



Sainath Education Trust's  
**Rajiv Gandhi College**  
of Arts, Commerce, & Science, Vashi Navi Mumbai.  
(Permanently Affiliated to University Of Mumbai)  
ACCREDITED BY NAAC, GRADE 'B'

**Academic Calendar 2022-23**

**1) June**

1<sup>st</sup> week

- S.Y and T.Y Classes Admissions.

2<sup>nd</sup> week

- World Biodiversity Day Celebration.
- World Environment Day Celebration.
- Start of the academic year's first staff meeting about the admission process.
- F.Y Classes admissions

3<sup>rd</sup> week

- Commencement of all S.Y/T. Y Classes.

21<sup>st</sup> June

- International Yoga Day Celebration

4<sup>th</sup> week

- Formation of the various committees and staff meetings, department meetings etc.
- TY and SY Classes Parents Meetings.
- Career guidance lectures on various classes by various departments in association with Placement Cell.

**2) July**

1<sup>st</sup> Week

- Faculty Development Program by IQAC
- Enrollment of DLLE

6<sup>th</sup> July

Celebration of World Zoonoses Day

2<sup>nd</sup> Week

- Attending and organizing various National/ International webinars/seminars/workshops/conferences/virtual programs.



11<sup>th</sup> July • Celebration of Van Mahotsav week by NSS  
World Population Day Celebration

23<sup>rd</sup> July • Guru Purnima Celebration

3<sup>rd</sup> Week

- First term training program of DLLE
- Industrial Visit by various departments.

4<sup>th</sup> Week

- Commencement of FY Classes.
- Enrollment of NSS Students.

### 3) August

1<sup>st</sup> Week

- Activities by various departments and committees such as science, career guidance and placement cell, NSS, DLLE, WDC, Language club etc.
- Swachha Bharat Abhiyan
- Bridge Course on FY Classes by all the departments.
- DLLE Field Coordinator's Visit for First term activity

2<sup>nd</sup> Week

- Road Safety Rally by NSS
- Activities by Sports Committee
- Placement Drive by placement cell

11<sup>th</sup> Aug • Rakshabandhan Holiday

3<sup>rd</sup> Week

- Commencement of Internal exam of SY Classes

15<sup>th</sup> Aug • Celebration of Independence Day.

16<sup>th</sup> Aug • Parsi new year (Holiday)

19<sup>th</sup> Aug • Gopalkala (Dahi Handi) (Holiday)



#### 4<sup>th</sup> Week

- Preparations of question papers for FY and SY classes.

#### 31<sup>st</sup> Aug - 5<sup>th</sup> Sept

- Ganesh Chaturthi (Holidays)
- Alumni Meeting

### 4) September

#### 1<sup>st</sup> Week

- Commencement of SY Classes KT exams and FY Internal Exams
- Blood Donation Camp
- University youth fest participation

#### 4<sup>th</sup> Sept

- Founder's Day Celebration (Chairman Sir's Birthday)

#### 5<sup>th</sup> Sept

- Teachers day Celebration

#### 9<sup>th</sup> Sept

Anant Chaturthi (Holiday)

#### 14<sup>th</sup> Sept

- Hindi Bhasha Diwas Celebration

#### 3<sup>rd</sup> Week

- Commencement of FY Semester I Internal Exams.

#### 4<sup>th</sup> Week

- Commencement of SY (Sem III) and TY (Sem V) Practical exams
- Navratri Festival Celebration.

### 5) October

#### 1<sup>st</sup> Week

- Commencement of TY classes Internal exams



- Commencement of S.Y Examination.
- 2<sup>nd</sup> Oct
  - Gandhi Jayanti (Holiday)
- 5<sup>th</sup> Oct
  - Dussehra (Holiday)
- 2<sup>nd</sup> Week
  - Commencement of TY classes University exams
- 15<sup>th</sup> Oct
  - Dussehra (Holiday)
- 16<sup>th</sup> Oct
  - Vachan Prerna Divas celebration (Bharat Ratna Dr.APJ Abdul Kalam's birth anniversary)
- 3<sup>rd</sup> Week
  - Meeting of the various committees.
  - Commencement of FY practical exams
- 22<sup>nd</sup> Oct - 8<sup>th</sup> Nov
  - Diwali Vacation

### 6) November

- 2<sup>nd</sup> Week
  - Meeting of the various committees and staff meetings, department meetings etc.
  - Commencement of FY exams
  - Preparation of Prarambh - Navi Mumbai 2K22 Fest
  - Commencement of SY (Sem IV) and TY (Sem VI) Classes.
- 8<sup>th</sup> Nov
  - Guru Nanak Jayanti (Holiday)
- 4<sup>th</sup> Week
  - Commencement of FY Classes.
  - Participation University Sports Events
  - Student council meeting

### 8) December

- 1<sup>st</sup> Dec
  - Celebrations of AIDS day by DLE and NSS units at Desire Society.
  - DLE Second Term training Program
- 2<sup>nd</sup> Dec
  - Celebration of World Pollution Prevention Day



15<sup>th</sup> Dec to 19<sup>th</sup> Jan

- Prarrambh - Navi Mumbai 2K22 Socio Cultural Fest

20<sup>th</sup> Dec to 27<sup>th</sup> Dec

- Industrial Visit

22<sup>nd</sup> Jan

- National Mathematics Day Celebration

25<sup>th</sup> Dec to 1<sup>st</sup> Jan

- Christmas vacations
- NSS Camp

### 9) January

1<sup>st</sup> Week

- Staff meeting for commencement of Session Second

2<sup>nd</sup> Week

- Projects/ Assignments given to the students by various departments
- Various Activities conducted by WDC, NSS and DLLE committees.

12<sup>th</sup> Jan

- Celebration of National Youth Day

3<sup>rd</sup> Week

- Activities by various committees and departments.
- Alumni Meet
- National girl child day Celebration

24<sup>th</sup> Jan

25<sup>th</sup> Jan

- National Voters Day Celebration

26<sup>th</sup> Jan

- Republic day Celebration

### 10) February

1<sup>st</sup> Week

- Celebration of various days by the cultural committee.
- Placement Drive by Career Guidance and Placement Cell for all TY streams
- Attending and organizing various National/ International webinars/seminars/workshops/conferences/virtual programs.
- Participation in DLLE Udaan fest organized by University.

3<sup>rd</sup> Week

- Commencement of Sem II, IV and VI Internal exams.

18<sup>th</sup> Feb

Mahashivratri (Holiday)



19<sup>th</sup> Feb

- Chatrapati Shivaji Maharaj Jayanti Celebration (Holiday)

4<sup>th</sup> Week

- Quizzes/FDP by B.Com, BMS and BAF departments.
- Webinar/Seminar by NSS, DLLE and Science Departments.

27<sup>th</sup> Feb

- Marathi Bhasha Diwas Celebration

28<sup>th</sup> Feb

- National Science Day Celebration by Science Association

### 11) March

1<sup>st</sup> Week

- Commencement of Sem I , II, III, IV ATKT exams
- Staff meeting for preparations of first half 2023 exams

2<sup>nd</sup> week

- Degree Distribution Ceremony
- Various industrial visits and study tours.
- Commencement of Sem II and IV practical exam.

7<sup>th</sup> March

- Holi (Holiday)

8<sup>th</sup> March

- International women's day celebration

22<sup>nd</sup> March

- Gudi Padwa (Holiday)

4<sup>th</sup> Week

- World Water Day Celebration
- Commencement of Semester II and IV theory exams.

30<sup>th</sup> March

- Ram Navmi (Holiday)

### 12) April

1<sup>st</sup> Week

- Commencement of TY Prelim exams

2<sup>nd</sup> April

- Gudi Padwa (Holiday)

2<sup>nd</sup> week

- Commencement of Semester VI University theory exams.

14<sup>th</sup> April

- Dr. Babasaheb Ambedkar Jayanti celebration (Holiday)

22<sup>nd</sup> April



- Ramzan Eid (Holiday)

**Note: - Due to Covid 19 situation the events can be done online/offline. The sequence/ date in the above calendar are subject to change by the principal/University.**

Date:- 13/06/2022.



V/C Principal  
**V/C PRINCIPAL**  
Rajiv Gandhi College of Arts, Commerce & Science  
Vashi, Navi Mumbai - 400 703.

# University of Mumbai



No. AAMS (UG)/ 33 of 2022-23

## CIRCULAR :-

The Directors/Heads of the University Departments, the Principal of the Affiliated colleges, Head of the Recognized Institutions concerned, the Principals of the Sir J.J. College of Architecture and the Director/Co-ordinators of Ratnagiri Sub-Centre & Thane Sub-Centre, Bharatram Dr. Babasaheb Ambedkar, Ambadve, (Model College), Smt. Vjyayalakshmi Dalvi (Model College) and the Captain Superintendent, Ministry of Surface Transport, Training Ship "Chanakya" Government of India, Navi Mumbai are hereby informed that the arrangement of terms in the various faculties of the University for the academic year 2022-2023 has been accepted by the Academic Council at its meeting held on 17<sup>th</sup> May, 2022 **vide** item No.9.4 and subsequently approved by the Management Council at its meeting held on 25<sup>th</sup> May, 2022 **vide** item No. 5 and in accordance therewith, the arrangement of terms for the courses of studies in the various faculties for the academic year 2022-2023 is under:-

The same available on the University website ([www.mtu.ac.in](http://www.mtu.ac.in))

**Faculty of Humanities (Arts) :-** Including all **Certificate, Diploma, Post-graduate Diploma, Degree and Master Degree courses** under the Arts

First Term - 13<sup>th</sup> June, 2022 to 22<sup>nd</sup> October, 2022 } Both days  
Second Term - 7<sup>th</sup> November, 2022 to 1<sup>st</sup> May, 2023 } inclusive

1. Mid Term Break from 31<sup>st</sup> August, 2022 to 4<sup>th</sup> September, 2022  
(both days inclusive) Ganpati vacation
2. Winter Break from 25<sup>th</sup> December, 2022 to 31<sup>st</sup> December, 2022  
(both days inclusive)
3. Diwali Vacation from 21<sup>st</sup> October, 2022 to 6<sup>th</sup> November, 2022  
(both days inclusive)
4. Summer Vacation from 2<sup>nd</sup> May, 2023 to 12<sup>th</sup> June, 2023  
(both days inclusive)

2/-





**Faculty of Science & Technology (Science) - Including all Certificate, Diploma, Post-graduate Diploma, Degree and Master Degree courses under the Science**

First Term - 13<sup>th</sup> June, 2022 to 22<sup>nd</sup> October, 2022 } Both days  
Second Term - 7<sup>th</sup> November, 2022 to 1<sup>st</sup> May, 2023 } inclusive

1. Mid Term Break from 31<sup>st</sup> August, 2022 to 4<sup>th</sup> September, 2022  
(both days inclusive) Ganpati vacation
2. Winter Break from 25<sup>th</sup> December, 2022 to 31<sup>st</sup> December, 2022  
(both days inclusive)
3. Diwali Vacation from 21<sup>st</sup> October, 2022 to 6<sup>th</sup> November, 2022  
(both days inclusive)
4. Summer Vacation from 2<sup>nd</sup> May, 2023 to 12<sup>th</sup> June, 2023  
(both days inclusive)

**Faculty of Science & Technology (Engineering):- Third and Final Year Engineering (Full time) all Programs/Branches, MCA (Second and Third Year)**

First Term - 11<sup>th</sup> July, 2022 to 17<sup>th</sup> December, 2022 } Both days  
Second Term - 09<sup>th</sup> January, 2023 to 10<sup>th</sup> June, 2023 } inclusive

**Second Year Engineering (Full time) all programs/Branches, ME (Second Year) all programs/ Branches.**

First Term - 18<sup>th</sup> July, 2022 to 17<sup>th</sup> December, 2022 } Both days  
Second Term - 09<sup>th</sup> January, 2023 to 10<sup>th</sup> June 2023 } inclusive

1. Mid Term Break from 31<sup>st</sup> August, 2022 to 4<sup>th</sup> September, 2022.  
(both days inclusive) Ganpati vacation
2. Winter and Summer Vacation shall be given as per the UGC/University of Mumbai norms.

