SHRI R. L. T. COLLEGE OF SCIENCE, AKOLA

PROPOSED ACADEMIC CALENDER

2023-2024

CHART - A

(ACADEMIC SESSIONS)

S. No.	Session	From	To	Total Days
01	First	Fri. 03.07.2023	Tue. 07.11.2023	104
02	Second	Tue. 28.11.2023	Sat. 27.04.2024	121

CHART - B

(VACATIONS)

S.No.	Vacations	From	To	Total Days
01	Winter	Wed. 08.11.2023	Mon. 27.11.2023	20
02	Summer	Mon. 29.04.2024	Mon. 10.06.2024	43
			Total	**63**

CHART - C

(PUBLIC HOLIDAYS)

S.No.	Festival	Day and Date	
01	Moharum	Saturday	29.07.2023
02	Independence Day	Tuesday	15.08.2023
03	Parsi New Year (Shahenshahi)	Wednesday	16.08.2023
04	Rakshabandhan	Wednesday	30.08.2023
05	Ganesh Chaturthi	Tuesday	19.09.2023
06	Guari Poojan	Friday	22.09.2023
07	Anant Chaturdashi	Thursday	28.09.2023
08	Mahatma Gandhi Jayanti	Monday	02.10.2023
09	Dasara	Tuesday	24.10.2023
10	Christmas	Monday	25.12.2023
11	Republic Day	Friday	26.01.2024
12	Chatrpati Shivaji Maharaj jayanti	Monday	19.02.2024
13	Mahashiv Ratri	Friday	08.03.2024
14	Holi (Second Day)	Monday	25.03.2024
15	Good Friday	Friday	29.03.2024
16	Gudhi Padwa	Tuesday	09.04.2024
17	Ramazan Id (Id-Ul-Fitar)	Thursday	11.04.2024
18	Ram Navami	Wednesday	17.04.2024
	Total	**18**	

CHART - D

(SUNDAYS DURING TWO SESSIONS)

S. No.	Session	From	To	Total Sundays
01	First	Fri. 03.07.2023	Tue. 07.11.2023	18
02	Second	Tue. 28.11.2023	Sat. 27.04.2024	21
			Total	**39**

S.No.	Festival falls on Sunday	Date
01	Dr. Babasaheb Ambedkar Jayanti	14.04.2024
02	Mahavir Jayanti	21.04.2024

CHART - E

(DAYS TO BE UTILIZED FOR ADMISSION/EXAMINATION/ NON INSTRUCTIONAL DAYS)

S. No.	Session	Admission/Examination/ Non instructional days	Net
01	First	Admission	14
02	First	Induction Programme	04
03	First	Unit test Examination	05
04	First	University Examination	18
05	Second	Unit test Examination	05
06	Second	University Examination	18
		Total	**64**

Total Number of Teaching Days = 364 - (B+C+D+E)
= 364 - (63+18+39+64)
= 180

Dr. P.R. Kawle
Chairman
Academic Calendar Committee

LIST OF PROPOSED ACADEMIC AND CULTURAL PROGRAMMES

2023-24

S. No.	Date	Details of Programme
1	03-07-23	Opening of the College
2	03-07-23	Staff Council Meeting
3	25-07-23	Time table of degree college (B.Sc.-II, III, Sem-3 & 5, Theory)
4	15-08-23	Independence Day Celebration
5	17-08-23	Time table for B.Sc.-I, II, III and M.Sc.-I, II (Theory)
6	29-08-23	National Sports Day
7	02-09-23	Staff Council Meetings
8	05-09-23	Teachers Day celebration
9	08-09-23	Literacy Day
10	12-09-23	Induction Programme (One week for B.Sc.I yr students)
11	16-09-23	Ozone Day
12	24-09-23	N. S. S. Foundation Day Programme
13	02-10-23	Mahatma Gandhi and Lal Bahadur Shastri Jayanti
14	15-10-23	Dr. APJ Abdul Kalam Jayanti (Wachan Prerna Din)
15	17-10-23 to 22-10-23	Seminars to be arranged
16	1-11-22	IQAC Meeting
17	6-11-2023	Staff Council Meeting
18	08-11-23 to 27-11-23	**First Term / Diwali vacations**
19	28-11-23	**Second Session**
20	06-12-23	Dr. Babasaheb Ambedkar Mahaparinirvan Din
21	20-12-23	Sant Gadge Baba Death Anniversary
22	24-12-23 **Sunday**	Blood Donation and Prize Distribution Programme Late. Principal M. G. Joshi Memorial Day
23	31-12-23	Date of Submission of Achievements of Students, Staff & Non Teaching Staff of College 27-01-21 to 31-12-22
24	Dec. 2023-Jan. 2024	NSS Residential Camp
25	14-01-24 **Sunday**	Foundation Day of B. G. E. Society, Akola
26	26-01-24 Friday	Republic Day Celebration and Prize Distribution for the achievement of students, teachers and Non-teaching staff
27	06-02-24 to 11-02-24	Class Test
28	19-02-24	Shivaji Maharaj Jayanti
29	20-02-24 to 25-02-24	Seminars to be arranged

30	28-02-24	National Science Day
31	01-03-24	Submission of Committee Report
32	06-03-24	Alumni Association Meeting
33	15-03-24	Staff Council Meeting
34	26-03-24	Send off Programme of B.Sc.-III and Cultural Programme
35	14-04-23	14 Tas Abhyas Vikasacha Dhyas (**14 Hour Study Programme**) Dr. Babasaheb Ambedkar Jayanti
36	15-04-23	Submission of Annual Assessments for PBAS
37	19-04-23	IQAC Meeting
38	22-04-23	Staff Council Meeting
40	27-04-23	Ice Cream Party

Dr. P.R. Kawle
Chairman
Academic Calendar Committee

Principal
Shri R.L.T.College of Science
Civil Lines, Akola (M.S.)

SHRI R.L.T. COLLEGE OF SCIENCE AKOLA

Shri R.L.T. College of Science, Akola
Departemet of Physics
B.Sc. III Sem V
Session Winter 2023-24

GROUP DISCUSSION TOPICS

Sr. No	Name of Students	Batch	Title of Project
1	ADITI PRAMOD SHIRSAT	p1	Black boby radiation and Photoelectric effect
2	MAYURI ONKARRAO TAMBADE	p1	
3	SANIKA DILIP WAGHADE	p1	
4	VAISHNAVI VILAS INGLE	p1	
5	GAURAV MAHADEV GAYAKWAD	p1	
6	JAY PRAKASH RATHOD	p1	
7	PAVAN PRAKASH BAYASKAR	p1	
8	SHAUNAK ARUN LANDE	p1	
9	ACHAL SANJAY BELOKAR	p2	
10	ANURADHA GHANSHYAM AGARKAR	p2	
11	DIPALI HARIDAS LAUDAKAR	p2	detailed Davision Germer experiment
12	GAURI SUNIL RAJPUT	p2	
13	GAYATRI MADHAVRAO HANDE	p2	
14	GAYATRI RAMDAS DONGRE	p2	
15	HARSHA LALIT TIWARI	p2	
16	JAYSHRI GOPAL HADOLE	p2	
17	JUHI VIJAY AHUJA	p2	
18	KHUSHI MANOJ PANPALIYA	p2	
19	NEHA NARAYAN PAWAR	p2	
20	POOJA SHAMRAO FOKMARE	p2	
21	PRACHI SANJAY PUNDE	p2	Hartley Oscilator
22	PRACHI UDDHAVRAO KUKADE	p2	
23	PRAJKATA VILAS KHARAPKAR	p2	
24	RADHIKA GAJANAN RAUT	p2	
25	RASHMI GOVINDRAO MAHALLE	p2	
26	RUTUJA RAVINDRA AWACHAR	p2	
27	SAJAGATA SUBHASH GAWAI	p2	
28	SAKSHI VINOD MUTTHE	p2	
29	SANIKA RAMESH FALKE	p2	

Pratiksha Fokmare
Class 029

30	SAYALI ANIL MEHERE	p2	
31	SAYALI GAJANAN KAMBLE	p2	
32	SAYALI RAJESH CHAUDHARI	p2	
33	SHRUTI RAJESH GUJAR	p2	
34	SUKANYA UTTAMRAO GHANSAVAD	p2	Nuclear Fission and Fusion
35	UTTARA VASANT UMALE	p2	
36	VAISHNAVI RAMESHWAR UNDAL	p2	
37	VAISHNAVI SANTOSH RAUT	p2	
38	VEDIKA PRAMOD DESHMUKH	p2	
39	AADITYA RAJESH LAD	p2	
40	AKSHAY EKNATH KHAROLE	p2	
41	HARSH VIRENDRAKUMAR MEHTA	p2	
42	KULDIP CHANDRAKANT AHIRKAR	p2	
43	NAGESH SHYAM AWACHAR	p2	
44	NAKUL SUDINKUMAR SONI	p2	
45	OM RAJESH THAKUR	p2	X-ray
46	RAHUL SANJAY JADHAO	p2	
47	SAGAR HARESH BIDKAR	p2	
48	SHAIKH IRSHAD SHAIKH NISAR .	p2	
49	SHIVRAJ PRASHANT BULE	p2	
50	TEJAS PRAMOD MORE	p2	
51	AACHAL PRADIP DAMBARE	p3	
52	ABOLI SHEKHAR KHUMKAR	p3	
53	AKANKSHA MANOJ WASKAR	p3	
54	HEENA KAUSAR ASHRAF KACCHI	p3	
55	KALYANI SHRIRAM DIGAMBAR	p3	
56	LAKSHMI SHRIKRUSHNA JANORKA	p3	
57	NEHA PRAKASH GAVHALE	p3	Phase shift Oscillator
58	RASIKA RAMRAO GEET	p3	
59	SAMIKSHA RAMESHWAR POHARE	p3	
60	SANCHI DEEPAK MESHRAM	p3	
61	SANJANA PANJABRAO DHADSE	p3	
62	SHIFA MAHREEN ABDUL WAJID MO	p3	
63	SRUSHTI SHASHIKANT NIMKARDE	p3	
64	HIMANSHU MAHESH BADERE	p3	
65	JAY MANOHAR INGLE	p3	

66	RAJESH PRASANNA MAHAPATRA	p3	Astable multivibrator
67	SHUBHAM HANUMAN GHATE	p3	
68	SHUBHAM KISHOR WAGHADE	p3	
69	TUSHAR SURESH THORAT	p3	
70	TUSHIT KAILAS DAMODAR	p3	
71	VIVEK GIRIJASHANKAR UPADHYE	p3	
72	AISHWARYA DNYANESHWAR GAYA	p4	RC Coupled amplifier
73	AKANKSHA AJIT DESHMUKH	p4	
74	ARPITA ANANTA AWACHAR	p4	
75	CHINMAYI SACHIN AMIN	p4	
76	DEEKSHA GAJENDRA MISHRA	p4	
77	INDRAYANI JANARDHAN GAWANDE	p4	
78	JAYA BALU DAHATONDE	p4	
79	KANCHAN MANOJ SHARMA	p4	
80	MANSHITA DINESH SIOSODIYA	p4	
81	NEHA ANIL NAGPURE	p4	
82	NIKITA BHASHKAR BOROKAR	p4	Heisenberg uncertainty principle
83	PREETI RAMKRUSHNA NAGMOTE	p4	
84	PRERNA NILESH NIMKALE	p4	
85	ROHINI VIJAY SHEGOKAR	p4	
86	ROHINI SUBHASH POHARE	p4	
87	ROSHANI DEVANAND AMBHORE	p4	
88	SAKSHI SURYAPRAKASH WANKHAD	p4	
89	SAMIKSHA GOVINDA GORLE	p4	
90	SHARAYU DATTATRAY LASURKAR	p4	
91	SHRUTI GIRISH GORE	p4	
92	SIDDHI MOHANRAO KORDE	p4	
93	VAIDEHI AMOL CHINCHALE	p4	Oscillators
94	VAISHNAVI DEVIDAS SOLANKE	p4	
95	VAISHNAVI MAHADEVRAO DHATRA	p4	
96	VISHAKHA VINOD SHEGAONKAR	p4	
97	ABHISHEK BRIJLAL JADHAO	p4	
98	ADITYA SHARAD SHIRSAT	p4	
99	ANIKET PRAKASH JADHAO	p4	
100	CHINMAY JAYESH BARHATE	p4	
101	MANGESH RAJRATANA WANKHADE	p4	

Komal Wankhade

102	PRATHAMESH CHANDRASHEKHAR	p4	GM COUNTER
103	PRATHAMESH PANJABRAO INGLE	p4	
104	RUSHIKESH ROHIDAS CHAVAN	p4	
105	SHRIKUMAR VIJAY PALASKAR	p4	
106	SIDDHARTH NARENDRA MANMOTH	p4	
107	SYED UZAIR ADNAN SYED NAZIM	p4	
108	TEJAS DEVIDAS DAHANE	p4	
109	TEJAS DIPAK MANWAR	p4	
110	VAIBHAV VINOD SARKATE	p4	
111	VIJAY SHYAM TAYADE	p4	
112	VITTHAL PUNDALIK KALMEGH	p4	Multivibrators
113	RINKI MAHADEO BAHURASHI	p5	
114	ANKIT MADHUKAR PATHARKAR	p5	
115	DHIRAJ MANIKRAO TELGOTE	p5	
116	MANGESH GOVIND CHAKRADEVE	p5	
117	ROHAN DATTATRAY MAHALLE	p5	
118	UDAY GANESH GHUGE	p5	
119	VISHWAJEET MANGALSINGH CHAR	p5	
120	BHARTI RAVIKUMAR MOTWANI	p6	
121	NALANDA KAILASH DAMODAR	p6	
122	SHREYASHA SHUDDHODHAN WANK	p6	
123	AYUSH LINGANNA BHAIYAWAR	p6	wave particle duality
124	KRISHNA RAVINDRA PATIL	p6	
125	MANGESH RAMESH JANOKAR	p6	
126	OM BABULAL NAWALE	p6	
127	PRATHAMESH GOVARDHAN DHAKA	p6	
128	TEJAS KIRAN PAWAR	p6	
129	VAIDIK ANIL THADKAR	p6	

Prathamesh Giri

ALL THE STUDENTS PARTICIPATE IN THE GROUP DISCUSSION IN THEIR PRACTICAL BATCHES AFTER UNIT TEST EXAM IMMEDIATELY.

