# EXPERIENTIAL, PARTICIPATIVE AND PROBLEM-SOLVING METHODOLOGIES

Various Departments provide an effective platform for students to develop the latest skills, knowledge, attitude, values to shape their behavior in the correct manner. The department conducts innovative programs which stimulate the creative ability of students and provide them a platform to nurture their problem-solving skills and ensure participative learning and experiential learning. The department Implements student-centric methods of enhancing the lifelong learning skills of students.

In addition to the traditional teaching-learning methods, the institute is providing innovative student-centric methods such as Workshops, Seminars, Video, Demonstration, Activity-based learning, Flipped Classroom, Guest lecture, Group Discussion/ debate, Peer learning groups, Google Classroom, Project-based learning, Worksheets, PPT, Research projects, Viva-voce, Poster presentation, Public Speaking to encourage Participative, Problem-solving and Experiential learning.

### DEPARTMENT OF BOTANY





Students from B.Sc. II presented seminars on relevant syllabus on dated 12/09/23 (Student Centric Teaching Learning Method)









Student participate in Seed Ball Making Activity (Experiential Learning)





Group Discussion on topic 'Role of Botanist in Conservation of Ozone' on occasion of Ozone Day on dated 16/09/2023

(Student Centric Teaching Learning Method)





Practically student did the Plant Identification on dated 26/09/23 (Experiential Learning)





Department of Botany organized 'Poster Making Competition' on topic 'Role of Millets' on dated 04/10/23
(Activity Based Learning)



Department of Botany organized 'Flower Arrangement Competition' on dated 15/01/24, the participants creative skills and imagination to design floral arrangement evaluated by Dr. Seema Jagtap, Asst. Prof, Mahila Mahavidyalaya, Chandur Rly (Activity Based Learning)





The Spore-tacular Slogan Contest organized by Department of Botany on dated 06/10/23 (Activity Based Learning)





Organization of Rangoli Competition on Eve of World Wetland Day on dated 02/02/24 (Promoting creativity, collaboration, artistic expression with academic pursuits)





One day Institutional Visit to Shri Shivaji Agri Biotech College, Amravati on dated 30/03/24 (Experiential Learning)





Guest Lecture on 'Flori-Culture and its Prospective' by Dr. Suchita P. Khodke, Asst. Prof., Dept of Botany, Vinayak Vidnyan Mahavidyalaya on dated 10/04/24 (Student Centric Method)





Group Discussion on topic 'Water Conservation and Sustainable Living' (Student Centric Method)

## **DEPARTMENT OF CHEMISTRY**





Student performing experiment in Chemistry Lab (Experiential Learning)





Inauguration ceremony of Student Association of Chemical Society on dated 07/09/2023 (Participative Method)





Guest Talk by Dr. A. B. Naik, Professor & Head, Dept of Chemical Technology, Sant Gadge Baba Amravati, University on topic 'Employment Opportunities in the field of Chemistry on dated 07/09/23 (Student Centric Teaching Learning Method)





Department of Chemistry visited to Mahatma Gandhi Institute for Rural Industrialization, Wardha on dated 2/4/24, here students got information about Bioprocessing and Herbal Division khadi & Textile Division, Rural Craft & Engineering Division, Rural Energy & Infrastructure (Experiential Learning)





Herbal Holi Awareness Workshop, organized by Dept of Chemistry on dated 22/03/24, the students prepared natural dyes in a very scientific manner from the fresh "Butemonosperma (Palas) flowers of the season

(Activity Based Learning- Student Centric Method)

Rajarshee Shahu Science College Chandur Rly Department of Chemistry						
S.N.	Student's Name	- III (6S) 2023-24				
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4	Achal Shampantji Ingole	Boil Anaugsts	Aglor.			
5	Ajay Suresh Sawai	Essentals oils	Mangok			
6	Aliya Afagan Pathan	methods of waters	of outhan			
7	Amol Madhukar Lokhande	5011 pollution				
8	Aniket Diwakar Warhade	-	Pundle			
9	Anjali Padmakar Warhade	Soil aparysis	Ane.			
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11	Anuja Suresh Ingole	synthesis of Aspinin	Bedu			
12	Chetan Sanjay Bendre Gauri Purushottam Sandhekar	Analysis of Turmerized				
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	Ram Anil Parekar	Analysis of fertilizer	Polar			
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	Shreya Rajendra Rajnekar	preaparation of Soap	" Sharper			
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33 Vijay Raju Meshram  WHoad  Department of Chemistry  Rajarshee Shalu Science College Rajarsh						

