



**SHRI SHIVAJI EDUCATION SOCIETY, AMRAVATI'S**

**SHRI SHIVAJI COLLEGE OF ARTS, COMMERCE AND SCIENCE, AKOLA  
(MS)**

**Affiliated with Sant Gadge Baba Amravati University, Amravati (MS)**

**UGC Status- College with Potential for Excellence (Phase II Completed)**

**DST- FIST (Level "00") Support;**

**Lead College Status by S. G. B. Amravati University, Amravati (MS)**

**Website: [www.shivajiakola.ac.in](http://www.shivajiakola.ac.in)**

**1.3.3**

**Percentage of students undertaking project work/Field  
work/Internship**

**Academic Year: 2020-2021**

Shri Shivaji Education Society, Amravati's

# SHRI SHIVAJI COLLEGE OF ARTS, COMMERCE AND SCIENCE, AKOLA



NAAC Re-Accredited with A grade with CGPA 3.24  
UGC Status of 'College with Potential for Excellence', DST-FIST level- 0 Support

**Lead College status by S.G.B.A.U. Amravati**

Near Shivaji Park, Akola - 444 001 (Maharashtra)

Phone & Fax : 0724-2410438/2411039

Website : shivajiakola.ac.in E-mail : principal@shivajiakola.ac.in



**Late Dr. Panjabrao Deshmukh**  
Founder President

**Hon. Harshvardhan Deshmukh**  
President

**Dr. Ambadas L. Kulat**  
Principal

No. SSC/AKL/

Date 15/12/2021

## Declaration

This is to declare that the information, reports, true copies and numerical data etc. furnished in this file as supporting documents is verified by IQAC and found correct.

Hence this certificate.

Dr. A. S. Raut  
**Dr. A. S. Raut**  
IQAC Co-ordinator  
**Shri Shivaji College of Arts,  
Commerce & Science, AKOLA**

Dr. A. L. Kulat  
**PRINCIPAL**  
Shri Shivaji College, of Arts  
Commerce & Science, AKOLA  
A GRADE C.GPA. 3.24., BY NAAC

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# Shri Shivaji College of Arts, Commerce and Science Akola.

## Department of Chemistry

B. Sc. II Sem III

Exam W/2020

### Project Allotment Notice

All the students of B Sc II Sem III are hereby informed that they should submit the project online on the given link provided on the whats app group allotted from the Project list on or before the 01/03/2021.

S. No	Name of Student	Project No
1.	AACHAL RAMAKANT BIHAUT	1
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3.	AACHAL SATISH NIKAM	3
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26.	ALFIYA JABEEN YUNUS SHAIKH	1
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32.	ANAM FIRDOSE JUNAID AAMIR KHAN	7
33.	ANAND PRAKASHRAO DESHMUKH	8
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55.	ASHWINI SIDDHARTH MORE	5
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101.	HARSHADA SANTOSH WAGH	1
102.	HEENA FIRDOUS SHAIKH AMIR	2
103.	HRUSHIKESH ONKAR RAKHONDE	3
104.	HUMAMA GULZAIB IMTIYAZ AHMAD KHAN	4
105.	HUMERA FATEMA ASIF SALAHUDDIN KHATIB	5
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126.	MANISH SEVAKRAM INGLE	1
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141.	MINAL GAJANAN PAJAI	16
142.	MOHAMMAD Aaftabuddin MOHAMMAD AYAZUDDIN	17
143.	MOHAMMAD AATIF MOHAMMAD SALEEM .	18
144.	MOHAMMAD AWES` MOHAMMAD AHMAD	19
145.	MOHAMMAD MINHAI MOHAMMAD SHAKEEL	20
146.	MOHAMMAD MUDASSIR MOHAMMAD SADIQUE QURESHI	21
147.	MOHAMMAD PARVEZ SHAIKH SHAKEEL	22
148.	MOHAMMAD SAIF AFSAR KHAN	23
149.	MOHANISH VASUDEO RANDIVE	24
150.	MOHINI MOHAN FALKE	25
151.	MOHIT ANILRAO KAPALE	1
152.	MONALI RAJENDRA TAYADE	2
153.	MRUNAL ANIL DHEPE	3
154.	MUBASHSHIRA NAAZ KHALEQUE SHAH .	4
155.	MUKTA SANJAY BHINGARE	5
156.	MUSKAAN ALTAF GAZI	6
157.	MUSKAN SADAF MOHAMMAD IDREES	7
158.	NARESH SHAMRAO KONGE	8
159.	NEHA VINAYAK TAYADE	9
160.	NIKEETA HIMMATRAO MUNDE	10
161.	NIKITA GOPALKRUSHNA FOKMARE	11
162.	NIKITA NAGSEN TOBRE	12
163.	NIKITA PRAKASH SURWADE	13
164.	NILESH MURLIDHAR DHOTRE	14
165.	NIVRUTTI SANJAY AMBADKAR	15
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198.	PRATIKSHA DADARAO BOLE	23
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204.	PREM GAJANAN NAGRALE	4
205.	PRERNA VIJAY KAITHWAS	5
206.	PRITI SHIVLAL LASURKAR	6
207.	PRIYA DNYANESHWAR WANKHADE	7
208.	PRIYANKA DEEPAK MEHTA	8
209.	PRIYANKA KESHAVRAO KOLHE	9
210.	PRIYANKA MADHUSUDAN BAHAKAR	10
211.	PRIYANKA PRAVIN TATHOD	11
212.	PRIYANKA SANJAY CHAUDHARI	12
213.	PRIYANKA SANTOSH MAHALLE	13
214.	PRIYANKA UKARDA PUNDE	14
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216.	PUNAM NATHA WADHAVE	16
217.	QARIYA SAHER ALTAF KHAN .	17
218.	QUANETA ANAM ASIF KHAN	18
219.	QUDSIYA ZAM ZAM MOHAMMAD SADIQR REHMAN ,	19
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223.	RAJSHRI SANTOSH INGOLE	23
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225.	RAKHI UTTAMRAO KOLHE	25
226.	RANCHIKA NAMDEO GAJBHIYE	1
227.	RANI KIRAN BHATKAR	2
228.	RANI RAM KUSHWAHA	3
229.	RANI YOGESH HUMANE	4
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355.	VAISHNAVI SANJAY RANE	5
356.	VAISHNAVI SATISHRAO CHATAR	6
357.	VAISHNAVI SHANTARAM GAWANDE	7
358.	VAISHNAVI SUDHAKAR UNHONE	8
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375.	WAJAHAT SALEEM PARVEZ	25
376.	WAJEEHA TASNEEM SHAIKH ANEES	1
377.	YASH ARUN WANKHADE	2
378.	YASH GAJANAN MILKE	3
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380.	YOGESHWARI VISHRANT TAYADE	5
381.	YOGITA EKNATH GAWALI	6
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*Bachy*  
*SL*

Teacher In-Charge

*[Signature]*  
HEAD  
Department of Chemistry  
Shri Shivaji College of Arts  
Commerce & Science. AKOLA

*[Signature]*  
PRINCIPAL  
Shri Shivaji College of Arts  
Commerce & Science. AKOLA  
A GRADE C.G.P.A.S. & BY U.P.A.C

## Project Assignment

**Class: B. Sc II**

**Semester III Subject: 3S Chemistry**

**Project No.**

**Project Name**

1. Molecular Orbital Theory. Postulates of MO theory. Formation of bonding and anti bonding MOs. MO energy level diagram. Concept of bond order. MO structure of homo nuclear diatomic molecules of namely He<sub>2</sub>, H<sub>2</sub>, N<sub>2</sub> and O<sub>2</sub>.
2. Stability sequence of species of O<sub>2</sub> i.e. O<sub>2</sub>, O<sub>2</sub><sup>+</sup>, O<sub>2</sub><sup>2+</sup>, O<sub>2</sub><sup>-</sup> and O<sub>2</sub><sup>2-</sup>. Paramagnetic nature of O<sub>2</sub>. MO structure of hetero nuclear diatomic molecules viz. NO, HF and CO (Coulson's structure).
3. Explanation of important properties of CO viz. – triple bond, almost non polar nature, electron donor and acceptor behaviour. Comparison of VB and MO theories.
4. Free electron theory and properties of metals such as electrical and thermal conduction, malleability, ductility and metallic lusture. VB theory or Resonance theory of metals.
5. Band theory to explain nature of conductors, insulators and semiconductors (both intrinsic and extrinsic). Various rules under VSEPR theory to explain molecular geometry. explain various rules- BeCl<sub>2</sub>, BF<sub>3</sub>, CH<sub>4</sub>, NH<sub>4</sub><sup>+</sup>, PCl<sub>5</sub>, SF<sub>6</sub>, IF<sub>7</sub>, SnCl<sub>2</sub>, NH<sub>3</sub>, H<sub>2</sub>O, SF<sub>4</sub>, ClF<sub>3</sub>, BrF<sub>5</sub>, XeF<sub>6</sub>, SOF<sub>4</sub>, COF<sub>2</sub>, PCl<sub>3</sub>, ). Limitations of VSEPR theory.
6. Volumetric analysis, titrant, titrate, end point, equivalence point, indicator etc. Requirements of volumetric analysis. Standard solution, primary standard substance. Requirements of primary standard substance. Terms to express concentrations namely- molarity, normality, molality, mole fraction and percentage.
7. Types of acid base titrations. pH variations during acid base titration. Acid base indicators. Modern theory (Quinoniod theory) of acid base indicators. Choice of suitable indicators for different acid base titrations
8. General principles involved in redox titrations (redox reactions, redox potentials, oxidant, reductant, oxidation number). Brief idea about use of KMnO<sub>4</sub>, K<sub>2</sub>Cr<sub>2</sub>O<sub>7</sub> as oxidants in acidic medium in redox titrations.
9. Use of I<sub>2</sub> in iodometry and iodimetry. Redox indicators-external and internal indicators. Use of starch as an indicator. Iodometric estimation of Cu (II).
10. Theoretical principles underlying various steps involved in gravimetric analysis with reference to estimation of barium as barium sulphate.
11. Coprecipitation and post precipitation. (Definition, types and factors affecting).  
Preparation of acetaldehyde from ethanol, ethylidene chloride and acetylene.  
Preparation of benzaldehyde from benzene (Gattermann-Koch reaction) and toluene.
12. Preparation of acetone from isopropyl alcohol, isopropylidene chloride and propyne. Preparation of acetophenone from benzene and ethyl benzene.
13. Reactions of aldehydes &/or ketones: Cannizaro's, Reformatsky, Perkin with mechanism, Mannich reaction, Benzoin and Aldol condensations. Clemmensen, Wolf-Kishner, MPV and LiAlH<sub>4</sub> reductions.
14. Structure and reactivity of carboxylic groups. Acidity of carboxylic acids, effects of substituents on acids strength. Oxalic acid: Preparation from



ethylene glycol and cyanogen. Reactions: Reaction with ethyl alcohol, ammonia, glycerol and action of heat.

15. Lactic acid: Preparation from acetaldehyde and pyruvic acid. Reactions: Reaction with ethanol,  $\text{PCl}_5$ , action of heat, oxidation and reduction. Benzoic acid: Preparation from toluene, benzyl alcohol, phenyl cyanide and benzamide. Reactions : Reaction with ethanol,  $\text{PCl}_5$  and ammonia.
16. Salicylic acid: Preparation by Reimer-Tiemann reaction. Reactions: Reaction with  $\text{CH}_3\text{COCl}$ ,  $\text{CH}_3\text{OH}$  and  $\text{C}_6\text{H}_5\text{OH}$ . Element of symmetry, chirality, asymmetric carbon atom, enantiomers, diastereoisomers, relative and absolute configurations, DL and RS nomenclature, racemisation and resolution (by chemical method).
17. Cis-trans & *E-Z* nomenclature, Methods of structure determination. Bayer's Strain theory and its limitations. Stability of cycloalkanes, Conformational isomers of ethane, n-butane and cyclohexane, their energy level diagrams. Newman & Sawhorse projection formulae.
18. Gibb's and Helmholtz's free energy function. Physical significance of Gibb's free energy, Change in free energy as criteria of spontaneity and equilibrium. Variation of free energy  $G$  with  $P$  &  $T$ . Gibb's-Helmholtz's equation in terms of  $G$  and its application. Partial molal function, chemical potential, derivations of Gibb's-Duhem equation. Chemical potential of an ideal gas in gaseous mixture.
19. Derivation of vant Hoff's isotherm and its application to equilibrium state. Derivation of vant Hoff's equation and its applications.
20. Immiscible liquids, Nerst distribution law and its application to association and dissociation of solute in one of the solvent. Process of extraction, derivation of formula for the amount of solute left unextracted after  $n$ th extraction.
21. Phase transition - Clausius-Clyperon equation (only qualitative statement). Partially miscible liquids - Phase diagram of phenol-water, triethyl amine - water and nicotine-water systems
22. Surface tension, determination and its S.I. Unit. Effect of temperature on surface tension, derivation of expression for relative surface tension by Drop number method. Application of surface tension. Viscosity, determination and its S.I. Unit. Effect of temperature on viscosity, derivation of expression for relative viscosity by Ostwald's viscometer method. Applications of viscosity.
23. Conductance of electrolyte solution. Specific, equivalent and molar conductance. Determination of conductance of electrolyte solution, variation of specific and equivalent conductance with dilution for strong electrolyte. Conductometric titrations.
24. Migration of ions under the influence of electric field. Transport number of ions. Determination of transport number by Hottorf's method and Moving boundary method.
25. Kohlrausch's law of independent migration of ions. Determination of  $\lambda^\infty$  and degree of dissociation of a weak electrolyte. Determination of dissociation constant of weak electrolyte.

# Shri Shivaji College of Arts, Commerce and Science Akola.

## Department of Chemistry

B. Sc. III Sem V

Exam W/2020

### Project Allotment Notice

All the students of B Sc III Sem V are hereby informed that they should submit the project online on the given link provided on the whats app group allotted from the Project list on or before 01/03/2021.

S. No	Name of Student	Project No
1.	Abdul Wahab Abdul Samad	1
2.	Abhishek Purushottam Raipure	2
3.	Afreen Naaz Abdul Rauf	3
4.	Ajitsingh Shivilalsingh Rajput	4
5.	Asmita Oimbe	5
6.	Atufa Tasneem Khan Anis Khan	6
7.	Barira Aiman Mufti Mohammad Ashfaque Qasmi	7
8.	Bharati Vasanta Tatar.	8
9.	Chetan Gajanan Kathole	9
10.	Dinesh Shamrao Khopade	10
11.	Dipali Gopal Ghangaon	11
12.	Dipti Kamalakar Nemade	12
13.	Hema Ramu Bhongade	13
14.	Janhavi Dinesh Thakare	14
15.	Jaya Santosh Ghonge	15
16.	Kanchan Ashok Borse	16
17.	Karan Arjun Pawar	17
18.	Krushna Rajesh Thakare	18
19.	Mohd Aadiluddin Mohd Wasimuddin	19
20.	Nikhil Pramod Mhaske	20
21.	Nikita Sunil Atkad	21
22.	Nikita Vijay Yenkar	22
23.	Pooja Anant Khadse	23
24.	Pragati Raju Raut	24
25.	Prajakta Manohar Bhade	25
26.	Pranay Vilas Arbat	26
27.	Rajnandini Umesh Damodar	27
28.	Sahil Nandkishor Boche	28
29.	Saket Hitesh Bagtharia	29
30.	Saleha Nasreen Abdur Rehman	30
31.	Shital Purushottam Pandav	31
32.	Shreya Ashok Bhute	32
33.	Shubham Premkumar Sanap	33
34.	Shubham Sunil Ghorade	34
35.	Siddhi Vijay Andhare	35
36.	Soni Bhgawan Madankar	36
37.	Syeda Sana Syed Sajid	37
38.	Tejal Narendra Sangole	38
39.	Urmila Sanjay Patankar	39
40.	Vaishnavi Dnyaneshwar Adhau	40
41.	Vaishnavi Mahadeo Bahadurkar	41
42.	Vijaya Pralhad Damdhar	42
43.	Abhishek Madhavrao Bharsakle	43
44.	Abhishek Panjabarao Gawande	44
45.	Ajinkya Prakash Nimkande	45
46.	Akash Maroti Akhare	46
47.	Ashish Prashant Palhade	47
48.	Ashwini Ganesh Choudhary	48
49.	Ashwini Vasanttrao Deshmukh	49

50.	Gauri Shivajirao Bhamburkar	50
51.	Gayatri Raosaheb Thakare	1
52.	Ghanshyam Santosh Chandurkar	2
53.	Hariom Rameshwar Shingne	3
54.	Kalyani Nitin Deshmukh	4
55.	Komal Subhash Sarsar	5
56.	Amarika Bhalchandra Mule	6
57.	Neha Sanjay Aaseri	7
58.	Sakshi Dipak Dewar	8
59.	Vaishnavi Umesh Kale	9
60.	Manoj Dnyaneshwar Lokhande	10
61.	Mayur Dashrath Gawade	11
62.	Mohammad Aadil Shaikh Alauddin	12
63.	Neha Manoj Ingle	13
64.	Pranali Ganeshrao Ronghe	14
65.	Pratik Gajanan Bhagat	15
66.	Pratiksha Prabhakar Datey	16
67.	Rushikesh Ravindra Sarode	17
68.	Rushikesh Ravindra Shegokar	18
69.	Sameer Ravindra Shimpi	19
70.	Samruddhi Dhananjay Payas	20
71.	Shiva Nandlal Bramhane	21
72.	Shivani Vilas Ingle	22
73.	Swaraj Rajendra Jangade	23
74.	Ulhas Bhaktapralhad Bhakare	24
75.	Vaibhav Govinda Kogde	25
76.	Vaibhav Sahebrao Dhangar	26
77.	Vidnypti Bharat Paravatkar	27
78.	Vrushali Atmaram Ambadkar	28
79.	Yash Ramesh Sapdhare	29
80.	Aman Ishwar Borkar	30
81.	Chetan Trilokchand Pagariya	31
82.	Dipali Dilip Barad	32
83.	Dnyaneshwar Devman Dhore	33
84.	Falak Haroon Rangrej	34
85.	Gauri Gajanan Gond	35
86.	Jaydev Ramesh Chavan	36
87.	Kajal Dayaram Surwade	37
88.	Komal Gajanan Zagade	38
89.	Krutika Sanjay Waghmare	39
90.	Lakhan Parsharam Padwal	40
91.	Prajakta Pramod Kalmegh	41
92.	Rupesh Pathrikar	42
93.	Sankalp Gajghate	43
94.	Sanskruiti Angatrao Bajare	44
95.	Sayali Maroti Diwnale	45
96.	Shailesh Dhanraj Umale	46
97.	Surbhi Santoshrao Deshmukh	47
98.	Syed Omar Waqas Syed Zahir	48
99.	Tushar Anil Giri	49
100.	Umesh Arun Dabre	50
101.	Utkarsh Anil Pachpor	1
102.	Ku Vaishnavi Ramdas Kalane	2
103.	Vaishnavi Vishwanath Pophale	3
104.	Vedika Nitin Warankar	4
105.	Vijay Nandkishor Dod	5
106.	Vijay Suresh Gawande	6
107.	Yogeshwari Santosh Dhokne	7
108.	Zainab Murtuza Patta	8
109.	Aafreen Saba Ziaulla Khan	9
110.	Abhishek Ashok Dewar	10
111.	Akshay Devidas Ghogare	11

112.	Amit Haridas Dandale	12
113.	Apurva Narendra Khadse	13
114.	Ashwini Anil Parakale	14
115.	Ashwini Mohan Bharane	15
116.	Avinash Nagorao Khanderao	16
117.	Bilal Ahmed Khan Ayaz Ahmed Khan	17
118.	Dipali Dhananjay Sonone	18
119.	Farhat Anjum Abdul Sadique	19
120.	Ganesh Ananta Gawande	20
121.	Gaurav Bhanudas Gawai	21
122.	Gaurav Dharmnath Vijaykar	22
123.	Isha Shankar Janorkar	23
124.	Kaleem Ullah Khan Ziya Ullah Khan	24
125.	Kiran Munnalal Thakare	25
126.	Masarrat Fatema Mohd Kamal Siddiqui	26
127.	Mohammad Shahbaz Mohammad Shafique	27
128.	Munazza Ahsanat Mohammad Abrar	28
129.	Nahid.... Anjum Shaikh Rauf	29
130.	Nida Anam Rafiullah Khan	30
131.	Nikhil Gajanan Sonone	31
132.	Nikita Purushottam Awchar.	32
133.	Nusrat Bano Mohammad Farooque	33
134.	Pratik Rajesh Oimbe	34
135.	Rishikesh Anil Gaware	35
136.	Rohit Avinash Kharat	36
137.	Rukhsar Anjum Shaikh Wajid	37
138.	Sanket Ajabrao Gawarguru	38
139.	Shoeb Ahmad Khan	39
140.	Shradhha Vijay Pakhale	40
141.	Shubham Ukharda Wankhade	41
142.	Taskeen Saba Syed Mohsin	42
143.	Vivek Manikrao Shelke	43
144.	Aachal Nandkishor Shegokar	44
145.	Abhijeet Vitthal Dhage	45
146.	Adesh Sudhakar Ingle	46
147.	Akash Shrikrushana Bochare	47
148.	Faranabi Shekh Salim	48
149.	Kanchan Deogan Ingle	49
150.	Divya Girdhari Dabre	50
151.	Pratiksha Gopal Paraskar	1
152.	Mangalagauri Parmeshwar Pakhare	2
153.	Nakul. Rameshwar. Chopde.	3
154.	Namrata Rajendra Hiwarkar	4
155.	Nandini Pramod Deshmukh	5
156.	Nikita Arjun Damdhar	6
157.	Om Rameshwar Tale	7
158.	Palak Rajendra Varma	8
159.	Pragati Santosh Dhole	9
160.	Prajakta Ravindra Gole	10
161.	Pratik Sunil Sargar	11
162.	Pratiksha Ganesh Kale	12
163.	Pratiksha Mahadev Dhait	13
164.	Priti Rameshwar Thakare	14
165.	Priyanka Dilip Tathe	15
166.	Punam Rajesh Dhawale	16
167.	Rishabh Shyamlal Kanojiya	17
168.	Ritesh Lndrabhan Sangokar	18
169.	Rohitkumar Ramesh Shegokar	19
170.	Rupali Pandurang Hardas	20
171.	Sakshi Vilas Dhande	21
172.	Sakshi Vinod Pathrikar	22
173.	Ku. Shreya Sanjay Giri	23