11/10/23

HEAD OF THE
PHYSICS DEPARTMENT
Shri R.L.T. College Of Science
Akola

Shri R.L.T. College of Science, Akola

Department of Physics

Group Discussion

(2023-2024)

Class: B.Sc-III (Sem-V) Date: - ----------

Topic: ------Phase shift Oscillator

The following points were discussed during the group discussion

1. - Oscillator
2. - Fo. Re leg.
3. ---
4. ---
5. ---
6. ---

Under the supervision of –

1. ---------- 16/10/23
2. ----------
3. ----------

Name of Students	Signature
1. Lakshmi S. Janorkar	Lsjanorkar
2. Sanchi D. Meshram	
3. Srushti G. Nimkarde	
4. Samiksha R. Pohare	
5. Akanksha M. Waskar	
6. Kalyani S. Digambar	
7. Rasika R. Gee	
8. Sanjana P. Dhadse	
9. Aachal P. Dambare	
10. Shifa Mahreen	

Shri R.L.T. College of Science, Akola

Department of Physics

Group Discussion

(2023-2024)

Class: B.Sc-III (Sem-V) **Date: -** 16 Oct 2023

Topic: Astable Multivibrator

The following points were discussed during the group discussion

1. Astable Gage
2. multivibrator
3. uses of multivibrator
4.
5.
6.

Under the supervision of

1.
2.
3.

	Name of Students	Signature
1.	Tejas Tingle	Tingle
2.	Shubham H. Ghate	Ghate
3.	Tushit K. Damodar	Damodar
4.	Shubham K. Waghade	Waghade
5.	Himanshu Badare	
6.	Tushar S. Tharet	
7.	Vivek G. Upadhye	Upadhye
8.		
9.		
10.		

Shri R.L.T. College of Science, Akola

Department of Physics

Group Discussion

(2023-2024)

Class: B.Sc-III (Sem-V) Date: - ----------

Topic: ---Hartley Oscillator---

The following points were discussed during the group discussion

1. - Oscillator
2. - Tale circuit
3. -
4. ---
5. ---
6. ---

Under the supervision of –

1. ---
2. ---
3. ---

	Name of Students	Signature
	1. Sayali Mehetre	
Pr	2. Pratiksha Fakmare	
	3. Prajakta Kharapkar	
	4. Bachi Punde	
	5. Sakshi Mutthe	
	6. Sajagta Gawai	
	7. Rutuja R. Awachar	
	8.	
	9.	
	10.	

Shri R.L.T. College of Science, Akola

Department of Physics

Group Discussion

(2023-2024)

Class: B.Sc-III (Sem-V) Date: - ----------

Topic: ----------
Nuclear fission and fusion

The following points were discussed during the group discussion

1. In nuclear fission heavy nucleus is divided into two parts
2. In nuclear fusion lighter nucleus is combine (two) and forms heavy nucleus
3. In nuclear fussion placed at high temp
4. nuclear fission placed at room temp
5. nuclear fussion used in hydrogen bomb
6. nuclear fission used in atomic bomb

Under the supervision of –

1. ----------
2. ---------- 16/10/23
3. ----------

Name of Students	Signature
1. Uttara V. Umale	Umale
2. Vaishnavi R. Vadal	Vadal
3. Vaishnavi S. Raut	Raut
4. Sukanya U. Gharsavadh	Ghar
5. Vedika P. Deshmukh	V. P. Deshmukh
6. Sayali Kamble	Kamble
7. Sayali Chaudhari	S R Chaudhari
8.	.....
9.	.....
10.	.....

Shri R.L.T. College of Science, Akola

Department of Physics

Group Discussion

(2023-2024)

Class: B.Sc-III (Sem-V) Date: 16/10/2023

Topic: X-Ray

The following points were discussed during the group discussion

1. – Xray –
2. – medical uses of x-ray –
3. – industrial uses.
4.
5.
6.

Under the supervision of –

1.
2. 16/10/23
3.

Name of Students	Signature
1. Tejas Pramod Mare	
2. Rahul Sanjay Jadhao	
3. OM R Thakur	
4. Nagesh S. Awachar	
5. Kuldip C. Akhirkar	
6.	
7.	
8.	
9.	
10.	

Shri R.L.T. College of Science, Akola

Department of Physics

Group Discussion

(2023-2024)

Class: B.Sc-III (Sem-V) **Date: -** ----------

Topic: ----Detailed Division Grezmez Experiment.

The following points were discussed during the group discussion

1. – Experimental set up,
2. – Problem & Experiment
3. –
4. ----------
5. ----------
6. ----------

Under the supervision of –

1. ----------
2. ----------
3. ----------

	Name of Students	Signature
1.	Pooja S. Fakmaze	
2.	Jayshri G. Hadole	
3.	Harsha L. Tiwari	
4.	Gargi Oza	
5.	Gayatri R. Dongre	
6.	Neha N. Pawar	
7.	Khushi M. Panpaliya	
8.	Gaurpi S. Rajput	
9.	Dipali H. Laudkar	
10.	Achal S. Belokar	
11	Juhi V. Ahuja	

Shri R.L.T. College of Science, Akola

Department of Physics

Group Discussion

(2023-2024)

Class: B.Sc-III (Sem-V) Date: - ----------

Topic: ----photoelectric effect and black body radiation----

The following points were discussed during the group discussion

1. ----Black body
2. ----Radiation of body
3. ----photoelectron
4. ----
5. ----
6. ----

Under the supervision of –

1. ---------- 16/01/23
2. ----------
3. ----------

	Name of Students	Signature
	1. Vaishnavi V. Ingle	...V.Ingle...
	2. Mayuri O. Tambade	...M.Tambade...
	3. Sanika D. Waghade	...S.D.Waghade...
	4. Jay P. Rathod	...Rathod...
	5. Aman P. Bayaskar	...
	6. Shaunak A. Lande	...Lande...
*	7. Gaurav M. Gaikwad	...
	8.	.....
	9.	.....
	10.	.....

Shri R.L.T. College of Science, Akola

Department of Physics

Group Discussion

(2023-2024)

Class: B.Sc-III (Sem-V) Date: - ----------

Topic: X-Ray

The following points were discussed during the group discussion

1. * characteristics of X-RAY
2. Types of X-RAY
3. Uses of X-Ray
4. Formation of X-Ray
5. Advantages of X-Ray.
6. ----------

Under the supervision of

1. ----------
2. ----------
3. ----------

Name of Students	Signature
1. HARSH V. MEHTA	H.V.MEHTA
2. Akshay E. Kharole	Akharole
3. Aaditya R. Lad	Aaditya
4. Shaikh Irshad Shaikh Nisar	Shaikh
5. Sagar H. Bidkar	SHBidkar
6. Nakul Soni	Soni
7. Neha P. Gavhale	Nehale
8.	.....
9.	.....
10.	.....

Shri R.L.T. College of Science, Akola

Department of Physics

Group Discussion

(2023-2024)

Class: B.Sc-III (Sem-V) **Date:** - 18/10/23

Topic: R-C coupled Amplifier

The following points were discussed during the group discussion

1. Transistors, Types of transistors
2. Amplifiers and its function
3. R C coupled amplifier
4. Working and construction of RC coupled amplifier.
5.
6.

Under the supervision of –

1. V V Bhosale
2.
3.

P4 –

Name of Students	Signature
1. Chinmayi S. Amin	Chinmayi
2. Akanksha A. Deshmukh	Ade
3. Indrayani J. Gawande	Gawande
4. Jaya Balu Dahatonde	Bahatonde
5. Neha Anil Nagpure	Nagpure
6. Aishwarya D. Gayakwad	Gayakwad
7. Kanchan Manoj Sharma	Anushka
8. Manshita D. Sisodiya	Manshita
9. Deeksha G. Mishra	DM
10. Aepida A. Awachat	Awachat

Shri R.L.T. College of Science, Akola

Department of Physics

Group Discussion

(2023-2024)

Class: B.Sc-III (Sem-V) Date: - 18-10-2023

Topic: - photoelectric Effect

The following points were discussed during the group discussion

1. What is photoelectrons
2. Photo electric effect
3. Stopping potential
4.
5.
6.

Under the supervision of –

1. V.V. Bhusari
2.
3.

	Name of Students	Signature
	1. Anuradha G. Agarkar	A.G. Agarkar
	2. Gayatri Hande	G.M. Hande
2/11/2023	3. Rajesh Mahapatra P3	
2/11/23	4. Shivraj P. Bule P2	
	5.	
	6.	
	7.	
	8.	
	9.	
	10.	

Shri R.L.T. College of Science, Akola

Department of Physics

Group Discussion

(2023-2024)

Class: B.Sc-III (Sem-V) Date: - 18-10-2023

Topic: ---Hertely oscilator.---

The following points were discussed during the group discussion

1. What is oscillator
2. What is oscillations
3. Hartley oscillators
4. Types of oscillator
5. ---
6. ---

Under the supervision of –

1. N.V.Bansod
2. ---
3. ---

Name of Students	Signature
1. Vaishnavi M. Bhatkar	Bhatkar
2. Vishakha V. Shegaonkar	
3. Prachi V. Kukade	P.V. Kukade
4. Sanika R. Falke	Falke
5. Kamal M. Wankhade	Wankhade
6. Radhika G. Raut	Raut
7.	.....
8.	.....
9.	.....
10.	.....

Shri R.L.T. College of Science, Akola

Department of Physics

Group Discussion

(2023-2024)

Class: B.Sc-III (Sem-V) Date: 18/10/23

Topic: Heigenberg uncertainity principle

The following points were discussed during the group discussion

1. Uncertainity principle
2. Purpose of Heigenberg principle
3. Other forms of uncertainty
4. Conically conjugate variables.
5. Uncertainty in K or Pe is very large.
6. Psi

Under the supervision of –

1. N.V.Bhoge
2.
3.

Name of Students	Signature
1. Shruti G. Gore	
2. Nikita B. Borkar	
3. Pashani D. Ambhore	
4. Sakshi S. Gunkhede	
5. Samiksha G. Gaikwad	
6. Preeya N. Nimkale	
7. Shreyash D. Lasurkar	
8. Preeti R. Nagmote	
9.	
10.	

Shri R.L.T. College of Science, Akola

Department of Physics

Group Discussion

(2023-2024)

Class: B.Sc-III (Sem-V) Date: - 18/10/23

Topic: G M counter

The following points were discussed during the group discussion

1. G M counter
2. Characteristics of GM counter
3. Application of G M counter
4.
5.
6.

Under the supervision of –

1.
2.
3.

Name of Students	Signature
1. Vitthal P Kalmegh	
2. Prathmesh C Gix'i	
3. Vijay S. Tayade	V.S. Tayade.
4. Mangesh R. Wankhade	
5. Shrikumar V. Palaskar	
6. Vaibhav V. Sakate	Vsakate
7. Aditya S. Shirsat	
8. Prathamesh P. Ingle	
9. Tejas Dipak Mankar	
10. Syed Ghair Adnan	
11 Chinmay Barhate	C. J. Barhate

Shri R.L.T. College of Science, Akola

Department of Physics

Group Discussion

(2023-2024)

Class: B.Sc-III (Sem-V)

Date: - 20/10/23

Topic: Multivibrator

The following points were discussed during the group discussion

1. Multivibrator [Definition and Meaning]
2. Types of Multivibrator
3. Working principle of MV.
4. formation of Multivibrator. (History & Background)
5.
6.

Under the supervision of –

1.
2. 20-10-23
3.

Name of Students	Signature
1. Uday G. Ghuge	
2. Ankit M. Patharkar	
3. Vishwajeet M. Charwande	
4. Shweta R. Motwani	
5. Nalanda K. Damodar	
6. Shreyasha S. Wankhade	
7. Rinki M. Bahurashi	
8.	
9.	
10.	

Shri R.L.T. College of Science, Akola

Department of Physics

Group Discussion

(2023-2024)

Class: B.Sc-III (Sem-V) Date: - 20-10-23

Topic: Wave Particle Duality

The following points were discussed during the group discussion

1. Maxwell theory of light.
2. Plank's hypothesis.
3. Concept of photons
4. De-Broglies hypothesis.
5.
6.

Under the supervision of –

1.
2.
3.

Name of Students	Signature
1. Tejas Pawar	
2. Krishna Patil	K.R.Patil
3. Mangesh Janakar	
4. Prathmesh Dhakhare	
5. Ayush Bhaiyawar	
6. OM Nawale	
7.	
8.	
9.	
10.	