List of students, who take part in a project as part of their coursework. (Student Centric Method, Collaborative Work, Decision -making process)

## DEPARTMENT OF COMPUTER SCIENCE





Students performing Practical in Computer Science Lab (Experiential Learning)





Inauguration ceremony of V. Rajaraman Student Association of Computer Science on dated 03/10/2023. (Participative Method)





Guest Lecture on topic 'Coding Skill and Placement' delivered by Shri Shripad Mohod, Director of edtech solution, Amravati on dated 10/03/23

(Student Centric Teaching Learning Method)







Department of Computer Science organized MCQ test for B.Sc. I, II & III year student on topic 'Programming Languages'
(Problem Solving Student Centric Method)



Class Test conducted of B. Sc. II Students on topic 'Data Structure' (Student Centric Teaching Learning Method)

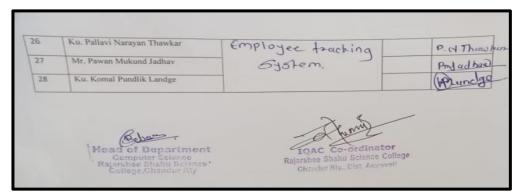




From Computer Science Department of Rajarshee Shahu Science College, A student Ms. Saniya Urooj Sheikh from B. Sc. II participated in State Level Seminar Competition, she presented on topic 'Artificial Intelligence 'organized by Department of Computer Science, Aadarsh Mahavidyalaya on dated 16/02/24

(Activity Based Teaching Learning Method)

		aba Amravati University, Amravati ahu Science College, Chandur Rly (807)			
		Project Submission  B.Sc.III Sem-VI (Summer-2024)  Date	e:- 15 /o	4/2021	
Sr.No.	Name of Student	Project Name	Marks	Signat	
1	Mr. Om Sandiprao Gorle	Project Name	IVIATKS	Signati	
2	Mr. Shivam Narayan Thakare	Cohant Managan		BI	
3	Mr. Sumit Shankarrao Shende	- School Management		- Jaw	
4	Mr. Ankush Shriram Hinge	- system.		Aim	
5	Mr. Shivam Naresh Bende			Diene	
6	Ku. Rutika Rameshrao Chimankar			( Septe D	
7	Ku. Sakshi Pralhadrao Zanzad			Thotal'	
8	Ku. Achal Keshawrao Wanjari	E-Commerse		BAL	
9	Ku. Payal Keshawrao Wanjari	0 0 11100	-	Dr. of	
10	Ku. Radha Nandkishor Lomate			Remote	
11	Ku. Rutuja Jayendra Mahalle		C	Bornoco	
12	Ku. Nikita Pradip Ramteke			lando	
13	Ku. Shraddha Sanjay Kadu			tadei	
14	Ku. Shreya Sanjay Kadu			Rudel	
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18	Ku. Harsha Diliprao Dongare	System"	н	. D. Pong	
19	Mr. Ujwal Shyam Udaypuria		(8	Wurd	
20	Mr. Yash Vilasrao Pranjale Mr. Sahil Rameshwar Kakade		8	Ha	
21	Mr. Sahil Rameshwar Kakade  Ku. Nikita Rameshrao Lilarvhe	(1)	-	ERG	
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25	Ku. Kshitija Raju Patil		1<	. R. Palil	



List of students, who take part in a project as part of their coursework. (Student Centric Method, Collaborative Work, Decision -making process)

## **DEPARTMENT OF ELECTRONICS**





Students performing experiments in Electronics Lab (Experiential Learning)



Inauguration ceremony of V. Rajaraman Electronics Society on dated 03/10/2023. (Participative Method)





Guest Lecture on topic 'Coding Skill and Placement' delivered by Shri Shripad Mohod, Director of edtech solution, Amravati on dated 10/03/23

(Student Centric Teaching Learning Method)





Attended one day LED Lamp Making Workshop conducted by Department of Electronics, Sant Gadge Baba Amravati University on dated 5/3/24 (Activity Based Active Learning Approach)