174.	Shubham Dnyaneshwar Solanke	24
175.	Shyam Rajendra Pagrut	25
176.	Vaishali Chandrashekar Dhanbhar	26
177.	Vaishali Onkar Dangre	27
178.	Vaishnavi Anil Jadhav	28
179.	Vaishnavi Purnaji Kakde	29
180.	Vaishnavi Sanjay Pimpalkar	30
181.	Varsha Dashrath Bodkhe .	31
182.	Ku Yogita Vasanta Narkhede	32
183.	Yuvraj Arun Rane	33
184.	Aasiya Parveen Shaikh Anjum	34
185.	Abhijeet Rajendra Sardar	35
186.	Abhishek Ashok Shirale	36
187.	Aditya Ganesh Ghate	37
188.	Aeras Tabassum Ghulam Farooque	38
189.	Afiya Shaikh Mujib	39
190.	Akshay Baban Jadhav	40
191.	Ammad Lodhi Ejaz Khan Lodhi	41
192.	Aniket Gopal Gaygol	42
193.	Ku. Anjali Bharat Tadse	43
194.	Ankita Gajanan Nawalkar	44
195.	Arati Gajanan Lahudkar	45
196.	Arshiya Anjum Mohammad Masi Uddin	46
197.	Asma Parveen Zaheer Khan	47
198.	Atif Iqbal Mohammad Ateeque Ur Rehman	48
199.	Avinash Ramchandra Natekar	49
200.	Ayesha Mohammad Anis Kasmani	50
201.	Bi Bi Khudeja Aarif Khan	1
202.	Deepika Shivhari Khanzode	2
203.	Dipa Rajendra Thakare	3
204.	Faizan Khan Yusuf Khan.	4
205.	Farah Firdous Gulam Farooque	5
206.	Hafsa Saman Abdul Wajid	6
207.	Hariya Firdos Mohammad Fayaz	7
208.	Humaira Firdous Abdul Hadi	8
209.	Idris Khan Jalil Khan	9
210.	Ifrah Shadan Mohammad Azhar	10
211.	Jaweriya Sadaf Yunus Shah	11
212.	Jayesh Arun Janjal	12
213.	Jayesh Sanjay Ingle	13
214.	Kajal Gajananan Ramekar	14
215.	Kanchan Santosh Dhanbhar	15
216.	Maleha Tashmeer Javed Khan	16
217.	Pallavi Kashinath Sadar	17
218.	Ruchita Sunil Phale	18
219.	Swati Bhaurao Rathod	19
220.	Tejaswini Prakash Bhople	20
221.	Leeza Tasneem Mohammad Irfan Patel	21
222.	Madeeha Kausar Abdul Qayyum	22
223.	Madiha Urooj Mohammad Ibrahim	23
224.	Mahesh Gajanan Suryawanshi	24
225.	Mahima Diwakar Sirsat	25
226.	Masarrat Jahan.Mohammad Kashif	26
227.	Maseera Afif Mirza Anees Baig	27
228.	Masira Fatema Intesar Hasan Qureshi	28
229.	Mehreen Saleha Mohammad Zakir	29
230.	Mehwash Fatema Mohammad Zakir	30
231.	Mohammad Kaif Mohammad Javed	31
232.	Mohammad Saheb Shaikh Aalam	32
233.	Mohammad Sahil Mohammad Shafi	33
234.	Mohit Ramrao Gaikwad	34
235.	Moin Faiz Abdul Anis	35
236.	Monali Sanjay Bhakare	36

237.	Nameera Saman Shams Ul Haque	37
238.	Namira Firdous Waheed Ur Rehman	38
239.	Narendra Vishwanath Sonone	39
240.	Neha Santosh Padmane	40
241.	Nida Fatema Ibrahim Khan	41
242.	Nida Parveen Naiyyar Aziz Khan	42
243.	Nikhil Murlidhar Bhatkar	43
244.	Nikita Umesh Damodar	44
245.	Numan Khan Yunus Khan	45
246.	Omprakash Rajesh Deshmukh	46
247.	Prachi Dayaram Jadhao	47
248.	Pragati Sunil Tikar	48
249.	Pranav Ramesh Tivhane	49
250.	Radha Kishor Dhumale	50
251.	Rajshree Rajesh Mishra	1
252.	Rohini Dharmaraj Nandagawali	2
253.	Rushikesh Ganesh Ghuge	3
254.	Rushikesh Rajesh Kapate	4
255.	Saba Sarvat Sk Aarif	5
256.	Saleha Tabassum Mohammad Asif Qureshi	6
257.	Saniya Syed Salim	7
258.	Saurabh Ganesh Waghode	8
259.	Sayyed Awes Sayyed Hasan	9
260.	Shantanu Bharat Patil	10
261.	Shireen Mahjabeen Zakir Ullah Khan	11
262.	Ku. Shivani Ramrao Waghmare	12
263.	Shoeb Raja Deshmukh	13
264.	Shraddha Gopinath Devkar	14
265.	Shri Jagdish Wankhade	15
266.	Shubham Gajanan Aglave	16
267.	Shubhangi Sanjay Khedkar	17
268.	Shumaila Aafreen Nusrat Ullah Khan	18
269.	Sneha Ravi Pagrut	19
270.	Sonali Vinod Gawai	20
271.	Subhash Murlidhar Nage	21
272.	Sumayya Bano Abdul Waheed	22
273.	Sunil Shriram Maighane	23
274.	Swapnil Sunil Thorat	24
275.	Taskeen Fatema Rizwan Khan	25
276.	Ku Ujjawala Bhikaji Meshram	26
277.	Vaishnavi Prakash Ade	27
278.	Vaishnavi Ravindra Mali	28
279.	Vaishnavi Sahadeo Hivarkhede	29
280.	Vaishnavi Sopan Dhole	30
281.	Varsha Kailas Shinde	31
282.	Vijay Bhagwat More	32
283.	Vrushali Rajesh Murumkar	33
284.	Yashraj Devendrasingh Thakur	34
285.	Yogesh Balu Dahatonde	35
286.	Achal Sanjay Gawande	36
287.	Afeera Fatema Akbar Ali Khan	37
288.	Akash Suresh Nirmal	38
289.	Akshata Anandrao Fatkar	39
290.	Ankita Prabhakar Waghmare	40
291.	Ankush Gajanan Wasatkar	41
292.	Arati Sadashiv Karanjkar	42
293.	Arbaz Khan Ayaz Khan	43
294.	Ashwini Mahadeo Telgote	44
295.	Ashwini Ravindra Waghmare	45
296.	Asma Ammara Riyaz Khan	46
297.	Diksha Anna Sirsat	47
298.	Dipali Vishwanath Raut	48
299.	Ganesh Chandrashekhar Sahastrabuddhe	49

300.	Gaurav Madhukar Bhave	50
301.	Gayatri Dinkar Thakare	1
302.	Himani Gajanan Pande	2
303.	Hina Firdous Mohammad Mubeen	3
304.	Hrushikesh Chandrabhan More	4
305.	Kanchan Bhaskar Khole	5
306.	Kapil Chintaman Khillare	6
307.	Kashmira Vijay Pachpor	7
308.	Kiran Ganesh Sirsat	8
309.	Komal Bhashkar Khole	9
310.	Komal Shankar Bhagat	10
311.	Aarti Mohan Kakad	11
312.	Mahesh Nilesh Gawande	12
313.	Mariya Fatema Javed Parvez Khan	13
314.	Mayur Gajanan Bagale	14
315.	Mohammad Tausif Mohammad Haseeb	15
316.	Monika Jagdish Tathod	16
317.	Nikhil Shrirang Ingale	17
318.	Priti Nivrutti Khond	18
319.	Priya Avinash Ingle	19
320.	Qazi Merajuddin Qazi Faheemuddin	20
321.	Rajas Shashikant Sonone	21
322.	Rani Bhikaji Bodakhe	22
323.	Rushikesh M Bajare	23
324.	Rutuja Manohar Rodge	24
325.	Saima Parveen Abdul Sabir	25
326.	Sakshi Krushnarao Deshmukh	26
327.	Sapna Vinayak Chavhan	27
328.	Saurav Najukarao Bunde	28
329.	Sayyeda Fatema Syed Mumtaz Uddin	29
330.	Sharada Murlidhar Bathe	30
331.	Shital Manoj Khandare	31
332.	Shivani Sanjay Shelke	32
333.	Shrihari Ramkrishna Tapre	33
334.	Shrikant Prakash Wadkar	34
335.	Shubham Arun Makode	35
336.	Shweta Raju Sonawane	36
337.	Siddhant Sanjay Khutafale	37
338.	Snehal Madhukarrao Dhule	38
339.	Tahreem Anam Nasir Ullah Khan	39
340.	Uzma Kausar Mohammad Yunus	40
341.	Vaishnavi Pramod Badarkhe	41
342.	Vaishali Purushottam Bhojane	42
343.	Vaishanvi Ashok Chopde	43
344.	Vaishnavi Balkrushna Kale	44
345.	Vaishnavi Pradip Gawande	45
346.	Vaishnavi Santosh Gawande	46
347.	Vaishnavi Satish Upadhye	47
348.	Vipul Akaram Rathod	48
349.	Vishakha Vinayak Telgote	49
350.	Vishal Surendra Rahate	50
351.	Jayashri Vijaypant Gurmale	1
352.	Aishwarya Mahendra Jain	2
353.	Aishwarya Santosh Mhaisne	3
354.	Aliya Iram Asif Khan	4
355.	Aniket Ninaji Damre	5
356.	Ku. Anjali Kailas Bhonge	6
357.	Ankit Dnyandeo Murhe	7
358.	Arpit Ramdas Lonagre	8
359.	Diksha Vikas Dhenge	9
360.	Ishwari Prashant Chaudhari	10
361.	Jaykumar Gajanan Pandav	11
362.	Madiha Mahwash Shaikh Mubeen	12

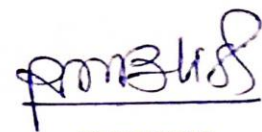


363.	Minal Hemant Jain	13
364.	Nikhil Santosh Damodar	14
365.	Priti Santosh Bansod	15
366.	Rushikesh Purushottam Avchar	16
367.	Saurabh Ashokrao Pundkar	17
368.	Saurabh Kishor Pandav	18
369.	Shubham Dnyandeo Mehankar	19
370.	Shubham Gajanan Late	20
371.	Shweta Shantaram Mahore	21
372.	Suraiyya Yusuf Parsuwale	22
373.	Vedant Ramkrushna Shejole	23
374.	Yashika Manoj Tiwari	24
375.	Aakanksha Manoj Sonone	25
376.	Abhishek Ramarao Waghmare	26
377.	Aniket Rajendra Bodhade	27
378.	Darshan Kishor Sonone	28
379.	Dipti Dilip Gogate	29
380.	Heeba Iram Irshadullah Khan	30
381.	Hrishikesh Ashok Thakare	31
382.	Hrushikesh Vishnu Kachkure	32
383.	Kalyani Anand Nage	33
384.	Kalyani Santosh Pawade	34
385.	Kanchan Ashok Yevle	35
386.	Komal Nagorao Waghmare	36
387.	Dnyaneshwari Pradip Avhale	37
388.	Monika Dnyaneshwar Jadhao	38
389.	Mukta Sanjay Vikhe	39
390.	Narayan Arun Shelke	40
391.	Neha Niranjana Mohod	41
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393.	Pallavi Jaysinh Thakur	43
394.	Pradnya Pravin Dongre	44
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398.	Pratiksha Sanjay Sontakke	48
399.	Ku.Revati Wamanrao Lokhande	49
400.	Rushikesh Ghanshyam Dandale	50
401.	Sakshi Vitthal Dhote	1
402.	Sana Sadaf .Shaikh Zameer	2
403.	Ku.Sapna Raju Wankhade	3
404.	Shaikh Faizan Abdul Aziz	4
405.	Shital Dhanraj Lute	5
406.	Shital Gajanan Dhule	6
407.	Shivam Madhukar Patharkar	7
408.	Shivani Diwakar Gawai	8
409.	Shivani Shrikrushna Nimbolkar	9
410.	Shraddha Sudhir Kathoke	10
411.	Shraddha Suresh Mankar	11
412.	Sudhir Anant Sarate	12
413.	Sujata Rahul Raibole	13
414.	Sumera Afreen Mohammad Rafi	14
415.	Usama Ahmad Khan Mashkur Khan	15
416.	Vaishali Jivan Bunde	16
417.	Vaishnavi Gajanan Anasane	17
418.	Vaishnavi Gajanan Lod	18
419.	Vaishnavi Manish Gawande	19



Teacher In-Charge

  
 Head  
**HEAD**  
 Department of Chemistry  
 Shri Shivaji College of Arts  
 Commerce & Science  
 AKOLA



PRINCIPAL  
 Shri Shivaji College of Arts  
 Commerce & Science, AKOLA  
 A GRADE C.GPA.3.24 BY NAAC

**SHRI SHIVAJI COLLEGE OF ARTS, COMMERCE, AND SCIENCE, AKOLA**

**Department of Chemistry**

**Class: B. Sc. III (Semester V)**

**Topics of Project Assignments**

<b>Project No.</b>	<b>Name of Project</b>
1	Werner's theory of coordination and experimental evidences on the basis of conduction data and formation of AgCl precipitate in case of cobalt amines.
2	Sedgwick's Electronic Interpretation and its EAN rule
3.	Structural isomerism-ionization, linkage and coordination isomerism in complexes.
4.	Geometrical isomerism in octahedral complexes of type $Ma_4b_2$ , $Ma_4bc$ , $Ma_3b_3$ , $M(AA)_2b_2$
5.	Geometrical isomerism in Square planar complexes of type $Ma_2b_2$ and $Ma_2bc$ .
6.	Optical isomerism in octahedral complexes of type $Ma_2b_2c_2$ , $Mabcdef$ , $M(AA)_3$ , $M(AA)_2b_2$
7.	Optical isomerism in square planar complexes.
8.	Structure and bonding in $[Co(NH_3)_6]^{3+}$ and $[Cr(NH_3)_6]^{3+}$ on the basis of VBT
9.	Stability of Chelates with special reference to chelate Effect
10.	Applications of chelates in analytical chemistry
11.	Crystal field splitting in octahedral complexes.
12.	Crystal field splitting in tetrahedral complexes.
13.	Crystal field splitting in distorted octahedral complexes.
14.	Crystal field splitting in square planar complexes.
15.	Factors affecting the magnitude of crystal field splitting in octahedral complexes.
16.	Concept of CFSE. Distribution of electrons in $t_{2g}$ and $e_g$ orbitals in octahedral complexes.
17.	High spin and low spin complexes on the basis of $\Delta_o$ and pairing energy
18.	Types of electronic transitions. Selection rules for d-d transitions.
19.	Orgel diagram for $d^1$ and $d^9$ octahedral complexes.
20.	Discussion of electronic spectrum of $[Ti(H_2O)_6]^{3+}$ complex ion.
21.	Spectrochemical series.
22.	Orientation of Electrophilic substitution reaction in Pyrrole.
23.	Orbital Picture of Pyrrole.
24	Orientation of Electrophilic Substitution reaction In Pyridine.
25.	Orientation of Nucleophilic Substitution reaction In Pyridine.
26.	Synthetic applications of Grignard Reagent.
27	Synthetic applications of Methyl lithium.
28.	Classification of dyes on the basis of structure.
29	Classification of dyes on the basis of mode of applications.
30	Preparation and uses of Methyl orange.
31	Preparation and uses of Crystal Violet.
32.	Preparation and uses of Alizarin.
33.	Preparation and uses of Sulphanilamide
34.	Preparation and uses of Sulphadiazine.
35.	Preparation and uses of Phenyl butazone.
36.	Preparation and uses of Chloroquine.
37.	Preparation and uses of Malathion.
38.	Preparation and uses of 2,4-D.
39.	Classification of pesticides.
40.	Preparation and uses of thiram.
41.	Electromagnetic radiation. Characterization of EMR in terms of wavelength, frequency, wave number and energy of photon Spectrum of electromagnetic radiations.
42.	Energy level diagram of a molecule indicating electronic, vibrational and rotational transitions.
43.	Selection rule for rotational transitions.
44.	Derivation of expression for moment of inertia of a diatomic rotor.
45.	Isotope effect. Applications of microwave spectroscopy for the determination of moment of inertia and bond length.
46.	Selection rule for vibrational transitions.
47.	Vibrational energy levels of a simple harmonic oscillator.
48.	Raman effect. Raman spectrum of a molecule. Condition for exhibiting Raman spectrum.
49.	Fluorescence and Phosphorescence.
50.	Statement and derivation of Lambert's law.

# Shri Shivaji College of Arts, Commerce and Science Akola.

## Department of Chemistry

B. Sc. II Sem IV

Exam S/2021

### Project Allotment Notice

All the students of B Sc II Sem IV are hereby informed that they should submit the project online on the given link provided on the whats app group allotted from the Project list on or before 31/07/2021.

S. No	Name of Student	Project No
1.	AACHAL RAMAKANT BIHAUT	1
2.	AACHAL SANJAY THAKARE	2
3.	AACHAL SATISH NIKAM	3
4.	AAFIYA ANAM IFTEKHAR AHMAD	4
5.	AAKASH MOHAN HARKUT	5
6.	AAKASH SURESH LANDE	6
7.	AARTI KAILAS TALEKAR	7
8.	AAYESHA FIRDOUS SYED ANSAR	8
9.	ABHISHEK PUNDLIK HISSAL	9
10.	ABHISHEKH GAJANAN JOSHI	10
11.	ACHAL DIWAKAR RAUT	11
12.	ADESH DINESH WANKHADE	12
13.	ADESH KESHAV WANARE	13
14.	ADITI GAJANAN HERODE	14
15.	ADITYA SANJAY KENDALE	15
16.	ADNAN SANI SHAIKH MURSALIN	16
17.	AIMAN AAFREEN ILYAS KHAN .	17
18.	AISHWARYA SUNIL SABLE	18
19.	AKANKSHA SANJAY INGLE	19
20.	AKASH BHANUDAS PAWAR	20
21.	AKASH NARAYAN WAGH	21
22.	AKASH RAJESH BAGADE	22
23.	AKIB PARVEZ MOHAMMED SALEEM .	23
24.	AKSHAY PANDURANG CHANDANKAR	24
25.	AKSHAY SANJAY HAGE	25
26.	ALFIYA JABEEN YUNUS SHAIKH	26
27.	ALFIYA PARVEEN ABDUL KALEEM	27
28.	ALTAMASH RAHIL SHAIKH UMRAO	28
29.	AMBARISH DNYANESHWAR JALMKAR	29
30.	AMISHA VISHNU ADHAGALE	30
31.	AMOL SANJAY DHARME	31
32.	ANAM FIRDOSE JUNAID AAMIR KHAN	32
33.	ANAND PRAKASHRAO DESHMUKH	1
34.	ANISHA HARIBHAU KOLHE	2
35.	ANJALI GAJANAN INGLE	3
36.	ANJALI GULABRAO INGLE	4
37.	ANJALI MOHAN KAKAD	5
38.	ANJALI RAJU RAUT	6
39.	ANJALI RAMESH CHAVHAN	7
40.	ANKIT ARUNRAO DESHMUKH	8
41.	ANKITA GANESH WAGH	9
42.	ANKUSH ANIL METANGE	10
43.	ANKUSH JITENDRA NAGE	11
44.	ANUSHKA VITTHAL PAWAR	12
45.	ANUSHRI MOHAN PAJAI	13
46.	APEKSHA SUDHIRRAO MANKAR	14
47.	ARIBA SHARMEEN AHMED SHAIKH	15
48.	ARSHIYA ANJUM SHAIKH NOOR MOHD.	16
49.	ARSHIYA KHATOON MOHAMMAD ANSAR AHMAD	17
50.	ARTI VILAS INGLE	18

51.	ASHFIYA MUSHARRAF CHAND SHAH	19
52.	ASHMAL ADEEB MOHAMMAD NISAR	20
53.	ASHMIRA TALAT RAHMAT KHAN .	21
54.	ASHWINI SHRIRAM GAWANDE	22
55.	ASHWINI SIDDHARTH MORE	23
56.	ASNYA KAUSAR MOHAMMAD	24
57.	AWAIS KHAN ZAKIR KHAN .	25
58.	AYESHA SIDDIQUA MOHAMMAD ZAKIR	26
59.	AYESHA SIDDIQUA YUNUS ALI	27
60.	AZRA ANJUM SHAIKH SALEEM SHAIKH	28
61.	BHAKTI AJAYRAO DESHMUKH	29
62.	BHAVIN KAILAS LAKHE	30
63.	BHUSHAN VIJAY POTKATARE	31
64.	BRAMHA MADHUKAR UJJAINKAR	32
65.	BUSHRA PARVEEN SHAIKH SALEEM .	1
66.	CHANCHAL PRAMOD PISAT	2
67.	CHANCHAL SANTOSH ZATALE	3
68.	CHANDRASHEKHAR ASHOK PAITHANKAR	4
69.	DEEP PRADIP GAWAI	5
70.	DEVASHREE UDAY DESHMUKH	6
71.	DHANSHRI RAJESH INGLE	7
72.	DIGAMBAR HARIBHAU SOLANKE	8
73.	DIKSHA ANIL MORE	9
74.	DIKSHA MAHADEVRAO THAKARE	10
75.	DIPAK VILAS AMTE	11
76.	DIPALI RAJENDRA MHAISNE	12
77.	DISHA BHIMRAO POHURKAR	13
78.	DISHA GANESH PATODE	14
79.	DIVYA SANJAY MHAISANE	15
80.	DNYANESHWARI SHANKAR SHEGOKAR	16
81.	DNYANESHWARI UDDHAVRAO JANORKAR	17
82.	ESHA SUNIL MESARE	18
83.	FAIZA ANJUM MOHAMMAD AHMAD	19
84.	FARIYA AFREEN QAISARUDDIN	20
85.	FATEMA ZAITOON SHAIKH IZHAR .	21
86.	FATEMA ZOHRA ABDUL HAKEEM	22
87.	GANESH DEVENDRA GAWALI	23
88.	GANESH RAMCHANDRA NARKHEDE	24
89.	GANGADHAR SARJERAO CHAVAN	25
90.	GAURAV ANANTA KAKPSE	26
91.	GAURAV ASHOK GHULE	27
92.	GAURAV GOPAL RATHOD	28
93.	GAURAV NARAYAN` BHADE	29
94.	GAURI ASHISH DATKAR	30
95.	GAURI VINOD INGLE	31
96.	GAYATRI ASHOK PURI	32
97.	GAYATRI MAHADEO GAWANDE	1
98.	GAYATRI PRABHAKAR KAKADE	2
99.	GAYATRI SADASHIV DESHMUKH	3
100.	GOPAL JAYSINGRAO GHUGE	4
101.	HARSHADA SANTOSH WAGH	5
102.	HEENA FIRDOUS SHAIKH AMIR	6
103.	HRUSHIKESH ONKAR RAKHONDE	7
104.	HUMAMA GULZAIB IMTIYAZ AHMAD KHAN	8
105.	HUMERA FATEMA ASIF SALAHUDDIN KHATIB	9
106.	ISHWARI CHANDRASHEKHAR WANKHADE	10
107.	IZRAM FATEMA MUSTUFA KHAN .	11
108.	JANHAVI SHANKAR JANORKAR	12
109.	JANHVI MONOJ RAUT	13
110.	JAYA PRAKASH JAWANJAL	14
111.	JAYESH ANIL LAGAD	15
112.	JAYSHREE SURESH JADHAO	16
113.	JUHI PRAVIN RUIKAR	17
114.	JYOTI HARIDAS DHURDEV	18
115.	KALYANI EKNATH BANCHARE	19