**Faculty of Science & Technology MCA (Second Year)**

First Term - 01<sup>st</sup> August, 2022 to 24<sup>th</sup> December, 2022 } Both days  
Second Term - 09<sup>th</sup> January, 2023 to 10<sup>th</sup> June 2023 } inclusive

1. Mid Term Break from 31<sup>st</sup> August, 2022 to 4<sup>th</sup> September, 2022.  
(both days inclusive) Ganpati vacation
2. Winter and Summer Vacation shall be given as per the UGC/University of Mumbai norms.

3/-



**Faculty of Commerce & Management** - including all Certificate, Diploma, Post-graduate Diploma, Degree and Master Degree courses under the Commerce & Management.

First Term - 13<sup>th</sup> June, 2022 to 22<sup>nd</sup> October, 2022 } Both days  
Second Term - 7<sup>th</sup> November, 2022 to 1<sup>st</sup> May, 2023 } inclusive

1. Mid Term Break from 31<sup>st</sup> August, 2022 to 4<sup>th</sup> September, 2022  
(both days inclusive) Ganpati vacation.
2. Diwali Vacation from 21<sup>st</sup> October, 2022 to 6<sup>th</sup> November, 2022  
(both days inclusive)
3. Winter Break from 25<sup>th</sup> December, 2022 to 31<sup>st</sup> December, 2022  
(both days inclusive)
4. Summer Vacation from 2<sup>nd</sup> May, 2023 to 12<sup>th</sup> June, 2023  
(both days inclusive)

**Faculty of Commerce & Management Studies (Management)** - Including all Management Studies Stream (Excluding First Year of the MMS [Pl. refer Cir.No.UG/177 of 2019-20, dated 10<sup>th</sup> Dec, 2019] courses be as under.

**2 Years Full -Time MMS Program and 3 years Part time MMS Programs:**

First Term - 01<sup>st</sup> July, 2022 to 15<sup>th</sup> November, 2022 } Both days  
Second Term - 17<sup>th</sup> October, 2022 to 30<sup>th</sup> April, 2023 } inclusive

**MMS: First Year-2<sup>nd</sup> Sem. (A.Y. 2021-22)** will be from 01<sup>st</sup> July, 2022 to 15<sup>th</sup> October, 2022

**MMS: Second Year-3<sup>rd</sup> Sem. (A.Y. 2022-23)** will be from 17<sup>th</sup> October, 2022 to 15<sup>th</sup> Feb, 2023

**MMS: Second Year-4<sup>th</sup> Sem. (A.Y. 2022-23)** will be from 16<sup>th</sup> February to 31<sup>st</sup> May 2023

1. Mid-Term Break from 31<sup>st</sup> August 2022 to 04<sup>th</sup> September 2022
2. Semester End Break - 9<sup>th</sup> December 2022-31<sup>st</sup> December 2022

**MMS Year 1:** as per the schedule of CET Cell, DTE

3/



**Faculty of Science & Technology (Pharmacy):**

The arrangement of terms for the B. Pharm. Degree course be as under:-

First Term - 6<sup>th</sup> July, 2022 to 11<sup>th</sup> December, 2022 } Both days  
Second Term - 12<sup>th</sup> Dec, 2022 to 27<sup>th</sup> May, 2023 } inclusive

1. Mid term break from 31<sup>st</sup> August, 2022 to 4<sup>th</sup> Sept, 2022  
(both days inclusive) Ganpati Vacation.
2. Diwali Vacation from 24<sup>th</sup> October, 2022 to 07<sup>th</sup> November, 2022  
(both days inclusive)
3. Winter break from 23<sup>rd</sup> December, 2022 to 1<sup>st</sup> Jan, 2023  
(both days inclusive)
4. Summer Vacation from 28<sup>th</sup> May, 2023 to 5<sup>th</sup> July, 2023  
(both days inclusive)

**Faculty of Science & Technology (Pharmacy):**

The arrangement of terms for the M. Pharm. Degree course be as under:-

First Term - 1<sup>st</sup> August, 2022 to 31<sup>st</sup> December, 2022 } Both days  
Second Term - 1<sup>st</sup> January, 2023 to 30<sup>th</sup> June, 2023 } inclusive

There is no vacation for M. Pharm. Course.

**Architecture under the Faculty of Science & Technology:-**

First Term - 6<sup>th</sup> June 2022 to 21<sup>st</sup> October, 2022 } (both days inclusive )  
Second Term - 21<sup>st</sup> November 2022 to 28<sup>th</sup> April 2023 } (inclusive of exams)

1. Mid Term Break from 31<sup>st</sup> August, 2022 to 4<sup>th</sup> September, 2022  
(both days inclusive) Ganpati vacation
2. Diwali Vacation from 22<sup>nd</sup> October, 2022 to 20<sup>th</sup> November, 2022 (both  
days inclusive)
3. Winter Break from 24<sup>th</sup> December 2022 - 1<sup>st</sup> January 2023  
(both days inclusive)
4. Summer Vacation from 29<sup>th</sup> April 2023 to 4<sup>th</sup> June, 2023  
(both days inclusive)

Note: Terms 1<sup>st</sup> year (Second Half 2022) shall be decided on admission process  
2<sup>nd</sup> Year (Sem 3) shall commence from 17<sup>th</sup> August, 2022 to 23<sup>rd</sup> December, 2022



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**Faculty of Interdisciplinary Studies (Fine Art)** :- including all Certificate, Diploma, Post-graduate Diploma, Degree and Master Degree Courses (Music/Dance/Fine Art (By Paper & By Research) (All branches) be as under:-

First Term - 4<sup>th</sup> June, 2022 to 24<sup>th</sup> Dec, 2022 } Both days  
Second Term - 2<sup>nd</sup> Jan, 2023 to 8<sup>th</sup> May, 2023 } inclusive

1. Mid Term Break from 31<sup>st</sup> August, 2022 to 4<sup>th</sup> September, 2022 (both days inclusive) Ganpati vacation.
2. Diwali Vacation from 19/10/2022 to 5/11/2022 (both days inclusive)
3. Summer Vacation from 23/5/2023 to 22/6/2023 (both days inclusive)

**Faculty of Interdisciplinary Studies (Fine Art)** :- The arrangement of terms for including all (Music Department, Lok Kala Academy, Academy of Theatre Arts & Nalanda Nritya Kala Mahavidyalaya under the Fine Art stream be as under :-

First Term - 4<sup>th</sup> June, 2022 to 24<sup>th</sup> Dec, 2022 } Both days  
Second Term - 2<sup>nd</sup> Jan, 2023 to 8<sup>th</sup> May, 2023 } inclusive

1. Mid Term Break from 31<sup>st</sup> August, 2022 to 4<sup>th</sup> September, 2022 (both days inclusive) Ganpati vacation
2. Diwali Vacation from 19/10/2022 to 5/11/2022 (both days inclusive)
3. Summer Vacation from 23/5/2023 to 22/6/2023 (both days inclusive)

MUMBAI-400 032

5<sup>th</sup> June, 2022

To,

(Sudhir Puranik)  
REGISTRAR

The Directors/Heads of the University Departments, the Principal of the affiliated colleges, Head of the recognized Institutions concerned, the Principals of the Sir J.J. College of Architecture and the Director/Co-ordinators of Rainagiri Sub-Centre & Thane Sub-Centre and the Captain Superintendent, Ministry of Surface Transport, Training Ship 'Chanakya' Government of India, Navi Mumbai.

AC/9.4/17/05/2022

M.C/5/25/5/2022

No. AAMS(UG)/ 33 A of 2022

5<sup>th</sup> June, 2022

Copy forwarded with compliments for information to:-

- 1) The Deans, of all faculties and Chairman/Chairpersons of the various Board of Studies and Ad-hoc Board of Studies.
- 2) The Director of Board of Examinations and Evaluation.
- 3) The Director of Board of Student Development.
- 4) The Director, Department of Information & Communication Technology.

(Sudhir Puranik)  
REGISTRAR



**Faculty of Interdisciplinary Studies (Education):-**

The arrangement of terms of all Certificate, Diploma, Post-graduate Diploma, B.Ed Degree and Master Degree courses in Education and Special Education, be as under.

First Term - 23<sup>rd</sup> June, 2022 to 24<sup>th</sup> December, 2022 } Both days  
Second Term - 2<sup>nd</sup> January, 2023 to 22<sup>nd</sup> May, 2023 } inclusive

1. Mid Term Break - 31<sup>st</sup> August, 2022 to 4<sup>th</sup> September, 2022  
(both days inclusive) Ganpati vacation.
2. Diwali Vacation from 19<sup>th</sup> October, 2022 to 5<sup>th</sup> November, 2022  
(both days inclusive)
3. Winter Break - 26<sup>th</sup> December, 2022 to 31<sup>st</sup> December, 2022  
(both days inclusive)
4. Summer Vacation from 23<sup>rd</sup> May, 2023 to 22<sup>nd</sup> June, 2023  
(both days inclusive)

**Faculty of Interdisciplinary Studies (Law):-**

The arrangement of terms of all Certificate, Diploma, Post-graduate Diploma, Degree and Master Degree courses, be as under.

First Term - 1<sup>st</sup> July, 2022 to 24<sup>th</sup> December, 2022 } Both days  
Second Term - 02<sup>nd</sup> January, 2023 to 20<sup>th</sup> May, 2023 } inclusive

1. Mid Term Break - 1<sup>st</sup> September, 2022 to 4<sup>th</sup> September, 2022  
(both days inclusive) Ganpati vacation.
2. Diwali Vacation from 19<sup>th</sup> October, 2022 to 5<sup>th</sup> November, 2022  
(both days inclusive)
3. Winter Break - 26<sup>th</sup> December, 2022 to 31<sup>st</sup> December, 2022  
(both days inclusive)
4. Summer Vacation from 22<sup>nd</sup> May, 2023 to 30<sup>th</sup> June, 2023  
(both days inclusive)

**Faculty of Interdisciplinary Studies (Law):-**

The arrangement of terms for BMS-LLB (Five Years Integrated Course) vide Circular No.UG/195 of 2019-20, dated 17<sup>th</sup> March, 2020 ( BBA-LLB) (Hons) (Five Years Integrated Course), be as under.

