL242	Functional English – IV	F	03
PHYS 240	Physics Laboratory- IV	-	02
PHYS 241	Quantum Mechanics	DSC-1 D	04
PHYS 242	Electronics	DSC-2 D	04
	Chemistry – II	-	03
	Chemistry Lab	-	02

### SEMESTER V

Course Code	Name of the course	Foundation(F)/ DSC/AECC/SEC/DSE/GE	Credits (Lecture+Practicals)
PHYS 350	Physics Laboratory – V	-	02
PHYS 351	Physics Laboratory – VI	-	02
PHYS 352	Solid State Physics	DSE – 1A	04
PHYS 353	Atomic and molecular Spectroscopy	DSE – 2A	04
PHYS 354	Digital Electronics	DSE – 3A	04
PHYS 355 or PHYS 356	Elective Course- I	GE - 1	03



**SEMESTER VI**

Course Code	Name of the course	Foundation(F)/ DSC/AECC/SEC/DSE/GE	Credits (Lecture+Practicals)
PHYS 360	Physics Laboratory – VII	-	02
PHYS 361	Physics Laboratory – VIII	-	02
PHYS 362	Numerical Methods and Computational Physics	DSE – 1B	04
PHYS 363	Nuclear Physics	DSE – 2B	04
PHYS 364	Renewable Energy and Energy Harvesting	DSE – 3B	04
PHYS 365 or PHYS 366	Elective Course- II	GE - 2	03

**B.Sc. Branch -III Chemistry****SEMESTER I**

Course Code	Name of the course	Foundation(F)/ DSC/AECC/SEC/DSE/GE	Credits (Lecture+Tutorial)
LTEL/LHIN 111	Language – I	F	03
ENGL112	English – I	F	03
UCHM 111	General Chemistry – I	DSC-1 A	04
<b>UMAT 112</b>	<b>Mathematics Lab – I or</b>	DSC-2 A	<b>04</b>
<b>UZOO 112</b>	<b>Zoology- I</b>		<b>03</b>
UCHM 116	General Chemistry Practical - I	DSC- 3A	02
<b>UZOO 116</b>	<b>Zoology Lab - I</b>	DSC- 4A	<b>01</b>
PADM 111	Public Administration	AECC-1	02

**SEMESTER II**

Course Code	Name of the course	Foundation(F)/ DSC/AECC/SEC/DSE/GE	Credits (Lecture+Tutorial)
LTEL/LHIN 121	Language – II	F	03
ENGL122	English – II	F	03
UCHM 121	General Chemistry – II	DSC-1 B	04
<b>UMAT 122</b>	<b>Mathematics Lab – II or</b>	DSC-2 B	<b>04</b>
<b>UZOO 122</b>	<b>Zoology- II</b>		<b>03</b>
UCHM 126	General Chemistry Practical - II	DSC- 3B	02
<b>UZOO 126</b>	<b>Zoology Lab - II</b>	DSC- 4B	<b>01</b>
ENVS 121	Environmental Studies	AECC-2	02

**SEMESTER III**

Course Code	Name of the course	Foundation(F)/	Credits
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		DSC/AECC/SEC/DSE/GE	(Lecture+Practicals)
LTEL/LHIN 231	Language – III	F	03
ENGL232	Functional English – III	F	03
UCHM 231	Physical Chemistry - I	DSC-1 C	04
UCHM 232	Inorganic Chemistry - I	DSC-2 C	04
UPHY 233	Physics - I	DSC-3 C	03
UCHM 236	Physical and Inorganic Chemistry Practical	DSC-4C	02
UPHY 238	Physics Practical- I	DSC-5 C	01
UCHM 234	I.T. Skills for Chemists	SEC-1	02
UCHM 235	Basic Analytical Chemistry		
UCHM 237 ( Any one to be selected)	Chemical Technology and Society		

#### SEMESTER IV

Course Code	Name of the course	Foundation(F)/ DSC/AECC/SEC/DSE/GE	Credits (Lecture+Practicals)
LTEL/LHIN 241	Language – IV	F	03
ENGL242	Functional English – IV	F	03
UCHM 241	Physical Chemistry - II	DSC-1 D	04
UCHM 242	organic Chemistry - I	DSC-2 D	04
UPHY 243	Physics - II	DSC-3 D	03
UCHM 246	Physical and Inorganic Chemistry Practical	DSC-4D	02
UPHY 248	Physics Practical- II	DSC-5 D	01
UCHM 244	Analytical and Clinical Biochemistry	SEC-2	02
UCHM 245	Chemo informatics		
UCHM 247 ( Any one to be selected)	Business Skills for Chemists		

#### SEMESTER V

Course Code	Name of the course	Foundation(F)/ DSC/AECC/SEC/DSE/GE	Credits (Lecture+Practicals)
UCHM 351	Inorganic Chemistry - II	DSC-1 E	03
UCHM 352	Applications of Computers in Chemistry		04
	Applications of Computers in Chemistry - Practical		01
	Analytical Methods in Chemistry		04