Shri R.L.T. College of Science, Akola
Departemet of Physics
B.Sc. III Sem V
Session Winter 2023-24

PROJECT ASSIGNMENT SUBMISSION

Sr. No	Name of Students	Batch	Title of Project	Sign
1	ADITI PRAMOD SHIRSAT	p1		
2	MAYURI ONKARRAO TAMBADE	p1	Raman Effect	
3	SANIKA DILIP WAGHADE	p1	Solar cell	S. D. Waghade
4	VAISHNAVI VILAS INGLE	p1	Raman Effect on spectroscopy	
5	GAURAV MAHADEV GAYAKWAD	p1	Raman Effect	
6	JAY PRAKASH RATHOD	p1	Nuclear fission	
7	PAVAN PRAKASH BAYASKAR	p1	Bubble chamber working	
8	SHAUNAK ARUN LANDE	p1		
9	ACHAL SANJAY BELOKAR	p2	Solar Panel Photoelectric effect	
10	ANURADHA GHANSHYAM AGARKAR	p2	Raman spectroscopy	A.G.
11	DIPALI HARIDAS LAUDAKAR	p2	X-ray	D.H. Laudkar
12	GAURI SUNIL RAJPUT	p2	RC couple amplifier	
13	GAYATRI MADHAVRAO HANDE	p2	X-ray	G.M. Hande
14	GAYATRI RAMDAS DONGRE	p2	multivibrator	
15	HARSHA LALIT TIWARI	p2	X-Ray	H.L. Tiwari
16	JAYSHRI GOPAL HADOLE	p2	Raman effect on spectroscopy	
17	JUHI VIJAY AHUJA	p2	Photo electric effect	Ahuja
18	KHUSHI MANOJ PANPALIYA	p2	Photo electric effect	
19	NEHA NARAYAN PAWAR	p2	Wein Bridge Oscillator	
20	POOJA SHAMRAO FOKMARE	p2	Oscillator	
21	PRACHI SANJAY PUNDE	p2	oscillator	
22	PRACHI UDDHAVRAO KUKADE	p2	Light Emitting Diode (LED)	P.U. Kukade
23	PRAJKATA VILAS KHARAPKAR	p2	LED	
24	RADHIKA GAJANAN RAUT	p2	X-ray	
25	RASHMI GOVINDRAO MAHALLE	p2	De Broglie's hypothesis	
26	RUTUJA RAVINDRA AWACHAR	p2	Oscillator	
27	SAJAGATA SUBHASH GAWAI	p2	Origin of Quantum mechanics	
28	SAKSHI VINOD MUTHE	p2	Harmonic Oscillator	
29	SANIKA RAMESH FALKE	p2	X-ray.	S. Falke
30	SAYALI ANIL MEHERE	p2	Oscillator	
	Pratiksha Ganesh Fokmare	P2	Oscillator	
	Gargi Shivallabh Dya	P2	Lister-Gulel Photocell	Gargi

31	SAYALI GAJANAN KAMBLE	p2	RC coupled amplifier	
32	SAYALI RAJESH CHAUDHARI	p2	X - Ray	
33	SHRUTI RAJESH GUJAR	p2	The Compton effect	
34	SUKANYA UTTAMRAO GHANSAVAI	p2	Black Body	
35	UTTARA VASANT UMALE	p2	Zener diode	
36	VAISHNAVI RAMESHWAR UNDAL	p2	X-ray	
37	VAISHNAVI SANTOSH RAUT	p2	To Study Phase Shift oscillator	
38	VEDIKA PRAMOD DESHMUKH	p2	To study oscillator	
39	AADITYA RAJESH LAD	p2	X- Rays	
40	AKSHAY EKNATH KHAROLE	p2	X-ray	
41	HARSH VIRENDRAKUMAR MEHTA	p2	use of X ray	
42	KULDIP CHANDRAKANT AHIRKAR	p2	X-ray is used	
43	NAGESH SHYAM AWACHAR	p2	X-ray uses	
44	NAKUL SUDINKUMAR SONI	p2	X-Ray	
45	OM RAJESH THAKUR	p2	X-ray	
46	RAHUL SANJAY JADHAO	p2	X-ray	
47	SAGAR HARESH BIDKAR	p2	X-ray	
48	SHAIKH IRSHAD SHAIKH NISAR .	p2	X-Ray	
49	SHIVRAJ PRASHANT BULE	p2		
50	TEJAS PRAMOD MORE	p2	X-ray and ITS Applications	
51	AACHAL PRADIP DAMBARE	p3	Nuclear physics	
52	ABOLI SHEKHAR KHUMKAR	p3	Hartley oscillator.	
53	AKANKSHA MANOJ WASKAR	p3	Drone Research.	
54	HEENA KAUSAR ASHRAF KACCHI	p3		
55	KALYANI SHRIRAM DIGAMBAR	p3	X-ray	
56	LAKSHMI SHRIKRUSHNA JANORKA	p3	De Broglie Hypothesis	
57	NEHA PRAKASH GAVHALE	p3	Light Emitting Diode (LED)	
58	RASIKA RAMRAO GEET	p3	RC Coupled Amplifier	
59	SAMIKSHA RAMESHWAR POHARE	p3	Laser	
60	SANCHI DEEPAK MESHRAM	p3	Astable Multivibrator	
61	SANJANA PANJABRAO DHADSE	p3	Light Reflection	
62	SHIFA MAHREEN ABDUL WAJID MO	p3	LED	
63	SRUSHTI SHASHIKANT NIMKARDE	p3	De Broglies Hypothesis	
64	HIMANSHU MAHESH BADERE	p3		
65	JAY MANOHAR INGLE	p3	Harmonic oscillator	
66	RAJESH PRASANNA MAHAPATRA	p3	X-ray	

67	SHUBHAM HANUMAN GHATE	p3	Simple two way telecom	
68	SHUBHAM KISHOR WAGHADE	p3	X-ray device	
69	TUSHAR SURESH THORAT	p3	Nuclear reactor	
70	TUSHIT KAILAS DAMODAR	p3	X-ray	
71	VIVEK GIRIJASHANKAR UPADHYE	p3	RC coupled Amplifier.	
72	AISHWARYA DNYANESHWAR GAYA	p4	Pule Induction Metal Detector	
73	AKANKSHA AJIT DESHMUKH	p4	Crystal Oscillator	
74	ARPITA ANANTA AWACHAR	p4	Phenomenology of jet in Astrophysics	
75	CHINMAYI SACHIN AMIN	p4	Audio Power Amplifier	
76	DEEKSHA GAJENDRA MISHRA	p4	Boiling water reactor.	
77	INDRAYANI JANARDHAN GAWANDE	p4	X-ray	
78	JAYA BALU DAHATONDE	p4	Simple two way Telecom System	
79	KANCHAN MANOJ SHARMA	p4	Hearing Aid Devices	
80	MANSHITA DINESH SIOSODIYA	p4	Electrical motors	
81	NEHA ANIL NAGPURE	p4	Bit Pry. Oscillator.	
82	NIKITA BHASHKAR BOROKAR	p4	Light emitting Diode	
83	PREETI RAMKRUSHNA NAGMOTE	p4	Energy gap in semiconductor	
84	PRERNA NILESH NIMKALE	p4	Oscillator	
85	ROHINI VIJAY SHEGOKAR	p4		
86	ROHINI SUBHASH POHARE	p4		
87	ROSHANI DEVANAND AMBHORE	p4	LED	
88	SAKSHI SURYAPRAKASH WANKHADE	p4	X-ray	
89	SAMIKSHA GOVINDA GORLE	p4	LED	
90	SHARAYU DATTATRAY LASURKAR	p4	Light emitting diode	
91	SHRUTI GIRISH GORE	p4	plane film X-ray	
92	SIDDHI MOHANRAO KORDE	p4		
93	VAIDEHI AMOL CHINCHALE	p4		
94	VAISHNAVI DEVIDAS SOLANKE	p4		
95	VAISHNAVI MAHADEVRAO DHATRAK	p4	heat sensor	
96	VISHAKHA VINOD SHEGAONKAR	p4	Handheld metal detector	
97	ABHISHEK BRIJLAL JADHAO	p4	Linear Motion	
98	ADITYA SHARAD SHIRSAT	p4	Nuclear Reactor	
99	ANIKET PRAKASH JADHAO	p4		
100	CHINMAY JAYESH BARHATE	p4	Quantum number	
101	MANGESH RAJRATANA WANKHADE	p4	Linear Motion	
102	PRATHAMESH CHANDRASHEKHAR	p4	X Rays	

103	PRATHAMESH PANJABRAO INGLE	p4	Photoelectric effect	Ingle
104	RUSHIKESH ROHIDAS CHAVAN	p4	Photoelectric effect	
105	SHRIKUMAR VIJAY PALASKAR	p4		
106	SIDDHARTH NARENDRA MANMOTH	p4		
107	SYED UZAIR ADNAN SYED NAZIM .	p4	Quantum Numbers	
108	TEJAS DEVIDAS DAHANE	p4		
109	TEJAS DIPAK MANWAR	p4	Raman Effect	
110	VAIBHAV VINOD SARKATE	p4	photoelectric effect	Sarkate
111	VIJAY SHYAM TAYADE	p4	Nuclear Reactor	V.S. Tayade.
112	VITTHAL PUNDALIK KALMEGH	p4	optical spectrum	
113	RINKI MAHADEO BAHURASHI	p5	LED	Bahurashi.
114	ANKIT MADHUKAR PATHARKAR	p5	X-Rays	Patharkar
115	DHIRAJ MANIKRAO TELGOTE	p5		
116	MANGESH GOVIND CHAKRADEVE	p5		
117	ROHAN DATTATRAY MAHALLE	p5	Energy Gap in Superconductiv	Thap
118	UDAY GANESH GHUGE	p5	Multivibrators	Ghuge
119	VISHWAJEET MANGALSINGH CHAR	p5	Applicatn of Nuclear reactor	
120	BHARTI RAVIKUMAR MOTWANI	p6	oscillators	Bharati
121	NALANDA KAILASH DAMODAR	p6	multivibrator	Damodar
122	SHREYASHA SHUDDHODHAN WANK	p6	Amplifier	Wankhade.
123	AYUSH LINGANNA BHAIYAWAR	p6	Raman Effect	AHB
124	KRISHNA RAVINDRA PATIL	p6	Nuclear Fission	K.R. Patil
125	MANGESH RAMESH LANOKAR	p6	Raman effect spectroscopy	Lanokar
126	OM BABULAL NAWALE	p6	G. M. Counter	
127	PRATHAMESH GOVARDHAN DHAKA	p6	Nuclear Reactor	
128	TEJAS KIRAN PAWAR	p6	RC - coupled Amplifier	Pawar.
129	VAIDIK ANIL THADKAR	p6	RC - Coupled Amplifier	Thadkar.

Komal. Milind. Wankhade P2 Amplifier Komalwankhade

Shri R.L.T. College of Science, Akola
Departemet of Physics
B.Sc. III Sem V
Session Winter 2023-24

PRACTICAL ASSIGNMENT SUBMISSION

Sr. No	Name of Students	Batch	Title of Practical	Sign
1	ADITI PRAMOD SHIRSAT	p1		
2	MAYURI ONKARRAO TAMBADE	p1	RC cupled amplifier	
3	SANIKA DILIP WAGHADE	p1	Astable Multivibrator	S.D.waghade
4	VAISHNAVI VILAS INGLE	p1	phase shift oscillator	Ongle.
5	GAURAV MAHADEV GAYAKWAD	p1		
6	JAY PRAKASH RATHOD	p1	study of Multivibrator	Pathod
7	PAVAN PRAKASH BAYASKAR	p1	Phase shift Oscillator	
8	SHAUNAK ARUN LANDE	p1		
Pr 9	ACHAL SANJAY BELOKAR	p2	Hardly Oscillator	
10	ANURADHA GHANSHYAM AGARKAR	p2	hartley oscillator	A.G.Agarkar
11	DIPALI HARIDAS LAUDAKAR	p2	- Hartly Oscillator.	D.H.Laudkar
12	GAURI SUNIL RAJPUT	p2	Phase shift oscillator	
13	GAYATRI MADHAVRAO HANDE	p2	Purpose of LASER Lear	Gayatri
14	GAYATRI RAMDAS DONGRE	p2	Hartley oscillator	
15	HARSHA LALIT TIWARI	p2	~~Ra~~ Phase Shift oscillator	H.L.Tiwari
16	JAYSHRI GOPAL HADOLE	p2	RC coupled amplifier	
17	JUHI VIJAY AHUJA	p2	Hartley Oscillator	Ahuja
18	KHUSHI MANOJ PANPALIYA	p2	characteristics of zener diode	
19	NEHA NARAYAN PAWAR	p2	zener diode	
20	POOJA SHAMRAO FOKMARE	p2	Hartly oscillator	
21	PRACHI SANJAY PUNDE	p2	Hartly Oscillator	
22	PRACHI UDDHAVRAO KUKADE	p2	Hartley oscillator	P.U.Kukade
23	PRAJKATA VILAS KHARAPKAR	p2	Hartley oscillator	
24	RADHIKA GAJANAN RAUT	p2	phase shift oscillator	
25	RASHMI GOVINDRAO MAHALLE	p2	Hartley oscillators	
26	RUTUJA RAVINDRA AWACHAR	p2	Hartley oscillators	
27	SAJAGATA SUBHASH GAWAI	p2	Phase shift oscillator	
28	SAKSHI VINOD MUTHE	p2	Zener Diode	
29	SANIKA RAMESH FALKE	p2		S.Falke
30	SAYALI ANIL MEHERE	p2	Zener Diode	
	Yargi shrivallabh Oza	Pr	Hartley oscillator	Yargi