First Term - 01<sup>st</sup> July, 2022 to 24<sup>th</sup> December, 2022 } Both days  
Second Term - 2<sup>nd</sup> January, 2023 to 20<sup>th</sup> May, 2023 } inclusive

1. Mid Term Break from 31<sup>st</sup> August, 2022 to 4<sup>th</sup> September, 2022  
(both days inclusive) Ganpati vacation.
2. Diwali Vacation from 19<sup>th</sup> October, 2022 to 5<sup>th</sup> November, 2022  
(both days inclusive)
3. Winter Break - 26<sup>th</sup> December, 2022 to 31<sup>st</sup> December, 2022  
(both days inclusive)
4. Summer Vacation from 22<sup>nd</sup> May, 2023 to 30<sup>th</sup> June, 2023  
(both days inclusive)

6/-



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Time Table For the Year 2022--2023

**SY.B.A.F Semester-IV**

Sl.No	Time	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
1	7.40am - 8.30am	Law (Asst.Prof. Veena)	F.A (Asst.Prof. Rafat)	Law (Asst.Prof. Veena)	Law (Asst.Prof. Veena)	R.M (Asst.Prof. Veena)	F.C - MGT (Asst.Prof. Asha)
2	8.30am - 9.20am	Remedial	F.A (Asst.Prof. Rafat)	F.A (Asst.Prof. Rafat)	F.C - MGT (Asst.Prof. Asha)	LT (Asst.Prof. )	R.M (Asst.Prof. Veena)
3	9.20am - 10.10am	R.M (Asst.Prof. Veena)	F.C - MGT (Asst.Prof. Asha)	Tax (Asst.Prof. Nilanjana)	F.A (Asst.Prof. Rafat)	Law (Asst.Prof. Veena)	LT (Asst.Prof.)
	10.10-10.20	Recess					
4	10.20-11.10	M.A. (Asst.Prof. Nilanjana)	Tax (Asst.Prof. Nilanjana)	M.A. (Asst.Prof. Nilanjana)	M.A. (Asst.Prof. Nilanjana)	Tax (Asst.Prof. Nilanjana)	R.M (Asst.Prof. Veena)
5	11.10 - 11.50	M.A. (Asst.Prof. Nilanjana)	Tax (Asst.Prof. Nilanjana)	F.C - MGT (Asst.Prof. Asha)	LT (Asst.Prof.)		LT (Asst.Prof.)

**T. Y.B.A.F Semester-VI**

Sl.No	Time	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
1	7.40am - 8.30am	Tax (Asst.Prof. Kalpana.S)			F.M (Asst.Prof. Kalpana.S)	CA (Asst. Prof. Nilanjana)	CA (Asst. Prof. Nilanjana)
2	8.30am - 9.20am	F.A.7 (Asst. Prof. Nilanjana)	Tax (Asst.Prof. Kalpana.S)	F.A.7 (Asst. Prof. Nilanjana)	F.A.7 (Asst. Prof. Nilanjana)	F.M (Asst.Prof. Kalpana.S)	CA (Asst. Prof. Nilanjana)
3	9.20am - 10.10am	Eco (Asst.Prof. Asha)	F.A.7 (Asst. Prof. Nilanjana)	Eco (Asst.Prof. Asha)	Tax (Asst.Prof. Kalpana.S)	CA (Asst. Prof. Nilanjana)	F.M (Asst.Prof. Kalpana.S)
	10.10-10.20	Recess					
4	10.20-11.10	Project (Asst. Prof. B.S.Pandey)	Eco (Asst.Prof. Asha)	Project (Asst. Prof. B.S.Pandey)	Project (Asst. Prof. B.S.Pandey)	Eco (Asst.Prof. Asha)	F.M (Asst.Prof. Kalpana.S)
5	11.10 - 11.50	Project (Asst. Prof. B.S.Pandey)					

*Arunica*  
TIMETABLE CHAIRPERSON



*Arunica*  
HOD/CO-ORDINATOR

*(Signature)*  
I/C PRINCIPAL  
Rajiv Gandhi College of Arts, Commerce & Science  
Vashi, Navi Mumbai - 400 702

**Rajiv Gandhi College of Arts, Commerce & Science**  
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 Time Table For the Year 2022-2023

**S.Y.B.Com (A) Semester-IV**

Sr. No	Time	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
1	7.40am - 8.30am	Com -IV (Asst.Prof. Anamika)	F.C. (Asst.Prof. Jolly Dutta)	B. Eco (Asst.Prof. Shweta)	Law (Asst.Prof. Dimple)	Friday Auditing (Asst.Prof. Rafat)	Saturday Advig (Asst.Prof. Veena S.)
2	8.30am - 9.10am	Advig (Asst.Prof. Veena S.)	Com -IV (Asst.Prof. Anamika)	F.A. (Asst. Prof. B.S.Pandey)	F.C. (Asst.Prof. Jolly Dutta)	Law (Asst.Prof. Dimple)	Law (Asst.Prof. Dimple)
3	9.10am - 10.10am	F.C. (Asst.Prof. Jolly Dutta)	Auditing (Asst.Prof. Rafat)	F.A. (Asst. Prof. Kalpana)	Com -IV (Asst.Prof. Anamika)	B. Eco (Asst.Prof. Shweta)	F.A. (Asst. Prof. B.S.Pandey)
	10:10-10:20	Recess					
4	10.20am - 11.10am	F.A. (Asst. Prof. Kalpana)	Auditing (Asst.Prof. Rafat)	B. Eco (Asst.Prof. Shweta)	Advig (Asst.Prof. Veena S.)		

**S.Y.B.Com (B) Semester-IV**

Sr. No	Time	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
1	7.40am - 8.30am	Law (Asst.Prof. Dimple)	F.A. (Asst. Prof. Kalpana)	Auditing (Asst.Prof. Nilanjana)		F.A. (Asst. Prof. B.S.Pandey)	F.C. (Asst.Prof. Jolly Dutta)
2	8.30am - 9.10am	Com -IV (Asst.Prof. Anamika)	Advig (Asst.Prof. Veena S.)	F.C. (Asst.Prof. Jolly Dutta)	Com -IV (Asst.Prof. Anamika)	F.A. (Asst. Prof. B.S.Pandey)	Com -IV (Asst.Prof. Anamika)
3	9.10am - 10.10am	B. Eco (Asst.Prof. Shweta)	B. Eco (Asst.Prof. Shweta)	B. Eco (Asst.Prof. Shweta)	Auditing (Asst.Prof. Nilanjana)	Law (Asst.Prof. Dimple)	Auditing (Asst.Prof. Nilanjana)
	10:10-10:20	Recess					
4	10.20am - 11.10am	F.C. (Asst.Prof. Jolly Dutta)		Advig (Asst.Prof. Veena S.)		Advig (Asst.Prof. Veena S.)	Law (Asst.Prof. Dimple)

**T.Y.B.Com Semester-VI**

Sr. No	Time	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
1	7.40am - 8.30am	B. Eco (Asst.Prof. Asha)	Com-VI (Asst.Prof. Anamika)	F.A. (Asst.Prof. Rafat)	Com-VI (Asst.Prof. Anamika)	CA. (Asst.Prof. Kalpana)	F.A. (Asst.Prof. Rafat)
2	8.30am - 9.10am	Export (Asst.Prof. Aishwarya)	CA. (Asst.Prof. Nilanjana)		Tax (Asst.Prof. Kalpana)	F.A. (Asst.Prof. Rafat)	B. Eco (Asst.Prof. Asha)
3	9.10am - 10.10am	CA. (Asst.Prof. Nilanjana)	Tax (Asst.Prof. Kalpana)	Com-VI (Asst.Prof. Anamika)	Export (Asst.Prof. Aishwarya)	F.A. (Asst.Prof. Rafat)	Export (Asst.Prof. Aishwarya)
	10:10-10:20	Recess					
4	10.20am - 11.10am		Tax (Asst.Prof. Kalpana)		B. Eco (Asst.Prof. Asha)	CA. (Asst.Prof. Kalpana)	

*Anamika*  
TIMETABLE CHAIRPERSON



*[Signature]*  
HOD/COORDINATOR

*[Signature]*  
I/C PRINCIPAL  
Rajiv Gandhi College of Arts, Commerce & Science  
Vaashi, Navi Mumbai - 400 703

**Rajiv Gandhi College of Arts, Commerce & Science**  
(Permanently Affiliated to University of Mumbai)  
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Time Table For the Year 2022--2023

**F.Y.B.M.S Semester-II**

Sr.No	Time	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
1	7.40am - 8.30am	B.C. (Asst. Prof. Jolly)	Law (Asst. Prof. Dimple)	Pomktg (Asst. Prof. Anamika)	F.C. (Asst. Prof. Aishwarya)	B.E. (Asst. Prof. Shweta)	Pomktg (Asst. Prof. Anamika)
2	8.30am - 9.10am	PCMgt (Asst. Prof. Asha)	B.E. (Asst. Prof. Shweta)	Law (Asst. Prof. Dimple)	Law (Asst. Prof. Dimple)	Pomktg (Asst. Prof. Asha)	B.E. (Asst. Prof. Shweta)
3	9.10am - 10.10am	Pomktg (Asst. Prof. Anamika)	B.C. (Asst. Prof. Jolly)	F.C. (Asst. Prof. Aishwarya)	Maths (Asst. Prof. Swati)	Pomktg (Asst. Prof. Asha)	Maths (Asst. Prof. Swati)
	10-10-10.20	Recess					
4	10.20am - 11.10am	F.C. (Asst. Prof. Aishwarya)	B.C. (Asst. Prof. Jolly)	Pomktg (Asst. Prof. Asha)	Maths (Asst. Prof. Swati)	Law (Asst. Prof. Dimple)	Maths (Asst. Prof. Swati)
5	11.20am - 12 noon	B.E. (Asst. Prof. Shweta)	Maths - Tut (Asst. Prof. Swati)	F.C. (Asst. Prof. Aishwarya)	B.C. (Asst. Prof. Jolly)	Pomktg (Asst. Prof. Anamika)	B.E. - Tutorial (with PPT) (Asst. Prof. Jolly)

**F.Y.B.A.F Semester-II**

Sr.No	Time	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
1	7.40am - 8.30am	IFS (Asst. Prof. Nilanjana)	IFS (Asst. Prof. Nilanjana)	B.C. (Asst. Prof. Jolly)	IFS (Asst. Prof. Nilanjana)	F.C. (Asst. Prof. Asha)	Maths (Asst. Prof. Swati)
2	8.30am - 9.10am	Law (Asst. Prof. Dimple)	Maths (Asst. Prof. Swati)	F.C. (Asst. Prof. Asha)	Auditing (Asst. Prof. Veena)	IFS (Asst. Prof. Nilanjana)	F.A. (Asst. Prof. Rafat)
3	9.10am - 10.10am	F.A. (Asst. Prof. Rafat)	Auditing (Asst. Prof. Veena)	Auditing (Asst. Prof. Veena)	B.C. (Asst. Prof. Jolly)	B.C. (Asst. Prof. Jolly)	Auditing (Asst. Prof. Veena)
	10-10-10.20	Recess					
4	10.20am - 11.10am	F.A. (Asst. Prof. Rafat)	Maths (Asst. Prof. Swati)	Law (Asst. Prof. Dimple)	Law (Asst. Prof. Dimple)	Maths (Asst. Prof. Swati)	F.A. (Asst. Prof. Rafat)
5	11.20am - 12 noon	Maths - Tut (Asst. Prof. Archana)	Law (Asst. Prof. Dimple)	B.C. (Asst. Prof. Jolly)	F.C. (Asst. Prof. Asha)	F.C. (Asst. Prof. Asha)	B.C. - Tutorial (with PPT) (Asst. Prof. Jolly)

TIMETABLE CHAIRPERSON



HOD/CO-ORDINATOR

**I/C PRINCIPAL**  
Rajiv Gandhi College of Arts, Commerce & Science  
Vashi, Near Mumbai - 400 703





Rajiv Gandhi College  
Of Arts, Commerce and Science

Sainath Education Trust's  
**Rajiv Gandhi College**  
Of Arts, Commerce and Science

Plot no.16/17, Sector 10A, Vashi, Navi Mumbai, 400703  
{Affiliated to University of Mumbai}

## Notice

Date:05/08/2022

It is inform all the students of F.Y.B.Sc. to attend **BRIDGE COURSE** from 8/8/2022 to 13/08/2022 all students should compulsorily attend the course. The schedule is as follows