UCHM 353	Analytical Methods in Chemistry- Practical	<b>DSE-1 A</b>	01
UCHM 354	Nano Chemistry		04
		Nano Chemistry- Practical	<b>DSE-2 A</b> <b>(Any Two to be selected)</b>
UCHM 355	Green Chemistry	04	
	Green Chemistry- Practical	01	
UCHM- 356	Organometallics, Bioinorganic Chemistry & Polynuclear hydrocarbons	04	
	Organometallics, Bioinorganic Chemistry & Polynuclear hydrocarbons- Practical	01	
UCHM- 357	Research Methodology		05
UCHM 350	Inorganic Chemistry Practical - II	DSC-2 E	02
XXXXXXXX	A Course from other Department	GE-1	03
UCHM 358	Green Methods in Chemistry	SEC-3	02
UCHM 359 <b>( Any one to be selected)</b>	Pharmaceutical Chemistry		

#### SEMESTER VI

Course Code	Name of the course	Foundation(F)/ DSC/AECC/SEC/DSE/GE	Credits (Lecture+Practicals)	
UCHM 361	Organic Chemistry - II	DSC-1 F	03	
UCHM 362	Analytical Chemistry	<b>DSE-1 B</b>  <b>DSE-2 B</b> <b>(Any Two to be selected)</b>	04	
	Analytical Chemistry - Practical		01	
UCHM 363	Polymer Chemistry		04	
	Polymer Chemistry -Practical		01	
UCHM 364	Molecular Modelling & Drug Design		04	
	Molecular Modelling & Drug Design - Practical		01	
UCHM 365	Industrial Chemicals & Environment		04	
	Industrial Chemicals & Environment - Practical		01	
UCHM- 366	Dissertation			05
UCHM 360	Organic Chemistry Practical - II		DSC-2 F	02
XXXXXXXX	A Course from other Department	GE-2	03	
UCHM 367	Forensic Chemistry			

UCHM 368 ( Any one to be selected)	Fuel Chemistry	SEC-4	02
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## B.Sc Branch IV Zoology

### SEMESTER I

Course Code	Name of the course	Foundation(F)/ DSC/AECC/SEC/DSE/GE	Credits (Lecture+ Practicals)
LTEL/LHIN 111	Language – I	F	03
ENGL112	English – I	F	03
UZOC 111	Biodiversity of Invertebrates	DSC-1 A	04
UZOP 114	Biodiversity of Invertebrates- Practical		02
UZOC 112	Basic Zoology	DSC-2 A	04
UZOP 115	Basic Zoology Practical		02
PADM 113	Public Administration	AECC-1	02

### SEMESTER II

Course Code	Name of the course	Foundation(F)/ DSC/AECC/SEC/DSE/GE	Credits (Lecture+ Practicals)
LTEL/LHIN 121	Language – II	F	03
ENGL122	English – II	F	03
UZOC 121	Biodiversity of Chordates and Vertebrates	DSC-1 B	04
UZOP 124	Biodiversity of Chordates and Vertebrates- Practical		02
UZOC 122	Animals and Human Welfare	DSC-2 B	04
UZOP 125	Animals and Human Welfare- Practical		02
ENVS 123	Environmental Studies	AECC-2	02

### SEMESTER III

Course Code	Name of the course	Foundation(F)/ DSC/AECC/SEC/DSE/GE	Credits (Lecture+ Practicals)
LTEL/LHIN 231	Language – III	F	03
ENGL232	Functional English – III	F	03
UZOC 231	Animal Physiology	DSC-1 C	04
UZOP 234	Animal Physiology- Practical		02

UZOC 232	Microbiology	DSC-2 C	04
UZOP 235	Microbiology- Practical		02
UZOS 233	Vermitechnology	SEC-1	02

#### SEMESTER IV

Course Code	Name of the course	Foundation(F)/ DSC/AECC/SEC/DSE/GE	Credits (Lecture+ Practicals)
LTEL/LHIN 241	Language – IV	F	03
ENGL242	Functional English – IV	F	03
UZOC 241	Developmental Biology	DSC-1 D	04
UZOP 244	Developmental Biology- Practical		02
UZOC 242	Vector Biology	DSC-2 D	04
UZOP 245	Vector Biology- Practical		02
UZOS 243	Clinical Laboratory Technology	SEC-2	02

#### SEMESTER V

Course Code	Name of the course	Foundation(F)/ DSC/AECC/SEC/DSE/GE	Credits (Lecture+Practicals)
UZOS 351	Apiculture	SEC-3	02
UZOE 352	Immunology	DSE-1 A	04
UZOP 358	Practical		01
UZOE 353	Ornamental Fish Culture and Aquarium Technology		04
UZOP 358	Practical		01
UZOE 354	Cell and Molecular Biology	DSE-2 A	04
UZOP 358	Practical		01
UZOE 355	Biochemistry and Intermediary Metabolism	DSE-3 A	04
UZOP 358	Practical		01
UZOE 356	Bioinstrumentation		04
UZOP 358	Practical		01
UZOG 357	Public Health and Hygiene	GE-1	03