116.	KALYANI SHRIKANT KHANDAGALE	20
117.	KANCHAN DNYANESHWAR	21
118.	KAVISH SANTOSH SADANSHIV	22
119.	KIRAN VASANT MECHKAR	23
120.	KIRTI KESHAV DORLE	24
121.	KOMAL ANIL WAHURWAGH	25
122.	KOMAL DNYANDEO LAD	26
123.	KSHITIJA PRASHANT RODE	27
124.	M DANISH ABDULLAH SHEIKH JAVED AZIZI	28
125.	MADHURI ANIL GHODESWAR	29
126.	MANISH SEVAKRAM INGLE	30
127.	MANISHA KISHAN HIWRALE	31
128.	MANISHA PANJABRAO SARSE	32
129.	MANISHA SHRIKRUSHNA INGLE	1
130.	MANJIRI RAVI KANKAL	2
131.	MANJU SURESH JAMODKAR	3
132.	MANSI RAJANAND MESHARAM	4
133.	MAYA AJABRAO CHAUKE	5
134.	MAYUR ARUN INGLE	6
135.	MAYUR RAMMURTI WALSHINGE	7
136.	MAYUR SURESH INGLE	8
137.	MAYURI YASHWANT GAI	9
138.	MEGHA RAJENDRA OIMBE	10
139.	MEHROSH KAUSAR MOHAMMAD ABRAR	11
140.	MILIND GOVINDRAO TARALE	12
141.	MINAL GAJANAN PAJAI	13
142.	MOHAMMAD Aaftabuddin MOHAMMAD AYAZUDDIN	14
143.	MOHAMMAD AATIF MOHAMMAD SALEEM .	15
144.	MOHAMMAD AWES` MOHAMMAD AHMAD	16
145.	MOHAMMAD MINHAI MOHAMMAD SHAKEEL	17
146.	MOHAMMAD MUDASSIR MOHAMMAD SADIQUE QURESHI	18
147.	MOHAMMAD PARVEZ SHAIKH SHAKEEL	19
148.	MOHAMMAD SAIF AFSAR KHAN	20
149.	MOHANISH VASUDEO RANDIVE	21
150.	MOHINI MOHAN FALKE	22
151.	MOHIT ANILRAO KAPALE	23
152.	MONALI RAJENDRA TAYADE	24
153.	MRUNAL ANIL DHEPE	25
154.	MUBASHSHIRA NAAZ KHALEQUE SHAH .	26
155.	MUKTA SANJAY BHINGARE	27
156.	MUSKAAN ALTAF GAZI	28
157.	MUSKAN SADAF MOHAMMAD IDREES	29
158.	NARESH SHAMRAO KONGE	30
159.	NEHA VINAYAK TAYADE	31
160.	NIKEETA HIMMATRAO MUNDE	32
161.	NIKITA GOPALKRUSHNA FOKMARE	1
162.	NIKITA NAGSEN TOBRE	2
163.	NIKITA PRAKASH SURWADE	3
164.	NILESH MURLIDHAR DHOTRE	4
165.	NIVRUTTI SANJAY AMBADKAR	5
166.	NUTAN MURARI VYAS	6
167.	OM GAJANAN KUSUMBE	7
168.	OM RATNAKAR GAWANDE	8
169.	OM SHRIKRISHNA TALE	9
170.	PALLAVI DATTATRAYA DEVHADE	10
171.	PALLAVI DILIP RAUT	11
172.	PALLAVI GAJANAN AGARKAR	12
173.	PALLAVI TEJRAO DABHADE	13
174.	PALLAVI VINAYAK GAWANDE	14
175.	PANDURANG INDAL JADHAO	15
176.	PARVEZ KHAN ZAFARULLA KHAN	16
177.	PAVAN SANJAY INGLE	17
178.	PAWAN SANTOSH GAWANDE	18

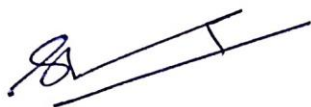
179.	POOJA DADARAO DHONE	19
180.	POOJA PRAMOD DHOTE	20
181.	POOJA RAJENDRA NIL	21
182.	POOJA SANTOSH THAKARE	22
183.	PRAFUL SHRIKRUSHNA SURADKAR	23
184.	PRAGATI GAJANAN GAWANDE	24
185.	PRAJAKTA VILAS NIKOLE	25
186.	PRANAV SANDIP DAHAKE	26
187.	PRANIT SANJAY GIRHE	27
188.	PRANJALI HARIDAS BUTE	28
189.	PRANJALI HEMANT TALANIKAR	29
190.	PRANJALI PANJAB PALASPAGAR	30
191.	PRANJALI VASANTA WANDALE	31
192.	PRASHANT SHRIRAM BACHE	32
193.	PRASHIK MAHADEV MASANE	1
194.	PRATHAMESH SHITALPRASAD	2
195.	PRATHAMESH SUBHASH JAGTALE	3
196.	PRATIK SATISH MESHRAM	4
197.	PRATIK SUNIL CHAMBHARE	5
198.	PRATIKSHA DADARAO BOLE	6
199.	PRATIKSHA HARIDAS KATKAR	7
200.	PRATIKSHA PRAMODRAO WAGHMARE	8
201.	PRATIKSHA SANJAY DESHMUKH	9
202.	PRATIKSHA SHAMRAO AMBHORE	10
203.	PRAYAG SANTOSH FUSE	11
204.	PREM GAJANAN NAGRALE	12
205.	PRERNA VIJAY KAITHWAS	13
206.	PRITI SHIVLAL LASURKAR	14
207.	PRIYA DNYANESHWAR WANKHADE	15
208.	PRIYANKA DEEPAK MEHTA	16
209.	PRIYANKA KESHAVRAO KOLHE	17
210.	PRIYANKA MADHUSUDAN BAHAKAR	18
211.	PRIYANKA PRAVIN TATHOD	19
212.	PRIYANKA SANJAY CHAUDHARI	20
213.	PRIYANKA SANTOSH MAHALLE	21
214.	PRIYANKA UKARDA PUNDE	22
215.	PUJA SURESH TAROLE	23
216.	PUNAM NATHA WADHAVE	24
217.	QARIYA SAHER ALTAF KHAN .	25
218.	QUANETA ANAM ASIF KHAN	26
219.	QUDSIYA ZAM ZAM MOHAMMAD SADIQR REHMAN ,	27
220.	RADHIKA RAJESH DESHMUKH	28
221.	RAHI GAJANAN MURKUTE	29
222.	RAHUL RAJESH PACHARE	30
223.	RAJSHRI SANTOSH INGOLE	31
224.	RAJSHRI SUBHASH INGALE	32
225.	RAKHI UTTAMRAO KOLHE	1
226.	RANCHIKA NAMDEO GAJBHIYE	2
227.	RANI KIRAN BHATKAR	3
228.	RANI RAM KUSHWAHA	4
229.	RANI YOGESH HUMANE	5
230.	REENA SUNIL SHIRSAT	6
231.	RENUKA VIKRAM CHANAP	7
232.	RISHAB JAYPRAKASH SHARMA	8
233.	RITWIKE DATTATRAYA BAGDE	9
234.	ROHAN NANDKISHOR MATRE	10
235.	ROHAN SANTOSH AVADHUT	11
236.	ROHIT RAJ MAHALLE	12
237.	ROSHAN VASANT TAYDE	13
238.	ROSHANI PUNDLIK GHAYAL	14
239.	RUSHIKESH GAJANAN TALE	15
240.	RUSHIKESH RAJU SAVALE	16
241.	RUSHIKESH RATAN HANDE	17
242.	RUSHIKESH VIKAS SHIRSAT	18

243.	RUTIK GOPALRAO DESHMUKH	19
244.	RUTUJA MAHENDRA DAMODAR	20
245.	RUTUJA PRALHAD GOTMARE	21
246.	RUTUJA SURESH BOCHARE	22
247.	RUTUJA VINAY HALWANE	23
248.	RUTVIJ RAMDHAN TELGOTE	24
249.	SABIR ALI KHAN SHAKIR ALI KHAN PATHAN	25
250.	SACHIN ALANKAR DHOLE	26
251.	SACHIN GULABRAO KOKARE	27
252.	SAFIYA FIRDOUS MIRZA AZIMULLAH BAIG .	28
253.	SAKSHI DEEPAK CHAWARE	29
254.	SAKSHI DHANANJAY GAWANDE	30
255.	SAKSHI PRABHAKAR CHAUDHARI	31
256.	SAKSHI PRALHAD DHAYE	32
257.	SAKSHI PRAMOD YEROKAR	1
258.	SAKSHI RATAN KIRATKAR	2
259.	SAKSHI RAVINDRA METKAR	3
260.	SAKSHI SANJAY KHARATE	4
261.	SAKSHI SHIVSHANKAR WANKHADE	5
262.	SAKSHI SHRIKRUSHNA AMBUSKAR	6
263.	SAKSHI VIJAY THAKARE	7
264.	SAKSHI VILAS JANGALE	8
265.	SAKSHI VINAYAK CHOPADE	9
266.	SAMIKSHA GAJANAN WAGHMARE	10
267.	SAMIKSHA MILIND MENDHE	11
268.	SAMIKSHA RAJESH CHILWANT	12
269.	SANA KAUSAR MOHD SIDIQUE	13
270.	SANGITA PAPPURAMAJI BISHNOI	14
271.	SANIKA SHRIKRUSHNA LANDE	15
272.	SANIYA FIRDOUS SHAIKH AFSAR HUSAIN	16
273.	SANIYA SADAF FIROZ KHAN	17
274.	SANJANA DIPAK GOPANARAYAN	18
275.	SANJAY KASHIRAM MORE	19
276.	SANKALP SADANAND VYAWAHARE	20
277.	SANKET SUBHASH GUDADE	21
278.	SANSKRUTI SANJAY SAWLEKAR	22
279.	SATISH ARUN SIRSAT	23
280.	SATYAM SHANKAR AMBUSKAR	24
281.	SAURABH BHASKAR GAHULE	25
282.	SAYALI RAJESH NIMBOKAR	26
283.	SAYLEE RAJESH MUNDE	27
284.	SAYYEDA NIKHAT ANJUM SAYYED IKRAMUDDIN	28
285.	SEBAK NITYANAND SAMAL	29
286.	SHAHANA ANJUM MOHD. IKHLAS	30
287.	SHAHZAD PARVEZ ABDUL AIJAZ ABDUL	31
288.	SHAIKH DANISH SHAIKH RAZZIQUE	32
289.	SHAIKH FAIYAZ ABDUL AZIZ	1
290.	SHAIKH FAROOQUE SHAIKH MUKTHAR	2
291.	SHAIKH SANA SAMIYA MOHD	3
292.	SHAIKH SHOEB ABDUL KADEER	4
293.	SHAMEELA NOMANI ABDUL RAHEEM	5
294.	SHANTANU DINESH TATHOD	6
295.	SHANTANU PURUSHOTTAM SHINDE	7
296.	SHARJEEL ANAS AHMED HASAN	8
297.	SHITAL NAGORAO INGLE	9
298.	SHIZRA BAHISHT ISLAMUDDIN SK.	10
299.	SHRADDHA DINKAR KHANDARE	11
300.	SHREYASH SANTOSH BRAMAHANKAR	12
301.	SHREYASH SHARAD SHINGOKAR	13
302.	SHRIKANT SURENDRA TULASKAR	14
303.	SHRINIVAS BALIRAM WAKLE	15
304.	SHRUTI SANJAY KHIRADE	16
305.	SHRUTIKA SUNIL DESHMUKH	17
306.	SHUBHAM DEVRAO BODADE	18
307.	SHUBHAM GAJANAN CHAVAN	19



308.	SHUBHAM HARIDAS MALVE	20
309.	SHUBHANGI DILIP BHOSLE	21
310.	SHVETA SHRAVAN KAWALE	22
311.	SHWEATARK PANKAJ PANDEY	23
312.	SHWETA GUNVANT REKHATE	24
313.	SK MUKEEM SK NAEEM QURASHI	25
314.	SNEHAL SANTOSH DABERAO	26
315.	SUDHIR GAJANAN LIHANKAR	27
316.	SUJATA RAHUL DHADSE	28
317.	SUKANYA RAMNARESH YADAV	29
318.	SUMIT LAHU KUTE	30
319.	SUPRIYA SUNIL SHIVARKAR	31
320.	Suraj Ramrao Wankhde	32
321.	SURAJ SANTOSH NIKHADE	1
322.	SUSHIL GAJANAN PAKDUNE	2
323.	SWANAND VASANTRAO NAKAT	3
324.	SYED FAIZAN SYED RAHEEM	4
325.	SYED FARMANUDDIN SYED HIMAYUDDIN	5
326.	SYED NABEEL ANAS SYED GHAN	6
327.	TANAY SUDHAKAR WASNIK	7
328.	TANVEERSING DARSHANSING ROHEL	8
329.	TANVI VINOD HENDAJKAR	9
330.	TAUSIF IRFAN KHAN	10
331.	TOHID RAJU GOR	11
332.	TUSHAR ARUN AWACHAR	12
333.	UMA SOMNATH SURALKAR	13
334.	VAIBHAV GAJANAN BOCHARE	14
335.	VAIBHAV GAJANAN GADGE	15
336.	VAIBHAV SHANKAR BURANGE	16
337.	VAIBHAV UKARDA WANKHADE	17
338.	VAIDEHI KISHOR CHATURKAR	18
339.	VAISHALI VIJAY UGALE	19
340.	VAISHALI VINOD WANKHADE	20
341.	VAISHNAVI BHUVAL YADAV	21
342.	VAISHNAVI DNYANESHWAR MEHERE	22
343.	VAISHNAVI GAJANAN KHALPE	23
344.	VAISHNAVI GAJANAN SAVANKAR	24
345.	VAISHNAVI GOPAL HANPUDE	25
346.	VAISHNAVI JAGADISH YENKAR	26
347.	VAISHNAVI NANDKISHOR KANGATE	27
348.	VAISHNAVI NARENDRA KAWALE	28
349.	VAISHNAVI NIRANJAN MUKUNDE	29
350.	VAISHNAVI PRADIP SARODE	30
351.	VAISHNAVI RADHESHYAM KALAMKAR	31
352.	VAISHNAVI RAJESH DESHMUKH	32
353.	VAISHNAVI RAJU GADHAVE	1
354.	VAISHNAVI RANGRAO ASEKAR	2
355.	VAISHNAVI SANJAY RANE	3
356.	VAISHNAVI SATISHRAO CHATAR	4
357.	VAISHNAVI SHANTARAM GAWANDE	5
358.	VAISHNAVI SUDHAKAR UNHONE	6
359.	VAISHNAVI SUNIL GADGE	7
360.	VAISHNAVI SURESH DEWAR	8
361.	VAISHNAVI SURESH RAUT	9
362.	VAISHNAVI VASUDEO KAKAD	10
363.	VAISHNAVI VIJAY KARASKAR	11
364.	VAISHNAVI VISHWANATH SUTWANE	12
365.	VARSHA BANDU KOKANE	13
366.	VEDANT SANJAY PRANJALE	14
367.	VIJAYSING BHAGWAT CHAVHAN	15
368.	VINAY KISHOR KHARCHE	16
369.	VINAYAK INDAL RATHOD	17
370.	VINITA PRAKASH WAKODE	18
371.	VIPUL RAJKUMAR GAWANDE	19
372.	VISHAL YUVRAJ TAYADE	20

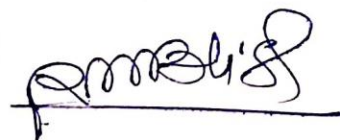
373.	VISHNU MADHUKAR UJJAINKAR	21
374.	VIVEK GANESH ZAGADE	22
375.	WAJAHAT SALEEM PARVEZ	23
376.	WAJEEHA TASNEEM SHAIKH ANEES	24
377.	YASH ARUN WANKHADE	25
378.	YASH GAJANAN MILKE	26
379.	YASHASVINI SAMEERSINGH PARMAR	27
380.	YOGESHWARI VISHRANT TAYADE	28
381.	YOGITA EKNATH GAWALI	29
382.	ZAID IMRAN AHMED	30



Teacher In-Charge



Head  
Department of Chemistry  
Shri Shivaji College of Arts,  
Commerce & Science, AKOI



Principal

SHRI SHIVAJI COLLEGE OF ARTS COMMERCE AND SCIENCE, AKOLA.  
DEPARTMENT OF CHEMISTRY  
**PROJECT FOR B.Sc. II YEAR 4S-CHEMISTRY**

Sr. No.	Name of Project
01	Definition of transition elements. General characteristics of transition elements. Comparative study of first transition series elements (3d) with reference to following properties: (i) Electronic configuration (ii) Atomic and ionic size, (iii) Magnetic properties
02	Definition of transition elements. General characteristics of transition elements. Comparative study of first transition series elements (3d) with reference to following properties: (i) Ionization energy (ii) Metallic nature (iii) Oxidation states
03	Definition of transition elements. General characteristics of transition elements. Comparative study of first transition series elements (3d) with reference to following properties: (i) Color of salts (ii) Catalytic properties (iii) Complex formation behaviour.
04	Study of 4d and 5d series elements-Electronic configuration.
05	Comparison of 3d series elements with 4d and 5d series elements with respect to size, oxidation states, magnetic properties and color.
06	Principles involved in extraction of elements. Major methods of extraction of elements
07	Factors affecting choice of extraction method. Thermodynamics of reduction processes-Ellingham diagrams for oxides and importance of this diagram (only preliminary ideas)
08	Definition, Lanthanides and Actinides. Comparative study of Lanthanides with respect to following properties: (i) Electronic configuration (ii) Atomic and ionic radii lanthanide contraction definition, cause and effect of lanthanide contraction
09	Definition, Lanthanides and Actinides. Comparative study of Lanthanides with respect to following properties: (i) Oxidation states (ii) Magnetic properties
10	Definition, Lanthanides and Actinides. Comparative study of Lanthanides with respect to following properties: (i) Colour of salts (ii) Complex formation behaviour.
11	Occurrence of lanthanides. Isolation of lanthanides by ion exchange method
12	Actinides- Electronic configuration and oxidation states. Comparison of lanthanides and actinides. [
13	Definition of metallurgy, steps in metallurgy. Ore dressing by gravity separation, froth floatation and electromagnetic separation
14	Calcinations, roasting, smelting and refining of metals. Meaning of terms hydrometallurgy and pyrometallurgy
15	Naphthalene - Haworth synthesis, orbital picture, Reactions – electrophilic substitution (orientation) Preparation of naphthols from naphthalene sulphonic acids and naphthylamines from naphthols
16	Malonic Ester: Synthesis from acetic acid, Synthetic applications- Synthesis of acetic acid, succinic acid, glutaric acid, crotonic acid and malonyl urea
17	Acetoacetic ester: Synthesis from ethyl acetate, Synthetic applications- Synthesis of acetic acid, propionic acid, isobutyric acid, succinic acid, glutaric acid, crotonic acid, acetyl acetone and 4-methyl uracil.
18	Constitution of glucose, cyclic structure, Pyranose and Furanose structure, Epimerization, conversion of glucose to fructose and vice-versa,
19	Introduction to fructose, ribose, 2- deoxyribose, maltose, sucrose. (their structures only determination not needed).

20	Nitrobenzene: Synthesis from benzene, Reduction of nitrobenzene in acidic, neutral and alkaline medium.
21	Basicity and effect of substituents. Methods of preparation of aniline from nitrobenzene, Reactions: with acetyl and benzoyl chlorides, Br <sub>2</sub> (aq) and Br <sub>2</sub> (CS <sub>2</sub> ) Carbylamine reaction, alkylation, Hoffmann's exhaustive methylation and its mechanism.
22	Preparation benzene diazonium chloride, Synthetic applications- Preparation of benzene, phenol, halobenzene, nitrobenzene, benzonitrile, coupling with phenol and aniline
23	Classification, Strecker and Gabriel phthalimide synthesis, Zwitterion structure, Isoelectric point, peptide synthesis, Structure determination of polypeptides by end group analysis.
24	Definition and examples of colligative properties. Elevation of boiling point, thermodynamic derivation of the relationship between elevation of boiling point and molar mass of a non-volatile solute
25	Cottrell's method for determination of elevation of boiling point. (iii) Depression of freezing point, thermodynamic derivation of the relationship between depression of freezing point and molar mass of a non-volatile solute. Rast's method for determination of depression of freezing point
26	Abnormal behavior of solution. Van't Hoff's factor 'i'. Determination of degree of association and dissociation from Van't Hoff's factor
27	Symmetry in crystal, plane of symmetry, axis of symmetry and point of symmetry. Law of constancy of interfacial angles.
28	Elements of symmetry in cubic crystals. Laws of symmetry. Law of rational indices, Weiss and Miller indices of a lattice planes, calculation of interplaner distance $d(h,k,l)$ from Miller indices in a cubic system.
29	Seven crystal systems and fourteen Bravais lattices, Bravais lattices of cubic system
30	Simple cubic system (S.C.C.), body centered cubic system (B.C.C.) and face centered cubic system (F.C.C.)
31	Calculation of number of constituent units in S.C.C., B.C.C. and F.C.C. Ratio of interplaner distances for 100, 110 and 111 lattice plane in S.C.C., B.C.C. and F.C.C. (No geometrical derivation).
32	Derivation of Bragg's equation for X-ray diffraction, Bragg's X-ray spectrometer method for the determination of crystal structure of NaCl and KCl. Anomalous behaviour of KCl towards X-ray

# Shri Shivaji College of Arts, Commerce and Science Akola.

## Department of Chemistry

B. Sc. III Sem VI

Exam S/2021

### Project Allotment Notice

All the students of B Sc III Sem VI are hereby informed that they should submit the project online on the given link provided on the whats app group allotted from the Project list on or before the 31/07/2021.

