



SATPUDA EDUCATION SOCIETY, JALGAON JAMOD'S

Arts & Commerce College

Warwat Bakal Tq. Sangrampur Dist - Buldhana (M.S.)

NAAC Reaccredited with 'B' Grade

- Principal -
Dr. Shriram Yerankar
M.A., M.Phil, Ph.D.
9423722316

College Code : 327

- President -
Shri. Krushnarao Ingle
(Ex. M.L.A.)
07266-221449

Website : www.acscwb.co.in

E-mail : 327accwb@gmail.com

Criterion II: Teaching- Learning and Evaluation

2.3. Teaching- Learning Process

Session-2023-24

Supporting Documents

Metric No.	Sr. No.	Content / File Description	Document Link
2.3.1.	A	Students' centric methods, such as experiential learning, participative learning & problem-solving methodologies are used for enhancing learning experiences.	



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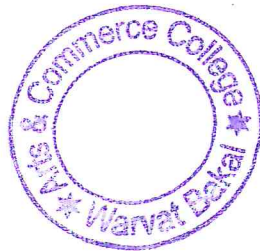
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CERTIFICATE

This is to certify that the documents attached as supporting documents for Criterion II: Teaching, Learning and Evaluation are verified from the college record and found to be correct to the best of my knowledge.



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Warwat Bakal Dist. Buldhana

In line with our vision of fostering active engagement, critical thinking, and holistic development, we have incorporated student-centric methodologies such as experiential learning, participative learning, and problem-solving techniques across our curriculum. Our curriculum integrates experiential learning through industry internships, field-based research projects, and live case studies. Students are encouraged to apply theoretical knowledge in real-world contexts, allowing them to gain practical skills and real-time feedback. We organize regular group discussions, collaborative assignments, and student-led seminars where students take the initiative in learning and teaching their peers, ensuring a participative approach to knowledge creation.

Problem-solving methodologies are an integral part of our teaching approach. Through case studies, simulations, and interactive problem-solving sessions, students are encouraged to analyze complex problems, propose solutions, and critically assess outcomes.

Environmental Science course, students participate in a real-world project where they assess the impact of pollution on local ecosystems. They collect data, analyze it, and present their findings to the local community, thereby gaining hands-on experience. We use a combination of peer assessments, presentations, and practical projects to evaluate student learning. Regular feedback from students is taken through surveys, focus groups, and one-on-one meetings to continuously refine our teaching strategies. As a result of these methods, we have observed a marked improvement in critical thinking, problem-solving, and collaboration skills among students. Our recent graduate surveys indicate that 90% of students feel well-prepared for industry challenges due to the experiential and participative approaches in our curriculum.




Principal
Arts & Commerce College
Warvat Bakal Dist. Buldana

Sant Gadge Baba Amravati University, Amravati
Arts & Commerce College, Warwat Bakal, Tq. Sangrampur
Dist. Buldana-444202
Department of Chemistry