#### SEMESTER VI

Course Code	Name of the course	Foundation(F)/ DSC/AECC/SEC/DSE/GE	Credits (Lecture+Practicals)
UZOS 361	Aquatic biology and Culture Techniques	SEC-4	02
UZOE 362	Endocrinology and Reproductive Biology		04

UZOP 368	Practical	<b>DSE-1 A</b>	01
UZOE 363	Poultry and Dairy Science		04
UZOP 368	Practical		01
UZOE 364	Evolution and Conservation Biology	<b>DSE-2 A</b>	04
UZOP 368	Practical		01
UZOE 365	Genetics and Biotechnology	<b>DSE-3 A</b>	04
UZOP 368	Practical		01
UZOE 366	Biostatistics and Bioinformatics		04
UZOP 368	Practical		01
UZOG 367	Value Added Products of Animals	GE-2	03

## B.Sc. Branch-V Computer Science

Course Code	Name of the course	Foundation(F)/ DSC/AECC/SEC/DSE/GE	Credits (Lecture+ Practicals)
LTEL/LHIN 111	Language – I	F	03
ENGL112	English – I	F	03
CSCS113	Introduction to Problem Solving using C	DSC-1	03
CSCS114	Digital Electronics & Computer Organization	DSC-2	03
PADM 113	Public Administration	AECC-1	02
CSCS116	Programming in C lab	DSC-1 (Lab)	02
CSCS117	Digital Lab	DSC-2 (Lab)	02

### SEMESTER II

Course Code	Name of the course	Foundation(F)/ DSC/AECC/SEC/DSE/GE	Credits (Lecture+ Practicals )
LTEL/LHIN 121	Language – II	F	03
ENGL122	English – II	F	03
CSCS123	PYTHON Programming	DSC-3	03
CSCS128	PYTHON Programming- Practical		02
CSCS124	Data Structures and Algorithms	DSC-4	03
CSCS129	Data Structures and Algorithms- Practical		02
ENVS127	Environmental Studies	AECC-2	02
CSCS125	Mathematics for Computer Science	GE-1 ( one out of two)	03
CSCS126	Numerical Methods		

### SEMESTER III

Course Code	Name of the course	Foundation(F)/	Credits (Lecture+
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		<b>DSC/AECC/SEC/DSE/GE</b>	<b>Practicals)</b>
CSCS 231	Database Management System	DSC – 5	03
CSCS 232	Visual Programming using C#	DSC – 6	03
CSCS 233	Computer Networks	DSC – 7	03
CSCS 234	Software Engineering	DSC – 8	03
CSCS 235	Probability and Statistics	GE-2( 1 Out of Two)	03
CSCS 236	Automata Theory & Computations		
CSCS 237	Visual Programming & DBMS lab	DSC – 6( Lab)	02
CSCS 238	Networks lab	DSC – 7( Lab)	02
CSCS 201	Soft Skills	SEC-1	02
CSCS 202	Office Automation	SEC-2( 1 out of the Two)	02

#### SEMESTER IV

<b>Course Code</b>	<b>Name of the course</b>	<b>Open Elective (OE) /DSC/AECC/SEC/DSE/GE</b>	<b>Credits (Lecture+ Practicals)</b>
CSCS241	Operating Systems	DSC – 9	03
CSCS242	Object Oriented Programming using Java	DSC – 10	03
CSCS243	Client/Server Computing	DSE – 1 DSE – 2 (2 out of 5 streams)	03+1
CSCS244	Data Warehousing		
CSCS245	Object Oriented System Design		
CSCS246	Principles of Information Security		03+1
CSCS247	Principles of Programming Languages		
CSCS248	Distributed System	OE-2 (1 out of 2)	03
CSCS249	Computer Graphics	DSC-10 (lab)	02
CSCS250	Object Oriented Programming using Java lab		
CSCS301	Programming with C++	SEC-3/4 ( 1 out of 2)	02
CSCS302	Programming with PHP		

#### SEMESTER V

<b>Course Code</b>	<b>Name of the course</b>	<b>Open Elective (OE) /DSC/AECC/SEC/DSE/GE</b>	<b>Credits (Lecture+ Practicals)</b>
CSCS351	Web Technology	DSC – 11	03
CSCS352	Services Computing	DSE – 3 DSE – 4 (2 out of 5 streams)	03+1
CSCS353	Data Mining		
CSCS354	Software Architecture		
CSCS355	Cryptography and Network Security		03+1
CSCS356	System Software	OE-2 (1 out of 2)	03
CSCS357	Artificial Intelligence		
CSCS358	Introduction to E-Commerce		
CSCS359	Web Technology lab	DSC-11 (lab)	02