	Peatiksha Ganesh Fokmare	P2	Hartley oscillator	Fokmare
31	SAYALI GAJANAN KAMBLE	p2	Phase shift oscillator	Kamble
32	SAYALI RAJESH CHAUDHARI	p2	Phase shift oscillator	Chaudhari
33	SHRUTI RAJESH GUJAR	p2	Heartly oscillator	Gujar
34	SUKANYA UTTAMRAO GHANSAVADH	p2	Divergen of Laser.	Ghansavadh
35	UTTARA VASANT UMALE	p2	Hartley oscillator	Umale
36	VAISHNAVI RAMESHWAR UNDAL	p2	phase shift oscillator	Undal
37	VAISHNAVI SANTOSH RAUT	p2	Hartley oscillator.	Raut
38	VEDIKA PRAMOD DESHMUKH	p2	Hartly oscilator	V. P. Deshmukh
39	AADITYA RAJESH LAD	p2	Phase-shift oscillator	Jaditya.
40	AKSHAY EKNATH KHAROLE	p2	phase shift oscillator	Kharole
41	HARSH VIRENDRAKUMAR MEHTA,	p2	Phase Shift oscillator	H.V.Mehta
42	KULDIP CHANDRAKANT AHIRKAR	p2	Hartly oscilator	Ahirkar
43	NAGESH SHYAM AWACHAR	p2	Hartly Oscillator	Awachar
44	NAKUL SUDINKUMAR SONI	p2	Phase shift oscilator	Soni
45	OM RAJESH THAKUR	p2	phase shift oscillator	Thakur
46	RAHUL SANJAY JADHAO	p2	phase shiftoscillator	Jadhao
47	SAGAR HARESH BIDKAR	p2	Phase shiftoscillator	Bidkar
48	SHAIKH IRSHAD SHAIKH NISAR.	p2	Phase shift oscilator	Shaikh
49	SHIVRAJ PRASHANT BULE	p2		
50	TEJAS PRAMOD MORE	p2	Hartely Oscillator	Pawar
P351	AACHAL PRADIP DAMBARE	p3	divergence of lasero beam	Dambare
52	ABOLI SHEKHAR KHUMKAR	p3	X-ray	Khumkar
53	AKANKSHA MANOJ WASKAR	p3	phaseshift oscilator	Waskar
54	HEENA KAUSAR ASHRAF KACCHI	p3		
55	KALYANI SHRIRAM DIGAMBAR	p3	phase shift oscilator	Digambar.
56	LAKSHMI SHRIKRUSHNA JANORKAR	p3	De Broglie Hartley oscillator	Janorkar
57	NEHA PRAKASH GAVHALE	p3	Haetley Oscillator	Nehale
58	RASIKA RAMRAO GEET	p3	Hartely oscilator	Rasika
59	SAMIKSHA RAMESHWAR POHARE	p3	Feedback amplifier	SRPohare
60	SANCHI DEEPAK MESHRAM	p3	Multivibrator	Sanchi
61	SANJANA PANJABRAO DHADSE	p3	feedback amplifier	Dhadse
62	SHIFA MAHREEN ABDUL WAJID MOHD	p3	Zero diode circuit	Shifa
63	SRUSHTI SHASHIKANT NIMKARDE	p3	Hartley oscillator	Srushti
64	HIMANSHU MAHESH BADERE	p3		
65	JAY MANOHAR INGLE	p3	Phase shift oscillator	Jay Ingle
66	RAJESH PRASANNA MAHAPATRA	p3	phase shif oscilator	RPM

67	SHUBHAM HANUMAN GHATE	p3	Phase shift oscillator	
68	SHUBHAM KISHOR WAGHADE	p3	phase shift oscillator	
69	TUSHAR SURESH THORAT	p3	Hartly oscillator	
70	TUSHIT KAILAS DAMODAR	p3	Hartely oscillator	
71	VIVEK GIRIJASHANKAR UPADHYE	p3	phase shift oscillator	
72	AISHWARYA DNYANESHWAR GAYAKWA	p4	Phase - shift Oscillator	
73	AKANKSHA AJIT DESHMUKH	p4	phase shift oscillator	
74	ARPITA ANANTA AWACHAR	p4	Astable multivibrator	
75	CHINMAYI SACHIN AMIN	p4	Coulpits Oscillator	
76	DEEKSHA GAJENDRA MISHRA	p4	colpits oscillator	
77	INDRAYANI JANARDHAN GAWANDE	p4	Hartley Oscillator	27-09-23
78	JAYA BALU DAHATONDE	p4	phase shift oscillator	
79	KANCHAN MANOJ SHARMA	p4	Hardley Oscillator	27/09/23
80	MANSHITA DINESH SIOSODIYA	p4	Phase Shift Oscillator	27/09/23
81	NEHA ANIL NAGPURE	p4	phase shift oscillator	
82	NIKITA BHASHKAR BOROKAR	p4	Divergence of Laser	
83	PREETI RAMKRUSHNA NAGMOTE	p4	Divergance of laser	
84	PRERNA NILESH NIMKALE	p4	Hartly Oscillator	
85	ROHINI VIJAY SHEGOKAR	p4		
86	ROHINI SUBHASH POHARE	p4		
87	ROSHANI DEVANAND AMBHORE	p4	Hartley Oscillator	27/09/23
88	SAKSHI SURYAPRAKASH WANKHADE	p4	Astable multivibrator	
89	SAMIKSHA GOVINDA GORLE	p4	VI char. of LED	
90	SHARAYU DATTATRAY LASURKAR	p4	colpitts osillator.	
91	SHRUTI GIRISH GORE	p4	Astable multivibrator	
92	SIDDHI MOHANRAO KORDE	p4		
93	VAIDEHI AMOL CHINCHALE	p4		
94	VAISHNAVI DEVIDAS SOLANKE	p4		
95	VAISHNAVI MAHADEVRAO DHATRAK	p4	colpitts oscillator	
96	VISHAKHA VINOD SHEGAONKAR	p4	Colpits oscillator	
97	ABHISHEK BRIJLAL JADHAO	p4	Hartley Oscillator	
98	ADITYA SHARAD SHIRSAT	p4	divergence of laser	
99	ANIKET PRAKASH JADHAO	p4		
100	CHINMAY JAYESH BARHATE	p4	Hartley Oscillator	
101	MANGESH RAJRATANA WANKHADE	p4	To Study Hartley Oscillator	
102	PRATHAMESH CHANDRASHEKHAR GIRI	p4	Monolithic	

103	PRATHAMESH PANJABRAO INGLE	p4	Phase Shift Oscillation	
104	RUSHIKESH ROHIDAS CHAVAN	p4	Mono stable multivibrator	
105	SHRIKUMAR VIJAY PALASKAR	p4	Divergence of laser beam	
106	SIDDHARTH NARENDRA MANMOTHE	p4		
107	SYED UZAIR ADNAN SYED NAZIM	p4	Hearthy oscilator	
108	TEJAS DEVIDAS DAHANE	p4		
109	TEJAS DIPAK MANWAR	p4	Heartly oscillator	
110	VAIBHAV VINOD SARKATE	p4	Hartley oscillator	
111	VIJAY SHYAM TAYADE	p4	Hattley oscillator	V.S. Tayade.
112	VITTHAL PUNDALIK KALMEGH	p4	Phase shift oscillator	
113	RINKI MAHADEO BAHURASHI	p5	phase shift oscillati	
114	ANKIT MADHUKAR PATHARKAR	p5	Hartley oscillator	
115	DHIRAJ MANIKRAO TELGOTE	p5		
116	MANGESH GOVIND CHAKRADEVE	p5		
117	ROHAN DATTATRAY MAHALLE	p5	Divergence of lasee beam	
118	UDAY GANESH GHUGE	p5	Astable multivibrator	
119	VISHWAJEET MANGALSINGH CHARAWAN	p5	Hartly oscillatie	
120	BHARTI RAVIKUMAR MOTWANI	p6	Zener diode	
121	NALANDA KAILASH DAMODAR	p6	Monostable multivibrati	
122	SHREYASHA SHUDDHODHAN WANKHADE	p6	Phase shift oscillati	
123	AYUSH LINGANNA BHAIYAWAR	p6	Monostable multivibrator	
124	KRISHNA RAVINDRA PATIL	p6	Diversion of laser beam	
125	MANGESH RAMESH JANOKAR	p6	lasee beam	
126	OM BABULAL NAWALE	p6	Laser beam	
127	PRATHAMESH GOVARDHAN DHAKARE	p6	Divergence of lasee beam	
128	TEJAS KIRAN PAWAR	p6	Phase shift oscillator	
129	VAIDIK ANIL THADKAR	p6	Phase shift Gscillator	

komal milind wankhade p2 - Hartly oscillati - Wankhade

The Berar General Education Society, Akola

Shri R.L.T College of Science, Akola

PG Department Microbiology & Biochemistry

Report on Educational Tour to CIIMS Research Centre & Gorewada Zoo, Nagpur

(06/03/24)

Educational tours provide students with valuable opportunities to learn outside the classroom, offering a range of benefits that contribute to their holistic development. They understand the application of theoretical knowledge in real-world settings, which helps bridge the gap between theory and practice, making education more relevant and meaningful. Dr. V. D. Nanoty, Principal, Shri R. L. T College of Science, Akola always encourages experiential learning and understands that visiting industries and research institutions exposes students to various career paths and this experience can help them make more informed decisions about their future studies and career choices. Under his vision and guidance, the department of Microbiology & Biochemistry of Shri R.L.T College of Science, Akola organized an educational tour for the students PG Microbiology & Biochemistry on 6th March 2024. The visit was planned to CIIMS Advanced Research Center, Nagpur and Balasaheb Thackeray Gorewada International Zoological Park, Nagpur. Total 35 students along with 10 staff members participated in the tour. All the staff and students assembled in the college campus at 5 am. The students were instructed and the tour began at 5:30 am, reaching Nagpur at 10:30 am. The brunch was arranged at Haldiram's Restaurant in Nagpur. After enjoying the delicious and filling brunch, the tour headed to CIIMS Advanced Research Center. The staff at the center welcomed everyone and gave a tour of all the sections of the laboratories. Ms. Abhaya Kanoje and Ms. Aditi Pathania, who are researchers at the center, assisted the students into the center. The students were first informed about various projects and research work carried out in the center along with the programmes and courses offered to the students which included hands-on training and skill building. Then the students visited the laboratories and were explained many high-end machines. The center consists of Microbiology, Molecular Biology, Animal Cell Culture, Immunology, Proteomics and Biochemistry laboratories. Each consisting of cutting-edge technology and efficient handling staff. The remarkable equipment included Next-Generation Sequencing, PCR, MALDI-TOF, Biosafety Cabinet, CO_2 incubator, and Anaerobic chamber. The students were explained the working of these equipment and about the current research work including development of Lateral flows in immunology and molecular biology kits and study of disease-causing

microbes and non-infectious disorders. After the lab visit, the students and staff had an interaction with renowned microbiologist Dr. H.F Daginawala and Dr. Rajpal Kashyap (Director of CIIMS). They encouraged the students to work hard and learn new techniques, which will open new research avenues for them. They emphasized on building connections within the academic and research community that can be valuable for future educational and career endeavors. They also appreciated the efforts of the staff for exposing the students to the research.

After this enriching experience, the tour went on to the Balasaheb Thackeray Gorewada International Zoological Park for the 3:15 pm safari. The park is spread across a huge area of 539 hectare and is divided into various areas. The one-hour safari included Jungle Drive, Leopard safari, Sloth Bear safari, Herbivore safari, and Tiger safari. This was a good opportunity to witness the beauty of nature and its magnificent creatures up close in a near-natural habitat. The park is home to a variety of flora and fauna, showcasing the rich biodiversity of the region. Along with animals such as Tigers, Leopards, Sloth Bears, Spotted Deer, Albino Deer, and Barking Deer, the park has a diverse bird population. Students learned about different species, their habitats, and the importance of biodiversity in maintaining a balanced ecosystem. The tour guide also gave insights about various animals, their behaviours, and the conservation challenges they face. They also informed about environmental issues, climate change, and the impact of human activities on wildlife and ecosystems. After the safari, high-tea was arranged at the Gorewada garden. The students enjoyed the tea and expressed their delight to the staff. After starting from the park at 5:30 pm, the tour reached the college campus at 10:30 pm. The tour was successfully organized and conducted by the efforts of Dr. H.S Malpani, Ms. S.N Gawande, Mr. S.S Solanke, Ms. J.A Gite, and all teaching and non-teaching staff of Microbiology and Biochemistry.

Staff And Students At CIIMS Advanced Research Centre, Nagpur

Staff At CIIMS Explaining The Students

Interaction With Dr. H.F Daginawala

Interaction With Dr. Rajpal Kashyap (Director, CIIMS)

Staff And Students At The Interaction With Researchers At CIIMS

At The Balasaheb Thackeray Gorewada International Zoological Park

Animals at the Balasaheb Thackeray Gorewada International Zoological Park

Dr. H.S Malpani

Head Department of

Microbiology & Biochemistry

The Berar General Education Society's

Shri R. L. T. College of Science, Akola

DEPARTMENT OF BOTANY

Report on

Educational Visit

of

B. Sc. II and B. Sc. III (Botany)

To

National Environmental Engineering Research Institute
(CSIR-NEERI), Nagpur

on

22th February 2024

INTRODUCTION

The National Environmental Engineering Research Institute (NEERI), Nagpur was established in 1958 as Central Public Health Engineering Research Institute (CPHERI), when environmental concerns were limited to human health with a focus on water supply/sewage disposal/ communicable diseases and to some extent on industrial pollution and occupational diseases. The chemical and biological solutions to address these problems were simple, though challenging. However, slowly worldwide public awareness on the contamination of environment on regional to global scale started getting attention in 1970's. Shrimati Indira Gandhi, the then Prime Minister of India, rechristened the Institute as National Environmental Engineering Research Institute (NEERI) in the year 1974. National Environmental Engineering Research Institute (NEERI), Nagpur is devoted to research and innovations in environmental science and engineering besides solving a range of problems posed by industry, government and public.

Purpose of Visit

- To discuss with the Scientists on the research ideas pertaining to environmental and industrial pollution and their remedies.
- To understand the working of state-of-the-art instruments being used to study research problems.
- To understand the opportunities available in NEERI for Under Graduate students.
- To understand overall working of CSIR Laboratory.