Submission Topics
B.Sc III (Sem.VI) Summer-2024

Sr.No.	Name of students	Seminar Topic	Project Topic
01	Ku. Chaitanya Shankar Kshirsagar	Reactions of Coordination Compounds (SN¹ & SN²)	Estimation of Vitamin-C
02	Ku. Shivani Vijay Gomase		
03	Ku. Sakshi Baban Gore		
04	Ku. Kalpana Vishnu Khumkar		
05	Ku. Vaishnavi Ravindra Raut		
06	Ku. Nikita Ramnarayan Chitode	Laws of Light Absorption	Hydrogen Fuel/Biodiesel
07	Ku. Vaishnavi Ambadas Wankhade		
08	Ku. Kanchan Ganesh Kaulkar		
09	Ku. Vaishali Gajanan Rojarkar		
10	Ku. Mayuri Samadhan Wankhade		
11	Ku. Sakshi Gajanan Bhonde	Organometallic Compounds	To study potentiometric titration of KCl & AgNO₃
12	Ku. Punam Sanjay Gavhal		
13	Himanshu Bhaskar Usarekar		
14	Vipul Ashok Damdhar		
15	Ajay Haridas Dhage		
16	Ku. Tejaswini Punjaji Kothalkar	Silicon polymers	To determine pH of a soil sample by pH meter
17	Avinash Ashok Raundale		
18	Ku. Nikita Rameshwar Gayaki		
19	Yogesh Gajanan Gadde		
20	Adesh Vasant Rao Chapke		
21	Rameshwar Shankar Gayakwad	Modern UV-Visible spectrophotometer	To determine hardness of water in different villages
22	Sagar Vijay Bhagat		
23	Ku. Gauri Sunil Shete		
24	Shaikh Shoaib Shaikh Murtuza		
25	Ku. Radhika Suresh Dhage		
26	Suyog Arun Kshirsagar	Role of Essential & Non-essential elements in biological process	Role of Chemistry in fertilizer
27	Sharad Ganpat Hage		
28	Vivek Sudhakar Bhende		
29	Ku. Kajal Manik Wagh		
30	Ku. Abhilasha Anil Vakhare		
31	Ku. Uma Triambak Joshi	Modern UV-Visible spectrophotometer Chemical shift	Study of some oil seeds
32	Ku. Sharda Baliram Bavaskar		
33	Abuzar Khan Akbar Khan		
34	Shrijit Rao Vilas Rao Deshmukh		
35	Ku. Sonal Jagdish Wadalkar		
36	Ku. Rupali Mahadeo Dhurde	Raman Spectroscopy	Role of Macrocyclic ligands in human being
37	Ku. Vaishnavi Vitthal Punde		
38	Ku. Vaishnavi Vidyadhar Dhawale		
39	Nikhil Raju Takalkar		
40	Vinay Shrikrushna Mahale		
41	Pratik Shridhar Ravankar	Fundamental particles of nucleus	Determination of iodine value of oil
42	Roshan Rudrarao Tayade		
43	Mayur Shaligram Khirrodkar		
44	Vishal Vaman Belokar		
45	Ku. Pratiksha Narayan Tumbade		

Sant Gadge Baba Amravati University, Amravati
Arts & Commerce College, Warwat Bakal,
Department of Chemistry
Submission Topics
B.Sc III (Sem.V) Winter-2023

Sr.No.	Name of students	Seminar Topic	Project Topic
01	Ku. Chaitanya Shankar Kshirsagar	Werner's Theory of Coordination	Role of drugs in Human being
02	Ku. Shivani Vijay Gomase		
03	Ku. Sakshi Baban Gore		
04	Ku. Kalpana Vishnu Khumkar		
05	Ku. Vaishnavi Ravindra Raut		
06	Ku. Nikita Ramnarayan Chitode	Crystal Field Stabilization Energy (CFSE)	Scope of nanoparticle in Green Chemistry
07	Ku. Vaishnavi Ambadas Wankhade		
08	Ku. Kanchan Ganesh Kaulkar		
09	Ku. Vaishali Gajanan Rojatkhar		
10	Ku. Mayuri Samadhan Wankhade		
11	Ku. Sakshi Gajanan Bhonde	Organometallic Compounds	Recycling of waste polymer
12	Ku. Punam Sanjay Gavhal		
13	Himanshu Bhaskar Usarekar		
14	Vipul Ashok Damdhar		
15	Ajay Haridas Dhage		
16	Ku. Tejaswini Punjaji Kothalkar	Role of Drugs in Living things	Role of Solar energy
17	Avinash Ashok Raundale		
18	Ku. Nikita Rameshwar Gayaki		
19	Yogesh Gajanan Gadde		
20	Adesh Vasantrao Chapke		
21	Rameshwar Shankar Gayakwad	Modern UV-Visible spectrophotometer	Role of Ozone Layer
22	Sagar Vijay Bhagat		
23	Ku. Gauri Sunil Shete		
24	Shaikh Shoeb Shaikh Murtuza		
25	Ku. Radhika Suresh Dhage		
26	Suyog Arun Kshirsagar	Photosensitized Reaction	Role of Chemistry in fertilizer
27	Sharad Ganpat Hage		
28	Vivek Sudhakar Bhende		
29	Ku. Kajal Manik Wagh		
30	Ku. Abhilasha Anil Vakhare		
31	Ku. Uma Triambak Joshi	Raman Spectroscopy	Factor affecting the Water pollution
32	Ku. Sharda Baliram Bavaskar		
33	Abuzar Khan Akbar Khan		
34	Shrijitrao Vilasrao Deshmukh		
35	Ku. Sonal Jagdish Wadalkar		
36	Ku. Rupali Mahadeo Dhurde	Valence Bond Theory of Transition Metal Complexes	Role of Macrocyclic ligands in human being
37	Ku. Vaishnavi Vitthal Punde		
38	Ku. Vaishnavi Vidyadhar Dhawale		
39	Nikhil Raju Takalkar		
40	Vinay Shrikrushna Mahale		
41	Pratik Shridhar Ravankar	Crystal Violet & Anthraquinone Dyes	Hydrogen Fuel/Biodiesel
42	Roshan Rudrarao Tayade		
43	Mayur Shaligram Khirodkar		
44	Vishal Vaman Belokar		
45	Ku. Pratiksha Narayan Tumbade		