CSCS401	Android Programming	<b>SEC-5 ( 1 out of 3)</b>	<b>02</b>
CSCS402	PROLOG Programming		
CSCS403	Software Testing		
CSCS404	Online Course / In-Plant Training (2 weeks) / One month Internship / mini project	<b>Compulsory</b>	<b>02</b>

#### SEMESTER VI

Course Code	Name of the course	Open Elective (OE) /DSC/AECC/SEC/DSE/GE	Credits (Lecture+ Practicals)
CSCS361	Microprocessors & Microcontrollers	<b>DSC – 12</b>	<b>03</b>
CSCS362	PROJECT	<b>DSC – 13</b>	<b>06</b>
CSCS363	Cloud Computing	<b>DSE – 5 DSE – 6 (2 out of 5 streams)</b>	<b>03+1</b>
CSCS364	Foundations of Data Analytics		
CSCS365	Software Quality Management		
CSCS366	Ethical Hacking		
CSCS367	Principles of Compiler Design	<b>DSC-12 (lab)</b>	<b>02</b>
CSCS368	Microprocessor lab		

## B.Sc Branch VI Botany

#### SEMESTER I

Course Code	Name of the course	Foundation(F)/ DSC/AECC/SEC/DSE/GE	Credits (Lecture+ Practicals)
LTEL/LHIN 111	Language – I	F	03
ENGL112	English – I	F	03
UBOT 111	Thallophytes, Microbes and Plant Pathology – Theory	DSC-1 A	04
UBOT 111(P)*	Biodiversity of Invertebrates- Practical		02
UBOT 112	Botany Supportive Paper I- Theory	<b>DSC-2 A</b>	04
UBOT 112(P)	Botany Supportive Paper I- Practical		02
PADM 113	Public Administration	AECC-1	02

#### SEMESTER II

Course Code	Name of the course	Foundation(F)/ DSC/AECC/SEC/DSE/GE	Credits (Lecture+ Practicals)
LTEL/LHIN 121	Language – II	F	03
ENGL122	English – II	F	03



UBOT 121	Archegoniatae (Bryophytes, Pteridophytes, Gymnosperms and Paleobotany)- Theory	DSC-1 B	04
UBOT 121 (P)	Archegoniatae (Bryophytes, Pteridophytes, Gymnosperms and Paleobotany)- Practical		02
UBOT 122	Botany Supportive Paper II- Theory		04
UBOT 122(P)	Botany Supportive Paper II- Practical	DSC-2 B	02
ENVS 123	Environmental Studies	AECC-2	02

### SEMESTER III

Course Code	Name of the course	Foundation(F)/ DSC/AECC/SEC/DSE/GE	Credits (Lecture+ Practicals)
LTEL/LHIN 231	Language – III	F	03
ENGL232	Functional English – III	F	03
UBOT 231	Developmental Botany (Cell Biology, Angiosperm Anatomy and Embryology)- Theory	DSC-1 C	04
UBOT 231(P)	Developmental Botany (Cell Biology, Angiosperm Anatomy and Embryology)- Practical		02
UBOT 232	Medicinal Botany- Theory		04
UBOT 232(P)	Medicinal Botany- Practical	DSC-2 C	02
UBOT 233	External Morphology of Angiosperms	SEC-1	02

### SEMESTER IV

Course Code	Name of the course	Foundation(F)/ DSC/AECC/SEC/DSE/GE	Credits (Lecture+ Practicals)
LTEL/LHIN 241	Language – IV	F	03
ENGL242	Functional English – IV	F	03
UBOT 241	Field Botany (Ecology and Angiosperm Taxonomy)- Theory	DSC-1 D	04
UBOT 241(P)	Field Botany (Ecology and Angiosperm Taxonomy)- Practical		02
UBOT 242	Economic Botany		04
UBOT 242(P)	Economic Botany - Practical	DSC-2 D	02
UBOT 243	Herbal Botany	SEC-2	02

### SEMESTER V

Course Code	Name of the course	Foundation(F)/ DSC/AECC/SEC/DSE/GE	Credits (Lecture+Practicals)
UBOT 351	Genetics	SEC-3	02

UBOT 352	Molecular Biology- Theory	<b>DSE-1 A</b>	04
UBOT 352(P)	Molecular Biology- Practical		01
UBOT 353	Plant Physiology and Biochemistry- Theory		04
UBOT 353(P)	Plant Physiology and Biochemistry- Practical		01
UBOT 354	Mushroom Culture - Theory	<b>DSE-2 A</b>	04
UBOT 354(P)	Mushroom Culture- Practical		01
UBOT 355	Biofertilizers and Organic Farming – Theory	<b>DSE-3 A</b>	04
UBOT 355(P)	Biofertilizers and Organic Farming – Practical		01
UBOT 356	Biostatistics and Computer Applications in Biology- Theory		04
UBOT 356(P)	Biostatistics and Computer Applications in Biology- Practical		01
UBOT 357	Intellectual Property Rights	GE-1	03