S. No	Name of Student	Project No
1.	Abdul Wahab Abdul Samad	1
2.	Abhishek Purushottam Raipure	2
3.	Afreen Naaz Abdul Rauf	3
4.	Ajitsingh Shivilalsingh Rajput	4
5.	Asmita Oimbe	5
6.	Atufa Tasneem Khan Anis Khan	6
7.	Barira Aiman Mufti Mohammad Ashfaque Qasmi	7
8.	Bharati Vasanta Tatar.	8
9.	Chetan Gajanan Kathole	9
10.	Dinesh Shamrao Khopade	10
11.	Dipali Gopal Ghangaon	11
12.	Dipti Kamalakar Nemade	12
13.	Hema Ramu Bhongade	13
14.	Janhavi Dinesh Thakare	14
15.	Jaya Santosh Ghonge	15
16.	Kanchan Ashok Borse	16
17.	Karan Arjun Pawar	17
18.	Krushna Rajesh Thakare	18
19.	Mohd Aadiluddin Mohd Wasimuddin	19
20.	Nikhil Pramod Mhaske	20
21.	Nikita Sunil Atkad	21
22.	Nikita Vijay Yenkar	22
23.	Pooja Anant Khadse	23
24.	Pragati Raju Raut	24
25.	Prajakta Manohar Bhade	25
26.	Pranay Vilas Arbat	26
27.	Rajnandini Umesh Damodar	27
28.	Sahil Nandkishor Boche	28
29.	Saket Hitesh Bagtharia	29
30.	Saleha Nasreen Abdur Rehman	30
31.	Shital Purushottam Pandav	31
32.	Shreya Ashok Bhute	32
33.	Shubham Premkumar Sanap	33
34.	Shubham Sunil Ghorade	34
35.	Siddhi Vijay Andhare	35
36.	Soni Bhgawan Madankar	1
37.	Syeda Sana Syed Sajid	2
38.	Tejal Narendra Sangole	3
39.	Urmila Sanjay Patankar	4
40.	Vaishnavi Dnyaneshwar Adhau	5
41.	Vaishnavi Mahadeo Bahadurkar	6
42.	Vijaya Pralhad Damdhar	7
43.	Abhishek Madhavrao Bharsakle	8
44.	Abhishek Panjabarao Gawande	9
45.	Ajinkya Prakash Nimkande	10
46.	Akash Maroti Akhare	11
47.	Ashish Prashant Palhade	12
48.	Ashwini Ganesh Choudhary	13
49.	Ashwini Vasanttrao Deshmukh	14

50.	Gauri Shivajirao Bhamburkar	15
51.	Gayatri Raosaheb Thakare	16
52.	Ghanshyam Santosh Chandurkar	17
53.	Hariom Rameshwar Shingne	18
54.	Kalyani Nitin Deshmukh	19
55.	Komal Subhash Sarsar	20
56.	Amarika Bhalchandra Mule	21
57.	Neha Sanjay Aaseri	22
58.	Sakshi Dipak Dewar	23
59.	Vaishnavi Umesh Kale	24
60.	Manoj Dnyaneshwar Lokhande	25
61.	Mayur Dashrath Gawade	26
62.	Mohammad Aadil Shaikh Alauddin	27
63.	Neha Manoj Ingle	28
64.	Pranali Ganeshrao Ronghe	29
65.	Pratik Gajanan Bhagat	30
66.	Pratiksha Prabhakar Datey	31
67.	Rushikesh Ravindra Sarode	32
68.	Rushikesh Ravindra Shegokar	33
69.	Sameer Ravindra Shimpi	34
70.	Samruddhi Dhananjay Payas	35
71.	Shiva Nandlal Bramhane	1
72.	Shivani Vilas Ingle	2
73.	Swaraj Rajendra Jangade	3
74.	Ulhas Bhaktapralhad Bhakare	4
75.	Vaibhav Govinda Kogde	5
76.	Vaibhav Sahebrao Dhangar	6
77.	Vidnypti Bharat Paravatkar	7
78.	Vrushali Atmaram Ambadkar	8
79.	Yash Ramesh Sapdhare	9
80.	Aman Ishwar Borkar	10
81.	Chetan Trilokchand Pagariya	11
82.	Dipali Dilip Barad	12
83.	Dnyaneshwar Devman Dhore	13
84.	Falak Haroon Rangrej	14
85.	Gauri Gajanan Gond	15
86.	Jaydev Ramesh Chavan	16
87.	Kajal Dayaram Surwade	17
88.	Komal Gajanan Zagade	18
89.	Krutika Sanjay Waghmare	19
90.	Lakhan Parsharam Padwal	20
91.	Prajakta Pramod Kalmegh	21
92.	Rupesh Pathrikar	22
93.	Sankalp Gajghate	23
94.	Sanskruiti Angatrao Bajare	24
95.	Sayali Maroti Diwnale	25
96.	Shailesh Dhanraj Umale	26
97.	Surbhi Santoshrao Deshmukh	27
98.	Syed Omar Waqas Syed Zahir	28
99.	Tushar Anil Giri	29
100.	Umesh Arun Dabre	30
101.	Utkarsh Anil Pachpor	31
102.	Ku Vaishnavi Ramdas Kalane	32
103.	Vaishnavi Vishwanath Pophale	33
104.	Vedika Nitin Warankar	34
105.	Vijay Nandkishor Dod	35
106.	Vijay Suresh Gawande	1
107.	Yogeshwari Santosh Dhokne	2
108.	Zainab Murtuza Patta	3
109.	Aafreen Saba Ziaulla Khan	4
110.	Abhishek Ashok Dewar	5
111.	Akshay Devidas Ghogare	6

112.	Amit Haridas Dandale	7
113.	Apurva Narendra Khadse	8
114.	Ashwini Anil Parakale	9
115.	Ashwini Mohan Bharane	10
116.	Avinash Nagorao Khanderao	11
117.	Bilal Ahmed Khan Ayaz Ahmed Khan	12
118.	Dipali Dhananjay Sonone	13
119.	Farhat Anjum Abdul Sadique	14
120.	Ganesh Ananta Gawande	15
121.	Gaurav Bhanudas Gawai	16
122.	Gaurav Dharmnath Vijaykar	17
123.	Isha Shankar Janorkar	18
124.	Kaleem Ullah Khan Ziya Ullah Khan	19
125.	Kiran Munnalal Thakare	20
126.	Masarrat Fatema Mohd Kamal Siddiqui	21
127.	Mohammad Shahbaz Mohammad Shafique	22
128.	Munazza Ahsanat Mohammad Abrar	23
129.	Nahid.... Anjum Shaikh Rauf	24
130.	Nida Anam Rafiullah Khan	25
131.	Nikhil Gajanan Sonone	26
132.	Nikita Purushottam Awchar.	27
133.	Nusrat Bano Mohammad Farooque	28
134.	Pratik Rajesh Oimbe	29
135.	Rishikesh Anil Gaware	30
136.	Rohit Avinash Kharat	31
137.	Rukhsar Anjum Shaikh Wajid	32
138.	Sanket Ajabrao Gawarguru	33
139.	Shoeb Ahmad Khan	34
140.	Shradhha Vijay Pakhale	35
141.	Shubham Ukharda Wankhade	1
142.	Taskeen Saba Syed Mohsin	2
143.	Vivek Manikrao Shelke	3
144.	Aachal Nandkishor Shegokar	4
145.	Abhijeet Vitthal Dhage	5
146.	Adesh Sudhakar Ingle	6
147.	Akash Shrikrushana Bochare	7
148.	Faranabi Shekh Salim	8
149.	Kanchan Deogan Ingle	9
150.	Divya Girdhari Dabre	10
151.	Pratiksha Gopal Paraskar	11
152.	Mangalagauri Parmeshwar Pakhare	12
153.	Nakul. Rameshwar. Chopde.	13
154.	Namrata Rajendra Hiwarkar	14
155.	Nandini Pramod Deshmukh	15
156.	Nikita Arjun Damdhar	16
157.	Om Rameshwar Tale	17
158.	Palak Rajendra Varma	18
159.	Pragati Santosh Dhole	19
160.	Prajakta Ravindra Gole	20
161.	Pratik Sunil Sargar	21
162.	Pratiksha Ganesh Kale	22
163.	Pratiksha Mahadev Dhait	23
164.	Priti Rameshwar Thakare	24
165.	Priyanka Dilip Tathe	25
166.	Punam Rajesh Dhawale	26
167.	Rishabh Shyamlal Kanojiya	27
168.	Ritesh Lndrabhan Sangokar	28
169.	Rohitkumar Ramesh Shegokar	29
170.	Rupali Pandurang Hardas	30
171.	Sakshi Vilas Dhande	31
172.	Sakshi Vinod Pathrikar	32
173.	Ku. Shreya Sanjay Giri	33

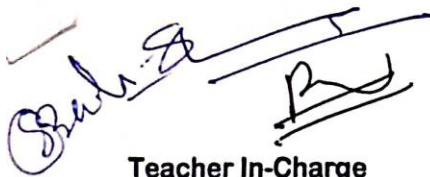


174.	Shubham Dnyaneshwar Solanke	34
175.	Shyam Rajendra Pagrut	35
176.	Vaishali Chandrashekar Dhanbhar	1
177.	Vaishali Onkar Dangre	2
178.	Vaishnavi Anil Jadhav	3
179.	Vaishnavi Purnaji Kakde	4
180.	Vaishnavi Sanjay Pimpalkar	5
181.	Varsha Dashrath Bodkhe .	6
182.	Ku Yogita Vasanta Narkhede	7
183.	Yuvraj Arun Rane	8
184.	Aasiya Parveen Shaikh Anjum	9
185.	Abhijeet Rajendra Sardar	10
186.	Abhishek Ashok Shirale	11
187.	Aditya Ganesh Ghate	12
188.	Aeras Tabassum Ghulam Farooque	13
189.	Afiya Shaikh Mujib	14
190.	Akshay Baban Jadhav	15
191.	Ammad Lodhi Ejaz Khan Lodhi	16
192.	Aniket Gopal Gaygol	17
193.	Ku. Anjali Bharat Tadse	18
194.	Ankita Gajanan Nawalkar	19
195.	Arati Gajanan Lahudkar	20
196.	Arshiya Anjum Mohammad Masi Uddin	21
197.	Asma Parveen Zaheer Khan	22
198.	Atif Iqbal Mohammad Ateeque Ur Rehman	23
199.	Avinash Ramchandra Natekar	24
200.	Ayesha Mohammad Anis Kasmani	25
201.	Bi Bi Khudeja Aarif Khan	26
202.	Deepika Shivhari Khanzode	27
203.	Dipa Rajendra Thakare	28
204.	Faizan Khan Yusuf Khan.	29
205.	Farah Firdous Gulam Farooque	30
206.	Hafsa Saman Abdul Wajid	31
207.	Hariya Firdos Mohammad Fayaz	32
208.	Humaira Firdous Abdul Hadi	33
209.	Idris Khan Jalil Khan	34
210.	Ifrah Shadan Mohammad Azhar	35
211.	Jaweriya Sadaf Yunus Shah	1
212.	Jayesh Arun Janjal	2
213.	Jayesh Sanjay Ingle	3
214.	Kajal Gajananan Ramekar	4
215.	Kanchan Santosh Dhanbhar	5
216.	Maleha Tashmeer Javed Khan	6
217.	Pallavi Kashinath Sadar	7
218.	Ruchita Sunil Phale	8
219.	Swati Bhaurao Rathod	9
220.	Tejaswini Prakash Bhople	10
221.	Leeza Tasneem Mohammad Irfan Patel	11
222.	Madeeha Kausar Abdul Qayyum	12
223.	Madiha Urooj Mohammad Ibrahim	13
224.	Mahesh Gajanan Suryawanshi	14
225.	Mahima Diwakar Sirsat	15
226.	Masarrat Jahan.Mohammad Kashif	16
227.	Maseera Afif Mirza Anees Baig	17
228.	Masira Fatema Intesar Hasan Qureshi	18
229.	Mehreen Saleha Mohammad Zakir	19
230.	Mehwash Fatema Mohammad Zakir	20
231.	Mohammad Kaif Mohammad Javed	21
232.	Mohammad Saheb Shaikh Aalam	22
233.	Mohammad Sahil Mohammad Shafi	23
234.	Mohit Ramrao Gaikwad	24
235.	Moin Faiz Abdul Anis	25
236.	Monali Sanjay Bhakare	26


237.	Nameera Saman Shams Ul Haque	27
238.	Namira Firdous Waheed Ur Rehman	28
239.	Narendra Vishwanath Sonone	29
240.	Neha Santosh Padmane	30
241.	Nida Fatema Ibrahim Khan	31
242.	Nida Parveen Naiyyar Aziz Khan	32
243.	Nikhil Murlidhar Bhatkar	33
244.	Nikita Umesh Damodar	34
245.	Numan Khan Yunus Khan	35
246.	Omprakash Rajesh Deshmukh	1
247.	Prachi Dayaram Jadhao	2
248.	Pragati Sunil Tikar	3
249.	Pranav Ramesh Tivhane	4
250.	Radha Kishor Dhumale	5
251.	Rajshree Rajesh Mishra	6
252.	Rohini Dharmaraj Nandagawali	7
253.	Rushikesh Ganesh Ghuge	8
254.	Rushikesh Rajesh Kapate	9
255.	Saba Sarvat Sk Aarif	10
256.	Saleha Tabassum Mohammad Asif Qureshi	11
257.	Saniya Syed Salim	12
258.	Saurabh Ganesh Waghode	13
259.	Sayyed Awes Sayyed Hasan	14
260.	Shantanu Bharat Patil	15
261.	Shireen Mahjabeen Zakir Ullah Khan	16
262.	Ku. Shivani Ramrao Waghmare	17
263.	Shoeb Raja Deshmukh	18
264.	Shraddha Gopinath Devkar	19
265.	Shri Jagdish Wankhade	20
266.	Shubham Gajanan Aglave	21
267.	Shubhangi Sanjay Khedkar	22
268.	Shumaila Aafreen Nusrat Ullah Khan	23
269.	Sneha Ravi Pagrut	24
270.	Sonali Vinod Gawai	25
271.	Subhash Murlidhar Nage	26
272.	Sumayya Bano Abdul Waheed	27
273.	Sunil Shriram Maighane	28
274.	Swapnil Sunil Thorat	29
275.	Taskeen Fatema Rizwan Khan	30
276.	Ku Ujjawala Bhikaji Meshram	31
277.	Vaishnavi Prakash Ade	32
278.	Vaishnavi Ravindra Mali	33
279.	Vaishnavi Sahadeo Hivarkhede	34
280.	Vaishnavi Sopan Dhole	35
281.	Varsha Kailas Shinde	1
282.	Vijay Bhagwat More	2
283.	Vrushali Rajesh Murumkar	3
284.	Yashraj Devendrasingh Thakur	4
285.	Yogesh Balu Dahatonde	5
286.	Achal Sanjay Gawande	6
287.	Afeera Fatema Akbar Ali Khan	7
288.	Akash Suresh Nirmal	8
289.	Akshata Anandrao Fatkar	9
290.	Ankita Prabhakar Waghmare	10
291.	Ankush Gajanan Wasatkar	11
292.	Arati Sadashiv Karanjkar	12
293.	Arbaz Khan Ayaz Khan	13
294.	Ashwini Mahadeo Telgote	14
295.	Ashwini Ravindra Waghmare	15
296.	Asma Ammara Riyaz Khan	16
297.	Diksha Anna Sirsat	17
298.	Dipali Vishwanath Raut	18
299.	Ganesh Chandrashekhar Sahastrabuddhe	19

300.	Gaurav Madhukar Bhave	20
301.	Gayatri Dinkar Thakare	21
302.	Himani Gajanan Pande	22
303.	Hina Firdous Mohammad Mubeen	23
304.	Hrushikesh Chandrabhan More	24
305.	Kanchan Bhaskar Khole	25
306.	Kapil Chintaman Khillare	26
307.	Kashmira Vijay Pachpor	27
308.	Kiran Ganesh Sirsat	28
309.	Komal Bhashkar Khole	29
310.	Komal Shankar Bhagat	30
311.	Aarti Mohan Kakad	31
312.	Mahesh Nilesh Gawande	32
313.	Mariya Fatema Javed Parvez Khan	33
314.	Mayur Gajanan Bagale	34
315.	Mohammad Tausif Mohammad Haseeb	35
316.	Monika Jagdish Tathod	1
317.	Nikhil Shrirang Ingale	2
318.	Priti Nivrutti Khond	3
319.	Priya Avinash Ingle	4
320.	Qazi Merajuddin Qazi Faheemuddin	5
321.	Rajas Shashikant Sonone	6
322.	Rani Bhikaji Bodakhe	7
323.	Rushikesh M Bajare	8
324.	Rutuja Manohar Rodge	9
325.	Saima Parveen Abdul Sabir	10
326.	Sakshi Krushnarao Deshmukh	11
327.	Sapna Vinayak Chavhan	12
328.	Saurav Najukarao Bunde	13
329.	Sayyeda Fatema Syed Mumtaz Uddin	14
330.	Sharada Murlidhar Bathe	15
331.	Shital Manoj Khandare	16
332.	Shivani Sanjay Shelke	17
333.	Shrihari Ramkrishna Tapre	18
334.	Shrikant Prakash Wadkar	19
335.	Shubham Arun Makode	20
336.	Shweta Raju Sonawane	21
337.	Siddhant Sanjay Khutafale	22
338.	Snehal Madhukarrao Dhule	23
339.	Tahreem Anam Nasir Ullah Khan	24
340.	Uzma Kausar Mohammad Yunus	25
341.	Vaishnavi Pramod Badarkhe	26
342.	Vaishali Purushottam Bhojane	27
343.	Vaishanvi Ashok Chopde	28
344.	Vaishnavi Balkrushna Kale	29
345.	Vaishnavi Pradip Gawande	30
346.	Vaishnavi Santosh Gawande	31
347.	Vaishnavi Satish Upadhye	32
348.	Vipul Akaram Rathod	33
349.	Vishakha Vinayak Telgote	34
350.	Vishal Surendra Rahate	35
351.	Jayashri Vijaypant Gurmale	1
352.	Aishwarya Mahendra Jain	2
353.	Aishwarya Santosh Mhaisne	3
354.	Aliya Iram Asif Khan	4
355.	Aniket Ninaji Damre	5
356.	Ku. Anjali Kailas Bhonge	6
357.	Ankit Dnyandeo Murhe	7
358.	Arpit Ramdas Lonagre	8
359.	Diksha Vikas Dhenge	9
360.	Ishwari Prashant Chaudhari	10
361.	Jaykumar Gajanan Pandav	11
362.	Madiha Mahwash Shaikh Mubeen	12

363.	Minal Hemant Jain	13
364.	Nikhil Santosh Damodar	14
365.	Priti Santosh Bansod	15
366.	Rushikesh Purushottam Avchar	16
367.	Saurabh Ashokrao Pundkar	17
368.	Saurabh Kishor Pandav	18
369.	Shubham Dnyandeo Mehankar	19
370.	Shubham Gajanan Late	20
371.	Shweta Shantaram Mahore	21
372.	Suraiyya Yusuf Parsuwale	22
373.	Vedant Ramkrushna Shejole	23
374.	Yashika Manoj Tiwari	24
375.	Aakanksha Manoj Sonone	25
376.	Abhishek Ramarao Waghmare	26
377.	Aniket Rajendra Bodhade	27
378.	Darshan Kishor Sonone	28
379.	Dipti Dilip Gogate	29
380.	Heeba Iram Irshadullah Khan	30
381.	Hrishikesh Ashok Thakare	31
382.	Hrushikesh Vishnu Kachkure	32
383.	Kalyani Anand Nage	33
384.	Kalyani Santosh Pawade	34
385.	Kanchan Ashok Yevle	35
386.	Komal Nagorao Waghmare	1
387.	Dnyaneshwari Pradip Avhale	2
388.	Monika Dnyaneshwar Jadhao	3
389.	Mukta Sanjay Vikhe	4
390.	Narayan Arun Shelke	5
391.	Neha Niranjana Mohod	6
392.	Om Nandkiahora Budaikar	7
393.	Pallavi Jaysinh Thakur	8
394.	Pradnya Pravin Dongre	9
395.	Pradnya Vijay Dongre	10
396.	Pragati Dnyaneshwar Darekar	11
397.	Prasad Santosh Wakode	12
398.	Pratiksha Sanjay Sontakke	13
399.	Ku.Revati Wamanrao Lokhande	14
400.	Rushikesh Ghanshyam Dandale	15
401.	Sakshi Vitthal Dhote	16
402.	Sana Sadaf .Shaikh Zameer	17
403.	Ku.Sapna Raju Wankhade	18
404.	Shaikh Faizan Abdul Aziz	19
405.	Shital Dhanraj Lute	20
406.	Shital Gajanan Dhule	21
407.	Shivam Madhukar Patharkar	22
408.	Shivani Diwakar Gawai	23
409.	Shivani Shrikrushna Nimbolkar	24
410.	Shraddha Sudhir Kathoke	25
411.	Shraddha Suresh Mankar	26
412.	Sudhir Anant Sarate	27
413.	Sujata Rahul Raibole	28
414.	Sumera Afreen Mohammad Rafi	29
415.	Usama Ahmad Khan Mashkur Khan	30
416.	Vaishali Jivan Bunde	31
417.	Vaishnavi Gajanan Anasane	32
418.	Vaishnavi Gajanan Lod	33
419.	Vaishnavi Manish Gawande	34

  
Teacher In-Charge

  
HEAD  
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PRINCIPAL  
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AGRADE C.GPA.3.24, BY NAAC

**SHRI SHIVAJI COLLEGE OF ARTS, COMMERCE & SCIENCE, AKOLA**

**DEPARTMENT OF CHEMISTRY**

Assignment Questions B Sc III (SEMESTER VI)

1. Discuss the factors affecting stability of complexes.
2. Explain the effect of temperature and pressure on the stability of complexes.
3. Explain  $SN^1$  dissociative mechanism of substitution for octahedral complexes.
4. Explain  $SN^2$  associative mechanism of substitution for octahedral complexes.
5. Derive Beer's Lambert's law. Explain verification of Beer's Lambert's law.
6. How will you determine the amount of copper in a given solution by spectrophotometry?
7. What is meant by  $R_f$  value? What are the factors that affect  $R_f$  value?
8. What is paper chromatography? What are the different types of paper chromatography?
9. What are organometallic compounds? How are they classified?
10. What is synergic bonding mechanism? Explain it with reference to carbonyl.
11. How is nickel carbonyl prepared? Give its physical and chemical properties. Discuss its structure on the basis of hybridization.
12. Describe electromagnetic spectrum.
13. Define the term chromophore. How will you detect the presence of carbonyl group in aldehydes and ketones?
14. Discuss the various types of electronic transitions and explain the effect of polarity of the solvent on each type of transition.
15. "Increase in polarity of the solvent shifts  $\pi-\pi^*$  band to longer wavelength but  $n-\pi^*$  and  $n-\sigma^*$  bands to shorter wavelength." Comment on the statement.
16. What are different types of vibrations? How fundamental modes of vibrations are calculated for linear and non linear molecules?
17. What is nuclear magnetic resonance spectroscopy? Describe the salient features of proton NMR spectrum of ethyl bromide.
18. What is chemical shift? How is it measured?
19. Write with examples the shielding and deshielding effects involved in NMR spectroscopy.
20. Describe basic principles of mass spectrometry.
21. Explain the terms: 1. Metastable peaks 2. Molecular ion peak 3. Relative abundance of parent and the fragment ion.
22. How can the mass spectrum be used to find the molecular formula of the organic compound?
23. Explain Photoelectric effect.
24. Describe Compton Effect.
25. Derive Schrodinger Wave equation.
26. What is well behaved wave equation? Write its physical significance.
27. Derive energy of a moving particle in one dimensional box.
28. Explain determination of pH of a solution using Hydrogen electrode. Write advantages and disadvantages of Hydrogen electrode.
29. Explain determination of pH of a solution using Quinhydrone electrode. Write advantages and disadvantages of Hydrogen electrode.
30. How will you determine pH of a solution using Glass electrode? Write advantages and disadvantages of Glass electrode.
31. Explain the nuclear shell model.
32. Explain the liquid drop model of a nucleus
33. What are nuclear reactions? Write their characteristics and difference between chemical and nuclear reactions.
34. Explain nuclear fission and nuclear fusion reactions.
35. Write the applications of radioisotopes.