SANT GADGE BABA AMARAVATI UNIVERSITY AMARAVATI

Satpuda Education Society Jalgaon Jamod

Arts & Commerce College Warwat Bakal Sangrampur

Department of Chemistry

Seminar Topic Class- B.Sc. II Sem (III) Winter 2023

Sr. No.	Name of Student	Seminar Topic
1	KU. NEHA GOVARDHAN KHANDERAO	NOBLES GASES
2	KU. KISHORI PANDURANG SOLANKE	
3	KU. APARNA DANYANESHWAR RAJUSKAR	
4	SWAPNIL HIMMAT MUNDE	
5	KU. TANAYA SANTOSH CHAVAN	
6	MAZIYA KHANAM NASIM KHAN	
7	AALIYA BAKHTIYAR AZHAR ALI	
8	ZEBA FARHEEN SHAIKH TKRAM	
9	MAHEK TASNEEM SHAIKH RAZIQUE	
10	KU. SHITAL GAJANAN WAGH	
11	KU. SNEHA ASHOK BHONGARE	GENERAL PRINCIPLES OF METALLURGY
12	KU. ANURADHA GANESH MESARE	
13	ABHISHEK SARANGDHAR SAKHARE	
14	KU. DIPALI GAJANAN ADHAO	
15	KU. POOJA GAJANAN RAKHONDE	
16	KU. PAYAL SUNIL KANDARKAR	
17	SHARAFAT RASHAD ALI	
18	RAJVEER SONAJI SOLANKE	
19	KU. GAYATRI RAJESH SADAFAL	
20	KU. VRUSHALI YASHVANT UGALKAR	
21	KU. GAURI SANJAY KALAMKAR	INNER TRANSITION ELEMENTS
22	KU. SAKSHI GAJANAN KHOPALE	
23	KU. ARPITA RAVINDRA SUKE	
24	KU. SAKSHI DADARAO WANKHADE	
25	KU. NUTAN GAJANAN BHATKAR	
26	KU. SANJANA JAGANNATH GAVHANDE	
27	KU. VINAYA MAHADEV BHAMADRE	
28	KU. PUNAM NIRANJAN TAYADE	
29	KU. ARPITA MUKESH KEDAR	
30	KU. SHIVANI SHRIKRUSHNA MHASAL	
31	SAGAR SHALIGRAM HAGE	EXTRACTION OF ELEMENTS
32	KU. NIKITA DNYANESHWAR TARALE	
33	KU. DIPALI VINOD BHIVATE	
34	SHRIQUE KHAN SHAHADAT KHAN	
35	KU. GAYATRI PRALHAD DHAGE	