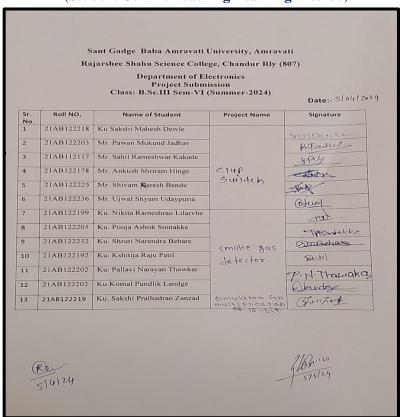
Hands on Training on Skill Enhancement, by Dr. Suryakantji A. Rodge, Head and Asst. Prof. of Dept of Electronics, Adarsh Mahavidyalaya, Dhamangaon Rly on dated 4/4/24

(A hands-on activity is an instructional technique that allows participants to learn by doing)



Workshop and Hands on Training on 'Electrical Component Measurement and its uses' by Dr. Suryakantji A. Rodge, Head and Asst. Prof. of Dept of Electronics, Adarsh Mahavidyalaya, Dhamangaon Rly on dated 4/4/24

(Student Centric Teaching Learning Method)



List of students, who take part in a project as part of their coursework. (Student Centric Method, Collaborative Work, Decision -making process)

## DEPARTMENT OF MATHEMATICS







Inauguration ceremony of Ramanujan Society on dated 01/09/2023. (Participative Method)



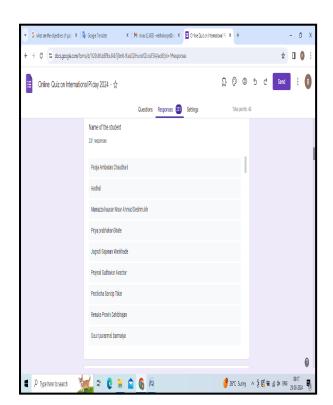


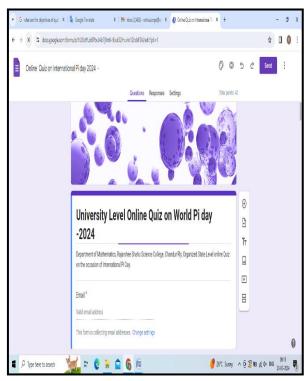
Conducted Quiz Competition on topic 'Differential Equation' on dated 1/9/23





Guest Lecture on topic 'Application of Mathematics' delivered by Dr. P. R. Deshmukh, Head & Asst.Prof.,
Dept. of Mathematics, Vinayak Vidnyan Mahavidyalaya, Nandgaon Khandeshwar
(Student Centric Teaching Learning Method)





Conducted University Level Online Quiz on 'World  $\pi$  Day-2024' during 14 to 19/03/24 (Problem Solving Teaching Learning Method)







Conducted Inter Collegiate Seminar Competition on 'World  $\pi$  Day-2024' on 19/03/24 (Student Centric Teaching Learning Method)

## **DEPARTMENT OF PHYSICS**





Students performing experiments in Physics Lab (Experiential Learning)



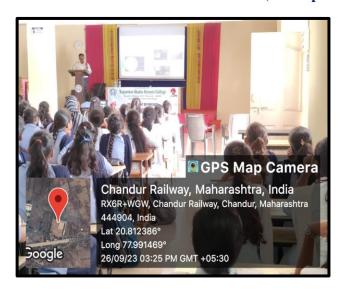


On occasion of 'World Ozone Day' for Preservation of Ozone Layer Dr. A. P. Pachkawade explained the same through power point presentation to the students.