Visit to CSIR-NEERI Audio Visual

The visit was started with the introduction of CSIR-NEERI at the Auditorium at 11.30 am by audio visual presentation. In that audio visual section, establishment of CSIR-NEERI, past and present research work of CSIR-NEERI was explained. CSIR-NEERI working on sewage water treatment, NEERDHUR, Green Crackers, WAYU, NEERI-ZAR'. CSIR-NEERI also helps to Government dream project such as Namami Gange, Swachh Bharat etc.

Green Crackers-CSIR-NEERI has been working since January 2018 for developing new and improved formulations for reducing emissions from fireworks. CSIR-NEERI developed new formulations for reduced emission light and sound emitting crackers (SWAS, SAFAL, STAR) with 30% reduction in particulate matter using Potassium Nitrate (KNO_3) as oxidant.

Visit to Harit Sangrahalaya

After informative presentation, we move to Harit Sangrahalaya at 12.00 pm. In Harit sangrahalaya models, charts and demonstration of various projects were seen and explained by Mr. Mohtaseen Ahmad (Researcher Scholar). Model, Charts, Demonstration of experiment and instruments present in Harit Sangrahalaya are

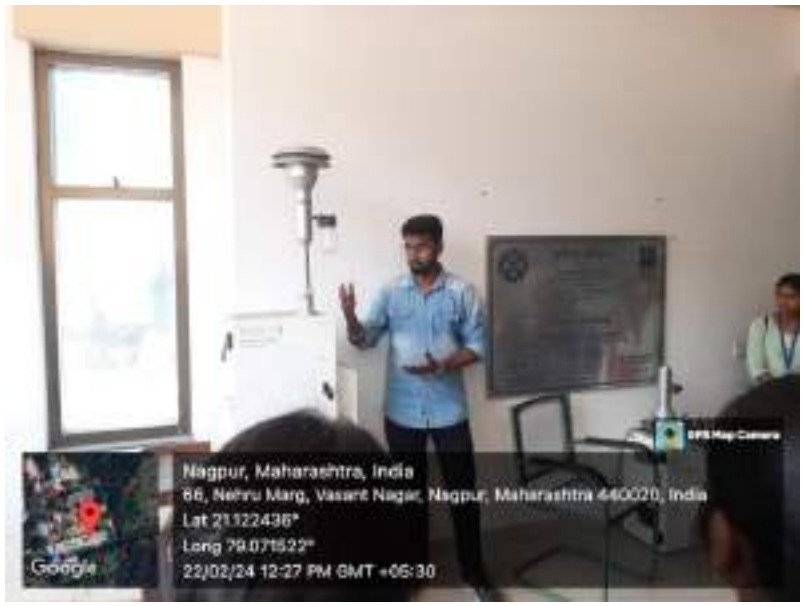
- Common effluent treatment plant
- Municipal solid waste plant
- Low cost automatic mechanical flusher
- Phytorid technology for sewage treatment
- Single pass photo catalytic reactor for de-colorization of textile effluents
- Solar electrode flouridation plant
- Iron removal plant
- Hydroplume –high rate secondary clarifier.
- NEERDHUR
- Green Crackers
- NEERJAR

Visit to Harit Sangrahalaya

Air Pollution Control Division (APCD)

Then the students move towards Air Pollution Control Division (APCD). It is one of the major R & D division of CSIR-NEERI. Research in air quality management by inventory, monitoring, prediction, simulation, data analysis and control is within the domain. Emission inventory followed by dispersion modelling using state-of-the-art models like AERMOD and CALPUFF for impact identification.

Monitoring of pollutant is aimed towards regulatory compliance and receptor modelling objectives. This laboratory is well equipped with analysers for chemical speciation of particulate matter. Source apportionment studies using CMB of ambient air PM has helped reveal several challenging tasks particularly for coal mine area and industrial sectors. Here a research scholar demonstrated the air sampler with its working, principle and application.



Visit to Technology Park (SHWMD)

In Technology Park, we seen solid waste i.e. garden waste converted into powdered form, process of shrinking of waste thermocol, energy from red mud waste. Various research scholars explained the demo experiment about waste management i.e. converts various waste into energy and useful products. This section of waste management motivates our students to think about conversion of various waste into useful products.

Visit to Ecology and Biodiversity

Finally, at 01.30 pm students visited Ecology and Biodiversity Park. In this park Dr. Lalsingh, Sr. Sciencetist, CSIR-NEERI explained importance of plants for maintaining ecological balance. He also focused on scope of Botany for various industries and entrepreneurship etc.

After CSIR-NEERI, students also visited Maharaj Bagh Zoo and Biodiversity Park. There students observed flora and fauna conserved in captivity. Students observed many rare plants like *Couroupita guianensis, Guaiacum officinale, Adensonia digitata, Saraca indica* etc. Students also observed various animals like tiger, leopard, bear, otter, crocodile and many birds.

In this educational visit, total 54 students from B. Sc. II and B. Sc. III (Botany) participated. This visit was undertaken by the inspiration of Dr. V. D. Nanoty, Principal, Shri R. L. T. College of Science, Akola and under the supervision of Mrs. V. N. Badgujar, Head, Department of Botany. Dr. P. M. Khadse, Associate Professor, worked as an In-charge teacher of B. Sc. III and Dr. A. A. Sangole, Assistant Professor, as an in-charge teacher of B. Sc. II. Mr. Shailendra V. Madavi, Assistant Professor, worked as Co-ordinator of this tour. Mr. R.S. Dandnaik and Satish Shirsat and various teaching, non-teaching staff took efforts for the success of this visit.

Mr. S. V. Madavi Tour Co-ordinator	**Dr. A. A. Sangole** In-charge Teacher (B.Sc. II)	**Dr. P. M. Khadse** In-charge Teacher (B.Sc. III)	**Mrs. V. N. Badgujar** Head, Department of Botany

Shri R. L. T. College of Science, Akola
Department of Botany
Educational Tour to NEERI, Nagpur
List of Students and Staff

B.Sc. II **(22/02/2024)**

Sr. No.	Name of Student	Mobile No.	Sign. (Depart)	Sign. (Arrival)
1.	Pradnya D. Belokar			
2.	Samruddhi S. Dande			
3.	Chanchal V. Rathi			
4.	Mayuri K. Sobhage			
5.	Madhuri S. Ambekar			
6.	Mokshada N. Sawarkar			
7.	Shubhangi S. Marbade			
8.	Samriddhi S. Deshmukh			
9.	Shreya G. Dongare			
10.	Sakshi N. Kawhale			
11.	Dnyaneshwari P. Bajad			
12.	Pranjali S. Thakare			
13.	Vaishnavi P. Bajad			
14.	Khushi S. Gupta			
15.	Dhanshree P. Bayaskar			
16.	Harshada S. Dange			
17.	Ankita S. Dhore			
18.	Sapna M. Navalkar			
19.	Punam K. Kakad			
20.	Pranjal K. Chaware			
21.	Gayatri R. Shelke			
22.	Bhagyashree S. Bahare			
23.	Rutuja M. Chaudhari			
24.	Roshani A. Rohankar			
25.	Pranali M. Hundiwale			
26.	Mamta G. Pawar			
27.	Ankita M. Yamgawali			
28.	Pallavi D. Damodar			
29.	Yash V. Nimbalkar			
30.	Priti H. Thakare			
31.	Ayushi A. Deshmukh			
32.	Samiksha S. Wankhade			
33.	Sejal U. Sawale			
34.	Dnyaneshwari S. Uprate			
35.	Dhanshree U. Chavhan			
36.	Ankita A. Khandare			

Shri R. L. T. College of Science, Akola
Department of Botany
Educational Tour to NEERI, Nagpur
List of Students and Staff

B.Sc. III **(22/02/2024)**

Sr. No.	Name of Student	Mobile No.	Sign. (Depart)	Sign. (Arrival)
1.	Divyani D. Gawai			
2.	Ankita M. Sadanshiv			
3.	Tejaswini R. Sangekar			
4.	Shreya A. Gawande			
5.	Sakshi S. Ghuge			
6.	Trupti A. Topkar			
7.	Sakshri R. Deshmukh			
8.	Kirti G. Pillay			
9.	Trupti S. Panzade			
10.	Tisha M. Sharma			
11.	Anushree P. Deshmukh			
12.	Sharayu R. Deshmukh			
13.	Shruti V. Dhakite			
14.	Gayatri S. Donge			
15.	Ashwini M. Ghatole			
16.	Prachi S. Jawanjal			
17.	Rutika D. Bonde			
18.	Vaishnavi Wakode			

List of Staff

Sr. No.	Name of Student	Designation	Mobile No.	Sign.
1.	Mrs. V. N. Badgujar	Asst. Prof. & Head		
2.	Dr. P. M. Khadse	Assot. Professor		
3.	Dr. A. A. Sangole	Asst. Professor		
4.	Mr. S. V. Madavi	Asst. Professor		
5.	Mr. R. S. Dandnaik	Lab Attendant		
6.	Mr. S. Shirsat	Lab Assistant		

Shri R.L.T. College of Science, Akola

Department of Chemistry

Educational Study Tour Report (2023-24)

In order to inculcate scientific temperament among the students, The Department of Chemistry organized an educational visit of BSc II (B1, P4) students to Leben Laboratory Pvt Ltd, MIDC, Akola, on Thursday, March 7, 2024. All the students and staff were assembled in the chemistry Laboratory where Dr. P. T. Agrawal, Head Department of Chemistry had addressed the students before leaving the college. We reached the spot at 3.00pm, our visit coordinated by Rahul Sir, Visit Co-ordinator Leben Lab. Akola and his team. In all 38 students and Dr. Pravin Kawle, Teacher Incharge, visited all the divisions such oral liquid, Raw material, R&D and manufacturing division. After the visit, high-tea was arranged for the students by the coordinating team. Rahul Sir, Visit Co-ordinator. Leben, praised the students for their discipline throughout the visit. We reached the college campus at 5.15 pm. This educational visit was organised by **Dr. Pravin R. Kawle**, Asso. Professor, Department of Chemistry as a teacher in charge expresses thankfulness to respected Principal, Dr V. D. Nanoty Sir for his guidance and Head Department of Chemistry, Dr P. T Agrawal Madam for her support and appreciates students for their active participation.

All the students expressed gratefulness to our respected Principal Dr. V. D. Nanoty sir for giving permission to organize the educational visit.

In-charge
Educational Tour

Principal
Shri R.L.T College of Science
Civil Lines, Akola (M.S.)

SHRI R. L. T. COLLEGE OF SCIENCE, AKOLA
DEPARTMENT OF MATHEMATICS
Session: 2023-24
Class: M. Sc. I S.I

GROUP DISCUSSION

1) All students of M.Sc.-I (Sem. I) are hereby inform that their "Group Discussion" will be on 28 /10/2023 at 12.00 noon -1.00 pm
2) Submission of "G.D. & Project Assignment" will be on 01/11/2022 at 12.00 pm to 01.00 pm in department of mathematics.

Sr. No.	ROLL NO.	Name Of Students	Group Name	Topic name for G.D.	Room No. / Time of G.D. Dt. 28/10/22
1	W/7101	Aarti Gopalrao Chahajagune	Group-A1	Riemann's Theorem Power series	Room No. 21,26 Time: 12.00 noon - 1.00 pm
2	W/7102	Aayesha Jabeen Iqbal Ahmad			
3	W/7104	Anuja Raju Ingle			
4	W/7103	Anuja Sunil Shelke			
5	W/7105	Anuja Vilas Banole			
6	W/7106	Anuradha Vivek Dharamkar			
7	W/7107	Arti Arun Aher			
8	W/7108	Bhakti Santosh Fursule			
9	W/7109	Damini Ganesh Wankhade	Group-A2	Functions of several variables	Room No. 21,26 Time: 12.00 noon - 1.00 pm
10	W/7110	Dipali Balkrushna Raut			
11	W/7111	Firdous Afrin Alim Shaikh			
12	W/7114	Gayatri Bhaskar Wakode			
13	W/7150	Abhishek Madhusing Pawar			
14	W/7151	Adesh Babarao Pakhare			
15	W/7152	Amar Ganesh Hatole			
16	W/7153	Ashish Vitthal Palaskar			
17	W/7112	Gayatri Sudhir Sable	Group-B1	Types of ideals ,Sum and direct sum of ideal	Room No. 21,26 Time: 12.00 noon - 1.00 pm
18	W/7113	Gayatri Ulhas Wagh			
19	W/7115	Gayatri Vijay Harne			
20	W/7116	Hurussaher Asad Khan			
21	W/7117	Jijaoo Sharad Thete			
22	W/7118	Jyoti Gokulsing Daberao			
23	W/7119	Kajal Madhukar Kale			
24	W/7120	Komal Amol Wahurwagh			
25	W/7121	Komal Kisanrao Chaudhari	Group-B2	Technology Transfer , Royalty, Plagarism Tools	Room No. 21,26 Time: 12.00 noon - 1.00 pm
26	W/7122	Manisha Dnyaneshwar Lakhpurkar			
27	W/7123	Meera Shantaram Waitkar			
28	W/7124	Nida Saher Ghulam Farooque .			
29	W/7154	Kapil Anil Makode			
30	W/7155	Lokesh Nandlal Shriwas			
31	W/7156	Pawan Ramkrushna Jagtap			
32	W/7157	Prathamesh Vinayak Mahajan			
33	W/7125	Nikita Baliram Ambuskar	Group-C1	Classification of Singularities , Rouches's Theorem	Room No. 21,26 Time: 12.00 noon - 1.00 pm
34	W/7126	Nisha Ashok Kalaskar			
35	W/7127	Pooja Gajanan Pawar			
36	W/7128	Prerana Gajanan Pawar			
37	W/7129	Priyanka Vinodrao Mohite			
38	W/7130	Priyanka Vitthal Mankar			
39	W/7131	Radha Vinod Kukade			
40	W/7132	Radhika Sunil Dongarkar			