36	KU. ASHWINI SUBHASH MORKHADE	
37	KESHAV SHATRUGHAN TIJARE	
38	TEJAS SANTOSH SONONE	
39	PRASAD GAJANAN INGLE	
40	AKASH SUDHAKAR ZAMARE	
41	PRASHANT MADHUKAR PANHERKAR	SOAP & DETERGENTS
42	PRASHANT MAHADEV SAPKAL	
43	KU. KALYANI SANTOSHRAO HAGE	
44	KU. SHIVANI DILIP BODADE	
45	KU. NAINA VILAS SONONE	
46	DIPAK VINAYAK RAUT	
47	NIVRUTI ANKUSH KALE	
48	KU. NIKITA VISHNU CHAUDHARI	
49	KU. RUTUJA WASUDEO RAJANKAR	
50	ABHISHEK NANDKISHOR BAVASKAR	
51	RUSHIKESH BHAGWANTRAO BAKAL	AROMATIC NITRO COMPOUNDS
52	KUNAL VINOD KALAMKAR	
53	ANIKET SUBHASH WANKHADE	
54	GAURAV RAMESHWAR BHAGAT	
55	SHAHZAD KHAN MOHAMMAD KHAN	
56	SHAIKH SARIK SHAIKH SHAKIL	
57	KU. SNEHAL PRAMOD WANKHADE	
58	NAVIN HARIBHAU TAYADE	
59	ABHISHEK KAILAS THAKARE	
60	YASH DILIP AMBUSKAR	
61	SHREYASH MOHAN KATOLE	CARBOHYDRATES
62	ADITYA RAJENDRA MHASAL	
63	RISHIKESH SHARDUL NIMGARE	
64	ABHIJIT SHESHRAO WANKHADE	
65	PRATHAMESH DINESH THOKANE	
66	KU. SAKSHI PRALHAD ASWAR	
67	ROHIT WASUDEO MAHULKAR	
68	PARIKSHIT SHIVAJI SAMBHARE	
69	HRUSHIKESH MANOHAR BHAD	
70	KU. ARATI RAJU MAKODE	
71	KU. SHRAVANI DEVENDRA BIHADE	AMINO ACIDS AND PROTEINS
72	KU. SUJATA SANTOSH BHIVATE	
73	YASH PURUSHOTTAM TAKALKAR	
74	PRANAV SANJAY SATAV	
75	SANKET PRALHAD TAKALKAR	
76	KU. POOJA UKARDA KURWALE	
77	KU. BHAVANA BHARAT DANDGE	
78	KU. MEGHA RAJESH UMALE	
79	KU. SAKSHI GAJANAN INGLE	
80	KU. GAYTRI MOHAN GAWANDE	
81	KU. SAKSHI RAMESH IGHOKAR	PHOTOCHEMISTRY
82	KU. PUNAM PRABHAKAR CHAUKHANDE	
83	KU. VAISHALI PRASHANT SHENDE	

84	KU. RASHIKA PRAMOD IGHOKAR	
85	KU. GAURI RAMESHWAR GAWANDE	
86	TEJESH PRALHAD RAUNDALE	
87	KU. KIRTI DAYARAM WAGH	

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Arts & Commerce College Warwat Bakal Sangrampur

Department of Chemistry

CLASS- B.SC. II SEM (III) WINTER 2023 SEMINAR TOPIC

Sr. No.	Name of Student	Seminar Topic
1	KU. NEHA GOVARDHAN KHANDERAO	VOLUMETRIC ANALYSIS
2	KU. KISHORI PANDURANG SOLANKE	
3	KU. APARNA DANYANESHWAR RAJUSKAR	
4	SWAPNIL HIMMAT MUNDE	
5	KU. TANAYA SANTOSH CHAVAN	
6	MAZIYA KHANAM NASIM KHAN	
7	AALIYA BAKHTIYAR AZHAR ALI	
8	ZEBE FARHEEN SHAIKH TKRAM	
9	MAHEK TASNEEM SHAIKH RAZIQUE	
10	KU. SHITAL GAJANAN WAGH	
11	KU. SNEHA ASHOK BHONGARE	GRAVIMETRIC ANALYSIS
12	KU. ANURADHA GANESH MESARE	
13	ABHISHEK SARANGDHAR SAKHARE	
14	KU. DIPALI GAJANAN ADHAO	
15	KU. POOJA GAJANAN RAKHONDE	
16	KU. PAYAL SUNIL KANDARKAR	
17	SHARAFAT RASHAD ALI	
18	RAJVEER SONAJI SOLANKE	
19	KU. GAYATRI RAJESH SADAFALÉ	
20	KU. VRUSHALI YASHVANT UGALKAR	
21	KU. GAURI SANJAY KALAMKAR	P- BLOCK ELEMENTS
22	KU. SAKSHI GAJANAN KHOPALE	
23	KU. ARPITA RAVINDRA SUKE	
24	KU. SAKSHI DADARAO WANKHADE	
25	KU. NUTAN GAJANAN BHATKAR	
26	KU. SANJANA JAGANNATH GAVHANDE	
27	KU. VINAYA MAHADEV BHAMADRE	
28	KU. PUNAM NIRANJAN TAYADE	
29	KU. ARPITA MUKESH KEDAR	
30	KU. SHIVANI SHRIKRUSHNA MHASAL	
31	SAGAR SHALIGRAM HAGE	CHEMISTRY OF TRANSITION ELEMENTS
32	KU. NIKITA DNYANESHWAR TARALE	
33	KU. DIPALI VINOD BHIVATE	