(Student Centric Teaching Learning Process)



Inauguration Ceremony of Student Association Sir C.V. Raman Physics Society on dated 26/09/23 (Participative Method)





Guest Talk on 'Chandrayaan- 3' by Dr. Anant Wadatkar, Asst. Prof, Dept. of Physics, Vinayak Vidhyan Vidyalaya, Nandgaon Khandeshwar on dated 26/09/23 (Student Centric Teaching Learning Method)





Inauguration of 'Informative Board' and E-Album of Physics Poster made by UG Students on dated 16/10/23 by the hands of Prof. Uttaratai Jagtap Madam, President, Atul Vidya Mandir, Wardha (Collaborative and Activity Based Learning)





Model Making Competition on the theme 'Astronomical Events' on dated 17/10/24. (Activity Based Learning and Experiential Learning)





Visit to 'Space on Wheel' program a mobile science exhibition organized by Indian Space Research Organization on dated 13/01/24

#### (Experiential Learning)







Guest Lecture on Fibre Optics delivered by Dr. Manisha Golchha, Asst. Prof., Dept of Physics, Brijlal Biyani Mahavidyalaya, Amt. on dated 23/03/24 (Student Centric Teaching Learning Method)





Poster Making Competition on theme 'Astronomical Events' (Activity Based Learning)





Workshop and Hands on Activity on topic 'Electrical Component Measurement Techniques and its Uses' (Activity Based and Experiential Learning)

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List of students, who take part in a project as part of their coursework. (Student Centric Method, Collaborative Work, Decision -making process)

### **DEPARTMENT OF ZOOLOGY**





Department of Zoology in collaboration with Indian Science Congress Association Amravati Chapter organized Photography Exhibition on occasion of 'Celebration of Wildlife Week-2023' on dated 5/10/23 (Experiential Learning)



Guest Talk on 'Molecular Biology' delivered by Shri J.G. Suryvanshi, Asst. Prof., Dept. of Zoology, Adarsh Mahavidyalaya, Dhamangaon Rly on dated 6/4/24 ((Student Centric Teaching Learning Method)





Guest Talk on 'Importance of Wetland and Birds Conservation' by Dr. Gajanan Wagh, Professor, Dept. of Zoology, Shri Shivaji Science College, on dated 12/04/24

((Student Centric Teaching Learning Method)





Signature Campaign on World AIDS Day 2023 on dated 1/12/23 (Activity Based Teaching)





Guest Lecture by Shri Amit Belsare, Councilor, Rural Hospital, Chandur Rly on topic 'AIDS Awareness' on dated 01/12/24

(Student Centric Teaching Learning Method)







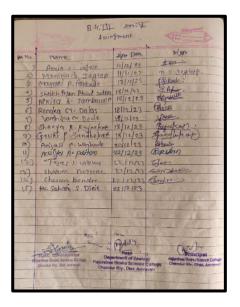
Department of Zoology, SIGNature Club and in collaboration with Indian Science Congress Association, Amravati did Awareness Campaigning on occasion of World Sparrow Day on dated 2/3/24. I awareness programme students from zoology department aware about the protection of biodiversity and beauty of nature.

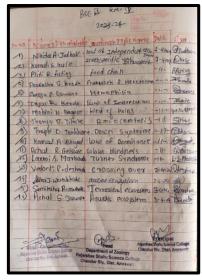
(Experiential Learning)

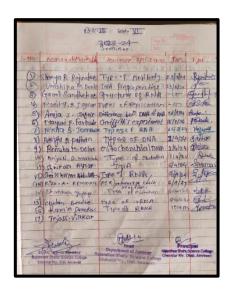


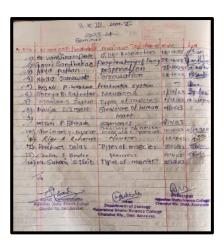


Students gave seminars through power point presentation (Activity Based Learning, Experiential Learning)





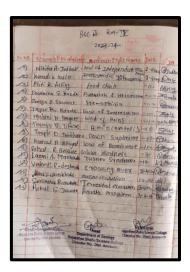














List of students, who take part in a project as part of their coursework. (Student Centric Method, Collaborative Work, Decision -making process)

## DEPARTMENT OF PHYSICAL EDUCATION

Students can perform better in academics by including sports in their daily routines. Sports will keep their mind fresh, and physically fit, and add discipline to their study routine. Skills such as coordination, multitasking and situational awareness will help in enhancing their academic skills. Athletic training and academic study are interrelated. Both are two sides of one coin. Sports in education are an integral part of the curriculum. It helps to shape a person's personality and contribution to their holistic development. In some ways, this subject is a demonstration of all the disciplines that one has learned in college. Every sports has its foundations in math and physics. Department of Physical education every year conducted sports activity, which has sports benefits while learning like improvement of health, confidence booster, leadership skill, teamwork, discipline, academic performance and social development.