- 1) 8/8/2022- Classification of Animal Kingdom
- 2) 9/8/2022- Invertebrates and Vertebrates
- 3) 10/8/2022- Classification of Plant Kingdom
- 4) 11/8/2022- Ecology
- 5) 12/8/2022- Cytology
- 6) 13/8/2022- Basics of Genetics

*G. Subhashini*

Asst. Prof. G. Subhashini  
(Science Co-Ordinator)



**IQAC 2022-23**  
**ACTIVITY REPORT**  
BIOLOGY DEPARTMENT/COMMITTEE/FACULTY  
**IQAC ACTIVITY NO:**

<b>NAME OF THE ACTIVITY:</b> Bridge Course			
<b>DATE</b>	<b>FACULTY</b>	<b>DEPARTMENT/COMMITTEE</b>	<b>COORDINATOR NAME</b>
08 to 13.08.2022	Mrs G Subhashini	Biology	Mrs G Subhashini
<b>TIME</b>	<b>VENUE</b>	<b>NUMBER OF PARTICIPANTS</b>	<b>NATURE: OUTDOOR/INDOOR</b>
1030 - 1230 Hrs	RGC, Vashi	25	Indoor
<b>SUPPORT/ ASSISTANCE:</b>	Mr Vijay Sharma		

BRIEF INFORMATION ABOUT THE ACTIVITY (CRITERION NO - ): \_\_\_\_\_

<b>TOPIC/SUBJECT OF THE ACTIVITY</b>	Bridge Course
<b>OBJECTIVES</b>	To make students aware of the topics in Biology and bridge the gap between the subjects studied at Pre-University level and subjects they would be studying in graduation level.
<b>METHODOLOGY</b>	Lecture Method
<b>OUTCOMES</b>	Bridge Course provides students with the skills and knowledge they need to be successful in their new educational setting. It is a supplementary knowledge that is provided to students to impart basic knowledge about the advanced subjects.
<b>GUIDED BY:</b>	-----

PROOFS & DOCUMENTS ATTACHED (TICK MARK THE PROOFS ATTACHED):

1. Notice & Letters (√)	2. Student's list (√)	3. Activity report (√)	4. Photos (√)	5. Feedback Form (√)
6. Feedback analysis	7. News clip with details			

IQAC CELL ACTIVITY NUMBER: \_\_\_\_\_

<b>NAME OF TEACHER AND SIGNATURE</b>	<b>NAME OF HEAD/COMMITTEE INCHARGE &amp; SIGNATURE</b>	<b>PRINCIPAL'S SIGNATURE</b>	<b>IQAC COORDINATOR (SEAL &amp; SIGNATURE)</b>
Mrs. G Subhashini 	Mrs. G Subhashini 		 Co-ordinator Internal Quality Assurance Cell Rajiv Gandhi College of Arts, Commerce & Science Vashi, Navi Mumbai.
Mr. Raju Rathod 			



Sainath Education Trust's

# Rajiv Gandhi College

of Arts, Commerce, & Science, Vashi Navi Mumbai.  
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## Bridge Course Department Of Biology

### About The Course:

A bridge course in Biology was conducted for FYBSc (Biology) Students before commencement of First Year. The department of Biology organizes Bridge Course in Botany & Zoology to provide basic knowledge about the course to the students.

**Date:** 08 to 13 August, 2022

**Number of Sessions:** 06

**No of students Participated:** 25

### Sessions Taken By:

Asst. Prof. G Subhashini

Asst. Prof. Raju Rathod

### Objective:

- To make students aware of the topics in Biology and bridge the gap between the subjects studied at Pre-University level and subjects they would be studying in graduation level.
- The aim of teaching and learning of Biology is to encourage and enable students to have clarity, concept, terminology and awareness in different aspects of Biology.

### Methodology:

- Classroom lecture method by using specimens, models, slides and charts.
- The content includes plant and animal classification, cell biology, ecology and genetics.
- A test was conducted, before and after the completion of the Bridge Course, to assess the ability of students to grasp the subject and correlate the content of Bridge Course for further classes.





# Rajiv Gandhi College

of Arts, Commerce, & Science, Vashi Navi Mumbai  
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## ATTENDANCE

Activity Name : Bridge course

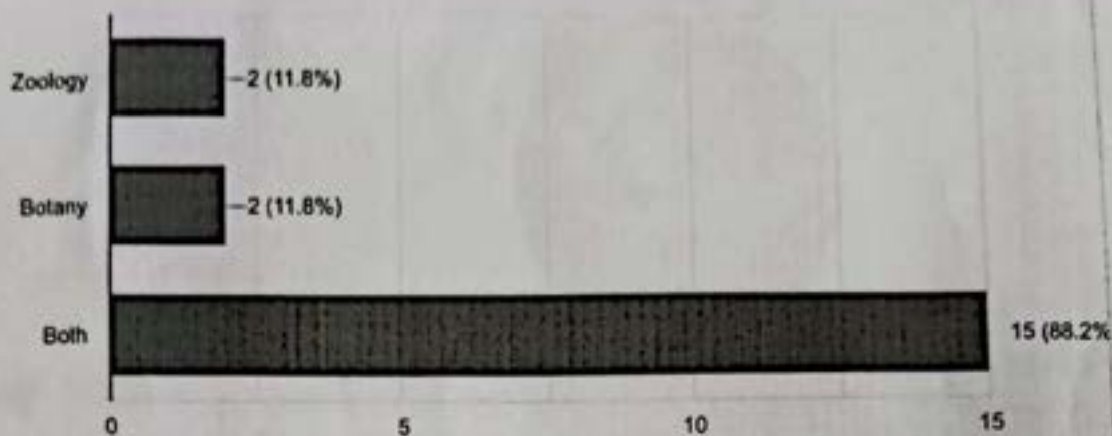
Date : 8 to 13 August 2022

Name Of Incharge/Resource Person : C. Subhashini / Raju Rathod

S.No	Students Name	Signature
1	Manuka Akbar Sana	
2	Reshami R. Upadhyay	
3	Sanjina M. Gupta	
4	Dhiraj Kewat	
5	Rinki Yadav	
6	Raziya Rakim Pathan	
7	Jachin Devkumari Choubey	
8	Nidhi Digamber Mishra	
9	Rushikesh Ratan saravade	
10	Anurag Singh	
11	Laiba Khan	
12	Vikas Migam	
13	Pranchari Yadav	
14	Fatima Sayyed	
15	Firoj Shaikh	
16	Khan Ayan	
17	Rizwan Shaikh	
18	Chondrika Paribar	
19	Sejal Mishra	
20	Asma Sidiqi	
21	Anjali Gupta	
22	Sachin Singh	

The following subject Bridge Course did you attended?

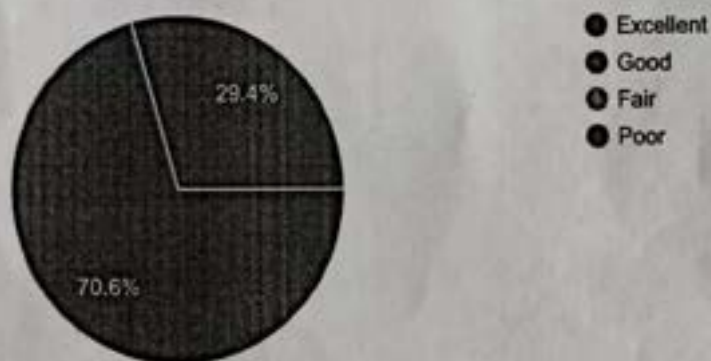
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How did you find the syllabus of this bridge course?

Copy

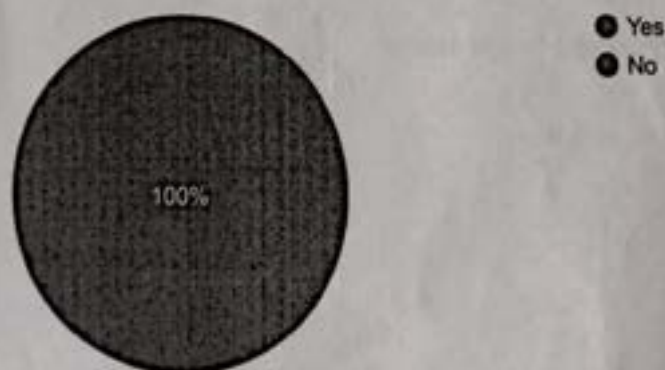
17 responses



Did you get basic knowledge of Biology from this course?

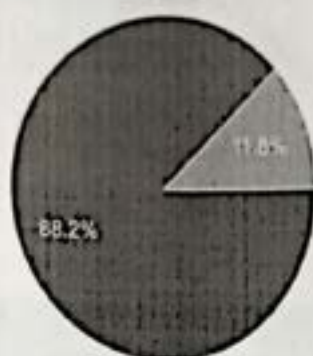
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17 responses



Did you find the teacher was effective in teaching this course?

17 responses



- Yes
- No
- Maybe

Any additional feedback related with this course.

17 responses

No

Good

No

No

No comment

Good

Nope.

No it was very proper and we clear all basics

I am very thankful to teachers for conducting bridge course

No, it was very proper and we clear all basics

Good

Nothing

Lectures should be more

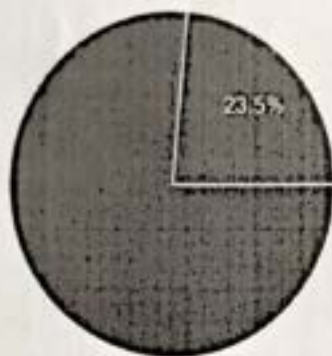
This was so good

Good

did you find the teaching method for this course?

Copy

responses



- Excellent
- Good
- Fair
- Poor



Name of the students

17 responses

Vikas govardhan nigam

Khan ayan

Menuka sana

Rizwan Rashid Shaikh

Rushikesh saravade

Dhiraj Suresh kawat

Sejal mishra

Nidhi Mishra

Chandrika Parihar

Sanjana gupta

Pathan raziya Rahim

Asma

Fatima sayyed

Reshami Upadhyay

Anurag Singh

Prem yadav

Laiba khan







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## Study Material for Bridge Course 2022-23

### Zoology

#### A. Classification of invertebrates:

##### 1) Phylum PROTOZOA

###### General Characters

- Protozoans were first discovered by Antony von Leuwenhoek
- The term was first coined by GOLDFUSS
- They are unicellular, body covered by plasmalemma or pellicle
- Digestion occurs by food vacuole, excretion by contractile vacuole, cell division by Nucleus,
- Paramoecium is binucleate (1 mega nucleus-nutritive in function, 1 micronucleus reproductive in function), respiration occurs by means of diffusion,
- Asexual reproduction occurs by binary fission or multiple fission or budding,
- Encystment occurs during unfavorable conditions.
- Old paramecia undergo sexual reproduction known as autogamy or Syngamy or conjugation (exchange of DNA material).
- Protozoans are immortal

Phylum Protozoa is classified based on locomotory organs into

###### a) RHIZOPODA

Pseudopodia are locomotory organ example Amoeba,

###### b) MASTIGOPHORA

Flagella are locomotory organ example-Euglena.

###### c) CILIOPHORA

Cilia are locomotory organs example-Paramoecium,

###### d) SPOROZOA

Locomotory organs are absent example-Plasmodium,

###### Important parasitic protozoans of MAN

- Plasmodium Trichomonas
- Trypanosoma
- Entamoeba



- Asexual reproduction and regeneration are absent
- Development includes Rhabditiform larva.
- Important harmful nematodes to MAN
  - Ascaris lumbricoides
  - Wuchereria bancrofti
  - Trichinella
  - Enterbious
  - Ancylostoma
  - Loa loa.