34	SHRIQUE KHAN SHAHADAT KHAN	
35	KU. GAYATRI PRALHAD DHAGE	
36	KU. ASHWINI SUBHASH MORKHADE	
37	KESHAV SHATRUGHAN TIJARE	
38	TEJAS SANTOSH SONONE	
39	PRASAD GAJANAN INGLE	
40	AKASH SUDHAKAR ZAMARE	
41	PRASHANT MADHUKAR PANHERKAR	ALDEHYDE & KETONE
42	PRASHANT MAHADEV SAPKAL	
43	KU. KALYANI SANTOSHRAO HAGE	
44	KU. SHIVANI DILIP BODADE	
45	KU. NAINA VILAS SONONE	
46	DIPAK VINAYAK RAUT	
47	NIVRUTI ANKUSH KALE	
48	KU. NIKITA VISHNU CHAUDHARI	
49	KU. RUTUJA WASUDEO RAJANKAR	
50	ABHISHEK NANDKISHOR BAVASKAR	
51	RUSHIKESH BHAGWANTRAO BAKAL	CARBOXYLIC ACIDS
52	KUNAL VINOD KALAMKAR	
53	ANIKET SUBHASH WANKHADE	
54	GAURAV RAMESHWAR BHAGAT	
55	SHAHZAD KHAN MOHAMMAD KHAN	
56	SHAIKH SARIK SHAIKH SHAKIL	
57	KU. SNEHAL PRAMOD WANKHADE	
58	NAVIN HARIBHAU TAYADE	
59	ABHISHEK KAILAS THAKARE	
60	YASH DILIP AMBUSKAR	
61	SHREYASH MOHAN KATOLE	OPTICAL & GEOMETRICAL ISOMERS
62	ADITYA RAJENDRA MHASAL	
63	RISHIKESH SHARDUL NIMGARE	
64	ABHIJIT SHESHRAO WANKHADE	
65	PRATHAMESH DINESH THOKANE	
66	KU. SAKSHI PRALHAD ASWAR	
67	ROHIT WASUDEO MAHULKAR	
68	PARIKSHIT SHIVAJI SAMBHARE	
69	HRUSHIKESH MANOHAR BHAD	
70	KU. ARATI RAJU MAKODE	
71	KU. SHRAVANI DEVENDRA BIHADE	COLLIGATIVE PROPERTIES OF DILUTE SOLUTION
72	KU. SUJATA SANTOSH BHIVATE	
73	YASH PURUSHOTTAM TAKALKAR	
74	PRANAV SANJAY SATAV	
75	SANKET PRALHAD TAKALKAR	
76	KU. POOJA UKARDA KURWALE	
77	KU. BHAVANA BHARAT DANDGE	

78	KU. MEGHA RAJESH UMALE	
79	KU. SAKSHI GAJANAN INGLE	
80	KU. GAYTRI MOHAN GAWANDE	
81	KU. SAKSHI RAMESH IGHOKAR	THERMODYNAMICS
82	KU. PUNAM PRABHAKAR CHAUKHANDE	
83	KU. VAISHALI PRASHANT SHENDE	
84	KU. RASHIKA PRAMOD IGHOKAR	
85	KU. GAURI RAMESHWAR GAWANDE	
86	TEJESH PRALHAD RAUNDALE	
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