Intercollegiate Football & Hockey Team and Athletics & Yoga Team of Rajarshee Shahu Science College.

































### NATIONAL SCIENCE DAY

On occasion of National Science Day, our college organized a host activity to develop scientific thinking among students. Science experiments, seminars, talk on science by eminent scientist of the locality, essay writing competitions, quiz competitions, poster competitions and science exhibition such type of activity was conducted every year.



Inaugurator, Dr. P.R. Wadnerkar, Principal, Rajarshee Shahu Science College, Chandur Rly, Guest, Shri P. R. Talokar, Headmaster, Atul Jagtap High School, IQAC Co-Ordinator, Mr. S. A. Wani, Head, Dept. of Physics, Dr. M. J. Keche, Head, Dept. of Botany, Dr. A. P. Pachkawade, Asst. Prof., Dept. of Physics





Participation of Students in NSD on dated 28th February 2023





## DEGREE CERTIFICATE DISTRIBUTION CEREMONY



Degree Certificate Distribution Ceremony conducted on dated 28/03/24









**Degree Certificate Distribution Ceremony** 

## **AWARDS AND ACHIEVEMENTS**

Session	Department	Name of Student Awardee	Name of Award	Cash Prize Amount
	Botany Department	Ku. Pooja Borkar	Late Saket Rajendrarao Dhote Memorial Award for the college student scoring highest marks in the subject Botany in university examination	Rs. 500/-
	Chemistry Department	Ku. Snehal Shiwankar	Late Shri. Damodarrao Tulasiramji Bansod Memorial Award for the college student scoring highest marks in the subject Chemistry in university examination	Rs. 500/-
	Computer Science Department	Ku. Khushi Choudhary	Late Shri Atul Jagtap Memorial Award for the college student scoring highest marks in the subject Computer Science in university examination	Rs. 500/-
22-23	Electronics Department	Ku. Khushi Choudhary	Late Sulabhatai Jagtap Memorial Award for the college student scoring highest marks in the subject Electronics in university examination	Rs. 500/-
	Mathematics Department	Ku. Vaishnawi Kawalkar	Late Subhadrabai Deorawaji Korape Memorial Award for the college student scoring highest marks in the subject Mathematics in university examination	Rs. 500/-
	Physics Department	Ku. Khushi Choudhary	Late Sau. Minatai Prabhakarrao Pachkawade Memorial Award for the college student scoring highest marks in the subject Physics in university examination	Rs. 500/-
	Zoology Department	Ku. Prapti Wankhade	Late Shri Wamanrao Rajaramaji Chikhale Memorial Award for the college student scoring highest marks in the subject Zoology in university examination	Rs. 500/-
	Library	Ku. Shreya Jibhkate	Late Shri Pundlikraoji Waghmare Memorial	Rs. 500/-

Department		Award for Best Library User	
Sports	Ku. Rutuja Chaware	Late Yasin Khan (Headmaster)Memorial	Rs. 500/-
Department	·	Award for best sportsman	

#### **Awards and Achievements**

Sr. No.	Name of Winners	Rank	Name of Competition	Organized by	
2	Miss Afifa Khan Ms. Poonam Meshram Ms. Shital Sakharwade	First Prize Second Prize	Poster Making Competition	Department of Botany and Women	
3	Ms. Shabnam Sheikh	Third Prize	,	Cell	
4	Nikita Lilarvhe	First Prize	Poster Making		
5	Ms. Saniya Urooj Sheikh	Second Prize	Competition on	Department of	
6	Ms. Sanika Gawande	Third Prize	'Astronomical Events'	Physics	
7	Ms. Vaishanawi Madawi and Group	First Prize	Model Making Competition	Department of	
8	Ms. Samiksha Kubade	Second Prize	Model Making Competition	<ul><li>Physics, Rajarshee</li><li>Shahu Science</li><li>College, Chandur</li></ul>	
9	Pratiksha Patane and Pranoti Ujjenkar	Third Prize	Model Making Competition	Rly	
10	Line Group	First Prize		Denotes	
11	Payal Wanjari, Pronoti Ujjainkar, Janvi Ghatol	Second Prize	Quiz Competition on Mathematics	Department of Mathematics,	
12	Maheshawi Farkade, Vaishnawi Kadu, Rutika Chimankar	Third Prize	on Mathematics	Rajarshee Shahu Science College	
13	Pranay Duryodhan	Third Prize	Inter Collegiate Seminar Competition	Department of Mathematics, Rajarshee Shahu Science College	
14	Shivam Thakare	First Prize		Department of	
15	Pritesh Bagde	Second Prize	MCQ Test	Computer Science,	
16	Rutwik Khawse	Third Prize	WICQ TEST	Rajarshee Shahu	
17	Saniya Sheikh	Fourth Prize		Science College	