## 6) ANNELIDA

- They are triploblastic, coelomate and bilaterally symmetrical animals.
  - Body is divided into large number of segments or metameres, externally by annuli and internally by grooves.
  - Digestive system is complete, circulatory system is closed, respiratory pigment is haemoglobin or erythrocrurin (red), green pigment is chlorocruorin present in polychaeta.
  - Locomotion occurs by setae
  - Excretion occurs by nephridia,
  - Respiration occurs by skin, known as cutaneous respiration
  - Annelidans are hermaphrodites
  - Development includes larval stage known as trochophore larva.
  - Scale worm and paddle worm emits light in dark.
- Examples for Annelida are earthworm, leech etc

## 7) Arthropoda

- It is the largest phylum in animal kingdom
- Arthropoda means jointed legs
- Exoskeleton is in the form of chitinous cuticle, it undergoes shedding known as moulting or ecdysis
- They are triploblastic, bilaterally symmetrical and metamericly segmented.
- Body is divided into head, thorax and abdomen.
- Body cavity is filled with blood known as haemocoel, blood is white in colour due pigment haemocyanin
- Mouth parts adapted as per mode of feeding
- Digestive system is complete, divided into foregut, midgut & hindgut
- Salivary glands are present
- Respiration occurs by means of gills (aquatic), book lungs (scorpions), stigmata (insects), trachea (cockroach)
- Development occurs by metamorphosis. metamorphosis in insects occurs by hormone Neotinin.
- Disease carrying insects in man : are mosquitoes, housefly, sandfly, bedbug, head louse, Tse tse fly etc.
- Economically useful are: honey bee, lac insect, prawns, lobsters, crabs, silk moth etc.



## 8) MOLLUSCA

- Study of molluscan shells is known as conchology and study of mollusca is known as malacology.
  - Triploblastic, unsegmented bilaterally symmetrical, tissue grade organization, coelomate animals.
  - Digestive system is complete, presence of liver.
  - Respiration occurs by means of gills or lungs.
  - Excretion by kidneys
  - Exoskeleton is in the form of shell, made up of  $\text{CaCO}_3$
  - Sexes are separate, trochophore larva includes in development.
- Example: pila, unio, limnea, octopus etc

## 9) ECHINODERMATA

- Animals having spinous skin
  - They are triploblastic and radially symmetrical
  - Exoskeleton is in the form of chitinous spine
  - Animals contain a special system known as blood vascular system: heart is absent, digestive system is simple
  - excreteraAnimals having spinous skin
  - They are triploblastic and radially symmetrical
  - Exoskeleton is in the form of chitinous spine
  - Animals contain a special system known as blood vascular system: heart is absent, digestive system is simple
  - Excreterory organs are absent
  - Brain is absent
  - Animals reproduce by sexual reproduction, asexual is absent
  - Locomotion occurs by tube feet
  - Development is indirect
  - Regeneration capacity is high
- Example: star fishes, brittle stars, sea urchin, sea cucumber, sea lilies etc.

## B. Classification of vertebrates:

### 1) PROTOCHORDATA

- Divided into three sub-phyla:
  - Hemichordata (Example: Balanoglossus or tongue worm)
  - Urochordata (Example: Ascidae or Herdmania)
  - Cephalochordata (Example: Amphioxus)

### 2) CHORDATA (presence of notochord). Divided into:

#### Pisces:

- First jawed vertebrates
- Study of fishes is known as ichthyology
- Fishes are aquatic, gill breathing, spindle shaped animals

- Exoskeleton is in the form of scale
  - Locomotory organs are fins: pectoral, pelvic, dorsal, ventral and caudal fin
  - Pair of nostrils, eyes, internal ear are present
  - Lateral line sense organs are present—they detect pressure changes and act as rheoreceptors
  - Heart is two chambered, S shaped
  - Unisexual, oviparous or viviparous
  - Young fish is known as fry
- Example: Scoliodon, pomfret, cat fish, eel, bombil, salmon, catla

**Amphibia:**

- Dual mode of life (Land and Water)
  - Cold blooded animals or poikilothermic (temperature changes according to surroundings)
  - Exoskeleton is absent
  - Skin contains moist gland helping in respiration (cutaneous respiration)
  - Tetrapods having two pairs of legs
  - Endoskeleton is bony
  - Pair of eyes, pair of nostrils, pair of ears (ear contains middle ear and inner ear)
  - Heart contains three chambers; portal systems are well developed
  - Respiration occurs through skin, buccopharyngeal cavity and lungs; during larval stage respiration occurs by gills
  - Brain is well developed
  - Excretion occurs by mesonephric kidneys
  - Unisexual, male contains vocal chords
  - Caecilians are limbless amphibians
  - Salamanders' body divided into: head, trunk and tails
  - Development is indirect, oviparous, exhibit parental car
- Example: frog, toad, bufo

**Reptiles:**

- Cold blooded creeping animals
- First, true land vertebrates
- Body divided into: head, neck, trunk and tail
- Exoskeleton is in the form of horny scale, scutes and dry
- Tetrapods and pentadactylus; limbs are paddle like in turtles and limbs are absent in snakes except in python
- Eyes are protected by an upper lid, lower lid and nictating membrane
- Digestive system is complete
- Jaws contain teeth (homodont and acrodont)
- Respiration occurs by means of lungs, gills, cloaca
- Heart is incompletely divided into four chambers
- Nervous system is well developed
- Excretion occurs by metanephric kidneys
- Urinary bladder is present except in snakes



- Unisexual, development is direct-larval stage is absent  
Example: crocodile, python, lizard, chameleon, komodo dragon

#### **Aves (Birds):**

- Study of birds is known as ornithology
- Body is covered by feathers (useful for protection, heat retention and flight)
- Feathers are arranged in definite points known as pterylae; featherless area is known as apteria
- Body is divided into: head, neck, trunk and tail
- Forelimbs are modified wings
- Skin contains wax glands or preen glands which keep feathers waterproof
- Birds are toothless but contain horny sheath called as rhamphotheca
- Digestive system is complete; contains crop
- Respiratory system is well developed: contains lungs and air sacs
- Birds undergo double respiration
- Heart is four chambered, only right systemic arch is present
- Nervous system is well developed
- Olfactory organs are poorly developed
- Eyes are well developed; contains special structure known as pecten-protecting retina from high intensity light
- Excretion occurs by metanephric kidneys
- Male and female birds are separate
- Parental care is common in birds
- Male and female feed young ones by secreting crop milk
- Flightless birds are included in sub-order ratitae (Example: ostrich-largest ostrich)  
Example: kiwi, hen, duck, pigeon, sparrow, crow, humming bird (smallest bird) etc.

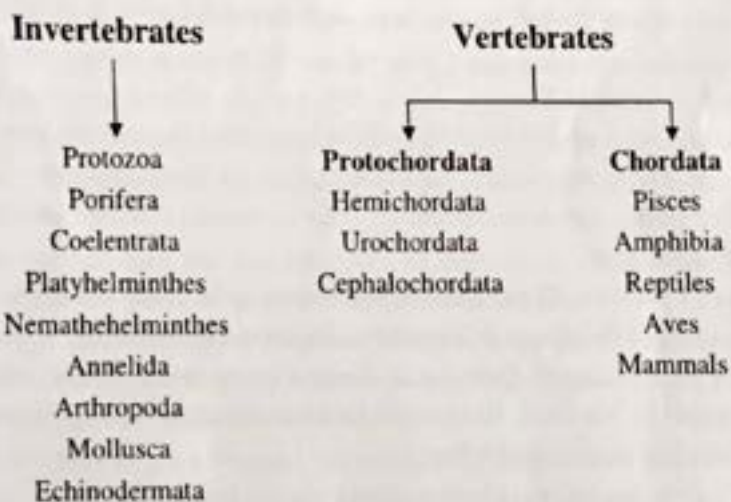
#### **Mammals:**

- Animals which possess mammary glands
- Study of mammals is mammology
- Warm blooded or homiothermic animals
- Body divided into head, neck, trunk and tail
- Skin is covered by hair (exoskeleton); in aquatic mammals (ex: whale) hair is absent
- Mammary glands are modified as sebaceous glands: well developed in female and rudimentary in male
- Tetrapod, pentadactyl limbs are present-help in running, walking, climbings
- In whales and sea cows hind limbs are absent
- Digestive system is well developed
- Teeth are diphyodont
- Respiration occurs by lungs
- Heart is four chambered
- RBC are enucleated
- Nervous system is well developed
- Brain is well developed and covered by meninges

- Excretion occurs by metanephric kidneys
- Sense organs are well developed
- Eyes contain eye lashes; nictating membrane is absent
- Ear is made up of: external, middle, inner ear
- Sexes are separate
- Placenta is formed by uterine tissue (made by allantois, chorion and amnion)
- Period of development of embryo in the uterus of mother is known as gestation period  
Example: man, tiger, lion, horse, dolphin, whale, camel, donkey, penguin, dog



### Classification of Animal Kingdom



## Cytology

- Study of cells is called as cytology.
- Cell was first discovered by Robert Hooke
- Cell is a structural and functional unit.
- Animal cell was discovered by Antony von Leuwenhoek.
- Cells are basically divided into two types,
- Prokaryotic cell; it is a primitive cell no organized nucleus, DNA is circular, golgi complex, lysosomes, endoplasmic reticulum, mitochondria, centioles are absent, Ex: bacteria, virus
- Eukaryotic cell; it is well developed cell with organized nucleus, DNA is double helix, golgi complex, lysosomes, endoplasmic reticulum, mitochondria, centioles are present, Ex: plant cell & animal cell.
- Each animal cell is enclosed by a membrane called as plasma membrane,
- Each plant cell is protected by cell wall.
- Nucleus was discovered by Robert Brown.
- Nucleus contains nuclear membrane (karyotheca), karyoplasma, chromosomes, nucleolus,
- Chromosomes are double thread like structures, each thread is known as chromatid, connected by centromere.
- Nucleolus was discovered by Fontana
- Nucleolus develops RNA (m-RNA, t-RNA, r-RNA), and undergoes protein synthesis,
- Mitochondria was discovered by Altmann & Benda, they are also called as bioplasts.
- Mitochondria is a double membrane structure, inner membrane is folded into finger like projections called as cristae,
- Cristae contains F1 particles, F1 particles are also known as Ferguson particles.
- Mitochondria contains DNA, hence it is known as Autonomous organelle,
- Enzymes required for glycolysis, Krebs cycle, electron transport are present in mitochondria, 38ATP are produced by one cycle. Hence mitochondria are called as power house of the cell,
- Endoplasmic reticulum discovered by Porter
- It is a net work connecting nuclear membrane with plasma membrane.
- It is of two types: (1) rough endoplasmic reticulum: ribosomes are present (2) smooth endoplasmic reticulum: ribosomes are absent.
- Lysosomes or suicidal bags, discovered by Christina de Duve
- They undergo lysis or cell drinking, or autolysis (eliminating toxins)
- Golgi complex: it was discovered by Camillo Golgi, it performs all secretory functions, commonly called as post man of the cell (collecting, sorting and distributing of enzymes), it also forms complex known as GERL complex (Golgi Endoplasmic Reticulum Lysosomes).
- Plant cell contains Chloroplasts, each chloroplast is made of 2 regions, pigmented part is known as Grana, and other region is known as stroma,
- special cells known as Quantasomes are capable of absorbing a mole quantum of light, it triggers chlorophyll pigment and photosynthesis occurs, quantasome is a photosynthetic unit