Sr. No.	ROLL NO.	Name Of Students	Group Name	Topic name for G.D.	Room No. / Time of G.D. Dt. 28/10/22
41	W/7133	Rupali Mahendra Thakare	Group-C2	Methodology of mathematics	Room No. 21,26 Time: 12.00 noon - 1.00 pm
42	W/7134	Rutuja Chandramani Ingle			
43	W/7135	Saima Kausar Jalil Ahmed			
44	W/7139	Sakshi Vinayak Vairale			
45	W/7158	Prathmesh Ashok Shirale			
46	W/7159	Raashid Rafique Khan			
47	W/7160	Rajesh Shivsingh Dohare			
48	W/7161	Sharjeel Anas Ahmed Hasan			
49	W/7136	Sakshi Dnyaneshwar Shinde	Group-D1	Geodesic curvature and mapping	Room No. 21,26 Time: 12.00 noon - 1.00 pm
50	W/7138	Sakshi Ganesh Raut			
51	W/7137	Sakshi Pravin Tuljapure			
52	W/7140	Shivani Vishwas Arbat			
53	W/7141	Shruti Mohan Tayade			
54	W/7142	Sneha Govardhan Bajod			
55	W/7143	Sujata Sanjay Gondchawar			
56	W/7144	Tejaswini Vijay Ambhore			
57	W/7145	Vaishanavi Kashiram Deokar	Group-D2	Tensor Calculus	Room No. 21,26 Time: 12.00 noon - 1.00 pm
58	W/7146	Vanchita Gaurishankar Thakur			
59	W/7147	Vidhi Rajendra Kale			
60	W/7148	Vrushali Ravi Wankhade			
61	W/7149	Yogita Ravindra Patil			
62	W/7162	Shubham Sanjay Ghogare			
63	W/7163	Siddhant Pralhad Awachar			
64	W/7164	Siddharth Dilip Khandare			
65	W/7165	Vaibhav Abhimanyu Ingle			

Date : 26/10/2023

H.O.D.
Dr. S. B. Tadam

SHRI R.L.T. COLLEGE OF SCIENCE, AKOLA
DEPARTMENT OF MATHEMATICS
Class Test Examination: October-2023
TIME TABLE

All the Students of M.Sc. Sem. I and sem. III are hereby informed to notice the time table of class test Examination (October -2023) and follow accordingly.

Day & Date	Time	Room No.	M.Sc. I S. II	M.Sc. II S. IV
13/10/2023 (Friday)	10.00 am to 11.00 am	21,26 & 24	FSC: Research Methodology and IPR	DSC I : Functional Analysis I
16/10/2023 (Monday)	10.00 am to 11.00 am	21,26 & 24	DSC I:Real Analysis	DSC II : Advanced Mechanics
17/10/2023 (Tuesday)	10.00 am to 11.00 am	21,26 & 24	DSC II: Advanced Abstract Algebra	DSC III : Operational Research
18/10/2023 (Wednesday)	10.00 am to 11.00 am	21,26 & 24	DSC III : Complex Analysis	DSC IV V General Relativity
20/10/2023 (Friday)	10.00 am to 11.00 am	21,26 & 24	DSE I :Differential Geometry	DSC IV V : Fluid Dynamics-I
21/10/2023 (Saturday)	10.00 am to 11.00 am	21,26 & 24	-	SEC : Vedic Mathematics

Date: 09.10.2023

H. O. D.
Department of Mathematics

Principal
Shri R.L.T. College of Science, Akola

SHRI R. L. T. COLLEGE OF SCIENCE, AKOLA
DEPARTMENT OF MATHEMATICS
SESSION: 2023-24
Subject : Mathematics
Class: M.Sc.-I (Sem.-II)

Notice

All students of M.Sc. I are therefore here by informed that in this semester for your internal assessment you have to give compulsorily seminars. Student must prepare and deliver one topic from each paper. Contact your consulting teacher of respective papers.

The time duration for seminar will be 10 minutes (for Presentation : 7 min. & Questioning : 3 min.). Submit your **Seminar Script** to In-charge teacher .

If the students will absent / not deliver seminar then they will responsible for their internal marks.

Date:21.02.2023

Dr. S. B. Tadam
H.O.D.
Department of Mathematics

H.O.D
Department of Mathematics
S. R. T. College of Science
Civil Lines, Akola

SHRI R.L.T. COLLEGE OF SCIENCE, AKOLA

CLASS TEST EXAMINATION: March-2024

TIME TABLE (Session: 2023-24)

TIME TABLE

DATE	SUB	CLASS	TIME
Monday 18/03/2024	CHEM	B.Sc. I	12.00 pm to 1.30 pm
		B.Sc.II& III	2.30 pm to 4.00 pm
Tuesday 19/03/2024	ELE/MICRO/BIOINFO	B.Sc. I	12.00 pm to 1.30 pm
		B.Sc.II& III	2.30 pm to 4.00 pm
Wednesday 20/03/2024	ZOO/CPS/IT	B.Sc. I	12.00 pm to 1.30 pm
		B.Sc. II & III	2.30 pm to 4.00 pm
Thursday 21/03/2024	PHY/BIOCHEM	B.Sc. I	12.00 pm to 1.30 pm
		B.Sc.II& III	2.30 pm to 4.00 pm
Friday 22/03/2024	MATHS/BOT	B.Sc. I	12.00 pm to 1.30 pm
		B.Sc. II & III	2.30 pm to 4.00 pm
Saturday 23/03/2024	ENG	B.Sc. I	12.00 pm to 1.30 pm
	MARATHI/HINDI		2.30 pm to 4.00 pm

(Dr.S.M.Nagrale)
Exam Committee

(Dr V.D.Nanoty)
Principal
Shri R.L.T.College of Science, Akola

SHRI R.L.T. COLLEGE OF SCIENCE, AKOLA

CLASS TEST EXAMINATION: MARCH-2024

TIME TABLE and SEATING ARRANGEMENT

Time: 12.00 to 1.30 pm Class: B.Sc.-I (Sem-II)

Date	Sub	Class	Batch	Room	Strength
Monday 18/03/2024	Chem	B.Sc.I	B1	7	42
			B2	15	49
			B3	16	56
			B5(1-70)	5	70
			B5(70-140)	6	70
			B5(141-155), B6,B7	4	15+15+17=47
			P4	8	41

Time: 12.00 to 1.30 pm Class: B.Sc.-I (Sem-II)

Date	Sub	Class	Batch	Room	Strength
Tuesday 19/03/2024	Ele	B.Sc.I	P1, P3,P5	16	18+42+19= 79
	Micro	B.Sc.I	B1	7	42
			B2	8	49
			B3	15	56
	BioInfo	B.Sc.I	B6,B7	14	32

Time: 12.00 to 1.30 pm Class: B.Sc.-I (Sem-II)

Date	Sub	Class	Batch	Room	Strength
Wednesday 20/03/2024	ZOO	B.Sc.I	B3	16	56
			B5(1-70)	5	70
			B5(70-140)	6	70
			B5(141-155), B6,B7	4	15+15+17=47
	CPS/IT	B.Sc.I	P2,	8	44
			P5, P6	7	19+16= 35
			P3	15	32

Time: 12.00 to 1.30 pm Class: B.Sc.-I (Sem-II)

Date	Sub	Class	Batch	Room	Strength
Thursday 21/03/2024	Phy	B.Sc.I	P5,P6	7	19+16=35
			P2	5	44
			P4	8	41
			P1, P3	6	18+42=60
	Biochem	B.Sc.I	B1	4	42

Time: 12.00 to 1.30 pm Class: B.Sc.-I (Sem-II)

Date	Sub	Class	Batch	Room	Strength
Friday 22/03/2024	Maths	B.Sc.I	P2	26	44
			P4	24	41
			P1,P6	23	18+16=34
	Bot	B.Sc.I	B2	21	49
			B5(1-70)	5	70
			B5(70-140)	6	70
			B5(141-155), B7	4	13+17=30

Time: 12.00 to 1.30 pm Class: B.Sc.-I(Sem-II)

Date	Sub	Class	Batch	Room	Strength
Saturday 23/03/2024	ENG	B.Sc. I	B1	7	42
			B2	15	49
			B3	16	56
			B5(1-70)	5	70
			B5(70-140)	6	70
			B5(141-155), B6,B7	4	15+15+17=47
			P2	21	44
			P3	23	42
			P4	24	41
			P1,P5, P6	26	18+19+16=53

Time: 2.30 to 4.00 pm Class: B.Sc.-I (Sem-II)

Date	Sub	Class	Batch	Room	Strength
Saturday 23/03/2024	Marathi / Hindi	B.Sc. I	B1	7	42
			B2	15	49
			B3	16	56
			B5(1-70)	5	70
			B5(70-140)	6	70
			B5(141-155), B6,B7	4	15+15+17=47
			P2	21	44
			P3	23	42
			P4	24	41
			P1, P5, P6	26	18+19+16=53

Time: 2.30 to 4.00 pm **Class: B.Sc.II and B.Sc.III**

Date	Sub	Class	Batch	Room	Strength
Monday 18/03/2024	Chem	B.Sc.II	B1	7	31
			B2	4	40
			B3	6	37
			B5(1-70)	5	70
			B5(71-90) B6,B7	6	20+17=37
			P4	8	40
		B.Sc.III	B1, B6,B7	21	33+14+10=57
			B3	26	53
			B2,	23	38
			B5(1-50)	15	50
			B5(51-110)	16	60
			P4	8	41

Time: 2.30 to 4.00 pm **Class: B.Sc.II and B.Sc.III**

Date	Sub	Class	Batch	Room	Strength
Tuesday 19/03/2024	Ele	B.Sc.II	P1,P3	13	09+22= 31
			P5	13	13
		B.Sc.III	P5	14	7
			P1,P3	14	09+21= 30
	Micro	B.Sc.II	B1	7	31
			B2	8	40
			B3	15	37
		B.Sc.III	B1	8	33
			B2	7	38
			B3	16	53
	BioInfo	B.Sc.II	B6,B7	5	6+11= 17
		B.Sc.III	B6,B7	5	14+10= 24

Time: 2.30 to 4.00 pm **Class: B.Sc.II and B.Sc.III**

Date	Sub	Class	Batch	Room	Strength
Wednesday 20/03/2024	ZOO	B.Sc.II	B3, B6	4	37+6=43
			B5(1-80)	5	80
			B5(81-90)	6	10
		B.Sc.III	B3,B6	6	53+14=67
			B5(1-50)	15	50
			B5(50-110)	16	60
	CPS/IT	B.Sc.II	P2,P5	8	28+13=41
			P3,P6	7	23+16= 39
		B.Sc.III	P3,	7	21
			P2	13	45
			P5,P6	8	7+10=17

Time: 2.30 to 4.00 pm **Class: B.Sc.II and B.Sc.III**

Date	Sub	Class	Batch	Room	Strength
Thursday 21/03/2024	PHY	B.Sc.II	P1, P3,P5,P6	5	09+22+13+16=60
			P4	6	40
			P2	4	28
		B.Sc.III	P2	8	45
			P1 P3	6	09+21=30
			P4	7	41
			P5,P6	4	17
	BIOCHEM	B.Sc.II	B1	15	31
		B.Sc.III	B1	16	33

Time: 2.30 to 4.00 pm **Class: B.Sc.II and B.Sc.III**

Date	Sub	Class	Batch	Room	Strength
Friday 22/03/2024	Maths	B.Sc.II	P2,P1	23	28+9=37
			P4	21	40
			P6	21	16
		B.Sc.III	P1, P4	24	9+41=50
			P2,P6	26	45+10=55
	Bot	B.Sc.II	B2, B7	4	40+11=51
			B5(1-50)	8	50
			B5(51-90)	7	40
		B.Sc.III	B2, B7	6	38+10=48
			B5(1-80)	5	70
			B5(80-110)	6	30

Shri R. L.T. College of Science, Akola
Department of Physics
Class :- B.Sc. III (Sem V) W - 2023
Unit Test

Time :- 1Hr &30 min. **Marks :30**
Date : 18.10.2024

Note : 1. Q1 is compulsary.
2. Either solve Q2 OR Q3.
3. Either solve Q4 OR Q5.

Q1 A) Fill in the blanks. (2)

1) Stopping potential is directly proportional to ..... of incident radiation.
2) The relation ..... is called De Broglies relation.

B) Choose correct alternative. (2)

1) The idea of matter waves was given by_____.
   a) Davission and Germer b) De-broglie
   c) Einstein d) Plank
2) Function of Tank circuit in oscillator is to produce____.
   a) Opposition b) 180^0 Phase shift
   c) Amplification d) All of the above

C) Answer in one sentence. (2)

1) State Wein's displacement law.
2) Define feedback in amplifier.