**Shri Shivaji College of Arts, Commerce and Science Akola**  
**Department of Computer Science**  
**B. Sc. II SEM III Exam W 2020**  
**Project Submission Notice**

All the students of B Sc II SEM III are hereby informed that they should submit Project report on or before 01/10/2020

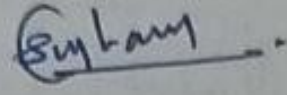
S. No	Name of Student	Project Name
1	Abhishek Mahadeo Nikole	Bioinformatics
2	Akansha Dhanraj Bharsakale	Data mining
3	Akash Prakash Chikhalkar	Employee Management System
4	AKASH SHYAMSUNDAR PATEL	Trading Software
5	Akshay Suresh Pohare	Billing System
6	Anas Ahmad Ilyas Ahmad	Intuitive Gadgets
7	Aniket Vinod Dongre	Hazards of computer viruses
8	Ankita Sanjay Pohare	Decryption and encryption of data.
9	Ankita Shrikrushna Kantale	Car Rental System
10	Bareera Tasneem Mohammad Iqbal	Ethical hacking: white hat techniques.
11	Deepak Devidas Dhangare	Student Report Management System
12	Dnyaneshwari Ramesh Ingle	Sudoku Game
13	Ku. Dipti Gajanan Zalake.	Credit Card Validator
14	Dnyanesh chintaman Bhalerao	Helicopter Game
15	Gayatri Rajesh Jawake	Bookshop Management System
16	Gyanvi Santosh Mishra	Bank Management System
17	Hrushikesh vinod khirodkar	Contact Management System
18	Hrutuja Subhash Pachpor	Sales Management System
19	Kiran Dilip Bende	Credit Card Validator
20	Komal Ganeshsingh Thakur	The threat to internet Banking
21	Krushna Nandkishor Tayde	Image-Classification Project
22	Kshitij Sheshrao Nimbalkar	Insurance cost prediction using machine learning
23	Madhuri Vivek Ingle	The growth of the mobile gaming industry
24	Mamta Raju Gayane	The increasing importance of Data mining in commerce
25	Ku. Manisha Dnyaneshwar Lakhpurkar	The risks and advantages of Machine Learning
26	MOHAMMAD ADNAN MOHAMMAD ARIF	The Future of Artificial Learning
27	Nayantara Suresh raibole	Bitcoin
28	Poonam Prakash Ghuge	Xmax Technology
29	Prachi Panjabrao Bhilange	Bitcoin
30	Pradnya Puranmal Ingle	Blue Tooth
31	Prajwal Sanjay Mahalle	Snapdragon Processors
32	Pranit Pramod Shegokar	Turbo Codes
33	Prathamesh kailash Ganeshpure	Magnetic Random Access Memory
34	Prathamesh Shridhar Deshmukh	Sixth Sense Technology
35	Pratik Rajkumar Surwade	Timing Attacks on Implementations
36	Priyanka Panjabrao Adole	Performance Testing
37	Radha Rajeshwar Pathrikar	Graph Separators
38	Rahul Kashiram Kavreti	Biometric Voting System
39	Rohit Dashrath Rathod	Unlicensed Mobile Access
40	Rucha Gajanan Taware	Google File System
41	SAI MORESHWAR NABHARE	Pivot Vector Space Approach in Audio-Video Mixing
42	SAKSHI Shingokar	Storage Area Network
43	Samyak Pawankumar Kachhot	Orthogonal Frequency Division Multiplexing
44	SancheK Uttam Khodke	E-Cash Payment System
45	Sanket Gajanan Bagade	E-Cash Payment System
46	Sanket sudhakar Telgote	Shingled Magnetic Recording
47	Santoshi Sanjay kaple	Google Chrome OS
48	Saurabh Arun Neware	Future of IOT
49	Shakib Ahmed Iftekhar Ahmed	Intel MMX Technology
50	Shantanu Suresh Wasatkar	DRM Software Radio
51	Shubham Arun Uparwat	Itanium Processor
52	Shyam Haridas Phale	Digital Subscriber Line
53	SUSHANT TRYAMBAK INGLE	Symbian OS
54	Swaraj Sharadrao Gangane	Browser Security
55	Tejas Pradip Wankhede	Wolfram Alpha
56	Umama Firdous Mohammad Sajid	Raspberry Pi
57	Vaibhav Suresh Godmale	Neural Networks



58	Ku Vaishnavi kashiram Deokar	Socket Programming
59	Vrushali Shivdas Gawande	JOOMLA and CMS
60	Yash Ashok Mote	Linux Virtual Server
61	Yash Kamaldas Rathod	Structured Cabling
62	Yash Sanjay Khedkar	Biometric Voting System
63	Zarin Fatema Zakir Husain Khan	Unlicensed Mobile Access
64	Zufishan Iram Mohammad Mobin	Google File System
65	Abhijeet Gajendra Deshmukh	Pivot Vector Space Approach in Audio-Video Mixing
66	Abhishek Anil Umekar	DRM Software Radio
67	Aman Sanjay madankar	Itanium Processor
68	Ankita yenshuraj ingale	Digital Subscriber Line
69	Ashwajit Dhammapal Damodar	Symbian OS
70	Mahesh Shivaji Nalkande	Browser Security
71	Mayuri Rajendra Vikhe	Fluorescent Multi-layer Disc
72	Mohammed Saad Noman	Cloud Storage
73	Monika sonaji sonone	Holograph Technology
74	Mukta Pramod Sure	TCPA / Palladium
75	Pinki dayaram jamra	Optical Burst Switching
76	Pramila walsing Ningwal	Ubiquitous Networking
77	Rinku Namdev Rathod	NFC and Future
78	Rushiraj gajanan bondre	Database Management Systems
79	Saurabh Sanjay Lanjewar	Intel Core I7 Processor
80	Shruti Vishwasrao Deshmukh	Modems and ISDN
81	Shubham Ravindra Mandwkar	Optical Fibre Cable
82	Vishal Vinod Dharaskar	Robotic Surgery
83	Vivek Mahadeo Raut	Digital Jewelry
84	Amit Sunil Bhagat	Home Networking
85	Aniket Anil bagde	Web Clustering Engines
86	Ku. Nikita Bhaurao Surwe	Public Key Infrastructure
87	Prajwal Motiram Meshram	Inverse Multiplexing
88	Pratik vinayak raut	Wireless USB
89	Rohit Santosh Tidake	Fiber Distributed Data Interface
90	Sanket deepak meshram	Elastic Quotas
91	Sujay Sudhakar Ingole	Home Networking
92	Suraj Sandip Wankhade	Web Clustering Engines
93	Sayyed Faisal	Quadrics Interconnection Network
94	Abhishek Gopal Chakote	Unified Modeling Language (UML)
95	Ganesh kailas dhani	Compute Unified Device Architecture CUDA
96	Pratiksha Narayan Mahalle	Quantum Cryptography
97	Vaibhav Gajanan Tale	E-Paper Technology
98	Pallavi Divakar Janorkar	Web Scraping
99	Ankita Gautam Sirsat	Bluetooth Based Smart Sensor Networks
100	Gufran Ahmed Abdur Rehman Qureshi	Smart Dustbins for Smart Cities
101	Mahesh Madhukar Ujjainkar	Satellite Radio
102	MOHAMMAD JUNED ABDUL GHAFOOR	
103	Vaibhav Nandkishor kharabe	Modular Computing
104	Abhishek Rajkumar Kauthkar	3d Optical Data Storage
105	Furquan Ahmed	Robotic Surgery
106	Kapil Gajanan Wandale	Digital Jewelry
107	Rushikesh Bambal	Home Networking
108	Saurabh Suresh Sonone	Web Clustering Engines
109	Santosh Kisan Daberao	Public Key Infrastructure
110	Yogini Kailas Waghmare	Inverse Multiplexing
111	Nikita Kailas Telgote	Wireless USB
112	Snehal Vasantao Virokar	Fiber Distributed Data Interface
113	Pratik s sarap	Modular Computing
114	Shreya Rajkumar Ramrohiya	Real-Time Task
115	Abhay Dadarao Jadhao	Sandbox (computer security)
116	Jayesh Ganesh Gadekar	Network Address Translation
117	Kalyani Prakash Agarkar	Biometrics Based Identification
118	Poonam Sidharth Wakpanjar	Cloud Computing
119	Prabhat Ravin More	Intel Centrino Mobile Technology
120	Prasad Narayan Sable	Human Area Network Technology
121	Vaoshanavi Sudhakar Kale	Smart Dustbins for Smart Cities
122	Suraj Pralhad Solanke	Open Graphics Library (Open Gl)
123	Kiran Sunil Makode	Network Address Translation
124	Hrushikesh Sunil Deshmukh	Biometrics Based Identification
125	Swapnil sheshrao ingle	Web Clustering Engines
		Public Key Infrastructure

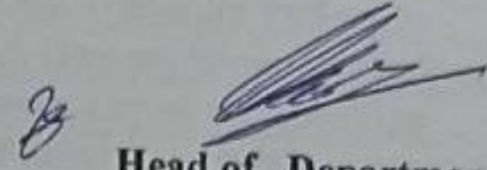


126	Sushant Sukhadev Nikhade	Inverse Multiplexing
127	KUNAL DILIP PATEKAR	Wireless USB
128	Dnyaneshwari dattatray bonde	Cryptocurrency
129	Pratiksha Onkar Dhadse	Intel Centrino Mobile Technology
130	Akshay kesharao sarjerao	Human Area Network Technology
131	Dhiraj Balabhau Ingale	Smart Dustbins for Smart Cities
132	Utkarsh Brahmadev Chaurpagar	Blood donation agents system
133	Shraddha Ashok Chhabile	Digital Signature
134	Pavankumar Ramesh Dhokne	Millennium Planning
135	Samyak Sunil Gopnarayan	Alumni Manager



**Teacher In-Charge**

Assistant Professor  
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Commerce & Science, Akola



**Head of Department**  
**HEAD**  
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& Science IT  
Shri Shivaji College Akola.



**Shri Shivaji College of Arts, Commerce and Science Akola**  
**Department of Computer Science**  
**B. Sc. III SEM V Exam W 2020**  
**Project Submission Notice**

All the students of B Sc- III -SEM - V are hereby informed that they should submit Project report on or before 01/10/2020

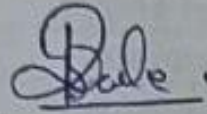
S. No	Name of Student	Project Name
1	Abhishek Santosh Bobade	Nvidia Tesla Personal Supercomputer
2	Abhishek Shantaram Rothe	Dynamic Cache Management Technique
3	Abhishek Shivdas Kale	Real-Time Task
4	Aditya Gajanan khirekar	Scheduling
5	Aditya Madhavrao Gawande	Session Initiation
6	Ajay Vikas Deshmukh	Protocol (SIP)
7	Akash Balwant Kate	Conditional Access System
8	Akash shankarrao tade	Project Oxygen
9	AKSHAY DIPAK SONONE	Big Data To Avoid
10	Amar Shridhar Kankale	Weather Related Flight Delays
11	Amit Gopal Kathalkar	Operating Systems with Asynchronous Chips
12	Amit haridas dandale	Predictive Analysis
13	Amruta Chandrakant Atkurwar	Real-Time Task
14	Anand Chandu Wahurwagh	Sandbox (computer security)
15	Ankita Vidhyadhar Khotte	Network Address Translation
16	Archana Shankar Vikhe	Biometrics Based Identification
17	Barira Fatema Mohammad Fahim Ullah Khan	Cloud Computing
18	Bharat Gajanan Wakhare	Intel Centrino Mobile Technology
19	Chandrakant Arvind Ohekar	Human Area Network Technology
20	Dnyaneshwar V. Gawande	Smart Dustbins for Smart Cities
21	Faizan ahmad Shakeel ahmad	Open Graphics Library (Open Gl)
22	Ganesh shashikant Ingle	Network Address Translation
23	Gaurav Madhukar Chopade	Biometrics Based Identification
24	Gayatri Ashok Hiwarkar	Cryptocurrency
25	Gayatri kishor kinge	Intel Centrino Mobile Technology
26	Harish laxman bothe	Human Area Network Technology
27	Ishwar ingle	Smart Dustbins for Smart Cities
28	Izram Fatema Abdul Aziz	Open Graphics Library (Open Gl)
29	Jagdish Dilip Chavan	Image Guided Therapy (IGT)
30	Janhavi Pramod Dahrenkar	Distributed Operating Systems
31	Jantesh Janrao Wankhade	Orthogonal Frequency Division Multiplexing
32	Jayesh Rahul Ingle	Cryptocurrency
33	Jaykumar r Gaikwad	Conditional Access System
34	Keshav Madhusudan Amle	Project Oxygen
35	Ku Kirti Rajendra Warade	Big Data to Avoid
36	Kirti Sanjay Khedkar	Weather Related Flight Delays
37	Krutvika Sanjay Wakode	Operating Systems with Asynchronous Chips
38	Rani Sunil Khade	Predictive Analysis
39	Ashvini Pradip Talole	Payroll Management System
40	Dipali Pralhad Edakhe	Hotel Booking System
41	Gayatri Pramod Waghmare	Digital Piano
42	Shivani Babulal Jangade	Address Book
43	Kumar Prashant Deulgaonkar	binary search trees
44	Mangesh Dilip Ingle	BSTs following the memoization algorithm
45	Manoj Balkrishna Ghenge	Heap insertion time
46	Mayuri Santosh Raut	Optimal treaps with priority-changing parameters
47	Mohd hassanur Rehman Aaqueeb	Research project on k-d trees
48	Nakul Dube	Fast data structures in non-C systems languages
49	Nikhil mahadev dhale	Search engine for data structures
50	Nikhil Sunil Jamunah	Phone directory application using doubly-linked lists
51	Nikita Vishnu Bharambe	Spatial indexing with quadtree
52	Nivrutti Gopal Pete	Course selection system database
53	Om Anilrao Korde	Fruit selling management system database
54	Pallavi Gopal More	Token booking management system database
55	Parag Dharmaraj Ingole	Student housing system database
56	Pavan Gajanan Lokhande	Service request system database
57	Pavan Ramkrishan Bhivate	Home renting system database
58	Pawan Kailas Puneekar	Marriage Hall booking system database



59	Pawan Milind Banokar	Complaint Management System
60	Pavankumar Kanoja	Event management system database
61	Phalguni Patkar	Learning management system
62	Piyush Milind Dhule	Restaurant Order system database
63	pooja arun bagalkar	Restaurant management system database
64	Prabhakar Digambar Wadatkar	Employee referral system database
65	Prajwal Shrikrushna Tale	Employee Performance review system database
66	Prakash Eknath Kale	Employee vacation system database
67	Pranay Narendra Hadole	Mobi-Thesaurus
68	Pratik Madhavrao Gawande	Effective Scheduling in Infrastructure-Based Cognitive Radio Networks
69	Pratiksha purushottam deshmkh	Mobile Phone Tracking
70	Pravin Shrikrushna Kale	Remote PC Administration Using J2ME
71	Priya padmakar dhande	MACA
72	Priyanka Chandrakant Khadse	Mobile Electronic Program Guide
73	Priyanka Nivrutti Khond	Ship Store System
74	Radhika gajanan chutke	Mobil minder: Location Based Reminder on Mobiles
75	RAHUL D PAWAR	Stegano graphy In Audio Files
76	Rahul Madansing Rathod	Java Memory Model
77	Rajani Sanjay Wadekar	Online Real Estate Property Management
78	Rajesh Gopal malthane	Cooperative Clustering Protocol for Energy Saving of Mobile Devices
79	Ravindra Narsing Damle	Cross-Layer Optimization for Multimedia Transport Over Multicode CDMA Networks
80	Rohan Rajesh Khade	Friend Mapper on Mobiles
81	Rohini Rameshrao Gawande	Noise Reduction by Fuzzy Image Filtering
82	Rohit Rahul Ingole	Load Shedding in Mobile Systems with Mobiquat
83	Rucha Prabhakarrao Deshmukh	Optimal Channel Access Management with QoS Support for Cognitive Vehicular Networks
84	Rupali Sanjay Pohare	Mobi Travel Guide
85	Rushali Manikrao Ingle	VAS for Hand Held Device
86	Rushikesh Shivanand Kale	Text Encryption and Decryption
87	Rutika Rajesh Sonone	Remote Administration using Mobile
88	Sagar Milind Dhule	Mobility Management Schemes Based on Pointer Forwarding for Wireless Mesh Networks
89	Sakshi Satish Deshmukh	Global Tracker
90	Salba Zamam khan Aasif Khan	Efficient Location Training Protocols for Heterogeneous Sensor and Actor Networks
91	Sameer Waghode	E-Cops
92	Sanket Sharad Raut	Adaptive Location-Oriented Content Delivery in Delay-Sensitive Pervasive Applications
93	Saurabh Santosh Gadge	Stealthy Attacks in Wireless Ad Hoc Networks
94	Sham Dhore	Image Processing Editor
95	Shivani P. Deshmukh	Resilient Online Coverage for Surveillance Applications
96	Shraddha Ravindra Deshmukh	Multi Auctioneer Progressive Auction for Dynamic Spectrum Access
97	Shraddha Shyamsundar Gupta	Minimum Bandwidth Reservations for Periodic Streams in Wireless Real Time Systems
98	Shrikant Ashok Shirsat	Medical Image Compression
99	Shrikant Rajesh Baghe	Natural Image Segmentation Based on Tree Equipartition
100	Shubham V. Jamode	Barcode Generation
101	Shubham Vijay Suryawanshi	Secret Key Establishment Using Temporally and Spatially Correlated Wireless Channel Coefficients
102	Shubhangi Rajendra Khupse	Effectiveness of Monitoring for Intrusion Detection in Mobile Ad Hoc Networks
103	Siddhesh Satish Kulkarni	Efficient Location Training Protocols for Heterogeneous Sensor and Actor Networks
104	Snehal Nivrutti Kale	Data Delivery Properties of Human Contact Networks
105	Supriya Ganesh Wadal	Design and Performance Analysis of Mobility Management
106	Suraj Laxman Band	Dynamic Conflict-Free Transmission Scheduling for Sensor Network Queries
107	Sushama Bhimrao Werulkar	Movie World
108	Swapnil Panjabrao Wankhade	Online Crime Report



109	Syed Danish Syed Siddique	Information Content-Based Sensor Selection
110	Tejaswini Jalindar Yeole	Student Records System
111	Uday Anil Bhosale	Information Portal
112	UNMESH JAYESH SHAH	Bulga Bag Planner
113	Vaibhav Babuji Yerukar	Fruit selling management system
114	Vaibhav Govindrao Gole	Token booking management system
115	Vaibhav Laxman Chaudhari	Student housing system
116	Vaibhav Nakul Sul	Service request system
117	Vaishnavi Pramod Ingle	Home renting system
118	Vaishnavi Sarangdhar Ingle	Marriage Hall booking system
119	Ku. Vaishnavi Subhash Deshmukh	Complaint Management System
120	Vaishnavi Suresh Metkar	Efficient Location Training Protocols for Heterogeneous Sensor and Actor Networks
121	Vedant Bhushan Mahajan	E-Cops
122	Vedanti Ramesh Barabde	Adaptive Location-Oriented Content Delivery in Delay-Sensitive Pervasive Applications
123	Vinay Ramesh Balkhande	Stealthy Attacks in Wireless Ad Hoc Networks
124	Vivek Shahadeo Verulkar	Image Processing Editor



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**Head of Department**

HEAD  
Department Of Computer  
& Science I T  
Shri Shivaji College Akola.