**Colour Coat Holders** 



Hockey Team of Rajarshee Shahu Science College won second place in SGBAU Amravati University Intercollegiate Hockey Tournament (Men)



Pranay Duryodhan got Third Prize in Intercollegiate Seminar Competition on the occasion of  $\pi$  day organized by Department of Mathematics



Alumani Student Mr. Arpit Ingle from batch 20-21 qualified CSIT NET examination in session 23-24





Ku. Shreya Rajanekar got second prize in Intercollegiate Quiz Competition also Ku. Diksha Gondane got consolation prize in Intercollegiate Quiz Competition



Ku Komal Kale & Ku. Nikita Jadhaw got first prize in District Level Innovation Challenge 2023 Competition



Dr. G. B. Santape, Asst. Prof., Department of Zoology, Published a Text Book of Zoology, B.Sc. Sem III



Mr. M. P. Waghmare, Librarian, published Research Paper in Library Science



Dr. A. P. Pachkawade published a text book of Physics in Library Science



Dr. R. V. Kene published a chapter in the book of Elements of Algebra, B. Sc. Se,-IV



Dr. Pravin Sardar published text book of Botany, B.Sc. Sem- IV



Dr. Roshani Bhagat, Asst. Prof, Dept of Physics, Rajarshee Shahu Science College awarded by National Patent

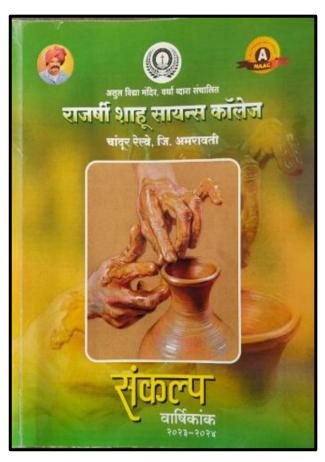


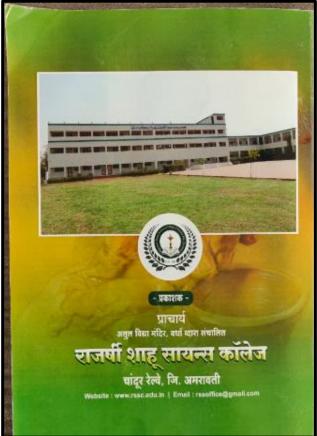
Rajarshee Shahu Science College got third rank as an Utkrushta Jilhastariy Mahavidyalaya

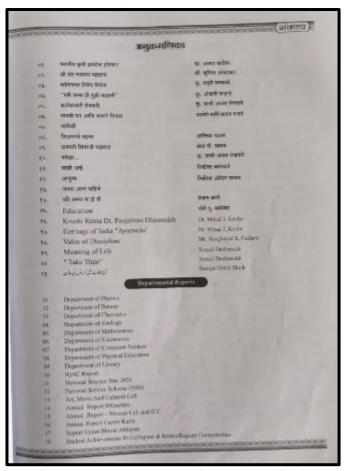
### "SANKALP" MAGAZINE

Every year students take a part in College Magazine 'Sankalp' Committee members decide a theme on current status and on that students can submit story, poem, articles and caricaturist in Hindi, Marathi, English, Urdu and Sanskrit division. Annual reports, Major event like conference, cultural event, NSS report IQAC report is also part of 'SANKALP'.

### Magazine 'SANKALP 23-24'







Student Participation in 'SANKALP 23-24'



## Induction Programme

Purpose of Student Induction Programme is to help new students adjust and feel comfortable in the new environment, inculcate in them the ethos and culture of the institution, help them build bonds with other students and faculty members, and expose them to a sense of larger purpose and self-exploration.