## Cell Division

- Every plant and animal has its life cycle known as cell cycle
- It includes 2 stages: (1) Interphase ; (2) Mitosis or Meiosis
- Interphase or resting period, it is period of intense synthesis and growth
- Mitotic division; it includes cytokinesis & karyokinesis
- Karyokinesis is of 4 stages: Prophase, Metaphase, Anaphase, Telophase
- Prophase: thickening and shorting of chromosomes and at the end of the phase nuclear membrane and nucleolus disappears.
- Metaphase: chromosomes are attached by spindle fibers or astral rays, all chromosomes are arranged equatorial plate.
- Anaphase: centromeres will split into 2, pulling or repulsion of spindle fibres occurs, chromatids are pulled to respective poles.
- Telophase: chromosomes reached at poles develop nuclear membrane & nucleolus
- Cytokinesis occurs by developing cell furrow & cell plate
- Significance: maintains genetic stability, same number of chromosomes are present in parent and offspring.
- It occurs for the growth of organism, somatic cells, repair and replacement of cells.
- Meiosis: or reduction division, diploid (2N) is reduced to haploid (N)
- Meiotic cycle involves two nuclear divisions: first meiotic division and second meiotic division
- In first meiotic division, chromosome number reduced to half without any division of the chromosome
- In second meiotic division involves separation of chromosomes into chromatid and the chromosome number obtained in the first division is maintained
- First meiotic division-1 contains: Prophase, Metaphase, Anaphase, Telophase
- Prophase-1 is the longest stage which contains leptotene, zygotene, pachytene, diplotene and diakinesis; nuclear membrane and nucleolus are lost
- Metaphase-1: chromosomes arranged in the equatorial region of the cell
- Anaphase-1: the bivalent chromosomes move towards the poles
- Telophase-1: nuclear membrane are formed in the groups of chromosomes; at the end, two nuclei within a single cell are formed.
- Second meiotic division-2 contains: Prophase, Metaphase, Anaphase, Telophase
- Prophase-2: Breakdown nuclear membrane and nucleolus; chromosomes are already double each having two chromatids and a centromere
- Metaphase-2: Chromosomes arrange themselves at the equator
- Anaphase-2: Centromeres splits and two chromatids migrate to the poles
- Telophase-2: Nucleolus and nuclear membrane reappears and now possesses half the number of chromosomes present in the original mother cell
- Four haploid cells are produced as a result of meiosis in a diploid cell; It leads to variations in genotype and phenotype of off springs
- During meiosis crossing over occurs between homologous chromosomes and these result in the formation of new combination of allele on chromosomes of the gametes.





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Date:23<sup>rd</sup> March,2023

## NOTICE

Remedial classes are being arranged for students. All the students of First Year B.Com are advised to contact their subjective teachers, remedial Lectures for SEM-2 are scheduled from 25<sup>th</sup> Mar,2023 till 01<sup>st</sup> Apr,2023.Those students who have any difficulties in any subjects, need to attend the same. The scheduled is as follows:

DATE	SUBJECT	TIME
25-03-2023	Accountancy & Financial Management-II	11:00 am -12:30 pm
27-03-2023	Mathematical & Statistical Techniques-II	11:00 am -12:30 pm
28-03-2023	Business Economics-II	11:00 am -12:30 pm
29-03-2023	Business Communication-I	11:00 am -12:30 pm
30-03-2023	Commerce-II	11:00 am -12:30 pm
31-03-2023	Environmental Studies-II	11:00 am -12:30 pm
01-04-2023	Foundation Course-II	11:00 am -12:30 pm



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F.Y.B.Com - A

Attendance Sheet for Remedial Lectures

Name of the Subject:- Accountancy & Financial Management Date:- 25/03/2023

Name of the faculty:- Kalpna Sonawane Programme:- B.Com

Sr.No	Roll No	Name of Students	Sign
1.	112	Aarti Rohit Kanajiya	Aarti
2.	113	Soni Sushil Thakur	Soni
3.	114	Prathima Dinesha Prajapati	Prathima
4.	101	Shanti Dashaarath Mandale	Shanti
5.	102	Parvati Ramesh Chandra Dule	Parvati
6.	192	Vanshika Rajkumar Kishore	Vanshika
7.	161	Niva muna chaurasiya	Niva
8.	164	Paiti Hazendra Prasad	Paiti
9.	151	Gupta Sanjana Rakesh	Sanjana
10.	152	Goswami Hemlata Rajupuri	Hemlata
11.	149	Sayali Hamant Salunkhe	Sayali
12.	126	Jadhav Rahini Appasa	R.A. Jadhav
13.	120	Prajakta Shantaram Posture	P. Posture
14.	135	Ranjana Pramod Singh	Ranjana
15.	134	Shashikala Shivram Yadav	Shashikala
16.	165	Rajlaxmi Kailash Behera	Rajlaxmi
17.	215	Kushal Dilip Singh	Kushal Singh
18.	216	Preeti Nagan Singh Naganji	Preeti Singh
19.	217	Akanksha (Suryabali) Yadav	Akanksha
20.	142	YADAV VEERU RAMASHISH	VEERU
21.	207	Kuldeep Chandu Bhardi	Kuldeep
22.	103	Fizakhaton Akbar Ansari	Fiza
23.	198	Anjali Rajman Prajapati	Anjali
24.	109	Anjali Ajit Gaud	Anjali
25.	136	Anjali Kailas Jaiswar	Anjali



K. Sonawane  
25/03/23

(Asst. Prof. Kalpana A. Sonawane)



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FY B Com - B

Attendance Sheet for Remedial Lectures

Name of the Subject: Accountancy & Financial Management Date: 25/03/2023

Name of the faculty: Asst. Prof. Kalpana S. Programme: B. Com

Sr.No	Roll No	Name of Students	Sign
1.	318	Vishakha Suresh Raibhev	Vishakha
2.	311	AKANKSHA AKHILESH GUPTA	AKANKSHA
3.	296	KHAN ISRAR FAZILAHMAD	ISRAR
4.	309	SIMRAN KAUSHALKUMAR GUPTA	SIMRAN
5.	268	SUSHMA . M . PATHAK	SUSHMA ...
6.	236	SUSHMA SANTOSH GUPTA	SUSHMA
7.	290	AYUSHI MURLI LALWAT	AYUSHI
8.	265	RUBY THAKUR	RUBY
9.	259	PRITI KANHAJIYAL GUPTA	PRITI
10.	222	PRIYANCA GAYAN SINGH MARGAYI	PRYANCA
11.	266	PRINCA MITHUN CHAUDHARI	PRINCA
12.	267	SHUBHANGI PAMESHVAR CHAUDHARI	SHUBHANGI
13.	232	Syed Nusrat Magsood	Nusrat
14.	315	JURUG SANJOY KALE	JURUG
15.	304	KANAN VIJAY BHOTE	KANAN
16.	261	SHAIKH AFTAB GULZAR ALAM	AFTAB
17.	264	VICKY PRCHAD DHOBI	VICKY
18.	298	YADAV ANIKET JARSINGH	ANIKET
19.	308	SURAJ HRIDAYRAM MOURYA	SURAJ
20.			



(K. Kalpana S.)  
25/03/23

(Asst. Prof. Kalpana S.)



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FYB Com - C

Attendance Sheet for Remedial Lectures

Name of the Subject:- Accountancy & Financial Management Date:- 25/03/2023

Name of the faculty:- Asst. Prof. Kalpana S. Programme:- B.Com.

Sr.No	Roll No	Name of Students	Sign
1.	379	Shivkumar Gajjar	Shivkumar
2.	342	Anand Rao	Anand
3.	429	Pradeep Kumar Vishwakarma	Pradeep
4.	352	Aakash Gupta	Aakash
5.	371	Ravankumar Karkar	Ravankumar
6.	384	Sahban Ansari	Sahban
7.	370	Abhishek Mishra	Abhishek
8.	399	Hariti Mishra	Hariti
9.	337	Anima Rajbhar	Anima
10.	335	Jyoti Kanaiya	Jyoti
11.	401	Adarsh Shivaji Rajgopal	Adarsh
12.	434	Karan Ramanaad Dubey	Karan
13.			
14.			
15.			
16.			
17.			
18.			
19.			
20.			



Denawane  
25/03/23

(Asst. Prof. Kalpana S.)



LOG DETAILS A.Y. 2022-23

DEPARTMENT OF COMPUTER SCIENCE / INFORMATION TECHNOLOGY

NAME OF THE TEACHER : ASST. PROF. ANITA YADAV

SEM I, III, V

DATE/WEEKDAY	CLASS	SUBJECT	TOPICS TO BE COVERED	TOPIC COVERED	METHODOLOGY USED	ASSIGNMENT
13/06/2022		Database Management System			Lecture method. Explaining the previous concept	
Monday	SYBSC(IT)	Information and Network Security	What is database	What is database		
	TYBSC(CS)	Internet of things	Basic of Networking	Basic of Networking	ICT Method /Youtube	
	T.Y.B.SC(IT)					
14/06/2022		Database Management System				
Tuesday	SYBSC(IT)	Information and Network Security	Recall the topics what is security ,need of security	Recall the topics what is security .Need of security	Discussion Q&A	
	TYBSC(CS)	Internet of things	Introduced Smart gadget in our surrounding	introduced Smart gadget in our surrounding	Concept Explanation and Discussion	
	T.Y.B.SC(IT)					
15/06/2022		Database Management System				
	SYBSC(IT)					



ANITA YADAV



LOG DETAILS A.Y. 2022-23

DEPARTMENT OF COMPUTER SCIENCE / INFORMATION TECHNOLOGY

NAME OF THE TEACHER : ASST. PROF. ANITA YADAV

SEM I, III, V

DATE/WEEKDAY	CLASS	SUBJECT	TOPICS TO BE COVERED	TOPIC COVERED	METHODOLOGY USED	ASSIGNMENT
Wednesday						
	TYBSC(CS)	Information and Network Security	Revision on what is threats	Revision on what is threats	Concept Explanation Using PPT	
	T.Y.B.SC(IT)	Internet of things				Assignment 1
16/06/2022						
	SYBSC(IT)	Database Management System	Need of database	Need of database	Concept Explanation Using ICT Method	
Thursday						
	TYBSC(CS)	Information and Network Security				
	T.Y.B.SC(IT)	Internet of things	Revision on what is internet and network	Revision on what is internet and network	ICT Method /Youtube	
17/06/2022						
	SYBSC(IT)	Database Management System				
Friday						
	TYBSC(CS)	Information and Network Security				
	T.Y.B.SC(IT)	Internet of things	Revision on Type of Computer Network and uses	Revision on Type of Computer Network and uses	ICT Method /Youtube	





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LOG DETAILS A.Y. 2022-23

DEPARTMENT OF COMPUTER SCIENCE / INFORMATION TECHNOLOGY

NAME OF THE TEACHER : ASST. PROF. ANITA YADAV

SEM I, III, V

DATE/WEEKDAY	CLASS	SUBJECT	TOPICS TO BE COVERED	TOPIC COVERED	METHODOLOGY USED	ASSIGNMENT
18/06/2022	SYBSC(IT)	Database Management System	Application of database	Application of database	Lecture method :Concept Explanation	Assignment
Saturday	TYBSC(CS)	Information and Network Security				
	T.Y.B.SC(IT)	Internet of things	Introduction of internet of thing	Introduction of internet of thing	Concept Explanation	
Monday	SYBSC(IT)	Database Management System	Introduction to Databases	Introduction to Databases	Revision	
20-06-2022	TYBSC(CS)	Information and Network Security	Introduction of Network security	Introduction of Network security	Recall basic networking concept	
	T.Y.B.SC(IT)	Internet of things	Introduction of IOT, Application of internet of things ,	Introduction of IOT, Application of internet of things ,	introduction of subject using (PPT)	Assignment





