

**2022-2023**

**Best Practice: I**

**Title of the Practice : Environmental Awareness Program**

**1. Objectives**

To promote awareness about environment and maintain clean and green campus

**2. The Context**

To impart knowledge, create awareness about the environment.

**3. The Practice**

The college organized awareness program to address the environment-related issues .Following Initiatives taken during the year.

- Promotes the Plantation of trees
- Wild life Week celebrated
- Observed World Ozone day
- Conducted Eco-friendly Competition and festival
- Utilized biodegradable materials for Vermicompost.

**4. Evidence of Success**

Inspiring the students of nearby region and promoting environmental consciousness.

**5. Problems Encountered and Resources Required**

Semester pattern examinations (time constraint) was the biggest obstacle faced by the institute.

**Best Practice: II**  
**Title of the Practice: Student Research Project**

**1. Objectives:**

To promote scientific temper and development of research culture through project.

**2. The context:** Encourage the students for participatory approach.

**3. The practice : Student Research Project :**

A Six months duration Student Research Project was allotted to a group of students. The College provided the financial assistance to group of the three or four College Students for conducting the Student Research Project.

**4. Evidence of Success**

Numbers of beneficiaries are increased

**5. Problems Encountered and Resources Required**

Conduction of this practice in a stipulated time period was the challenge.

### Best Practice: I

#### Title of the Practice : Environmental Awareness Program

S.N.	Name of Activity	Date of Program
1	<b>Tree Plantation Program</b>	4 <sup>th</sup> July 2022, 11 <sup>th</sup> August, 15 <sup>th</sup> August 2022
2	<b>Eco friendly Rakhi competition</b>	10 <sup>th</sup> August 2022
3	<b>Eco friendly Ganesh Festival</b>	19 <sup>th</sup> September 2022
4	<b>Celebration of Ozone Day</b> <ul style="list-style-type: none"><li>• Group Discussion organized by SIGNature and Department of Zoology</li><li>• Guest lecture organized by Department of Botany</li></ul>	16 <sup>th</sup> September 2022
5	<b>Wild life Week</b> Organized by SIGNature in Collaboration with Department of Zoology	6 <sup>th</sup> October 2022
6	<b>Eco friendly Holi Festival</b> <i>Workshop on Preparation of Holi colors</i> SIGNature in collaboration with Department of Mathematics	6 <sup>th</sup> march 2023
7	<b>World Sparrow Day</b> <i>Best from waste program and installation of bird feeder</i> Organized by SIGNature and Department of Zoology in Collaboration with Indian Science Congress Association Amravati Chapter	20 March 2023

## Annual Report 2022-2023

### SIGNature

Convener - Dr.G.B.Santape  
Co-Convener- Dr.S.P.Patharkar

The College SIGNature (Student Initiative Towards Green Nature) previously known as Eco Club was conducted the conservation program to inculcate an appreciation for nature among young people through a participatory approach. The aim of its activity is to generate support for conservation of nature through creation of environmentally conscious and active individuals and groups using SIGNature as a tool. It spread awareness about the nature conservation and undertakes the activities to nurture and help to regenerate environment. The SIGNature conducted the activities throughout the academic year 2022-2023.

- Tree plantation program was organized in the collaboration of NSS unit on the occasion of Birth anniversary of Prof.Virendrabhau Jagtap on dated 11 th August.2022.
- 75 years of Independence *Azadi Ka Amritmahostav* was celebrated by sapling a plant in college campus on 15<sup>th</sup> August 2022.
- World Ozone day was observed in the collaboration of department of Zoology on 16<sup>th</sup> September 2023, On this occasion Signature campaigning and Group discussion was organized. Teaching staff and Students were participated in the program.
- Wild Life week was celebrated on dated 6<sup>th</sup> Oct.2022.On account of Wildlife Week the Seminar was organized on *Tools and Technique for Wildlife Conservation and Management*. Dr.Sawan Deshmukh, Environmentalist and Head of Geography,Bhartiya Mahavidyalaya Morshi delivered the guest lecture. The event was organized in collaboration with department of Zoology.
- Eco-friendly Ganesh Festival was celebrated in the College campus. Ganesh idol shop was installed in the College and out of campus for the awareness of celebration of eco friendly Ganesh festival. Festival was conducted in collaboration with department of Mathematics. Total 50 Clay Ganesh idols sold by the students on no loss no profit basis.
- On the occasion of death anniversary of our founder president Late Prof. Annasaheb alias Walmikrao Jagtap, free dental checkup camp was organized by the Department of Mathematics in collaboration with Department of Zoology and SIGNature in association

with VYWS Dental College and Hospital, Amravati on 16th January 2023 at Late Atul Jagtap Hall.