#### SEMESTER VI

Course Code	Name of the course	Foundation(F)/ DSC/AECC/SEC/DSE/GE	Credits (Lecture+Practicals)
UBOT 361	Horticulture and Plant Breeding	SEC-4	02
UBOT 362	Plant Biotechnology- Theory	<b>DSE-1 B</b>	04
UBOT 362(P)	Plant Biotechnology- Practical		01
UBOT 363	Project work		04
UBOT 364	Horticulture- Theory	<b>DSE-2 B</b>	04
UBOT 364(P)	Horticulture- Practical		01
UBOT 365	Plant Tissue Culture- Theory	<b>DSE-3 B</b>	04
UBOT 365(P)	Plant Tissue culture – Practical		01
UBOT 366	Ethnobotany- Theory		04
UBOT 366(P)	Ethnobotany- Practical	01	
UBOT 367	Green House Technology	GE-2	03

## **P.G. COURSES**

### **SCHEME OF PAPERS FOR ALL THE FOUR SEMESTERS UNDER CBCS**

#### **M.A. Economics**

##### **SEMESTER I**

Paper – I	-	Micro Economic Analysis-I
Paper – II	-	Macro Economic Analysis-I
Paper – III	-	Mathematical Economics
Paper – IV	-	Econometric Theory
Paper – V	-	Economics of growth and Development

##### **SEMESTER II**

Paper – VI	-	Micro Economic Analysis-II
Paper – VII	-	Macro Economic Analysis-II
Paper – VIII	-	Statistical methods in Economics
Paper – IX	-	Applied Econometrics
Paper – X	-	Public Economics

##### **SEMESTER III**

Paper – XI	-	International Trade and Finance
Paper – XII	-	Contributions by Nobel Laurates – I
Paper – XIII	-	Computer Application Economics Analysis
Paper – XIV	-	Research methodology
Paper – XV	-	Indian Economics issues & policies-I

##### **SEMESTER IV**

Paper – XVI	-	Indian Economic issues & policies –II
Paper – XVII	-	Financial economics
Paper – XVIII	-	Contributions of Nobel Laureates – II

##### **Project work**

## M.Com

### SEMESTER I

- Major – I - Management concepts and organizational behaviour
- Major – II - Business environment
- Major – III - Advanced Financial Accounting
- Major – IV - Statistical methods
- Major – V - Human resource management

### SEMESTER II

- Major – VI - Managerial Economics
- Major – VII - Accounting for Managerial decisions
- Major – VIII - Marketing management
- Major – IX - Financial management
- Major – X - Entrepreneurship and small Business management

### SEMESTER III

- Major – XI - Financial markets and services
- Major – XII - Economic legislation
- Major – XIII - Corporate tax planning
- Paper – I - Optional paper – I Advertisement and Sales Management
- Paper – II - Optional paper – II Marketing Research

### SEMESTER IV

- Major – XIV - Strategic management
- Major – XV - E-Commerce
- Major – XVI - Corporate reporting practices
- Paper – III - Optional paper – III Brand Management
- Paper – IV - Optional paper – IV Services Marketing

## M.Sc. Chemistry

### Semester- I

Paper	Course code	Title of the Paper
I	CH-401	Inorganic Chemistry- I
II	CH-421	Organic Chemistry- I
III	CH-441	Physical Chemistry- I
IV	CH-400	Lab Course-I (Inorganic)

### Semester- II

Paper	Course code	Title of the Paper
V	CH-402	Inorganic Chemistry- II
VI	CH-422	Organic Chemistry- II
VII	CH-442	Physical Chemistry- II
VIII	CH-420	Lab Course-II (Organic)

### Semester- III

Paper	Course code	Title of the Paper
IX	CH-501	Inorganic Photochemistry & Bioinorganics
X	CH-521	Organic Spectroscopy
XI	CH-541	Physical Chemistry- III
XII	CH-540	Lab Course-III (Physical)

### Semester- IV

Paper	Course code	Title of the Paper
XIII	CH-572	Inorganic Photochemistry & Bioinorganics
XIV	CH-582	Elective Paper ( select any one)
	CH-582 A	Environmental Chemistry
	CH-582 B	Natural Products And Heterocyclics
	CH-582 C	Computational Chemistry
	CH-582 D	Polymer Chemistry
XV	CH-570	Project/ Advanced Level Practicals/ Review Work
XVI	CH-580	Lab Course-IV (Electives)