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LOG DETAILS A.Y. 2022-23

DEPARTMENT OF COMPUTER SCIENCE / INFORMATION TECHNOLOGY

NAME OF THE TEACHER : ASST. PROF. ANITA YADAV

SEM I, III, V

DATE/WEEKDAY	CLASS	SUBJECT	TOPICS TO BE COVERED	TOPIC COVERED	METHODOLOGY USED	ASSIGNMENT
Tuesday	SYBSC(IT)	Database Management System	Purpose of database system, view of data, relational databases.	Purpose of database system, view of data, relational databases.	Introduction of subject	
21-06-2022	TYBSC(CS)	Information and Network Security	Advantage and Disadvantage of Network Security	Advantage and Disadvantage of Network Security	Explain the concept with example.	
	T.Y.B.SC(IT)	Internet of things	Advantage of Internet of things.	Advantage of Internet of things.		
Wednesday	SYBSC(IT)	Database Management System	View of data, relational databases, Advantage and Disadvantage DB.	View of data, relational databases, Advantage and Disadvantage DB.	Concept Explanation	
22-06-2022	TYBSC(CS)	Information and Network Security	Attack and type of attacks	Attack and type of attacks		
	T.Y.B.SC(IT)	Internet of things	Disadvantage of Internet of thing	Disadvantage of Internet of thing		
Thursday	SYBSC(IT)	Database Management System	Advantage of Database	Advantage of Database	Discuss	







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LOG DETAILS A.Y. 2022-23

DEPARTMENT OF COMPUTER SCIENCE / INFORMATION TECHNOLOGY

NAME OF THE TEACHER : ASST. PROF. ANITA YADAV

SEM I, III, V

DATE/WEEKDAY	CLASS	SUBJECT	TOPICS TO BE COVERED	TOPIC COVERED	METHODOLOGY USED	ASSIGNMENT
23-06-2022	TYBSC(CS)	Information and Network Security	Security policy	Security policy		
	T.Y.B.SC(IT)	Internet of things	Application of IOT	Application of IOT	With help of PPT and PDF Explain the topics	
Friday	SYBSC(IT)	Database Management System	Disadvantage of Database	Disadvantage of Database		
24-06-2022	TYBSC(CS)	Information and Network Security	Introduction: Security Trends,	Introduction: Security Trends,	Security Type discussion with example	
	T.Y.B.SC(IT)	Internet of things	Design Principles for Connected Devices	Design Principles for Connected Devices	Concept Explanation	
Saturday	SYBSC(IT)	Database Management System	Database architecture, transaction management .	Database architecture, transaction management .	Explain with architecture diagram	





**ACADEMIC PLANNER A.Y. 2022-23**

DEPARTMENT OF COMPUTER SCIENCE / INFORMATION TECHNOLOGY

NAME OF THE TEACHER : ASST. PROF SAROJINI BIRADAR

SEM-I, III, V

Date	Class	Subject	Topic to be covered	Activities Planned	Reference books
13/06/2022	SYBSC(IT)	Python Programing	Revision of Programming Concepts: Data types	Brain Storming and Q and A	
	TYBSC(IT)	Artificial Intelligence	Revision on Python Programming Concepts : Data type, indentation	Practical Demonstration	
	TYBSC(CS)	Artificial Intelligence	Revision on Python Programming Concepts : Data type, indentation	Practical Demonstration	
	SYBSC(CS)	DBMS			
14/06/2022	SYBSC(IT)	Python Programing	Revision of Programming Concepts: operators	Brain Storming and Q and A	
	TYBSC(IT)	Artificial Intelligence	Revision on Python Programming Concepts: If and IF-else	Practical Demonstration	
	TYBSC(CS)	Artificial Intelligence	Revision on Python Programming Concepts : IF and If-Else	Practical Demonstration	
	SYBSC(CS)	DBMS	Revision: Basics of DBMS	Brain Storming and Q and A	
15/06/2022	SYBSC(IT)	Python Programing			
	TYBSC(IT)	Artificial Intelligence	Revision on Python Programming Concepts : Looping	Practical Demonstration	
	TYBSC(CS)	Artificial Intelligence	Revision on Python Programming Concepts : Looping	Practical Demonstration	
	SYBSC(CS)	DBMS	Revision: DDL Statements	Practical Demonstration	
16/06/2022	SYBSC(IT)	Python Programing	Revision of Programming Concepts: Control statements	Brain Storming and Q and A	
	TYBSC(IT)	Artificial Intelligence			
	TYBSC(CS)	Artificial Intelligence			
	SYBSC(CS)	DBMS	Revision: DML Statements	Practical Demonstration	
17/06/2022	SYBSC(IT)	Python Programing			
	TYBSC(IT)	Artificial Intelligence	Revision on Python Programming Concepts : Function and class	Practical Demonstration	
	TYBSC(CS)	Artificial Intelligence	Revision on Python Programming Concepts : Function and class	Practical Demonstration	
	SYBSC(CS)	DBMS		Practical Demonstration	
18/06/2022	SYBSC(IT)	Python Programing	Revision of Programming Concepts: OOps	Brain Storming and Q and A	
	TYBSC(IT)	Artificial Intelligence			
	TYBSC(CS)	Artificial Intelligence			
	SYBSC(CS)	DBMS	Revision: SQL select queries	Practical Demonstration	



Date	Class	Subject	Topic to be covered	Activities Planned	Reference books
6/20/2022 Monday	TYBSC IT	Artificial Intelligence	Introduction to What is Artificial Intelligence?	Introduction to subject	Allen Downey
	TYBSC CS	Artificial Intelligence	Introduction to What is Artificial Intelligence?		
	SYBSC IT	Python Programing	The Python Programming Language		
	SYBSC CS	DBMS			
6/21/2022 Tuesday	TYBSC IT	Artificial Intelligence	Foundations of AI	Explanation of Concept by real world ex.	Allen Downey
	TYBSC CS	Artificial Intelligence	Foundations of AI		
	SYBSC IT	Python Programing	History, features		
	SYBSC CS	DBMS			
6/22/2022 Wednesday	TYBSC IT	Artificial Intelligence	History and the state of art AI today	Discussion of AI Application with students	
	TYBSC CS	Artificial Intelligence	History and the state of art AI today		
	SYBSC IT	Python Programing			
	SYBSC CS	DBMS			
6/23/2022 Thursday	TYBSC IT	Artificial Intelligence	Intelligent Agents: agents and environment	Concept Explanation	Allen Downey
	TYBSC CS	Artificial Intelligence	Intelligent Agents: agents and environment		
	SYBSC IT	Python Programing	Installing Python, Running Python program	Practical demonstration	
	SYBSC CS	DBMS	Introduction to DBMS		



6/24/2022 Friday	TYBSC IT	Artificial Intelligence	Good behavior & nature of environment	Concept Explanation	Allen Downey
	TYBSC CS	Artificial Intelligence	Good behavior & nature of environment		
	SYBSC IT	Python Programing	Debugging : Syntax Errors, Runtime Errors, Semantic Errors	Practical demonstration	
	SYBSC CS	DBMS	Languages: DDL, DML,DCL,DQL		
6/25/2022 Saturday	TYBSC IT	Artificial Intelligence	The structure of agents	Concept Explanation	Allen Downey
	TYBSC CS	Artificial Intelligence	The structure of agents		
	SYBSC IT	Python Programing	Experimental Debugging, Formal and Natural Languages	Practical demonstration	
	SYBSC CS	DBMS	DDL Statements		
6/26/2022 Sunday					
6/27/2022 Monday	TYBSC IT	Artificial Intelligence	Problem solving agents	Concept Explanation	Allen Downey
	TYBSC CS	Artificial Intelligence	Problem solving agents		
	SYBSC IT	Python Programing	The Difference Between Brackets, Braces, and Parentheses	Practical demonstration	
	SYBSC CS	DBMS	Different Select statements		
6/28/2022 Tuesday	TYBSC IT	Artificial Intelligence	examples problems	Concept Explanation	Allen Downey
	TYBSC CS	Artificial Intelligence	examples problems		
	SYBSC IT	Python Programing	Variables and Expressions/Values and Types, Variables, Variable Names and Keywords	Practical demonstration	
	SYBSC CS	DBMS	Insert and delete staments		



6/29/2022 Wednesday	TYBSC IT	Artificial Intelligence	searching for solutions	Concept Explanation	Allen Downey
	TYBSC CS	Artificial Intelligence	searching for solutions	Practical demonstration	
	SYBSC IT	Python Programing	Type conversion		
	SYBSC CS	DBMS	update statements and some queries with select		
6/30/2022 Thursday	TYBSC IT	Artificial Intelligence	uninformed search	Concept Explanation	Allen Downey
	TYBSC CS	Artificial Intelligence	uninformed search	Practical demonstration	
	SYBSC IT	Python Programing	Interactive Mode and Script Mode, Order of Operations		
	SYBSC CS	DBMS			
7/1/2022 Friday	TYBSC IT	Artificial Intelligence	uninformed search	Concept Explanation	Allen Downey
	TYBSC CS	Artificial Intelligence	uninformed search	Practical demonstration	
	SYBSC IT	Python Programing	Conditional Statements: if, if-else, nested if-else		
	SYBSC CS	DBMS			
7/2/2022 Saturday	TYBSC IT	Artificial Intelligence	informed search	Concept Explanation	Allen Downey
	TYBSC CS	Artificial Intelligence	informed search	Practical demonstration	
	SYBSC IT	Python Programing	Conditional Statements: if, if-else, nested if-else		
	SYBSC CS	DBMS	Overview of PL/SQL: Advantages of PL/SQL.		
7/3/2022 Sunday					
7/4/2022 Monday	SYBSC(IT)	Python Programing	for, while	Concept Explanation	Think Python by Allen Downey
			searching for solutions, uninformed search		Artificial Intelligence: A Modern Approach Stuart Russel and Peter Norvig
	TYBSC(IT)	Artificial Intelligence		Concept Explanation	Artificial Intelligence: A Modern Approach Stuart Russel and Peter Norvig
	TYBSC(CS)	Artificial Intelligence	searching for solutions, uninformed search		Artificial Intelligence: A Modern Approach Stuart Russel and Peter Norvig
	SYBSC(CS)	DBMS	Main Features of PL/SQL, Architecture of PL/SQL	Concept Explanation	Oracle PL/Sql Training Guide., Training guide, BPB Publications, 2016