**Shri Shivaji College of Arts, Commerce and Science Akola**

**Department of Computer Science**

**B. Sc. II SEM IV Exam S/2021**

**Project Submission Notice**

All the students of B Sc II SEM IV are hereby informed that they should submit Project report on or before 01/03/ 2021

S. No	Name of Student	Project Name
1	Abhishek Mahadeo Nikole	Staff Scheduling Android App
2	Akansha Dhanraj Bharsakale	Android Smart Bus Pass App
3	Akash Prakash Chikhalkar	Wheelchair Guidance & Assistance App
4	AKASH SHYAMSUNDAR PATEL	Space Shooter Combat Game Python
5	Akshay Suresh Pohare	Online PDF to Text Converter & Language Translator Python
6	Anas Ahmad Ilyas Ahmad	Herb & Grocery Shopping Android App
7	Aniket Vinod Dongre	Dementia Virtual Memory App
8	Ankita Sanjay Pohare	C++ Project on hospital management System
9	Ankita Shrikrushna Kantale	Stockbillingsystemin vbandms Access
10	Bareera Tasneem Mohammad Iqbal	Billing Systemfora departmentalstore inasp.Net+SQL
11	Deepak Devidas Dhangare	Staff Scheduling Android App
12	Dnyaneshwari Ramesh Ingle	Android Smart Bus Pass App
13	Ku. Dipti Gajanan Zalake.	Wheelchair Guidance & Assistance App
14	Dnyanesh chintaman Bhalerao	Space Shooter Combat Game Python
15	Gayatri Rajesh Jawake	Online PDF to Text Converter & Language Translator Python
16	Gyanvi Santosh Mishra	Herb & Grocery Shopping Android App
17	Hrushikesh vinod khirodkar	Dementia Virtual Memory App
18	Hrutuja Subhash Pachpor	C++ Project on Hospital Management System
19	Kiran Dilip Bende	Stockbillingsystemin vbandms Access
20	Komal Ganeshsingh Thakur	Billingsystemfora departmentalstore inasp.Net+SQL
21	Krushna Nandkishor Tayde	Studentdatabasemanagement systeminc#.Net andmssql
22	Kshitij Sheshrao Nimbalkar	Librarymanagementsysteminhtml
23	Madhuri Vivek Ingle	Onlinecinema ticketbookingsystemin.Net
24	Mamta Raju Gayane	Matrimonialwebapplicationinasp.Net
25	Ku. Manisha Dnyaneshwar Lakhpurkar	Simplejavasearchengine
26	MOHAMMAD ADNAN MOHAMMAD ARIF	Employee work Management usingjavaandsqlserver
27	Nayantara Suresh raibole	Designof Shopping mallmanagementsystem
28	Poonam Prakash Ghuge	A mobile distributed system for personal security
29	Prachi Panjabrao Bhilange	Cashless transaction
30	Pradnya Puranmal Ingle	Machinelearning
31	Prajwal Sanjay Mahalle	Applicationofrdbms
32	Pranit Pramod Shegokar	Online payment advantage and disadvantage
33	Prathamesh kailash Ganeshpure	Bird species identification froman Image
34	Prathamesh Shridhar Deshmukh	Facial Keypoints Detection
35	Pratik Rajkumar Surwade	Automaticanswerchecker
36	Priyanka Panjabrao Adole	Student attendance system by barcode scan
37	Radha Rajeshwar Pathrikar	Face recognition attendance System
38	Rahul Kashiram Kavreti	Identifying gender from facial features
39	Rohit Dashrath Rathod	Online auction system
40	Rucha Gajanan Taware	Evaluationof academicperformance
41	SAI MORESHWAR NABHARE	E-Authenticationsystem
42	SAKSHI Shingokar	Crimerateprediction
43	Samyak Pawankumar Kachhot	Symbol recognition
44	Sanhek Uttam Khodke	Libraryapp-librarymanagementsystem
45	Sanket Gajanan Bagade	Search engine
46	Sanket sudhakar Telgote	Onlinee Book maker
47	Santoshi Sanjay kaple	Mobilewalletwithmerchantpayment



48	Saurabh Arun Neware	Smart videosurveillance
49	Shakib Ahmed Iftekhar Ahmed	Libraryapp-librarymanagementsystem
50	Shantanu Suresh Wasatkar	Inventory Management System
51	Shubham Arun Uparwat	Employeetrackingsystem
52	Shyam Haridas Phale	Virtual Class Rooms
53	Sushant tryambak ingle	Audio Manager
54	Swaraj Sharadrao Gangane	Electronic mailserver
55	Tejas Pradip Wankhede	SUDOKU
56	Umama Firdous Mohammad Sajid	Online busreservation
57	Vaibhav Suresh Godmale	Generic sqlexplorer
58	Ku Vaishnavi kashiram Deokar	Multi-taskingsockets
59	Vrushali Shivdas Gawande	Slidingwindowprotocol
60	Yash Ashok Mote	Customercomplaintreport Software
61	Yash Kamaldas Rathod	C /C++forbeginners
62	Yash Sanjay Khedkar	SQL for beginners
63	Zarin Fatema Zakir Husain Khan	Javaforbeginners
64	Zufishan Iram Mohammad Mobin	Career in computer science
65	Abhijeet Gajendra Deshmukh	Low Cost Wireless Internet
66	Abhishek Anil Umekar	Real-Time weatherforecastingapp
67	Aman Sanjay madankar	Optical characterrecognition (OCR)System
68	Ankita yenshuraj ingale	News Feed Application
69	Ashwajit Dhammapal Damodar	Data Science
70	Mahesh Shivaji Nalkande	Data Mining
71	Mayuri Rajendra Vikhe	Waste food management & donation app
72	Mohammed Saad Noman	Gymtrainer & progress tracker app
73	Monika sonaji sonone	E-Learning System
74	Mukta Pramod Sure	Android placemaker
75	Pinki dayaram jamra	Heart Disease predictionproject
76	Pramila walsing Ningwal	Online Objective examproject
77	Rinku Namdev Rathod	Onlinebakeryshopsystem
78	Rushiraj gajanan bondre	Geographical Information system for tourists
79	Saurabh Sanjay Lanjewar	Online Election System Project
80	Shruti Vishwasrao Deshmukh	Motor driving School system
81	Shubham Ravindra Mandwkar	Advanced Reliable Real Estate Portal
82	Vishal Vinod Dharaskar	Diagnostic Centre Client Coordination System
83	Vivek Mahadeo Raut	Role of computer in life
84	Amit Sunil Bhagat	Thefuture of Cryptocurrency
85	Aniket Anil bagde	Notes&Passwordmanager
86	Ku. Nikita Bhaurao Surwe	Breakoutballgame
87	Prajwal Motiram Meshram	Quizup-A Quiz Application
88	Pratik vinayak raut	Resume Builder Web Application
89	Rohit Santosh Tidake	Studentresult managementsystem
90	Sanket deepak meshram	Online whiteboard
91	Sujay Sudhakar Ingole	Onlinevotingsystem-Advantages &Disadvantages
92	Suraj Sandip Wankhade	Gps systemincarforfindinglocation
93	Sayyed Faisal	Scope afterm. Sc(Com. sci)
94	Abhishek Gopal Chakote	Advanced Reliable Real Estate Portal
95	Ganesh kailas dhani	Diagnostic Centre Client Coordination System
96	Pratiksha Narayan Mahalle	ATM managementsysteminjava
97	Vaibhav Gajanan Tale	Online Bike rentalsystemprojectinc#. NET
98	Pallavi Divakar Janorkar	Advanced Reliable Real Estate Portal
99	Ankita Gautam Sirsat	Diagnostic Centre Client Coordination System
100	Gufran Ahmed Abdur Rehman Qureshi	Designandimplementationofpatientappointment scheduling system
101	Mahesh Madhukar Ujjainkar	Artificialintelligence and robotics
102	Mohammad juned abdul ghafoor	Bioinformatics
103	Vaibhav Nandkishor kharabe	Secure Online Auction System
104	Abhishek Rajkumar Kauthkar	Automated Canteen Ordering System using Android
105	Furquan Ahmed	Advancedcalltaxibookingandmonitoring
106	Kapil Gajanan Wandale	Advanced College Time table Scheduling
107	Rushikesh Bambal	Careerand Consultancy Service
108	Saurabh Suresh Sonone	Childcareinformation System



109	Santosh Kisan Daberao	Javaproject-currencyconverter
110	Yogini Kailas Waghmare	C project- School Billing System
111	Nikita Kailas Telgote	Cproject-Tic-Tac-toegame
112	Snehal Vasantao Virokar	SDLC
113	Pratik s sarap	SQL
114	Shreya Rajkumar Ramrohiya	-onlineshopping
115	Abhay Dadarao Jadhao	Cryptocurrency
116	Jayesh Ganesh Gadekar	Railwayroute Optimization System
117	Kalyani Prakash Agarkar	GPS Rover
118	Poonam Sidharth Wakpanjar	Anintelligenteye
119	Prabhat Ravin More	File Compression
120	Prasad Narayan Sable	Enhancingan Application Server to Support Available Components
121	Vaoshanavi Sudhakar Kale	Employee-trackingsystem
122	Suraj Pralhad Solanke	Digita Idiary Project
123	Kiran Sunil Makode	Audio Manager
124	Hrushikesh Sunil Deshmukh	Screenshotgrabber
125	Swapnil sheshrao ingle	Motiondetectionandinstant Alerter
126	Sushant Sukhadev Nikhade	Cryptocurrency
127	KUNAL DILIP PATEKAR	Intel Centrino Mobile Technology
128	Dnyaneshwari dattatray bonde	Human Area Network Technology
129	Pratiksha Onkar Dhadse	Smart Dustbins for Smart Cities
130	Akshay kesharao sarjerao	Cloud Computing
131	Dhiraj Balabhau Ingale	Intel Centrino Mobile Technology
132	Utkarsh Brahmadev Chaurpagar	Human Area Network Technology
133	Shraddha Ashok Chhabile	Smart Dustbins for Smart Cities
134	Pavankumar Ramesh Dhokne	Open Graphics Library (Open Gl)
135	Samyak Sunil Gopnarayan	Network Address Translation

*Sy kumar*

**Teacher In-Charge**

Assistant Professor  
Dept. of Computer Science  
Shri Shivaji College Akola,  
Commerical Road, Akola

*[Signature]*

**Head of Department**  
**HEAD**  
Department Of Computer  
& Science IT  
Shri Shivaji College Akola.



**Shri Shivaji College of Arts, Commerce and Science Akola**

**Department of Computer Science**

**B. Sc. III SEM VI Exam S/2021**

**Project Submission Notice**

**All the students of B Sc- III -SEM - VI are hereby informed that they should submit Project report on or before 01/03/2021**

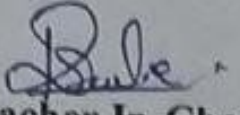
S. No	Name of Student	Project Name
1	Abhishek Santosh Bobade	Training & Placement Cell Management
2	Abhishek Shantaram Rothe	Ant Colony Optimization Technique for Mantes
3	Abhishek Shivdas Kale	Development of an Online Course Portal for a campus
4	Aditya Gajanan khirekar	Railway Route Optimization System
5	Aditya Madhavrao Gawande	Chat Server and Client Application
6	Ajay Vikas Deshmukh	Implementation Of a Mini Search Engine
7	Akash Balwant Kate	Online Bus Reservation
8	Akash shankarrao tade	GPS Rover
9	AKSHAY DIPAK SONONE	Vehicle Management System
10	Amar Shridhar Kankale	Telephone Billing System
11	Amit Gopal Kathalkar	Student Attendance Management System
12	Amit haridas dandale	Student Information System
13	Amruta Chandrakant Atkurwar	Inventory Management System
14	Anand Chandu Wahurwagh	Sliding Window Protocol
15	Ankita Vidhyadhar Khotte	Orkut Java
16	Archana Shankar Vikhe	File Compression
17	Barira Fatema Mohammad Fahim Ullah Khan	Enhancing an Application Server to Support Available Components
18	Bharat Gajanan Wakhare	Employee Tracking System
19	Chandrakant Arvind Ohekar	Digital Diary Project
20	Dnyaneshwar V. Gawande	An Intelligent Eye
21	Faizan ahmad Shakeel ahmad	Secure Group Communication
22	Ganesh shashikant Ingle	Rich Internet Application for Weekly Automatic College Timetable Generation
23	Gaurav Madhukar Chopade	Portable Media Player
24	Gayatri Ashok Hiwarkar	Low-Cost Wireless Internet
25	Gayatri kishor kinge	Digital System Architecture
26	Harish laxman bothe	Bluetooth Project
27	Ishwar ingle	XML-enabled Wrapper Construction
28	Izram Fatema Abdul Aziz	Empirical Model of HTTP Network Traffic
29	Jagdish Dilip Chavan	Automated Parking system using RFID Technology
30	Janhavi Pramod Dahenkar	Adhere Plus
31	Jantesh Janrao Wankhade	Mobile Recharging with Banking Transaction Using SMS
32	Jayesh Rahul Ingle	Gesture Recognition System using Privacy
33	Jaykumar r Gaikwad	Email Flyer
34	Keshav Madhusudan Amle	Content Base Mail Classification
35	Ku Kirti Rajendra Warade	Automatic Alert Alarming for Security Systems
36	Kirti Sanjay Khedkar	Automated Parking System using RFID Technology
37	Krutvika Sanjay Wakode	Adhere Plus
38	Rani Sunil Khade	Mobile Recharging with Banking Transaction Using SMS
39	Ashvini Pradip Talole	Gesture Recognition System using Privacy
40	Dipali Pralhad Edakhe	Bug Tracking System
41	Gayatri Pramod Waghmare	Leave Management System (LMS)
42	Shivani Babulal Jangade	Design and Development of Speed Cash System (SCS)
43	Kumar Prashant Deulgaonkar	Multi-Million Dollar Maintenance Using WLS Algorithms
44	Mangesh Dilip Ingle	Online Nursery Plant Shopping Website Python
45	Manoj Balkrishna Ghenge	Knee Osteoarthritis Detection & Severity Prediction
46	Mayuri Santosh Raut	Android Carpool Ride Sharing App
47	Mohd hassanur Rehman Aaqueeb	Android Carpool Ride Sharing App
48	Nakul Dube	Staff Scheduling Android App
49	Nikhil mahadev dhale	Android Smart Bus Pass App
50	Nikhil Sunil Jamunah	Wheelchair Guidance & Assistance App
51	Nikita Vishnu Bharambe	Space Shooter Combat Game Python
52	Nivrutti Gopal Pete	Online PDF to Text Converter & Language Translator Python
53	Om Anilrao Korde	Herb & Grocery Shopping Android App



54	Pallavi Gopal More	Dementia Virtual Memory App
55	Parag Dharmaraj Ingole	Android Messenger App
56	Pavan Gajanan Lokhande	Barbershop Service Booking App
57	Pavan Ramkrishan Bhivate	Fitness App With Workout Diet & Motivation
58	Pawan Kailas Punekar	Three Level Image Password Authentication
59	Pawan Milind Banokar	Public Photography Contest With Live Voting
60	Pavankumar Kanoja	Image Encryption for Secure Internet Transfer
61	Phalguni Patkar	Public Photography Contest with Live Voting
62	Piyush Milind Dhule	Criminal Investigation Tracker with Suspect Prediction
63	pooja arun bagalkar	Distributed Dealership Network Analyzer and Sales Monitor
64	Prabhakar Digambar Wadatkar	Securable Network in three-party Protocols
65	Prajwal Shrikrushna Tale	Security System For DNS Using Cryptography
66	Prakash Eknath Kale	Threshold-Multi signature in Distributed System
67	Pranay Narendra Hadole	Web Enabled Interactive Work Order System
68	Pratik Madhavrao Gawande	Web Mining
69	Pratiksha purushottam deshmkh	Password Manager Project
70	Pravin Shrikrushna Kale	IP address Changer Projects
71	Priya padmakar dhande	Web Based Crime Prediction
72	Priyanka Chandrakant Khadse	Web Based Health Monitoring
73	Priyanka Nivrutti Khond	Web Based E-commerce
74	Radhika gajanan chutke	Personality Prediction System Through CV Analysis
75	RAHUL D PAWAR	Employee Timesheet Management System
76	Rahul Madansing Rathod	Web based student attendance system
77	Rajani Sanjay Wadekar	Data mining
78	Rajesh Gopal malthane	Intelligent Tutoring System for Enhancing E-Learning
79	Ravindra Narsing Damle	Online voting System
80	Rohan Rajesh Khade	Web based student Performance Analysis
81	Rohini Rameshrao Gawande	Web based Expense Tracking System
82	Rohit Rahul Ingole	Real Estate Booking
83	Rucha Prabhakarrrao Deshmukh	LED display generator Project
84	Rupali Sanjay Pohare	System With Business Promotion
85	Rushali Manikrao Ingle	Image mining Project
86	Rushikesh Shivanand Kale	Smart Health Consulting System
87	Rutika Rajesh Sonone	Car sales And Inventory Store Project
88	Sagar Milind Dhule	Human speed Detection Project
89	Sakshi Satish Deshmukh	Cargo Booking Software
90	Salba Zamam khan Aasif Khan	Mobile Banking Project
91	Sameer Waghode	Seo optimizer and Suggester
92	Sanket Sharad Raut	Farming Assistance Web Service
93	Saurabh Santosh Gadge	Graphical Password By Image Segmentation
94	Sham Dhore	Video Surveillance Project
95	Shivani P. Deshmukh	Smart Health Consulting Project
96	Shraddha Ravindra Deshmukh	Evaluationof academicperformance
97	Shraddha Shyamsundar Gupta	e-Authentication system
98	Shrikant Ashok Shirsat	Crimerateprediction
99	Shrikant Rajesh Baghe	SMS Based Student Intimation
100	Shubham V. Jamode	Campus Selection System
101	Shubham Vijay Suryawanshi	E-Post Office
102	Shubhangi Rajendra Khupse	E-Post Office
103	Siddhesh Satish Kulkarni	E-GiftShoppe
104	Snehal Nivrutti Kale	Smart Network ProfileManager
105	Supriya Ganesh Wadal	Techno Task Manager
106	Suraj Laxman Band	Multi Banking System
107	Sushama Bhimrao Werulkar	Inventory Chain
108	Swapnil Panjabrao Wankh	Photo Competition Website withVoting
109	Syed Danish Syed Siddique	Document Manager
110	Tejaswini Jalindar Yeole	OnlineIssue Management
111	Uday Anil Bhosale	Drive 2Destiny
112	UNMESH JAYESH SHAH	Blood Donation Agent System
113	Vaibhav Babuji Yerukar	Digital Signature
114	Vaibhav Govindrao Gole	Network Security
115	Vaibhav Laxman Chaudhari	Alumni Manager
116	Vaibhav Nakul Sul	Software Testing
117	Vaishnavi Pramod Ingle	SocialNetworkingwithAdvertisement
118	Vaishnavi Sarangdhar ingle	Promotional Portal
119	Ku.Vaishnavi Subhash Deshmukh	Biased Random Walksin Uniform WirelessNetworks



120	Vaishnavi Suresh Metkar	Vehicle Showroom Management System
121	Vedant Bhushan Mahajan	SDLC
122	Vedanti Ramesh Barabde	Crime Logger
123	Vinay Ramesh Balkhande	Visual Learner Memory Game
124	Vivek Shahadeo Verulkar	4 G

  
Teacher In-Charge

Assistant Professor  
Dept. of Computer Science  
Shri Shivaji College of Arts,  
Commerce & Science, Akola

  
Head of Department

HEAD  
Department Of Computer  
& Science I T  
Shri Shivaji College Akola

**SHRI SHIVAJI COLLEGE OF ARTS, COMMERCE AND SCIENCE, AKOLA**  
**DEPARTMENT OF FORENSIC SCIENCE**

Session- 20-21

Winter- 2020

**Class: B.Sc. Part II (FRS+Chem+Biochem)**

**Subject: 3S Forensic Physics**

**Result: Internal Assessment**

Sr.No.	Uni. Roll No.	Name of Students	Assignment	Seminar	Unit Test	Total
1	74192	Aachal R. Bihaut	04	06	10	20
2	74193	Aachal S. Thakre	04	06	10	20
3	74194	Aachal S. Nikam	04	06	10	20
4	74211	Adit G. Herode	04	06	10	20
5	74212	Adity S. Kendale	04	06	10	20
6	74246	Anjali R. Raut	04	06	07	17
7	74248	Ankit .G. Deshmukh	04	06	10	20
8	74283	DEEP P. GAWAI	04	06	10	20
9	74285	Deevashree U. Deshmukh	04	06	10	20
10	74287	Dhanshri R. Ingle	04	06	10	20
11	74297	DISHA G PATOLE	04	06	10	20
12	74300	DNYANESHWAR A. BAJAD	00	00	00	AA
13	74308	FATEMA ZAITOON SHAIKH	04	06	10	20
14	74311	GANESH D. GAWLI	04	06	10	20
15	74314	GANGADHAR S. CHAVAN	04	06	10	20
16	74326	GOPAL J. GHUGE	04	06	10	20
17	74359	KOMAL D. LAD	04	06	10	20
18	74363	KSHITIJA P. RODE	04	06	10	20
19	74373	MANISH K. HIWRALE	04	06	10	20
20	74401	MOHINI M. FALKE	04	06	10	20
21	74402	MOHIT A. KAPALE	04	06	10	20
22	74421	NILESH M. DHOTRE	04	06	10	20
23	74440	POOJA D. DHONE	04	06	10	15
24	74457	PRANIT S. GIRHE	04	06	10	20
25	74464	PRASHIK M. MASANE	04	06	07	17

26	74468	PRATAMESH S. JAGATALE	04	06	10	20
27	74518	RITWIK D. BAGADE	04	06	10	20
28	74536	RUTUJA S. BOCHARE	04	06	10	20
29	74539	SABIR ALI KHAN	04	06	10	20
30	74549	SAKSHI R. KIRATKAR	04	06	10	20
31	74560	SAMIKSHA R. CHILWANT	04	06	10	20
32	74618	SHUBHAM D. BODALE	04	06	10	20
33	74624	SHWETARK P. PANDEY	04	06	10	20
34	74630	SUDHIR G. LIHINKAR	04	06	10	20
35	74631	SUJATA R. DHADSE	04	06	10	20
36	74634	SUMIT L. KUTE	04	06	07	17
37	74650	TANAY S. WASNIK	04	06	10	20
38	74677	VAISHNAVI J. YENKAR	04	06	10	20
39	74680	VAIHNANI N. KAWALE	04	06	10	20
40	74698	VARSHA B. KOKANE	04	06	10	20
41	74699	VEDANT S. PRANJALE	04	06	07	17
42	74718	YASHASVINI S. PARMAR	04	06	10	20
43	74719	YOGESHWARI V. TAYADE	04	06	10	20