Student Induction Programme engages with the new students as soon as they come into the institution; before regular classes start. At the start of the induction, the incumbents learn about the institutional policies, processes, practices, culture and values, and their mentor groups are formed.

	Day 1					
Sr. No.	Speaker	Торіс	Date	Venue		
1	Dr. M.P. Chikhale (Incharge-Principal)	Principal Address				
2	Dr. M. J. Keche (IQAC, Co- Ordinator)	Introducing Academic Programmes of Session 23- 24				
3	Dr. G. B. Santape (Convenor, Training & Placement & Carrier Guidance Cell) Convenor, SIGNature Club	Training and Placement Overview and Nature based approaches	04/10/2023	Late Atul Jagtap Memorial Hall		
4	Dr. P. R. Sardar (Convenor, Equal Opportunity Cell)	Fundamental Principles of Integrity objectivity, Professional Competance, Confidentiality and Professional Behaviour				
5	Dr. M. P. Waghmare, (Librarian)	Awareness Session of NDLI & NDLI Club				

Sr. No.	Speaker	Торіс	Date	Venue	
2	Mr. S. A. Wani (Head, Department of Physics) Dr. R. N. Bhagat, Asst. Prof, Department of Physics	Motivating Passion and Perseverance in Achieving Goals. CBCS Credit System	05/10/2023	Late Atul Jagtap Memorial Hall	
3 4	Mr. P. R. Kharbade Mr. Rahul Khope	Information relevant to Scholarship Academic Bank of Credit			

Day 3				
Sr.				
No.	Speaker	Topic	Date	Venue

	Dr. Sheetalbabu Ambasdas	Focusing on Positive		
1	Tayade	Personality Traits		
		Student Development Cell,		
	Mr. A. N. Khan, (Physical	Sports Activity and Youth		
2	Director)	Festival		
	Dr. P. R. Sardar(Head, Dept.		0.5/4.0/2.020	
3	of Botany)	Code of Conduct	06/10/2023	Late Atul Jagtap Memorial Hall
	Dr. R. V. Kene, Head, Dept.	Information about ICC and		
4	of Mathematics)	Women Cell		
		Information about Mentor		
	Dr. S. S. Padhen, Asst. Prof.	Mentee Scheme, Store and		
5	(Department of Chemistry)	Canteen Facility		

	Day 4					
Sr. No.	Class	Skill Enhancement Workshop Topic	Date	Conducted by		
1	B. Sc. I (CBZ)	Career Prospectus in Life				
		Sciences at Late Atul		Department of Botany &		
		Jagtap Memorial Hall		Department of Zoology		
2	B. Sc. I (CMP), B. Sc. I (CEP),	Workshop on Skill		Department of Physics &		
	B. Sc. I (PCM)	Enhancement in	07/10/2023	Department of Electronics		
		Measurement Techniques-				
		by Dept. of Physics and				
		Dept. of Electronics at				
		Department of Physics				

	Day 5							
Sr. No.	Class	Skill Enhancement Workshop Topic	Date	Conducted by				
1	B. Sc. I (CBZ), B. Sc. I(PCM)	Workshop on preparation of standard solution at Department of Chemistry		Department of Chemistry				
2	B. Sc. I (CMP), B. Sc. I(CEP)	Workshop on Web Designing at Department of Computer Science	09/10/2023	Department of Computer Science				

	Day 6					
Sr. No.	Class	Skill Enhancement Workshop Topic	Date	Conducted by		
	B. Sc. I (CMP), B. Sc. I (CEP),	Workshop on Vedic	10/10/2023	Department of		
1	B. Sc. I (PCM), B. Sc. I (CBZ)	Mathematics by Dept. of		Mathematics		
1		Mathematics at Late Atul				
		Jagtap Memorial Hall				



# Student Research Projects

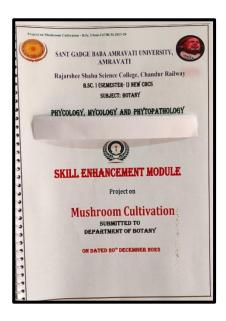
The college is committed to promote a research culture among Faculty and students as basic long-term research provides the foundation for future development of the Institution. The research policy of the college aims to identify research areas of academic, practical and social relevance. It has been framed to analyze, understand and effectively respond to all types of challenges posed in the pursuance of quality research.