## M.Sc. ZOOLOGY

Semester	Course	Code	Title of Paper	Hours / Week (30)	Credits	Total Credits
S1	Hard Core Course I	ZOHT101	Structure and functions of Invertebrata	4	4	24
	Hard Core Course II	ZOHT102	Structure and functions of Chordata.	4	4	
	Hard Core Course III	ZOHT103	Biomolecule and Structural Biology	4	4	
	Hard Core Course IV	ZOHT104	Cell and Molecular Biology	4	4	
	Soft Core	ZOSC105	Public Health and Hygiene / Economic Zoology	4	4	
	Practical I	ZOHP106	Practical - I. (ZOHT101 to ZOHT104)	8	4	
S2	Hard Core Course I	ZOHT201	Genetics	4	4	25
	Hard Core Course II	ZOHT202	Endocrinology	4	4	
	Hard Core Course III	ZOHT203	Animal Ecology and Ethology	4	4	
	Hard Core Course IV	ZOHT204	Animal Physiology.	4	4	
	Soft core	ZOSC205	Public Health and Hygiene (For others only)	4*	4*	
	Practical II	ZOHP206	Practical – II (ZOHT201 to ZOHT 204)	8	4	
	Internship Programme	ZOSI 207	Summer Internship Programme#	-	1	
S3	Hard Core Course I	ZOHT301	Developmental Biology	4	4	24
	Hard Core Course II	ZOHT302	Immunology	4	4	
	Hard Core Course III	ZOHT303	Fisheries and Aquaculture	4	4	
	Soft Core	ZOSC304	Fish Preservation and Value Addition Techniques	4	4	
	Soft Core	ZOSC305	Environmental Toxicology/ Health Profession Education (Interdisciplinary: for others also)	4	4	
	Practical III	ZOHP306	Practical - III (ZOHT301 to ZOHT303)	8	4	
S4	Hard Core Course I	ZOHT401	Biological Techniques and Bioinformatics	4	4	20
	Hard Core Course II	ZOHT402	Evolution and Conservation Biology	4	4	
	Hard Core Course III	ZOPW403	Individual Project - Dissertation	18	9	
	Hard Core Course IV	ZOPV404	Individual Project – <i>Viva Voce</i>	-	1	
	Practical IV	ZOHP405	Practical - IV (ZOHT401& ZOHT402)	4	2	
	Soft Core	ZOSC406	Aquaculture (Interdisciplinary: for others only)	3*	3*	
	<b>Total</b>					

\*Soft core ZOSC205 Public Health and Hygiene and ZOSC307Aquaculture are offered only for students of other departments.

#Summer Internship ZOSI207 - Duration of Internship - Two Week

## ACADEMIC CALENDAR: 2022-2023

<b>SEPTEMBER- 2022</b>			
<b>Date</b>	<b>Day</b>	<b>Remarks</b>	<b>Cumulative Working Days</b>
1	THU		-
2	FRI		-
3	<b>SAT</b>		*
4	<b>SUN</b>		*
5	MON	<b>COMMENCEMENT OF CLASSES FOR II &amp; III UG AND II PG</b>	1
6	TUE		2
7	WED		3
8	THU		4
9	FRI		5
10	<b>SAT</b>		*
11	<b>SUN</b>		*
12	MON		6
13	TUE		7
14	WED		8
15	THU		9
16	FRI		10
17	<b>SAT</b>		*
18	<b>SUN</b>		*
19	MON		11
20	TUE		12
21	WED		13
22	THU		14
23	FRI		15
24	<b>SAT</b>		*
25	<b>SUN</b>		*
26	MON		16
27	TUE		17
28	WED		18
29	THU		19
30	FRI		20
<b>No. of Working Days in the Month of SEPTEMBER- 2022</b>			<b>20</b>

\*Week End Holidays, #Government Declared Holidays

<b>OCTOBETR- 2022</b>			
<b>Date</b>	<b>Day</b>	<b>Remarks</b>	<b>Cumulative Working Days</b>
1	<b>SAT</b>		*
2	<b>SUN</b>	<b>GANDHI JAYANTHI</b>	*
3	MON		21
4	TUE	<b>SARASWATHI POOJA/AYUDHA POOJA</b>	#
5	WED		22
6	THU		23
7	FRI		24
8	<b>SAT</b>	<b>MILAD-UN-NABI</b>	*
9	<b>SUN</b>		*
10	MON		25
11	TUE		26
12	WED		27
13	THU		28
14	FRI		29
15	<b>SAT</b>		*
16	<b>SUN</b>		*
17	MON		30
18	TUE		31
19	WED		32
20	THU		33
21	FRI		34
22	<b>SAT</b>		*
23	<b>SUN</b>		*
24	MON	<b>DEEPAVALI</b>	#
25	TUE		35
26	WED		36
27	THU		37
28	FRI		38
29	<b>SAT</b>		*
30	<b>SUN</b>		*
31	MON		39
<b>No. of Working Days in the Month of OCTOBER- 2022</b>			<b>19</b>