*Bach*

**HEAD**  
Department of Forensic Science,  
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CGPA 3.24 by NAAC



**SHRI SHIVAJI COLLEGE OF ARTS, COMMERCE AND SCIENCE, AKOLA**  
**DEPARTMENT OF FORENSIC SCIENCE**

Session- 2020-21

Summer- 2021


**Class: B.Sc. Part II (FRS+Chem+Biochem)**

**Subject: 4S Forensic Biology**

**Result: Internal Assessment**

Sr.No.	Uni. Roll No.	Name of Students	Assignment	Seminar	Unit Test	Total
1	74163	Aachal R. Bihaut	04	06	10	20
2	74164	Aachal S. Thakre	04	06	10	20
3	74165	Aachal S. Nikam	04	06	10	20
4	74182	Adit G. Herode	04	06	10	20
5	74183	Aditya S. Kendale	04	06	10	20
6	74217	Anjali R. Raut	04	06	10	20
7	74219	Ankit .G. Deshmukh	04	06	07	17
8	74254	DEEP P. GAWAI	04	06	10	20
9	74256	Deevashree U. Deshmukh	04	06	10	20
10	74258	Dhanshri R. Ingle	04	06	10	20
11	74267	DISHA G PATOLE	04	06	10	20
12	74276	FATEMA ZAITOON SHAIKH	04	06	10	20
13	74279	GANESH D. GAWLI	04	06	10	20
14	74282	GANGADHAR S. CHAVAN	04	06	10	20
15	74294	GOPAL J. GHUGE	04	06	10	20
16	74326	KOMAL D. LAD	04	06	10	20
17	74330	KSHITIJ P. RODE	04	06	10	20
18	74340	MANISH K. HIWRALE	04	06	10	20
19	74368	MOHINI M. FALKE	04	06	10	20
20	74369	MOHIT A. KAPALE	04	06	10	20
21	74388	NILESH M. DHOTRE	04	06	10	20
22	74405	POOJA D. DHONE	04	06	10	20
23	74422	PRANIT S. GIRHE	04	06	10	20

24	74429	PRASHIK M. MASANE	04	06	10	20
25	74433	PRATAMESH S. JAGATALE	04	06	10	20
26	74482	RITWIK D. BAGADE	04	06	10	20
27	74500	RUTUJA S. BOCHARE	04	06	10	20
28	74503	SABIR ALI KHAN	04	06	07	17
29	74513	SAKSHI R. KIRATKAR	04	06	10	20
30	74524	SAMIKSHA R. CHILWANT	04	06	10	20
31	74578	SHUBHAM D. BODALE	04	06	10	20
32	74584	SHWETARK P. PANDEY	04	06	10	20
33	74590	SUDHIR G. LIHINKAR	04	06	10	20
34	74591	SUJATA R. DHADSE	04	06	10	20
35	74594	SUMIT L. KUTE	04	06	10	20
36	74610	TANAY S. WASNIK	04	06	10	20
37	74633	VAISHNAVI J. YENKAR	04	06	10	20
38	74636	VAIHNANI N. KAWALE	04	06	10	20
39	74654	VARSHA B. KOKANE	04	06	10	20
40	74655	VEDANT S. PRANJALE	04	06	10	20
41	74674	YASHASVINI S. PARMAR	04	06	10	20
42	74675	YOGESHWARI V. TAYADE	04	06	10	20

  
**HEAD**  
 Department of Forensic Science,  
 Shri Shivaji College of Arts,  
 Commerce & Science, AKOLA



SHRI SHIVAJI COLLEGE OF ARTS, COMMERCE AND SCIENCE, AKOLA  
DEPARTMENT OF FORENSIC SCIENCE

Session- 2020-21

Winter - 2020


**Class: B.Sc. Part III (FRS+Chem+Biochem)**

**Subject: 5S Forensic Psychology**

**Result: Internal Assessment**

Sr. No.	Uni. Roll No.	Name of Student	Assignment	Seminar	Unit Test	Total
1	75053	Abhishek. M. Bharsakle	04	06	10	20
2	75055	Abhishek Gawande	04	06	10	20
3	75073	Ajinkya P. Nimkande	04	06	10	15
4	75076	Akash M. Akhare	04	06	07	17
5	75238	Amarika B. Mule	04	06	10	20
6	75113	Ashish . P. Palhade	04	06	07	17
7	75115	Ashwini G. Choudhary	04	06	10	20
8	75119	Ashwini V. Deshmukh	04	06	10	20
9	75167	Gauri. S. Bhambulkar	04	06	10	20
10	75171	Gayatri R. Thakare	04	06	07	17
11	75172	Ghanshyam . S.Chandukar	04	06	05	15
12	75174	Hariom. R. Shingne	04	06	05	15
13	75611	Yash R. Sapdhare	04	06	07	17
14	75211	Kalyani . N. Deshmukh	04	06	05	15
15	75232	Komal. S. Sarsar	04	06	10	20
16	75272	Manoj .D. Lokhande	04	06	07	17

17	75279	Mayur. D. Gawde	04	06	10	20
18	75286	Mohammad Adil	04	06	07	17
19	75310	Neha. M. Ingle	04	06	10	20
20	75247	Neha. S. Auseri	04	06	10	20
21	75364	Pranali G. Ronghe	04	06	07	17
22	75369	Pratik G. Bhagat	04	06	10	20
23	75375	Pratiksha P. Datey	04	06	05	15
24	75424	Rushikesh R. Sarode	04	06	10	20
25	75425	Rushikesh R. Shegokar	04	06	05	15
26	75251	Sakshi. D. Dewar	04	06	10	20
27	75444	Sameer.R.Shimpi	04	06	05	15
28	75445	Samruddhi. D. Payas	04	06	10	20

  
**HEAD**  
 Department of Forensic Science,  
 Shri Shivaji College of Arts,  
 Commerce & Science, AKOLA  
 Grade C.GPA.3.24 by N.A.S.



**SHRI SHIVAJI COLLEGE OF ARTS, COMMERCE AND SCIENCE, AKOLA**  
**DEPARTMENT OF FORENSIC SCIENCE**

Session- 2020-21

Summer -2021

**Class: B.Sc. Part III (FRS+Chem+Biochem)**

**Subject: 6S Digital & Cyber Forensic**

**Result: Internal Assessment**

Sr. No.	Uni. Roll No.	Name of Student	Assignment	Seminar	Unit Test	Total
1	74832	Abhishek. M. Bharsakle	04	06	10	20
2	74834	Abhishek Gawande	04	06	10	20
3	74852	Ajinkya P. Nimkande	04	06	05	15
4	74855	Akash M. Akhare	04	06	10	20
5	75012	Amarika B. Mule	04	06	10	20
6	74891	Ashish . P. Palhade	04	06	10	20
7	74893	Ashwini G. Choudhary	04	06	10	20
8	74897	Ashwini V. Deshmukh	04	06	05	15
9	74946	Gauri. S. Bhambulkar	04	06	10	20
10	74950	Gayatri R. Thakare	04	06	10	20
11	74951	Ghanshyam . S.Chandukar	04	06	05	15
12	74953	Hariom. R. Shingne	04	06	10	20
13	75383	Yash R. Sapdhare	04	06	07	17
14	74988	Kalyani . N. Deshmukh	04	06	07	17
15	75007	Komal. S. Sarsar	04	06	07	17
16	75046	Manoj .D. Lokhande	04	06	07	17



17	75053	Mayur. D. Gawde	04	06	10	20
18	75061	Mohammad Adil	04	06	10	20
19	75083	Neha. M. Ingle	04	06	10	20
20	75021	Neha. S. Auseri	04	06	10	20
21	75137	Pranali G. Ronghe	04	06	07	17
22	75142	Pratik G. Bhagat	04	06	05	15
23	75148	Pratiksha P. Datey	04	06	07	17
24	75196	Rushikesh R. Sarode	04	06	07	17
25	75197	Rushikesh R. Shegokar	04	06	05	15
26	75025	Sakshi. D. Dewar	04	06	10	20
27	75216	Sameer.R.Shimpi	04	06	07	17
28	75217	Samruddhi. D. Payas	04	06	07	17
29	75252	Shivani V. Ingle	04	06	10	20
30	75307	Swaraj. R. Jangade	04	06	10	20
31	75320	Ullas Bhakre	04	06	07	17
32	75328	Vaibhav G. kogde	04	06	05	15
33	75031	Vaishnavi. U. Kale	04	06	10	20
34	75332	Vaibhav S. Dhangar	04	06	05	15
35	75369	Vidnypti B. Parvatkar	04	06	10	20
36	75381	Vrushali. A. Ambadkar	04	06	10	20

37	75245	Shiva N. Bhramhane	04	06	05	15
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*Shiva N. Bhramhane*  
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C.G.P.A. 3.24 by NAAC



**SHRI SHIVAJI COLLEGE OF ARTS, COMMERCE AND SCIENCE, AKOLA**  
**POST GRADUATE DEPARTMENT OF COMPUTER SCIENCE & IT**

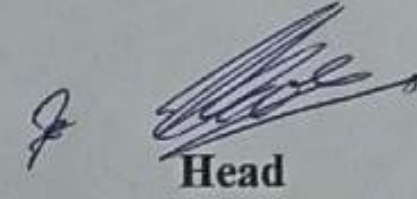
Session 2020-21  
M. Sc. IISem – IV

**Project List**

S. N	Name of Student	Dissertation Title	Name of Guide
1	Harshal Ramesh Galande	“Student Result Management System”	A.S. Jadhao Sir
2	Hemant Ashok Sindekar	“App Development For Students Academic Record”	A.S. Jadhao Sir
3	Aarti Anil Agarkar	Smart health Consulting System	A.S. Jadhao Sir
4	Dipali Anil Sarode	“Server Based MCQ Exam Management Android Application”	Dr. S. M. Chavan
5	IlqaSaherash Abdul Suboor	“Smart Car Parking System to develop Smart Colonies”	RubeenaParveen Mam
6	KanchanDinkarKalpande	Online Photo Editor Website	Dr. S. M. Chavan
7	KomalRajkumarDhoke	Online Typing Speed Test Website www.online-typing-speed-test.in	Prof. A.B. Dube
8	Mayuri Ramesh Karodade	“Android Based Women Safety App”	Prof. A B. Dube
9	Namrata Rajesh Joshi	“Speech to text system”	RubeenaParveenMam
10	Neha BhagwanKumbhare	“E-Farmer Products for you.com”	RubeenaParveenMam
11	Ku.PallaviMadhukarraoNimkande	“Campaign-Lead Management System (CRM)”	RubeenaParveen Mam
12	Prajakta Mahesh Bhople	“Patient Record and Online Appointment System due to Covid-19”	AnupJadhav
13	Rani ShashikantThosar	“Responsive Website Development for E-Learning Purpose – C Language”	Prof. R. S. Kale
14	RenukaDevraoMisal	“BOOK R.E.P.S)REQUEST,EXCHANGE,POST,SELL”	Prof. R. S. Kale
15	SeemaSheshraoJadhao	“Stand-alone application to fulfill the need of Event Management in India”	AnupJadhav
16	Shamal Vinod Lahudkar	“Mobile App Development for Student Progress Report”	RubeenaParveen Mam
17	ShrutiRajendraHage	“language translator application”	RubeenaParveen Mam
18	Sneha Rajesh Chandurkar	College management system for student attendance record and daily updates.	RubeenaParveen Mam
19	SnehaSantoshlalJaiswal	“Android Based Restaurant Table Booking	A.S. Jadhao Sir
20	Ku Snehal D. Wawage	“Secure Encryption Of Phr(Personal Health Record) Sharing On Cloud ”	A.S. Jadhao Sir



21	Snehal Ganesh Rakhonde	"Android Based Most Popular Visitor Tourist Place In Maharashtra "	A.S. Jadhao Sir
22	Snehal Vinod Shende	"Recipe Android Application"	A.S. Jadhao Sir
23	Tejaswini Sanjay Mukund	"Books Android Application"	Prof. M. R. Gudade
24	VijayaMurlidharKatole	"Intelligent Scholarship Disurbement System"	A.S. Jadhao Sir
25	MohdShoeb Abdul Hameed	"Canteen Automation System"	A.S. Jadhao Sir
26	Shrikrushna Mohan Awate	"Android Application for Students Facing Board Exams"	Prof. M. R. Gudade



Head


Department of Computer Science & IT

HEAD

Department Of Computer  
& Science IT  
Shri Shivaji College Akola.


**SHRI SHIVAJI COLLEGE OF ARTS, COMMERCE AND SCIENCE, AKOLA**  
**P.G. DEPARTMENT OF PHYSICS**  
**M.SC.II SEM-III & IV Physics (Project) 2020-2021**

Sr. No.	Name of Student/ Mobile No.	Project Title	Project Guide
1	Akash Ashok Deshmukh 9011990739	Study of bioluminescence and its nature along with physical and chemical properties	Dr. R.G. Korpe
2	Anushka Anil Sahu 7058845818	Study of magnetic properties of nanostructured Iron Oxide thin films	Dr.M.R.Belkhedkar
3	Chetana Digambar Dhoran	Dielectric study of some food materials	Dr. R.G. Korpe
4	Deshanki Eknath Feran 7083536813	Ultrasonic sensor with buzzer and Arduino	Dr. S.M. Palhade
5	Dhiraj Arun Sapkal 7769077131	Narrative review on working and usage of touch screen technologies	Dr. S.M. Palhade
6	Durga Atmaram Bhelke 7038280169	Distance measurement by using ultrasonic sensor	Dr. P.J. Thakare
7	Megha Purshottam Rajpal 9975542516	Adiabatic compressibility of hand sanitizer during corona pandemic	Prof. R.V. Salodkar
8	Mohd Parvez Qamar Ahmad Quazi 9767058346	Ultrasonic study of coolant water of AC car	Dr. P.J. Thakare
9	Nalanda Mohan Sawle 8483064957	Dielectric study of antiseptic liquid and its antibacterial properties against Corona Pandemic 2020	Prof. R.V. Salodkar
10	Neha Ramkumar Sachdeo 7709812032	Measuring the size of nanostructures using Light Scattering	Prof. R.V. Salodkar
11	Payal Maheshkumar Jeswani 7770032880	To study dielectric properties of plant seed oil.	Dr. S. B. Sawarkar
12	Payal Nanakram Adwani 9822595262	To study dielectric properties of fruits juice	Dr. S. B. Sawarkar
13	Pooja Gajanan Tharkar 9822692285	Design and construction of Solar Tracking system	Dr. J.V. Bhale
14	Prafulla Ashok Gawhad 9607041750	Ultrasonic study of rose water	Dr. P.J. Thakare
15	Punam Gajanan Gole 9767051686	To study dielectric properties of Vitamin tablets	Dr. J.V. Bhale
16	Samreen Firdous Mohd Zafar 9604649708	To study dielectric constant of solid material with temperature	Dr. P. J Thakare
17	Sanjivani Vitthal Wadatkar 8888059242	Design and implementation of solar power wireless battery charger	Dr. S. M. Palhade
18	Sarah Khan Ayyub Khan 9763814830	Synthesis and characterization of Cobalt doped Cadmium Oxide thin films	Dr.M.R.Belkhedkar
19	Sawood Nayyar Rashid Ullah Khan 9146201238	Estimation of vitamin content in fruits juices by using ultrasonic techniques	Dr.J.V.Bhale

  
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20	Sayali Dattatray Mahalle 7666500508	Ultrasonic sensor system for vehicle detection.	Dr. R. G. Korpe
21	Shraddha Manishkumar Upadhyay 9764797858	Synthesis and characterization of Zinc Borates thin films by chemical method	Dr.M.R.Belkhedkar
22	Shubham Parmeshwar Mali 7218840185	Design and construction of Evanescent wave based cladding modified optical biosensor for urea detection.	Dr.P.J.Thakare
23	Surekha Gopalrao Pakhare 7499389289	Growth of tissue equivalent TLD materials for personnel monitoring	Dr.R.G.Korpe
24	Swapnil Kailas Pawar 7798817597	Synthesis and characterization of ZnO nanoparticles	Dr.R.G.Korpe
25	Trupti Nandalal Bharate 9881368846	Solar Photovoltaic Tracking systems for electricity generation	Dr. J. V. Bhale
26	Tushar Samadhan Jadhao 9322381960	Synthesis and characterization of Calcium oxide nanoparticles and its optical properties	Dr. J. V. Bhale
	Vaibhav Santosh Kharode 7769821187	Synthesis of nanomaterials and its applications as giant magneto-resistance	Dr.M.R.Belkhedkar
28	Vaibhavi Himmatrao Khedkar 8411898708	Synthesis and characterization of MgO nanoparticles by orange waste through green method	Dr.M.R.Belkhedkar
29	Vidya Sharad Khumkar 9511283371	Ultrasonic study of some mouthwash liquid	Dr.S.B.Sawarkar

  
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SANT GADAGE BABA AMARAVATI UNIVERSITY, AMRAVATI  
SHRI SHIVAJI COLLEGE OF ARTS, COMMERCE & SCIENCE, AKOLA  
M. Sc. II – SEM IV Geoinformatics 2020-2021

Sr. No.	Name of Student	Project Allotted Topic
1	Ku.Mira Sunil Kale	To Study Of Land Use And Land Cover Of Chikhaldhara City, Maharashtra State By Using Remote Sensing (RS) And Geographic Information
2	Ku.Muktai Ramdas Kale	The Study Of Forest Zone Ambabarwa Sanctuary Melghat Tiger Reserve Using Remote Sensing And GIS
3	Ku. Rohini Anil Dhote	The Study Of Agricultural Soil Fertility Assessment Of Jalgaon Dist. With The Application Of Remote Sensing & GIS
4	Ku.Pooja Wasudeo Kakad	To Study Of Land Use Pattern Of Lonar Lake. Dist Buldhana, Maharashtra State Using RS. And GIS
5	Ku.Snehal Gajanan Sapkal	The Study Of Energy Services Paras Thermal Power Plant Using Remote Sensing And GIS
6	Ku.Gayatri Ashok Gawande	To Study Road Network Evolution In Murtijapur City, Maharashtra. By Using Remote Sensing And GIS
7	Ku.Sujata Pramod Dakhoie	Assessment Of Ground Water Potential
8	Ku. Ashwini Chandrakant Khadse	Water Resource Management
9	Ku.Chanchal Vilas Jadhao	Study Of Urban Planning In Akola City, Maharashtra State Using Remote Sensing And Geographic Informatics System
10	Ku.Shubhangi Anandrao Galat	The Study Of Agricultural Soil Fertility Assessment Of Akola District Using Remote Sensing And GIS
11	Ku.Vrushali Rajesh Shegokar	The Study Of Nagjhari Watershed Of Pedhi River Amravati, Maharashtra Using Remote Sensing GIS
12	Ku.Kalpna Sanjay Ghate	Vegetation to Using GIS
13	Ku.Mayuri Mohan Pawar	Disaster Managment To Using GIS
14	Ku.Ashwini Gajanan Pawar	The Study Of Assessment Of Ground Water Potential Zone Of Akola District Using Remote Sensing And GIS
15	Ku. Sneha Vijay Revaskar	To Study Of Land Use Pattern Of Patur , Dist Akola
16	Mr.Chetan Vijay Tipre	The Study Of Agricultural Soil Fertility Assessment Of Washim District Using Remote Sensing And GIS
17	Mr.Amitodhan Dhanraj Patode	The Study Of Morphometry Analysis Of Purna River In Akola District Using Remote Sensing And GIS
18	Ku.Deepali Vilas Asolkar	To Study Road Network Evolution In Balapur City, Maharashtra. By Using Remote Sensing And Geographic Information System
19	Ku.Vijayatai Ramesh Tikar	Role Of DBMS In GIS Architecture
20	Ku.Pooja Baburao Bajad	To Study Geographical Information System On Covid-19



*(Signature)*  
Principal  
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A Grade CGPA 3.24 by NAAC

*(Signature)*  
HOD

*(Signature)*  
Head  
Department of Geology  
Shri Shivaji College Of Arts,  
Commerce & Science, Akola.