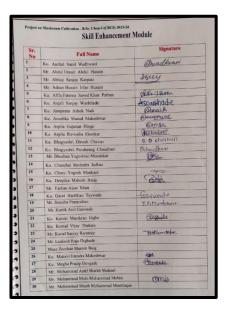
#### **Objectives:**

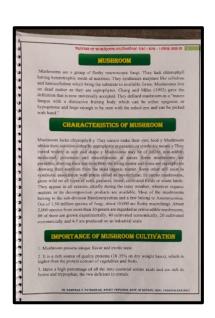
- 1. To strengthen the institutional capacity for strategic, technical and operational planning, budgeting and control of all research activities of the college.
- 2. To create and promote a culture of research among the faculty and students
- 3. To ensure quality, integrity and ethics in research.
- 4. To encourage and facilitate the publication of the research works in reputed academic International / National journals and also to facilitate the presentation of the research work through academic events such as workshops/seminars/conferences.
- 5. To identify and inform researchers about the appropriate research opportunities announced by different academic, research, industry or government organizations.
- 6. To promote interdisciplinary research involving more than one knowledge domains.
- 7. To facilitate providing professional guidance, technical support and recommendation for financial assistance.
- 8. To identify and establish linkages including MOUs for long term relationships with national and international research organizations for widening the scope of research opportunities available to the teachers and students of the college.

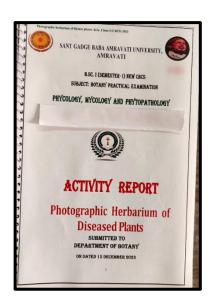
S. N	Subject	Name of the Investigator	Name of the Students	Class	Title
			Ms.Anjali Wankhade	B.Sc.I	Mushroom Cultivation
1	Botany	Dr.S.P.Patharkar	Ms.Kaveri Gajbhiye		
			Ms.Priti Fating	B.Sc.II	Estimation of essential oil from
2	Botany	Dr.P.R.Sardar	Ms.Pratiksha Korde		some members of family
			Ms.Samiksha Mahalle		Lamiaceae
			Ms.Shital Sakharwade		Isolation of Lycopene from Tomato
3	Chemistry	Dr.S.S.Padhen	Ms.Shreya Wathodkar	B.Sc.I	Juice
			Ms.Shrutika Sable		
			Ms.Sonali Kadav		
			Ms.Sakshi Jichkar	B.Sc.I	Study of synthesis of Metal
4	Chemistry	Dr.A.P.Thakare	Ms.Pratiksha Patane		Complexes and its application
			Ms.Achal Galole		Conductivity Study of Metal
5	Physics	Dr.R.N.Bhagat	Ms.Achal Ingole	B.Sc.III	Sulfide-Polystyrene Composite

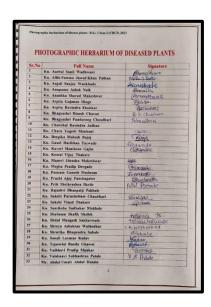
					Thin Film
6	Zoology	Dr.G.B.Santape	Ms.Shreya Rajnekar Ms.Vanshika Deole	B.Sc.III	Physico Chemical Properties of Actin of Some Vertebrates
7	Mathematics	Dr.R.V.Kene and Prof.M.S.Palaspagar	Ms.Pranoti Ujjainkar Ms.Maheshwari Farkade Ms.Shradha Lande	B.Sc.II	Differentiation and Its Application

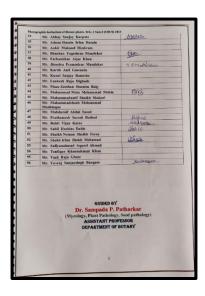












Student did Research Projects under the guidance of Dr. S. P. Patherkar, Asst. Prof., Department of Botany, Rajarshee Shahu Science College, Chandur Rly

(Experiential Learning, Student Centric Method)

Co-ordinator Rajarshee Shahu Science College

Chandur Rly., Dist. Amravati



Rajarshee Shahu Science College Chandur Rly Distt. Amravati