7/5/2022 Tuesday	SYBSC(IT)	Python Programing	nested loops	Concept Explanation	Think Python by Allen Downey
	TYBSC(IT)	Artificial Intelligence	uninformed search	Concept Explanation by PPT	Artificial Intelligence: A Modern Approach Stuart Russel and Peter Norvig
	TYBSC(CS)	Artificial Intelligence	uninformed search	Concept Explanation by PPT	Artificial Intelligence: A Modern Approach Stuart Russel and Peter Norvig
	SYBSC(CS)	DBMS	Fundamentals of PL/SQL: Character Sets,	Concept Explanation	Oracle PL/Sql Training Guide., Training guide, BPB Publications, 2016
7/6/2022 Wednesday	SYBSC(IT)	Python Programing	Practicals on for and While concept	Practical session	Think Python by Allen Downey
	TYBSC(IT)	Artificial Intelligence	informed search	Concept Explanation by PPT	Artificial Intelligence: A Modern Approach Stuart Russel and Peter Norvig
	TYBSC(CS)	Artificial Intelligence	informed search	Concept Explanation by PPT	Artificial Intelligence: A Modern Approach Stuart Russel and Peter Norvig
	SYBSC(CS)	DBMS			
7/7/2022 Thursday	SYBSC(IT)	Python Programing	Control statements: Terminating loops, skipping specific conditions	Concept Explanation	Think Python by Allen Downey
	TYBSC(IT)	Artificial Intelligence	informed search	Concept Explanation by PPT	Artificial Intelligence: A Modern Approach Stuart Russel and Peter Norvig
	TYBSC(CS)	Artificial Intelligence	informed search	Concept Explanation by PPT	Artificial Intelligence: A Modern Approach Stuart Russel and Peter Norvig
	SYBSC(CS)	DBMS	Lexical Units, Declarations, References to Identifiers	Practical session	Oracle PL/Sql Training Guide., Training guide, BPB Publications, 2016
7/8/2022 Friday	SYBSC(IT)	Python Programing	Functions: Function Calls, Type Conversion Functions	Concept Explanation	Think Python by Allen Downey
	TYBSC(IT)	Artificial Intelligence			
	TYBSC(CS)	Artificial Intelligence	Practical	Practical session	
	SYBSC(CS)	DBMS	Scope and Visibility of Identifiers, Assigning Values to Variables,	Concept Explanation	Oracle PL/Sql Training Guide., Training guide, BPB Publications, 2016
7/9/2022 Saturday	SYBSC(IT)	Python Programing	Math Functions, Composition,	Concept Explanation	Think Python by Allen Downey
	TYBSC(IT)	Artificial Intelligence	Practical	Practical session	
	TYBSC(CS)	Artificial Intelligence			
	SYBSC(CS)	DBMS	Expressions, Error-Reporting Functions, Data Types.	Concept Explanation	Oracle PL/Sql Training Guide., Training guide, BPB Publications, 2016
7/10/2022 Sunday					
7/11/2022 Monday	SYBSC(IT)	Python Programing	Adding New Functions, Definitions and Uses	Concept Explanation	Think Python by Allen Downey





Sainath Education Trust's

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Date: 29th September 2022

Commerce Department 2022-23

## NOTICE

All faculty members of Commerce, BMS & BAF are hereby informed that there will be a Staff Meeting on Friday, 30th September 2022 at 12.30 p.m. at staff room to discuss the following Agenda :

1. Status of SY Syllabus.
2. Question papers preparation for Regular exams of SY classes.
3. Status of FY syllabus
4. Any other matter with consent of Coordinator

Faculties

Asst. Prof. Shaikh Rafat Jahan - Commerce Coordinator

Asst. Prof. Anamika Singh - BMS Coordinator

Asst. Prof. Veena Sawant - B.Com Coordinator

Asst. Prof. Nilanjana Mazumdar - B.A.F Coordinator

Asst. Prof. Shweta Shetty

Asst. Prof. Jolly Dutta

Asst. Prof. Aishwarya Patil

Asst. Prof. Kalpana Sonawane

Asst. Prof. Dimple Joya

Asst. Prof. Asha Durgade

Coordinator





Sainath Education Trust's

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## Minutes of the Meeting

**Date:-** 30th September 2022. Friday

**Time:** - 12.30 pm - 01:30 pm

**Meeting held:** at 3rd floor in the staff room.

**Attended by :**

Asst. Prof. Shaikh Rafat Jahan - Commerce Coordinator

Asst. Prof. Anamika Singh - BMS Coordinator

Asst. Prof. Veena Sawant - B.Com Coordinator

Asst. Prof. Nilanjana Mazumdar - B.A.F Coordinator

Asst. Prof. Shweta Shetty

Asst. Prof. Jolly Dutta

Asst. Prof. Aishwarya Patil

Asst. Prof. Kalpana Sonawane

Asst. Prof. Dimple Joya

Asst. Prof. Asha Durgade

**The following discussion took place :**

**Agenda 1 :**

- Updates taken from faculties on SY classes because exams are near.
- Faculties are asked to submit their question papers with two sets on exam - email id and submit the Hard Copies latest by 7th October 2022.

**Agenda 2 :**

- Faculties are asked to submit their question papers with two sets on exam - email id and submit the Hard Copies latest by 7th October 2022.





**Agenda 3 :**

Updates taken for FY classes for Syllabus completion as well as any issues or doubts faced by faculties during FY classes.

Meeting concluded by extending thanks to Coordinator





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 ACCREDITED BY NAAC, GRADE 'B'



FIRST HALF 2023 SEM - IV REGULAR & AT- KT EXAMINATION MARCH 2023

Time : 8.00 AM to 11.00 AM

Date	S.Y.B.Sc.C.S.	S.Y.B.Sc.I.T.	S.Y.B.Sc.	S.Y.B.COM	S.Y.BAF	S.Y.BMS
14/03/2023	Theory of Computation	Core - Java	Chemistry - I	Accounting & Financial Management - IV	Financial Accounting Special Accounting Areas IV	Integrated Marketing Communication
15/03/2023	Computer Network	Introduction to Embedded System	Botany - I Zoology - I Physics - I	Financial Accounting Audit- IV-Auditing	Management Accounting ( Introduction to Management Accounting ) I	Event Marketing
16/03/2023	Software Engineering	Software Engineering	Chemistry - II	Commerce - IV	Taxation -III (Direct Taxes - II)	Information Technology in Business Management II
17/03/2023	IoT Technology	Computer Graphics and Animation	Botany - II Zoology - II Physics - II	Business Economics	Information Technology in Accountancy- II	Business Economics- II
18/03/2023	Android Application Development	Computer Oriented Statistical Technique	Chemistry - III	Advertising II	Foundatiment Course in Management (Introduction to	Business Research Methods
20/03/2023	Advanced Application Development		Botany - III Zoology - III Physics - III	Business Law - II	Business Law ( Company Law ) - III	Ethics & Governance
21/03/2023	Research Methodology		Foundation Course- IV	Foundation Course- IV	Research Methodology in Accounting and & Finance	Production & Total Quality Management



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FIRST HALF 2023 SEM - II REGULAR & AT- KT EXAMINATION MARCH 2023

REVISED TIME TABLE

Time : 8:00 AM to 11:00 AM

Date	F.Y.B.Sc.C.S. REVISED	F.Y.B.Sc.IT. REVISED	F.Y.B.Sc.	F.Y.B.COM	F.Y.BAF	F.Y.BMS
3/4/2023	Design & Analysis of Algorithms	Object Oriented Programming With C++	Chemistry - I	Accounting & Financial Management -II	Financial Accounting Special Accounting Areas II	Principles of Marketing
8/4/2023	Statistical Methods	Numerical Methods	Zoology -II Calculus - II	Mathematical & Statistical Techniques II	Business Mathematics	Industrial Law
12/4/2023	Introduction to oops using C ++	Web Application Development	Zoology -I Algebra - I	Business Economics II	Innovative Financial Service	Business Mathematics
13/4/2023	Database System	Fundamentals of Micro Processor & Microcontroller	Botany - II Physics - II	Business Communication II	Business Communication - II	Business Communication-II
15/4/2023	Calculus	Green IT	Chemistry - II	Commerce - II	Auditing ( Introduction and Planning) - I	Principles of Management
17/4/2023	Advanced Python Programming		Botany - I Physics - I	Environmental Studies -II	Business Law ( Business Regulatory Framework ) -I	Business Environment
18/4/2023	E- Commerce & Digital Marketing		Foundation Course- II	Foundation Course- II	Foundation Course- II	Foundation Course- Value Education



WC PRINCIPAL

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**REGULAR/ATKT Examination Time Table A.Y.2022-23**  
**S.Y. B.sc (C.S)/S.Y. B.sc (I.T)/S.Y. B.sc / S.Y. B.Com/S.Y. B.com (A&F)/ S.Y. B.M.S**  
**SECOND Half 2022 - Sem-III REGULAR /ATKT Exam- (WINTER) OCT 2022**

Time : 8:00 AM to 11:00 AM

Date	S.Y. B.sc (C.S)	S.Y. B.sc (I.T)	S.Y. B.sc	S.Y. B.Com	S.Y. B.com (A&F)	S.Y. B.M.S
14-Oct-2022	Principles of Operating Systems	Python Programming	Chem -I	B.Law I	IT in Acc I	I.T. in Bus. Mgt. I
15-Oct-2022	Linear Algebra	Data structures	Bot-I/ Zoo-I / Phy-I	Commerce III	Taxation II	Social Marketing.
17-Oct-2022	Data Structures	Computer Network	Chem-II	Accountancy & FM II (FA)	Bus. Law II	Bus. Planning & Entrepreneurial
18-Oct-2022	Advanced Database Concepts	DBMS	Bot-II/ Zoo-II/ Phy-II	Introduction to Management Accounting.(MA)	F.A III	Accounting for Managerial decision
19-Oct-2022	Java Based Application Development	Applied Maths	Chem-III	B.Eco III	Economics II	Strategic Management
20-Oct-2022	Web Technologies	--	Bot-III/ Zoo-III/ Phy-III	Advertising-I	C.A II	Consumer Behavior
21-Oct-2022	Green Technologies	--	F.C. -III	FC- III	FMD-FC 3 (COM-III)	F.C. III (EVM)

  
 EXAM CHAIRPERSON





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## NOTICE

Date : 16<sup>th</sup> Nov 2022

All staff members are hereby informed that there will be a Staff Meeting on Thursday, 17<sup>th</sup> Nov 2022 at 12.30 PM at Principal cabin to discuss the following Agenda :

1. Approval of minutes of previous meeting.
2. Exam preparation status for T.Y Regular & ATKT exams Nov 2022
3. Change in timing and number of lectures due to TY exams.
4. Status of result and paper corrections of SY.
5. NSS Camp Arrangements.
6. Need for new staff appointment.
7. Any other matter with consent of Principal



I/C Principal

## Minutes of the Meeting

The meeting was held at the principal cabin on Thursday, 17<sup>th</sup> Nov 2022 at 12.30 PM. All Head of departments and faculty members attended the meeting.

### Attended by :

I/C Principal - Prof. B.S. Pandey

Asst. Prof. Anamika Singh

Asst. Prof. Veena Sawant

Asst. Prof. Nilanjana Mazumdar

Asst. Prof. Anita Yadav

Asst. Prof. G. Subhashini

Asst. Prof. Shaik Rafatjahan

Asst. Prof. Sarojini Biradar

Asst. Prof. Priyanka More

Asst. Prof. Shweta Shetty

Asst. Prof. Sherin Varughese

Asst. Prof. Sarita Shinde

Asst. Prof. Snehal Awale

Asst. Prof. Kalpana Sonawane

Asst. Prof. Jolly dutta

Asst. Prof. Priyanka kanojia

Asst. Prof. Asha Durgude

Asst. Prof. Arun Vishwakarma

Asst. Prof. Swati Gadhave

Asst. Prof. Raju Rathod

Asst. Prof. Sayali Patil



**The following discussion took place :**

**Agenda 1 :**

- Asst. Prof. Sherin V read the minutes of last meeting. All members unanimously approved the same.

**Agenda 2 :**

- T.Y University Exam Regular & ATKT Nov 2022 preparation status was inquired
- Asst. Prof. Shweta informed regarding the same.

**Agenda 3 :**

- Lectures should be scheduled to be taken till 9.20am and classes that can be accommodated in laboratories should be done as per need.

**Agenda 4 :**

- Paper corrections were completed of all SY classes and marks entered.
- Gracing and corrections need to be evaluated by respective class teacher and to be updated accordingly.

**Agenda 5 :**

- NSS camp to be organized for all NSS students.
- Planning and booking of venue to be done as early as possible.
- NSS co-ordinator need to plan and report with details of the camp
- Arrangement and requirements for the camp also to be conveyed.

**Agenda 6 :**

- The need for new staff was conveyed by commerce & science co-ordinators.
- Requirements and qualifications with expertise to be conveyed for new faculty appointment.

- Meeting concluded by extending thanks to the principal.