# Shri Shivaji College of Arts, Commerce and Science, Akola


## Department of Chemistry

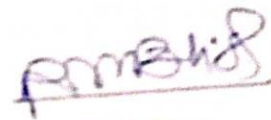
### Project List of M. Sc. II 2020-21

Sr. No.	Name of the Student	MSc Pass Out Year	Project Area	Name of the Supervisor	Project Title
1.	Rahat Firdous Mohammad Arif	2020-21	Analytical	Dr. G.W. Belsare	Analytical methods for the determination of natural pigments.
2.	Mayuri Shantaram Sable	2020-21	Organic Chemistry	Dr. Sharayu M. Thorat	A review study on comparative phytochemical analysis of leaf of Malvaceae family
3.	Pratiksha kishor Thakare	2020-21	Organic Chemistry	Dr. Sharayu M. Thorat	Production of light weight bricks on fly ash
4.	Aakanksha Pramod Pinjarkar	2020-21	Organic Chemistry	Mr.Nitin A. Deshmukh	Green Method to Synthesis the Silver Nanoparticle and its Application in Catalytic Degradation of the Organic Dyes.
5.	Anuprita Shivhari Hingne	2020-21	Organic Chemistry	Dr.Sharayu.M.thorat	A case study of bricks manufacturing at andura in akola district
6.	Nikita vinod Bhatkar	2020-21	Organic Chemistry	Dr. S. G. Badne	A review on :- Food Adulteration
7.	Rasika Dadarao Bhande	2020-21	Organic Chemistry	Dr. S. G. badne	Food adulteration
8.	Aditi Gulabrao Ganeshpure	2020-21	Organic Chemistry	Dr. Vandana Khobragade	Reviews of Study of Substituted Pyrazole and Pyrrole
9.	Pradnya Vitthalrao Mirage	2020-21	Inorganic chemistry	Dr.Abdul wajid	Synthesis and Characterization of Schiff base metal complexes
10.	Saurabh Eshwar Telgote	2020-21	Organic Chemistry	Dr. S.G Badne	Review on Synthetic methods and applications of Metal Organic Frameworks
11.	Taleya Fatema Firoz Ali Khan .	2020-21	Organic Chemistry .	Mr.M.A Pawar	Review on Synthetic methods and applications of MIL-101 frameworks.
12.	Mayuri Shantaram Sable	2020-21	Organic Chemistry	Dr. Sharayu M. Thorat	A review study on comparative phytochemical analysis of leaf of Malvaceae family
13.	Maheshwari Sanjay Sontakke	2020-21	Organic Chemistry	Dr. R. Bhadange	Review on organic chemistry book
14.	Akash Jitendra sardar	2020-21	Organic Chemistry	Dr.M.T.Sangole	Disposal of solid waste in akola district

15.	Keshav J Ghuge	2020-21	Organic Chemistry	Dr S.G. Badne Sir	A Review On Extraction & Determination Of Alkaloids
16.	Sana Afreen Mohammad Rafi Johri	2020-21	Organic Chemistry	Ms. Kanchan V. Kumbhalkar	A Review on Synthesis of Silver Nanoparticles by using Various Advance Methods and its Characterization.
17.	Vikas Sadashiv Pachpor	2020-21	Organic Chemistry	Dr M.T. Sangole	Survey on process of tyre retreading in Akola division
18.	Zubair Khan Dilawar Khan	2020-21	Organic synthesis	Mr.Zamir Shekh	Review on Cancer and Anticancer Drugs
19.	Nikita Pramod Wankhade	2020-21	Organic	Mr. M. A. Pawar	Organic frame work like ZIF8
20.	Aniket Sunil karale	2020-21	Organic	Dr A.V. Yadgire	Review on green synthesis of chalcone and its derivatives
21.	Ganesh Ramesh Bawane	2020-21	Organic chemistry	Dr. M.M. Mhasal	Literature Review on study of organic compounds and Metal Complex by pH Metrical
22.	Vaishnavi Rajkumar Pathrikar	2020-21	Organic chemistry	Dr.G.W. Belsare	Analytical Method For The Determination Of Water Soluble Vitamins A Review
23.	Ku Komal Sudarshan Pote	2020-21	Inorganic chemistry (Material chemistry)	Ms. Anuja M. Mopari	Review on Synthesis Surface Functional Strategies and Application of Iron Oxides Nanoparticles
24.	Kirti Gajanan Dofekar	2020-21	Organic chemistry	Ms. R.D. Bankar	A review on steroids and hormones
25.	Rahat Firdous Mohammad Arif	2020-21	Analytical chemistry	Dr. G.W. Belsare	Analytical methods for the determination of natural pigments.
26.	Shubham Murlidhar Gawande	2020-21	Analytical chemistry	S. S. Kadu Mam	Development of Solvent System for Trizophos Pesticides by Thin - Layer Chromatography
27.	Anam Fatema Altaf khan	2020-21	Organic chemistry	Dr. Dewal S. Deshmukh	Review on Microwave assisted C-H bond activation reactions
28.	Rushikesh Satishrao Deshmukh	2020-21	Organic chemistry	Dr. Dewal Deshmukh	Ruthenium-Catalyzed Annulation of N-Cbz Hydrazones for Synthesis of Isoquinolines
29.	Ganesh Arun Ingle	2020-21	Organic chemistry	Dr. S. S Kadu	Review on Synthetic methods and applications of mil-100 metal organic frame work
	Shubham Murlidhar Gawande	2020-21	Organic Chemistry	Dr. S. S Kadu	Development of Solvent System for Trizophos Pesticide By Thin - Layer Chromatography
	Mohammad Junaid Mohammad Akhtar	2020-21	Organic Chemistry	Mr. Nitin Deshmukh	Azo Dyes: Preparation Via Environmentally Way
	Namrata Govind Rahate	2020-21	Inorganic chemistry	Dr. G.V Korpe	Water Analysis
	Somesh Devidas Khelkar	2020-21	Organic Chemistry	Dr. S. S Kadu	Review on synthetic method and applications of MIL-125 metal organic frameworks
	Pavan Rajesh Kolkar	2020-21	Organic chemistry	Dr. S. S Kadu	Review on synthetic method and application of MIL-53 metal

					organic framework.
	Samiksha Dinesh Borde	2020-21	Analytical chemistry	Dr. G W. Belsare	Analytical method for the determination of heavy metal
	Monika Sunil Wadkar	2020-21	Organic Chemistry	Dr. A. V. Yadgire	Review on Role of Microwave in Carbohydrate Chemistry

  
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X   
**PRINCIPAL**  
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 A GRADE C. CPA, 1.005 / NAAC



**SHRI SHIVAJI COLLEGE OF ARTS, COMMERCE AND SCIENCE, AKOLA**  
**POST GRADUATE DEPARTMENT OF BOTANY**

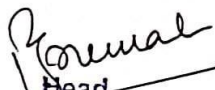
**SESSION 2020-21**


**M. Sc. II SEM – IV**

**PROJECT LIST**

S.N	Name of Student	Dissertation Title	Name of Guide
1	Adarsh S. Damodar	Review on seed borne fungal disease found on some fruit vegetable	Dr. V.S. Patil
2	Arjumand Afreen	Survey of some food and fodder plants growing in Akot region	Mr. N.B Choukhande
3	Ashwini K. Fursule	Preliminary survey of some Immunity booster from PDKV region	Dr. R.N. Patil
4	Bhagyashri Bhambere	Review of Ornamental Plants in Akola region	Dr. P.P Umale
5	Dnyaneshwar Borokar	A Concise review on properties on Accanthaceae Family member found in Buldhana	Dr. D.K. Koche
6	Geeta J. Wagh	Reviewing phytochemical composition of Acanthaceae member found in Akola District	Dr. D.K. Koche
7	Hafsa Nausheen	Survey of Some wild Angiospermic plants collected from Balapur region	Dr. V.S Patil
8	Huzefa Firdous	A. Review on Phytochemical Profiling of Family Rubiaceae.	Dr. A. V. Oke
9	Kajal N. Patkar	A Survey of wild plant in Akot region with morphology & uses.	Mr. N.B Choukhande
10	Kalyani G. kaware	Review – Need of Non- Conventional forage plants and their Production.	Mr. S.A Rathod
11	Kalyani S. Deshmukh	Review of fungal diseases on medicinal plants from Akola	Dr.V.S Patil
12	Megha V. Wagh	Review of survival analysis of Wheat germination data	Dr. P. D. Deshmukh
13	Mohd. Abubakar	Survey of medicinal plant from Khamgaon Taluka District Buldhana	Dr. D.K. Koche
14	Monika Walchale	Preliminary survey of plants used to cure child diseases from Akot region	Mr. N.B Choukhande
15	Munsifa Anam	Phycological study of some natural water reservoir near karepurna wildlife Sanctuary.	Dr. P. D. Deshmukh
16	Neha Janjal	Review of different types of fungi at various Holyplaces.	Dr. R.N. Patil
17	Nikita S. Dahibhat	A Review – Potential of Underutilized Legume sword Bean <i>Canavalia gladiata</i>	Mr. S.A Rathod

18	Poonam D. Landage	Preliminary survey of Hebeaceous medicinal plants.	Dr. P. D. Deshmukh
19	Pracheta H. Sudke	A Review on Secondary Metabolites of Family Rutaceae	Dr. Anand Oke
20	Rohit R. Gandhi	A Review on Metabolic composition of Family Rutaceae	Dr. Anand Oke
21	Sagar R. Bunde	Priliminary survey of Avenue plants from Akot Taluka	Dr. P.P Umale
22	Vaishali J. Marodkar	A Review Bio fertilizer Type and their effect on Agriculture	Mr. S.A Rathod
23	Vaishnavi G. Pagrut	A Review of fungal infection on different fruits.	Dr. R.N. Patil

  
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Shri Shivaji College of Arts, Commerce and Science, Akola

Department of Zoology


M. Sc. II Sem IV 2020-2021


Project Students

Sr No	Name of Students	Project Title	Name of Guide
1.	Harshal Bais	Bird diversity in and around Akola city	Dr P. P. Ade
2.	Ku Monika Rathod	Butterflies Diversity in Patur Region	Dr P. P. Ade
3.	Ku Bhavana Khade	WORLD OF LITTLE SURVIVORS	Dr P. P. Ade
4.	Ku Pallavi Fuke	Spider Diversity in Agroecosystem of Chambhai region Tq.Mangrulpir District.Washim	Dr P. P. Ade
5.	Ku Monali Sonone	Assessment of Adulteration found in scheme milk samples collected from Akola city	Dr H. P. Sapkal
6.	Syeda Azalfa	<u>Importance of milk</u>	Dr H. P. Sapkal
7.	Naziya Khan	Study of Diversity of Ant from Akola city	Dr H. P. Sapkal
8.	Ku Pallavi Shete	Review of Analysis of biochemical parameters in Iron Deficient Anaemic Population from Akola city: A Hospital Based Study	Dr U. P. Lande
9.	Ku Priyanka Nagpulkar	Gut content analysis of wallago attu and Sperata seenghala	Dr U. P. Lande
10.	Saziya Khanum	A review of study on diversity of mosquito species from Akola region of Maharashtra.	Dr U. P. Lande
11.	Amreen Saher Abdul	A review work of Diversity of Beetles in Dr.P.D.K.V.,Akola(Maharashtra)	Dr T. G. Deshmukh
12.	Naved Ullah Khan	Review work on Fish Diversity Of Kapshi Lake Kapshi, Dist.Akola (Maharashtra)	Dr T. G. Deshmukh
13.	Ku Rashmi Wavare	Review work on Fish Diversity Of Nalganga Dam in District Buldhana (Maharashtra)	Dr T. G. Deshmukh
14.	Ku Pragati Ugale	To Examine changes in channa punctatus due to chronic starvation	Dr S. V. Gawande



15.	Ku Anuja Shete	Examination of Peripheral Blood Smear in Iron Deficient Anemic Population in Akola	Dr S. V. Gawande
16.	Ku Ruchita Girhe	Study of Pest of Gram	Dr S. V. Gawande
17.	Ku Tejaswi Raut	Review Work on Preliminary study on diversity of coleopteran fauna From Katepurna region, District Akola, Maharashtra, India	Dr P. M. Ramteke
18.	Akshay Harné	Review Work On Diversity of Moths (Lepidoptera: Heterocera) and their Potential role as a conservation tool in protected areas of Katepurna wildlife Sanctuary of Akola (M.S.)	Dr P. M. Ramteke
19.	Ku Rupali Jalambe	Review Work on distribution and diversity of hemiptera Fauna of katepurna wildlife sanctuary, akola district, Maharashtra, india	Dr P. M. Ramteke
20.	Ku Shital Mhaske	Enlisting the spiders of Jalgoan District	Dr A. R. Rajoria
21.	Ku Puja Chabuswar	--	--
22.	Ku Hindavi Rathod	Enlisting the spiders of Washim District	Dr A. R. Rajoria

  
 Head  
 Department of Zoology  
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


Shri Shivaji College of Arts , Commerce and Science, Akola

Department of Biochemistry

List of students who successfully submitted their dissertations to department of Biochemistry, 2020-2021

Sr. No.	Program Name	Program Code	Name of the course that include experimental learning through Project work/Field work/ Internship	Course code	Year of offering	Name of the student who studied experimental learning through Project work/Field work/ Internship
1.	M.Sc. Biochemistry	Lab - VIII	Dissertation	3008	2020-21	Anuradha Ghoral
2.	M.Sc. Biochemistry	Lab - VIII	Dissertation	3008	2020-21	Ashwini pandav
3.	M.Sc. Biochemistry	Lab - VIII	Dissertation	3008	2020-21	Mayur Girhe
4.	M.Sc. Biochemistry	Lab - VIII	Dissertation	3008	2020-21	Deepali Gajbhiye
5.	M.Sc. Biochemistry	Lab - VIII	Dissertation	3008	2020-21	Diksha Bhilange
6.	M.Sc. Biochemistry	Lab - VIII	Dissertation	3008	2020-21	Mohan Duratkar
7.	M.Sc. Biochemistry	Lab - VIII	Dissertation	3008	2020-21	Faiqa Samin
8.	M.Sc. Biochemistry	Lab - VIII	Dissertation	3008	2020-21	Kalyani Vikhe
9.	M.Sc. Biochemistry	Lab - VIII	Dissertation	3008	2020-21	Khooshabu Ali
10.	M.Sc. Biochemistry	Lab - VIII	Dissertation	3008	2020-21	Lumbini Sane
11.	M.Sc. Biochemistry	Lab - VIII	Dissertation	3008	2020-21	Madhu Nihalani
12.	M.Sc. Biochemistry	Lab - VIII	Dissertation	3008	2020-21	Meera Thakre
13.	M.Sc. Biochemistry	Lab - VIII	Dissertation	3008	2020-21	Pratik Kathalkar
14.	M.Sc. Biochemistry	Lab - VIII	Dissertation	3008	2020-21	Payal Bhagwat
15.	M.Sc. Biochemistry	Lab - VIII	Dissertation	3008	2020-21	Prashika Wankhade
16.	M.Sc. Biochemistry	Lab - VIII	Dissertation	3008	2020-21	Shailesh Gawali
17.	M.Sc. Biochemistry	Lab - VIII	Dissertation	3008	2020-21	Punam Chopade
18.	M.Sc. Biochemistry	Lab - VIII	Dissertation	3008	2020-21	Mrunal Sonavane
19.	M.Sc. Biochemistry	Lab - VIII	Dissertation	3008	2020-21	Sadiya Farzana
20.	M.Sc. Biochemistry	Lab - VIII	Dissertation	3008	2020-21	Sayali Kolhe
21.	M.Sc. Biochemistry	Lab - VIII	Dissertation	3008	2020-21	Rupesh Paulzagade



HEAD

Department of Biochemistry

Shri Shivaji College of Arts

Commerce & Science, Akola

DEC. 2021

22.	M.Sc. Biochemistry	Lab - VIII	Dissertation	3008	2020-21	Shraddha dhoot
23.	M.Sc. Biochemistry	Lab - VIII	Dissertation	3008	2020-21	Shraddha Mendhe
24.	M.Sc. Biochemistry	Lab - VIII	Dissertation	3008	2020-21	Shubhangi Sultane
25.	M.Sc. Biochemistry	Lab - VIII	Dissertation	3008	2020-21	Snehal Rathod
26.	M.Sc. Biochemistry	Lab - VIII	Dissertation	3008	2020-21	Vaishnavi Dhote
27.	M.Sc. Biochemistry	Lab - VIII	Dissertation	3008	2020-21	Vidhya Gawande



**HEAD**  
 Department of Biochemistry  
 Shri Shivaji College of Arts  
 Commerce & Science, AKOLA  
 A GRADE C.G.P.A. 3.24 BY NAAC

Shri Shivaji College Of Arts, Comm.,& Science, Akola.

DEPARTMENT OF PSYCHOLOGY

DESERTATION LIST 2020-21

Sr No.	NAME OF STUDENT	NAME OF DESERTATION TOPIC
1	Madhavi Mahesh Thoke	Measuring Depression Of Small Businessmen In Corona Period
2	Swatee Vitthalrao Lande	Measuring Depression Of Corona Affected Patitents A Psychological Study
3	Rohini Kiran Thokal	Psychological Study Of Womens Mental Health
4	Rohini Ramkrushna Khanderao	Psychological Studyof Men & Marital Adjustment
5	Rutumbhara Shirish Dhotre	Stress Measurement Of Government Employee
6	Pravin Gajanan Dhande	Stress Measurement Of Government And Private Hospital Employee In Corona Period
7	Nitesh Kishor Tayde	Psychological Study Of Teacher Mental Health
8	Nandini Gajanan Chatarkar	The Effect Of Therapist Expertise And Concern Of Involuntary Hospitalization On The Disclosure Of Suicidal Ideation And Hospitalization On The Disclosure Of Suicidal Ideation And Behaviour
9	Krutika Prakash Kale	
10	Kanhopatra Vishvanath Thokal	Mental Health Study Of Women Who Are Facing Problem Of Family Dissolution.
11	Kalyani Vitthalrao Tekade	Stress Measurement Of Police Employee
12	Neha Raju Ghondhalekar	Stress Measurement Of Nursess Of Government Hospital In Akola City
13	Ravindra Kashiram Tayde	Stress Measurement Of Government Employee In Corona Period

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*[Handwritten Signature]*

**Principal**

Shri Shivaji College of Arts,  
Commerce & Science, AKOLA  
Accredited C.GPA.3.24 by NAAC



**SHRI SHIAVJI COLLEGE OF ARTS, COMMERCE & SCIENCE, AKOLA**  
**Department of Hindi**  
Educational Tour 14<sup>th</sup> Dec.2020

As per the directions from Sant Gadge Baba Amravati University Amravati it is very compulsory to take apart for the event regional educational tour for B.A. Part-1 students belongs to Hindi subject it is very important for all students of B.A. Part-1 because 5 Marks scores may be added to your Assignment. that's why our regional educational tour is planned for Punjabrao Deshmukh Krushi Vidyapeeth, Akola for educate you with different types of agro products crops Cattles and many more things. It is arranged below a proper guidance of Honourable Principal Dr.R.M Bhise Sir and Number of (22) Students Participate for regional educational Tour

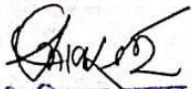


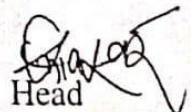


Shri Shivaji College of Arts, Commerce & Science, Akola  
Department of Hindi  
 Educational Tour  
 Session-2020

Date-14-12-2020

Sr. No	Name of Student	Class	Sign.
1.	Manisha Chakranarayan	B.A.I	M.Chakranarayan
2.	Jaya Chakranarayan	B.A.I	Jaya Chakranarayan
3.	Dipali Chakranarayan	B.A.I	Dipali Chakranarayan
4.	Dipali Umale	B.A.I	Dipali Umale
5.	Muskan Qureshi	B.A.I	Muskan Qureshi
6.	Tarnnum Mehmood Sk	B.A.I	Tarnnum Mehmood Sk
7.	Nilofar Mehmood Sk	B.A.I	Nilofar Mehmood Sk
8.	Ragini Khodwe	B.A.I	Ragini Khodwe
9.	Rachana Bundele	B.A.I	Rachana Bundele
10.	Nandini Mankar	B.A.I	Nandini Mankar
11.	Srutu Mankar	B.A.I	Srutu Mankar
12.	Shireen Aamir Khan	B.A.I	Shireen Aamir Khan
13.	Krushna Mankar	B.A.I	Krushna Mankar
14.	Mayuri Murai	B.A.I	Mayuri Murai
15.	Shubham Bondre	B.A.I	Shubham Bondre
16.	Sk Samir Nourangabadi	B.A.I	Sk Samir Nourangabadi
17.	Karishma Kharare	B.A.I	Karishma Kharare
18.	Jamir Beniware	B.A.I	Jamir Beniware
19.	Hasan Sk Munniwale	B.A.I	Hasan Sk Munniwale
20.	Vaishali Tiwari	B.A.I	Vaishali Tiwari
21.	Hrutik Dubey	B.A.I	Hrutik Dubey
22.	Aakash Kale	B.A.I	Aakash Kale
23.	Prof.S.N.Mawaskar HOD	Teacher	Prof.S.N.Mawaskar
24.	Prof.Dhirajsingh Thakur (Asis..Professor)	Teacher	Prof.Dhirajsingh Thakur
25.	Prof.Rajkanya Bhagat (Asis..Professor)	Teacher	Prof.Rajkanya Bhagat

  
 हिन्दी विभाग प्रमुख  
 श्री शिवाजी महाविद्यालय, अकोला

  
 Head  
 Department of Hindi  
 श्री शिवाजी महाविद्यालय, अकोला

**Shri Shivaji College of Arts, Commerce and Science, Akola**  
**[Dept of Electronics]**

**List of the students visited the National Winner Robotics Model and its Team with Guides at  
Manutai Kanya School on 3<sup>rd</sup> March 2020**

<b>SN</b>	<b>Name of the Students</b>
1	Mukta B Dose
2	Nikita Ganesh Lole
3	Nikita Manikarao Nikole
4	Poonam Gajanan Agarkar
5	Pragati Suhas Khole
6	Pratiksha Suresh Pohare
7	Shravasti Satish Dhande
8	Snehal Gajanan Deshmukh
9	Vaishanavi Prabhakar Shegokar
10	Kunal Sanjay Shegokar
11	Megha Santosh Bothe
12	Md Firoz Md Shahid Siddiqui
13	Nainesh Gopalrao Iche
14	Nikhath Shirin M Sohel Pasha
15	Nikhil Vijay Deshmukh
16	Rameshwar Narendra Asolkar
17	Rohan Namonarayan Pandey
18	Rushikesh Bhimrao Ghate
19	Rushikesh Sanjay Gawande
20	Sagar Pramod Bodale
21	Samiksha Mahajan
22	Saurabh Sanjay Dhore
23	Shashank Gajanan Raut
24	Shubham Kashiram Sarkate
25	Sneha Laxman Surjuse
26	Sneha Ramkinkar Tiwari
27	Sopan Shubash Dhaye
28	Swati Ravindra Kale
29	Syed Mateen Syed Lateef Syed
30	Umesh Tejab Borkar
31	Vaibhav Umashankar Mishra
32	Vicky Vijay Kawale
33	Vivek Yuvraj Pradhan
34	Yogesh Nilkanth Sonone



### Visit to National Winner Robotics Model and its Team with Guides

On 3<sup>rd</sup> March 2020 as a part of curriculum of B.Sc. III S-VI Electronics, under Industrial Visit the final year students were taken to Manutai Kanya School where the work on National Level Winner Robotics Model is going on to participate in International Level Robotics Championship in USA in Apr 2020. The project was done by the 10 school going girls under the able Guidance of Ms. Kajal Rajvaidya, Director KITS, Mr. Arjun and Mr. Vijay Bhattad.

The final year students have seen the project (Live Model) and had healthy discussion with the Team and their Guides. On the occasion Ms. Kajal Rajvaidya and Mr. Vijay Bhattad guided the students about the future trend and the scope for Electronics.

It was really a nice experience for all the students that they came to know many things about the ROBOTICS about which they were really unknown.