<b>NOVEMBER- 2022</b>			
<b>Date</b>	<b>Day</b>	<b>Remarks</b>	<b>Cumulative Working Days</b>
1	TUE	<b>PUDUCHERRY LIBERATION DAY</b>	#
2	WED		40
3	THU		41
4	FRI		42
5	<b>SAT</b>		*
6	<b>SUN</b>		*
7	MON		43
8	TUE		44
9	WED		45
10	THU		46
11	FRI		47
12	<b>SAT</b>		*
13	<b>SUN</b>		*
14	MON		48
15	TUE		49
16	WED		50
17	THU		51
18	FRI		52
19	<b>SAT</b>		*
20	<b>SUN</b>		*
21	MON		53
22	TUE		54
23	WED		55
24	THU		56
25	FRI		57
26	<b>SAT</b>		*
27	<b>SUN</b>		*
28	MON		58
29	TUE		59
30	WED		60
<b>No. of Working Days in the Month of NOVEMBER- 2022</b>			<b>21</b>

<b>DECEMBER- 2022</b>			
<b>Date</b>	<b>Day</b>	<b>Remarks</b>	<b>Cumulative Working Days</b>
1	THU		61
2	FRI		62
3	<b>SAT</b>		*
4	<b>SUN</b>		*
5	MON		63
6	TUE		64
7	WED		65
8	THU		66
9	FRI		67
10	<b>SAT</b>		*
11	<b>SUN</b>		*
12	MON		68
13	TUE		69
14	WED		70
15	THU		71
16	FRI		72
17	<b>SAT</b>		*
18	<b>SUN</b>		*
19	MON		73
20	TUE		74
21	WED		75
22	THU		76
23	FRI		77
24	<b>SAT</b>		*
<b>25</b>	<b>SUN</b>	<b>CHRISTMAS</b>	*
26	MON		78
27	TUE		79
28	WED		80
29	THU		81
30	FRI		82
31	<b>SAT</b>		*
<b>No. of Working Days in the Month of DECEMBER- 2022</b>			<b>22</b>

<b>JANUARY- 2023</b>			
<b>Date</b>	<b>Day</b>	<b>Remarks</b>	<b>Cumulative Working Days</b>
<b>1</b>	<b>SUN</b>	<b>NEW YEAR</b>	*
2	MON		83
3	TUE		84
4	WED		85
5	THU		86
6	FRI		87
7	<b>SAT</b>		*
8	<b>SUN</b>		*
9	MON		88
10	TUE		89
11	WED		90
12	THU		91
13	FRI		92
14	<b>SAT</b>		*
<b>15</b>	<b>SUN</b>	<b>PONGAL (MAKARA SANKARANTHI)</b>	*
16	MON	<b>ODD SEMESTER EXAM BEGINS</b>	-
17	TUE		-
18	WED		-
19	THU		-
20	FRI		-
21	<b>SAT</b>		-
22	<b>SUN</b>		-
23	MON		-
24	TUE		-
25	WED		-
26	THU	<b>REPUBLIC DAY</b>	#
27	FRI		-
28	<b>SAT</b>		*
29	<b>SUN</b>		*
30	MON	<b>RE-OPENING FOR EVEN SEMESTER</b>	93
31	TUE		94
<b>No. of Working Days in the Month of JANUARY- 2023</b>			<b>12</b>

<b>FEBRUARY- 2023</b>			
<b>Date</b>	<b>Day</b>	<b>Remarks</b>	<b>Cumulative Working Days</b>
1	WED		95
2	THU		96
3	FRI		97
4	<b>SAT</b>		*
5	<b>SUN</b>		*
6	MON		98
7	TUE		99
8	WED		100
9	THU		101
10	FRI		102
11	<b>SAT</b>		*
12	<b>SUN</b>		*
13	MON		103
14	TUE		104
15	WED		105
16	THU		106
17	FRI		107
18	<b>SAT</b>		*
19	<b>SUN</b>		*
20	MON		108
21	TUE		109
22	WED		110
23	THU		111
24	FRI		112
25	<b>SAT</b>		*
26	<b>SUN</b>		*
27	MON		113
28	TUE		114
<b>No. of Working Days in the Month of FEBRUARY- 2023</b>			<b>20</b>

<b>MARCH- 2023</b>			
<b>Date</b>	<b>Day</b>	<b>Remarks</b>	<b>Cumulative Working Days</b>
1	WED		115
2	THU		116
3	FRI		117
4	<b>SAT</b>		*
5	<b>SUN</b>		*
6	MON		118
7	TUE		119
8	WED		120
9	THU		121
10	FRI		122
11	<b>SAT</b>		*
12	<b>SUN</b>		*
13	MON		123
14	TUE		124
15	WED		125
16	THU		126
17	FRI		127
18	<b>SAT</b>		*
19	<b>SUN</b>		*
20	MON		128
21	TUE		129
22	WED	<b>UGADI</b>	#
23	THU		130
24	FRI		131
25	<b>SAT</b>		*
26	<b>SUN</b>		*
27	MON		132
28	TUE		133
29	WED		134
30	THU		135
31	FRI		136
<b>No. of Working Days in the Month of MARCH- 2023</b>			<b>22</b>