Q2 **EITHER**

a) What is Photoelectric effect? State its characteristics. (4)
b) Derive relation between group velocity and phase velocity (4)
c)Describe Davisson and Germer experiment. (4)

OR

Q3 c) Describe gamma ray microscope to prove the validity of Heigenbergs uncertainty principle.(4)
d) State and Explain Heisenberg's uncertainty principle. (4)
e) Explain Compton effect on the basis of quantum theory. (4)

Q4 **EITHER**

a) Draw a circuit diagram of Wein bridge oscillator and explain it's working. (4)
b) Draw circuit diagram of Hartley oscillator and explain it's working. (4)
c) Draw circuit diagram of Astable multivibrator and explain its working. (4)

OR

Q5 p) Draw circuit diagram of coulpits oscillator and explain it's working. (4)
q) What is feedback in Amplifier? Give its type. (4)
r) In phase shift oscillator, the three resistors and three capacitors are equal. If R= 10 kΩ, C = 0.01μF, calculate frequency of oscillation. (4)

Shri R. L.T. College of Science, Akola
Department of Physics
Class :- B.Sc.III (Sem VI) S – 2023-24

Unit Test

Time :- 1Hr &30 min. Date of exam: 21st March 2024 **Marks :30**

Note : 1. Q1 is compulsary,
2. Either solve Q2 OR Q3.
3. Either solve Q4 OR Q5.

Q.1. A] Fill in the blanks (2)

1) The co-ordination number of simple cubic structure is .....
2) Combination of position space and momentum space is known as ....

B] Choose correct alternative (2)

1) Miller indices is denoted by
a) h, k, l b) h^2, k^2, l^2 c) 1/h, 1/k, 1/l d) x, y, z

2) For most probable distribution the thermodynamic probability is
a) minimum b) maximum c) zero d) none of these

C) Answer in one sentence (2)

1) Co-ordination Number
2) Lattice.

Q.2. a) Determine the steps to find miller indices. (4)
b) Define and elaborate unit cell in crystallography (4)
c) Distinguished between crystalline solid and Amorphous solid. (4)

OR

Q.3 a) Give the names of seven basic crystal systems with their lattice parameter of unit cell. (4)
b) Draw a neat diagrams of types of two dimensional lattice. (5)
c) Determine the miller indices of a plane having intercepts at (1a, 2b, 3c). (3)

Q.4 a) Derive an expression for M-B distribution law. (4)
b) Derived an expression for Maxwell Boltzman energy distribution law. (4)
c) Define and elaborate (4)
1. Phase Space
2. Unit Cell.

OR

Q.5 a) Define Microstates and Macrostates
b) Derive Boltzman Entropy relation. (4)
c) Explain (4)
1) Thermodynamic probability (4)
2) Principle of equal priori probability

ALL THE BEST

Shri R. L. T. College of Science, Akola
Department of Physics
B.Sc.-II (Sem-IV)
UNIT-TEST (S-2024)
Sub: -Physics (21/03/2024)

Time: 1.30 hr. Maximum Marks: 30

Q.1 Choose the correct alternatives. [06]

a) **The condition for destructive interference is path difference should be equal to**
   a) Odd integral multiple of wavelength b) Integral multiple of wavelength
   c) Odd integral multiple of half wavelength d) Integral multiple of half wavelength

b) **The phenomenon of Newton's rings can be used to check the.....**
   a) Wavelength of monochromatic light b) Phase coherence of two sources
   c) Flatness of any glass surface d) Velocity of light

c) **What is the nature of interference pattern for thin film of wedge shaped-**
   a) Concave outside b) Equally spaced
   c) Convex outside d) Concave inside

d) **Op-Amp is abbreviated as _____**
   a) Operational Amplifier b) Operand amplitude
   c) Operational amplitude d) None of the above

e) **Which component of Hartley oscillator is used in the feedback system?**
   a) Inductor b) Resistor
   c) Capacitor d) Transistor

f) **How is the oscillations frequency calculated in RC Phase-Shift Oscillators?**
   a) $f = 1/2\pi RC\sqrt{2N}$ b) $f = 1/2\pi RC$
   c) $f = 1/2\pi$ d) $f = 1/RC$

Q.2 (A) Short Answer Questions (Solve any Two) [04]

a) Define interference of light. State the condition for constructive interference.
b) In Michelson interferometer 790 fringes cross the field of view when the movable mirror is displaced through a distance 0.233 mm, calculate the wavelength of light used.
c) Define- (i) Thin film (ii) Wedge shaped film

Q.2 (B) Long Answer Questions (Solve any Two) [08]

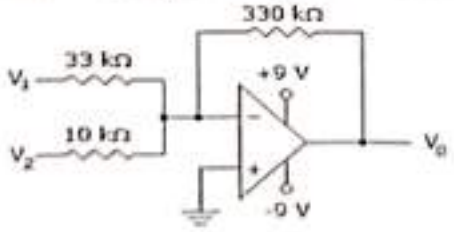
a) Explain the phenomenon of interference in thin film due to reflected light. Obtain the expression for minima and maxima for reflected rays.
b) Derive an expression for the diameter of n^{th} dark and bright Newton's rings by reflected light.
c) With the help of neat diagram, describe the construction and working of Michelson's interferometer.

Q. 3 (A) Short answer questions (Solve any Two) [04]

a. Explain with diagram what is an adder or summing amplifier?
b. Define CMRR of OP-AMP
c. In the phase shift oscillator, the values of RC components are, R1 = R2 = R3 = 1 MΩ and C1 = C2 = C3 = 68 pF. At what frequency does the circuit oscillate?

Q. 3 (B) Long answer questions (Solve any Two) [08]

a. Draw and explain the circuit diagram of an OP-AMP as a Differentiator.
b. Draw the circuit diagram of Colpitts Oscillator and explain its working.
c. Calculate the output voltage if V1 = –0.2 V and V2 = 0 V.



Shri RLT College of Science, Akola.

Class: B.Sc. - I | **Unit Test** | **Semester- II**
Time: 1 Hrs 30 minutes | **Max. Marks: 30**

Note: 1) All questions are compulsory.

1. Multiple choice question. **6 marks**

1) The value of a flux of electric filed cannot be .....

a) Zero b) Positive c) Negative d) Infinity

2) The component of vector is .....

a) Always less than its magnitude b) Always greater than its magnitude

c) Always equal to its magnitude d) None of these

3) Two force each of magnitude F have a resultant of the same magnitude F. The angle between the two forces is .....

a) 45° b) 120° c) 150° d) 60°

4) According to Kirchhoff's where the algebraic sum of current is zero .....

a) In a liner network b) In a classical circuit

c) At a junction d) None of these

5) SI unit of impedance is .....

a) Ampere b) Henry c) Ohm d) Mho

6) A terminal where three or more branches meet is known as .....

a) Junction b) Terminal c) Combination d) Anode

2. (A) Answer the following question (any TWO). **4 marks**

a) Define scalar and vector. Which of the following are scalar or vector?

b) What is divergence of a vector.

c) Define gradient of a scalar field.

(B) Answer the following question (any TWO) **8 marks**

a) State and prove Stoke's theorem.

b) State and prove Gauss divergence theorem

c) Define curl of a vector and state its physical significance

3 (A) Answer the following question (any TWO) **4 marks**

a) State Kirchhoff's voltage law with label diagram.

b) What is the difference between active and passive elements?

c) State Thevenin's theorem.

(B) Answer the following question (any TWO). **8 marks**

a) State and prove super position theorem.

b) State and prove maximum power transfer theorem.

c) State and explain Milliman's theorem

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Shri R.L.T. College of Science, Akola
Departemet of Physics
B.Sc. III Sem VI
UNIT TEST S 2024
MARKLIST

Sr. No.	Name of Students	Batch	OUT OF 30
1	ADITI PRAMOD SHIRSAT	p1	— AK —
2	MAYURI ONKARRAO TAMBADE	p1	— AB —
3	SANIKA DILIP WAGHADE	p1	18
4	VAISHNAVI VILAS INGLE	p1	22
5	GAURAV MAHADEV GAYAKWAD	p1	— AB —
6	JAY PRAKASH RATHOD	p1	13
7	PAVAN PRAKASH BAYASKAR	p1	06
8	SHAUNAK ARUN LANDE	p1	— AB —
9	ACHAL SANJAY BELOKAR	p2	28
10	ANURADHA GHANSHYAM AGARKAR	p2	26
11	DIPALI HARIDAS LAUDAKAR	p2	25
12	GAURI SUNIL RAJPUT	p2	27
13	GAYATRI MADHAVRAO HANDE	p2	19
14	GAYATRI RAMDAS DONGRE	p2	19
15	HARSHA LALIT TIWARI	p2	29
16	JAYSHRI GOPAL HADOLE	p2	30
17	JUHI VIJAY AHUJA	p2	30
18	KHUSHI MANOJ PANPALIYA	p2	29
19	NEHA NARAYAN PAWAR	p2	30
20	POOJA SHAMRAO POKMARE	p2	26
21	PRACHI SANJAY PUNDE	p2	18
22	PRACHI UDDHAVRAO KUKADE	p2	25
23	PRAJKATA VILAS KHARAPKAR	p2	24
24	RADHIKA GAJANAN RAUT	p2	18
25	RASHMI GOVINDRAO MAHALLE	p2	18
26	RUTUJA RAVINDRA AWACHAR	p2	29
27	SAJAGATA SUBHASH GAWAI	p2	29
28	SAKSHI VINOD MUTHE	p2	29
29	SANIKA RAMESH LALKE	p2	15
30	SAYALI ANIL MEHERE	p2	26
31	SAYALI GAJANAN KAMBLE	p2	29

32	SAYALI RAJESH CHAUDHARI	p2	28
33	SHRUTI RAJESH GUJAR	p2	20
34	SUKANYA UTTAMRAO GHANSAVADH	p2	19
35	UTTARA VASANT UMALE	p2	21
36	VAISHNAVI RAMESHWAR UNDAL	p2	22
37	VAISHNAVI SANTOSH RAUT	p2	11
38	VEDIKA PRAMOD DESHMUKH	p2	19
39	AADITYA RAJESH LAD	p2	16
40	AKSHAY EKNATH KHAROLE	p2	26
41	HARSH VIRENDRAKUMAR MEHTA	p2	29
42	KULDIP CHANDRAKANT AHIRKAR	p2	26
43	NAGESH SHYAM AWACHAR	p2	26
44	NAKUL SUDINKUMAR SONI	p2	27
45	OM RAJESH THAKUR	p2	28
46	RAHUL SANJAY JADHAO	p2	27
47	SAGAR HARESH BIDKAR	p2	13
48	SHAIKH IRSHAD SHAIKH NISAR .	p2	18
49	SHIVRAJ PRASHANT BULE	p2	07
50	TEJAS PRAMOD MORE	p2	24
51	AACHAL PRADIP DAMBARE	p3	21
52	ABOLI SHEKHAR KHUMKAR	p3	24
53	AKANKSHA MANOJ WASKAR	p3	18
54	HEENA KAUSAR ASHRAF KACCHI	p3	— AB —
55	KALYANI SHRIRAM DIGAMBAR	p3	20
56	LAKSHMI SHRIKRUSHNA JANORKAR	p3	14
57	NEHA PRAKASH GAVHALE	p3	24
58	RASIKA RAMRAO GUJJ	p3	19
59	SAMIKSHA RAMESHWAR POHARE	p3	09
60	SANCHI DEEPAK MISHRAM	p3	21
61	SANJANA PANJABRAO DHADSE	p3	15
62	SHIFA MAHREEN ABDUL WAJID MOHD	p3	21
63	SRUSHTI SHASHIKANT NIMKARDE	p3	21
64	HIMANSHU MAHESH BADERE	p3	05
65	JAY MANOHAR INGLE	p3	— AB —
66	RAJESH PRASANNA MAHAPATRA	p3	06
67	SHUBHAM HANUMAN GHATE	p3	04

68	SHUBHAM KISHOR WAGHADE	p3	18
69	TUSHAR SURESH THORAT	p3	07
70	TUSHIT KAILAS DAMODAR	p3	08
71	VIVEK GIRIJASHANKAR UPADHYE	p3	08
72	AISHWARYA DNYANESHWAR GAYAKWAD	p4	24
73	AKANKSHA AJIT DESHMUKH	p4	29
74	ARPITA ANANTA AWACHAR	p4	20
75	CHINMAYI SACHIN AMIN	p4	30
76	DEEKSHA GAJENDRA MISHRA	p4	30
77	INDRAYANI JANARDHAN GAWANDE	p4	25
78	JAYA BALU DAHATONDE	p4	29
79	KANCHAN MANOJ SHARMA	p4	30
80	MANSHITA DINESH SIOSODIYA	p4	18
81	NEHA ANIL NAGPURE	p4	27
82	NIKITA BHASHKAR BOROKAR	p4	— AB —
83	PREETI RAMKRUSHNA NAGMOTE	p4	11
84	PRERNA NILESH NIMKALE	p4	24
85	ROHINI VIJAY SHEGOKAR	p4	11
86	ROHINI SUBHASH POHARE	p4	— AB —
87	ROSHANI DEVANAND AMBHORE	p4	11
88	SAKSHI SURYAPRAKASH WANKHADE	p4	— AB —
89	SAMIKSHA GOVINDA GORLE	p4	19
90	SHARAYU DATTATRAY LASURKAR	p4	— AB —
91	SHRUTI GIRISH GORE	p4	29
92	SIDDHI MOHANRAO KORDE	p4	11
93	VAIDEHI AMOL CHINCHALE	p4	09
94	VAISHNAVI DEVIDAS SOLANKE	p4	08
95	VAISHNAVI MAHADEVRAO DHATRAK	p4	— AB —
96	VISHAKHA VINOD SHEGAONKAR	p4	21
97	ABHISHEK BRIJLAL JADHAO	p4	— AB —
98	ADITYA SITARAM SHIRSAT	p4	09
99	ANIKET PRAKASH JADHAO	p4	01
100	CHINMAY JAYESH BARHATE	p4	08
101	MANGESH RAJRATANA WANKHADE	p4	09
102	PRATHAMESH CHANDRASHEKHAR GIRI	p4	03
103	PRATHAMESH PANJABRAO INGLE	p4	08

104	RUSHIKESH ROHIDAS CHAVAN	p4	— AB —
105	SHRIKUMAR VIJAY PALASKAR	p4	08
106	SIDDHARTH NARENDRA MANMOHIL	p4	— AB —
107	SYED UZAIR ADNAN SYED NAZIM	p4	06
108	TEJAS DEVIDAS DAHANE	p4	— AB —
109	TEJAS DIPAK MANWAR	p4	11
110	VAIBHAV VINOD SARKATE	p4	08
111	VIJAY SHYAM LAYADE	p4	03
112	VITTHAL PUNDALIK KALMEGH	p4	09
113	RINKI MAHADEO BAHURASHI	p5	22
114	ANKIT MADHUKAR PATHARKAR	p5	20
115	DHIRAJ MANIKRAO TELGOTE	p5	— AB —
116	MANGESH GOVIND CHAKRADEVE	p5	— AB —
117	ROHAN DATTATRAY MAHALLE	p5	18
118	UDAY GANESH GHUGE	p5	21
119	VISHWAJEET MANGALSINGH CHARAWANDE	p5	20
120	BHARTI RAVIKUMAR MOTWANI	p6	24
121	NALANDA KAILASH DAMODAR	p6	28
122	SHREYASHA SHUDDHODHAN WANKHADE	p6	20
123	AYUSH LINGANNA BHAIYAWAR	p6	19
124	KRISHNA RAVINDRA PATIL	p6	24
125	MANGESH RAMESH JANOKAR	p6	12
126	OM BABULAL NAWALE	p6	18
127	PRATHAMESH GOVARDHAN DHAKARE	p6	18
128	TEJAS KIRAN PAWAR	p6	18
129	VAIDIK ANIL THADKAR	p6	26
120	komal milind Wankhade	P2	20
131	Gargi 020	P2	20
132	Pratibha Ganesh Kokmare	P2	27

27/3/24

HEAD OF THE
PHYSICS DEPARTMENT
Shri R.L.T. College Of Science
Akola

SHRI R. L. T. COLLEGE OF SCIENCE, AKOLA

Department of Physics

B.Sc.-III (SEM-V)

Internal Marksheet-2023-24

Sr.No.	Name	Pro. Ass.	Semi/GD	Unit Test	Total
		4	6	10	20
1	ADITI P. SHIRSAT	0	0	0	0
2	GAURAV M. GAYAKWAD	4	6	7	17
3	JAY P. RATHOD	4	6	7	17
4	MAYURI O. TAMBADE	4	6	10	20
5	PAVAN P. BAYASKAR	4	6	7	17
6	SANIKA D. WAGHADE	4	6	10	20
7	SHAUNAK A. LANDE	4	6	0	10
8	VAISHNAVI V. INGALE	4	6	7	17
9	AADITYA R. LAD	4	6	7	17
10	ACHAL S. BELOKAR	4	6	7	17
11	AKSHAY E. KHAROLE	4	6	7	17
12	ANURADHA G. AGARKAR	4	6	7	17
13	DIPALI H. LAUDKAR	4	6	7	17
14	GARIGI OZA	4	6	7	17
15	GAURI S. RAJPUT	4	6	10	20
16	GAYATRI R. DONGRE	4	6	7	17
17	GAYATRI M. HANDE	4	6	7	17
18	HARSH V. MEHTA	4	6	10	20
19	HARSHA L. TIWARI	4	6	7	17
20	JAYSHRI G. HADOLE	4	6	7	17
21	JUHI V. AHUJA	4	6	10	20
22	KHUSHI M. PAMPALIYA	4	6	10	20
23	KOMAL M. WANKHADE	4	6	5	15
24	KULDIP C. AHIRKAR	4	6	10	20
25	NAGESH S. AWACHAR	4	6	10	20
26	NAKUL SONI	4	6	7	17
27	NEHA N. PAWAR	4	6	10	20
28	OM R. THAKUR	4	6	10	20
29	POOJA S. FOKMARE	4	6	10	20
30	PRACHI S. PUNDE	4	6	10	20
31	PRACHI U. KUKADE	4	6	7	17
32	PRAJKTA V. KHARAPKAR	4	6	7	17
33	PRATIKSHA G. FOKMARE	4	6	10	20
34	RADHIKA G. RAUT	4	6	7	17
35	RAHUL S. JADHAO	4	6	7	17
36	RASHMI G. MAHALLE	4	6	5	15
37	RUTUJA R. AWACHAR	4	6	7	17
38	SAGAR H. BIDHAR	4	6	5	15
39	SAJATA S. GAWAI	4	6	10	20
40	SAKSHI V. MUTTHE	4	6	10	20
41	SANIKA R. FALKE	4	6	7	17
42	SAYALI A. MEHERE	4	6	10	20
43	SAYALI G. KAMBLE	4	6	7	17
44	SAYALI R. CHAUDHARI	4	6	10	20
45	SHAIKH IRSHAD SHAIKH NISAR	4	6	7	17
46	SHIVRAJ P. BULE	0	6	7	13
47	SHRUTI R. GUJAR	4	6	5	15
48	SUKANYA U. GHANSAVADH	4	6	7	17
49	TEJAS P. MORE	4	6	10	20
50	UTTARA V. UMALE	4	6	7	17
51	VAISHNAVI R. UNDAI	4	6	7	17
52	VAISHNAVI S. RAUT	4	6	5	15
53	VEDIKA P. DESHMUKH	4	6	5	15

54	AACHAL P. DAMBARE	4	6	7	17
55	ABOLI S. KHUMKAR	4	6	5	15
56	AKANKSHA M. WASKAR	4	6	7	17
57	HEENA KAUSAR ASHRAF KACCHI	4	6	10	20
58	HIMANSHU M. BADERE	4	6	5	15
59	JAY M. INGLE	4	6	7	17
60	KALYANI S. DIGAMBAR	4	6	7	17
61	LAKSHMI S. JANORKAR	4	6	7	17
62	NEHA P. GAVHALE	4	6	7	17
63	RAJESH P. MAHAPATRA	4	6	10	20
64	RASIKA R. GEET	4	6	7	17
65	SAMIKSHA R. POHARE	4	6	10	20
66	SANCHI D. MESHRAM	4	6	7	17
67	SANJANA P. DHADSE	4	6	10	20
68	SHIFA MAHREEN	4	6	7	17
69	SHUBHAM H. GHATE	4	6	7	17
70	SHUBHAM K. WAGHADE	4	6	7	17
71	SRUSHTI S. NIMKARDE	4	6	7	17
72	TUSHAR S. THORAT	4	6	10	20
73	TUSHIT K. DAMODAR	4	6	10	20
74	VIVEK G. UPADHYE	4	6	7	17
75	ABHISHEK B. JADHAO	4	6	0	10
76	ADITYA S. SHIRSAT	4	6	10	20
77	AISHWARYA D. GAYAKWAD	4	6	7	17
78	AKANKSHA A. DESHMUKH	4	6	10	20
79	ANIKET P. JADHAO	0	0	0	0
80	ARPITA A. AWACHAR	4	6	5	15
81	CHINMAY J. BARHATE	4	6	7	17
82	CHINMAYI S. AMIN	4	6	10	20
83	DEEKSHA G. MISHRA	4	6	10	20
84	INDRAYANI J. GAWANDE	4	6	10	20
85	JAYA B. DAHATONDE	4	6	10	20
86	KANCHAN M. SHARMA	4	6	10	20
87	MANGESH R. WANKHADE	4	6	7	17
88	MANSHITA D. SISODIYA	4	6	7	17
89	NEHA A. NAGPURE	4	6	7	17
90	NIKITA B. BAROKAR	4	6	7	17
91	PRATHAMESH C. GIRI	4	6	10	20
92	PRATHAMESH P. INGLE	4	6	7	17
93	PREETI R. NAGMOTE	4	6	5	15
94	PRERNA N. NIMKALE	4	6	5	15
95	ROHINI S. POHARE	4	6	0	10
96	ROHINI V. SHEGOKAR	4	6	7	17
97	ROSHANI D. AMBHORE	4	6	10	20
98	RUSHIKESH R. CHAVAN	4	6	7	17
99	SAKSHI S. WANKHADE	4	6	7	17
100	SAMIKSHA G. GORLE	4	6	7	17
101	SHARAYA D. LASURKAR	4	6	10	20
102	SHRIKUMAR V. PALASKAR	4	6	5	15
103	SHRUTI G. GORE	4	6	10	20
104	SIDDHARTH N. MANMOTHE	4	6	0	10
105	SIDDHI M. KORDE	4	6	0	10
106	SYED UZAIR ADNAN SYED NAZIM	4	6	10	20
107	TEJAS D. DAHANE	0	0	0	0
108	TEJAS D. MANWAR	4	6	10	20
109	VAIBHAV V. SARKATE	4	6	10	20
110	VAIDEHI A. CHINCHALE	0	0	0	0
111	VAISHNAVI D. SOLANKE	0	0	0	0
112	VAISHNAVI M. DHATRAK	4	6	10	20
113	VIJAY S. TAYDE	4	6	7	17
114	VISHAKHA V. SHEGAONKAR	4	6	10	20

115	VITTHAL P. KALMEGH	4	6	10	20
116	ANKIT M. PATHARKAR	4	6	7	17
117	DHIRAJ M. TELGOTE	0	0	0	0
118	MANGESH G. CHAKRADEVE	0	0	0	0
119	RINKI M. BAHURASHI	4	6	10	20
120	ROHAN D. MAHALLE	4	6	5	15
121	UDAY G. GHUGE	4	6	7	17
122	VISHWAJEET M. CHARAWANDE	4	6	10	20
123	AYUSH Z. BHAIYAWAR	4	6	7	17
124	BHARTI R. MOTWANI	4	6	7	17
125	KRISHNA R. PATIL	4	6	7	17
126	MANGESH R. JANOKAR	4	6	7	17
127	NALANDA K. DAMODAR	4	6	7	17
128	OM P. NAWALE	4	6	5	15
129	PRATHMESH G. DHAKARE	4	6	7	17
130	SHREYSHA S. WANKHADE	4	6	7	17
131	TEJAS K. PAWAR	4	6	7	17
132	VAIDIK THADKAR	4	6	7	17

SHRI RLT COLLEGE OF SCIENCE, AKOLA
Teacher Guardian Committee (Session 2023-24)

The Teacher in charged are as under:-

Degree College (Teacher Guardian)

Sr.no.	Name of Teacher	Class	Batch
1	Mrs.V.N. Badgujar (Asst.Prof.)	B.Sc-I	B5(1-60)
2	Dr. S.R. Kohchale (Asso.Prof.)	B.Sc-I	B3
3	Dr.R.L. Rahatgaonkar (Asst.Prof.)	B.Sc-I	B5(61-110)
4	Shri. S.V.Madavi (Asst.Prof.)	B.Sc-I	B2 ,B7
5	Dr. V.D.Deotale (Asst.Prof.)	B.Sc-I	B1,B6
6	Dr.R.M.Agrawal (Asst.Prof.)	B.Sc-I	P4
7	Dr. R.D.Choudhary (Asso.Prof.)	B.Sc-I	P1,P3
8	Dr. A.G.Sarap (Asst.Prof.)	B.Sc.-I	B5(111 onwards)
9	Shri. A.B. Khedkar (Asst.Prof.)	B.Sc.-I	P2,P5,P6
10	Miss.S.N. Gawande (Asst.Prof.)	B.Sc-II	B1&B2
11	Dr. A.S.Sawarkar (Asso.Prof.)	B.Sc-II	B5(1-50)
12	Dr. P.R.Kawle (Asst.Prof.)	B.Sc-II	B6,B7
13	Dr. K.M.Heda (Asst.Prof.)	B.Sc-II	B3
14	Dr. A.A.Sangole (Asst.Prof.)	B.Sc.-II	B5(51-Onwards)
15	Dr. S.R. Jaiswal (Asst.Prof.)	B.Sc-II	P1,P4
16	Shri.R.B.Ghayalkar (Asst. Prof)	B.Sc-II	P2,P3,P5,P6
17	Dr. S.M. Nagrale (Professor)	B.Sc-III	B3,B6
18	Dr. P.P. Deohate (Professor)	B.Sc-III	B1
19	Dr. P.M. Khadse (Asso.Prof.)	B.Sc-III	B5(51-Onwards)
20	Dr.R.P.Joshi (Asst.Prof.)	B.Sc-III	B5 (1-50)
21	Shri. S.C.Zyate (Asst.Prof.)	B.Sc-III	B2, B7
22	Shri R.G.Chavan (Asso.Prof.)	B.Sc-III	P1,P3, P5
23	Shri. P.P.Gedam (Asst.Prof.)	B.Sc III	P4
24	Dr. S.L.Munde (Asst.Prof.)	B.Sc III	P2&P6

Post Graduate Programmed (Teacher Guardian)

1	Dr. S.B. Tadam (Asst.Prof.)	M.Sc-I&II (Mathematics)
2	Dr. P. T. Agrawal (Asso.Prof.)	M.Sc-I&II (Chemistry)
3	Dr. H.S. Malpani (Asst.Prof.)	M.Sc-I&II (Microbiology)
4	Shri. P.P. Gedam (Asst.Prof.)	M.Sc-1 &II (Physics)
5	Dr. S.M. Nagrale (Professor)	M.Sc-1&II (Zoology)
6	Dr. P.M. Khadse (Asso.Prof.)	M.Sc-1 &II (Botany)
7	Shri.R.B.Ghayalkar (Asst. Prof)	M.Sc-1&II(Computer Science)
8	Dr. H.S. Malpani (Asst.Prof.)	M.Sc-1&II (Biochemistry)

Date:-13/09/2023

Chairman
Dr. P.M.Khadse

Principal

Principal
Shri R.L.T. College of Science
Civil Lines, AKOLA (M.S.)