<b>APRIL- 2023</b>			
<b>Date</b>	<b>Day</b>	<b>Remarks</b>	<b>Cumulative Working Days</b>
1	<b>SAT</b>		*
2	<b>SUN</b>		*
3	MON		137
4	TUE		138
5	WED		139
6	THU		140
7	FRI	<b>GOOD FRIDAY</b>	#
8	<b>SAT</b>		*
9	<b>SUN</b>		*
10	MON		141
11	TUE		142
12	WED		143
13	THU		1444
14	FRI	<b>AMBEDKAR JAYANTHI</b>	145
15	<b>SAT</b>		*
16	<b>SUN</b>		*
17	MON		146
18	TUE		147
19	WED		148
20	THU		149
21	FRI	<b>RAMZAN</b>	150
22	<b>SAT</b>		*
23	<b>SUN</b>		*
24	MON		151
25	TUE		152
26	WED		153
27	THU		154
28	FRI		155
29	<b>SAT</b>		*
30	<b>SUN</b>		*
<b>No. of Working Days in the Month of APRIL- 2023</b>			<b>19</b>

<b>MAY- 2023</b>			
<b>Date</b>	<b>Day</b>	<b>Remarks</b>	<b>Cumulative Working Days</b>
1	MON	MAY DAY	#
2	TUE		156
3	WED		157
4	THU		158
5	FRI		159
6	<b>SAT</b>		*
7	<b>SUN</b>		*
8	MON		160
9	TUE		161
10	WED		162
11	THU		163
12	FRI		164
13	<b>SAT</b>		*
14	<b>SUN</b>		*
15	MON		165
16	TUE		166
17	WED		167
18	THU		168
19	FRI		169
20	<b>SAT</b>		*
21	<b>SUN</b>		*
22	MON		170
23	TUE		171
24	WED		172
25	THU		173
26	FRI		174
27	<b>SAT</b>		*
28	<b>SUN</b>		*
29	MON		175
30	TUE		176
31	WED		177
<b>No. of Working Days in the Month of MAY- 2023</b>			<b>22</b>

<b>JUNE- 2023</b>			
<b>Date</b>	<b>Day</b>	<b>Remarks</b>	<b>Cumulative Working Days</b>
1	THU		178
2	FRI	<b>END OF CLASSES FOR EVEN SEMESTER</b>	179
3	<b>SAT</b>		*
4	<b>SUN</b>		*
5	MON	<b>UNIVERSITY EXAMS BEGIN</b>	180
6	TUE		-
7	WED		-
8	THU		-
9	FRI		-
10	<b>SAT</b>		*
11	<b>SUN</b>		*
12	MON		-
13	TUE		-
14	WED		-
15	THU		-
16	FRI		-
17	<b>SAT</b>		*
18	<b>SUN</b>		*
19	MON		-
20	TUE		-
21	WED		-
22	THU		-
23	FRI		-
24	<b>SAT</b>		*
25	<b>SUN</b>		*
26	MON		-
27	TUE		-
28	WED		-
29	THU		-
30	FRI		-
<b>No. of Working Days in the Month of JUNE- 2023</b>			<b>03</b>

\*Week End Holidays, #Government Declared Holidays



**DETAILS OF WORKING DAYS IN EACH SEMESTER: 2022-2023**

<b>Semester</b>	<b>From</b>	<b>To</b>	<b>No. of workingdays</b>
I	05-09-2022	13-01-2023	92
II	30-01-2023	05-06-2023	88

**ABSTRACT OF THE WORKING DAYS FOR THE YEAR 2022 - 2023**

	<i>Months</i>		<i>Days</i>
<b>I - Semester</b>			
	September	2022	20
	October	"	19
	November	"	21
	December	"	22
	January	"	10
			<hr/>
			92
<b>II - Semester</b>			
	January	2023	02
	February	"	20
	March	"	22
	April	"	19
	May	"	22
	June		03
			<hr/>
			88
			<hr/>
	Total No. of working days	<b>92+ 88</b>	<b>= 180</b>

### TIME TABLE - ODD SEMESTER

	I	II	III	LUNCH BREAK	IV	V	VI
	9.30 – 10.30	10.30 – 11.30	11.30 – 12.30		1.30 – 2.30	2.30 – 3.30	3.30 – 4.30
MON							
TUE							
WED							
THU							
FRI							

### TIME TABLE - EVEN SEMESTER

	I	II	III	LUNCH BREAK	IV	V	VI
	9.30 – 10.30	10.30 – 11.30	11.30 – 12.30		1.30 – 2.30	2.30 – 3.30	3.30 – 4.30
MON							
TUE							
WED							
THU							
FRI							

**NOTES**

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