- Eco friendly Holi Color preparation workshop was organized in collaboration with department of Mathematics
- World sparrow day was celebrated on 20<sup>th</sup> March 2023 In collaboration with of Indian Science Congress Association Amravati Chapter and Department of Zoology on the theme I love sparrow. On this occasion water pots was placed in campus for the birds and Best Nest from waste program was conducted.

### Photo Gallery

#### Tree plantation program



#### World Ozone day





**Seminar on Tools and Technique for Wildlife Conservation and Management**



**Guest Speaker – Dr.Sawan Deshmukh Honorary Warden Melghat Forest Region**

### **Eco-friendly Ganesh Festival**





## Ganesh Idol Sale Center



## Dental Check up Camp



## Eco friendly Holi Color preparation workshop



## World Sparrow Day



# GREEN PRACTICES



लोकमत - 11-10-2022

**राजर्षी शाहू महाविद्यालयात वन्यजीव सप्ताहांतर्गत व्याख्यान**

लोकमत न्यूज नेटवर्क  
चांदूर रेल्वे : शहरातील राजर्षी शाहू महाविद्यालयात वन्यजीव सप्ताह अंतर्गत व्याख्यानाचे आयोजन प्राणिशास्त्र विभाग व सिग्नेचर क्लब यांच्या संयुक्त विद्यमाने आयोजित करण्यात आले होते. कार्यक्रमाचे प्रमुख वक्ते मानद वन्यजीव रक्षक डॉ. सावन देशमुख होते. विभागाप्रमुख एम. पी. चिखले, जी. बी. संतापे आणि सहआयोजक एस. पी. पाथरकर यांनी परिश्रम घेतले.

**Talking Tree**

First Download & Install  
"Talking Tree (BB Mv, Amravati)"  
APP from Google Play Store  
Or Scan This QR Code

After Installation  
**Scan QR**

1 ← Plate No.

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Atul Vidya Mandir, Wartha's  
**Rajarshee Shahu Science College**  
Virul Road, Chandur Rly, Dist. Amravati PIN - 444 904  
(College Code : 887)  
(Accredited with 'B' Grade by N.E.R.T.)

PRESIDENT: Prof. Mrs. Uttarali V. Jagtap  
SECRETARY: Prof. Vinodrabhai W. Jagtap  
PRINCIPAL: Dr. M. P. Chikhalde

Website : www.rss.edu.in | Email : rajarsheeshahucollege@gmail.com | mpc@rss.edu.in@gmail.com | Phone : 97222 254111

Ref. No. : REG/142/21 Date : 24/09/2022

To  
Dr. Sarang Dhote  
Assistant Professor  
Department of Chemistry,  
Sri Shivaji Science College Nagpur

Subject : Regarding the development of an interactive Application "Talking Tree" for our College Campus.

Dear Sir,

I take this opportunity to congratulate you for developing wonderful application. As per our discussion we would like to implement same app for our College Campus. In this matter our faculties Dr. G.B. Sarange and Dr. S.P. Patharkar will coordinate you.

Looking forward for you for long term coordination.

Thanking you  
Place : Chandur Railway  
Date : 24/09/2022

Yours Faithfully  
*(Signature)*  
PRINCIPAL  
Rajarshee Shahu Science College,  
Chandur Rly, Dist. Amravati

## Brochure of the Program

Atul Vidya Mandir's, Wardha  
Rajarshee Shahu Science College, Chandur Rly  
Dist. Amravati

Department of Zoology and SIGNature Collaboratively Celebrating  
Wildlife Week and Organizing One Day Seminar  
on  
Tools and Technique for Wildlife Conservation and Management

6 Oct. 2022  
Time : 1.30 pm.

KEYNOTE SPEAKERS  
Dr. Sawan Deshmukh  
Honorary Wildlife Warden, Amravati.  
Head and Associate Professor,  
Department of Geography  
Bharatiya Mahavidyalaya, Morshi, Amravati.

Principal  
Dr. S. S. Thakare  
RSSC, Chandur Rly

Convener  
Dr. G. B. Santape  
RSSC, Chandur Rly

Organizing Secretary  
Dr. M. P. Chikhale  
RSSC, Chandur Rly

Co-convener  
Dr. S. P. Patharkar  
RSSC, Chandur Rly

Atul Vidya Mandir's  
Rajarshee Shahu Science College, Chandur Rly  
NAAC accredited with "B" Grade (CGPA 2.51)

Workshop on Preparation of Eco-friendly Holi Colors

Organized By  
SIGNature Club  
&  
Department of Mathematics

Date : 6<sup>th</sup> March 2023 Time : 8 a.m.

Dr. S. P. Patharkar  
Trainer  
Assistant Professor  
Department of Botany  
RSSC, Chandur Rly

ORGANIZING COMMITTEE

Ms. M.S. Palaspagar  
Assistant Professor  
Department of Mathematics

Dr. R.V. Kene  
Head & Assistant Professor  
Department of Mathematics

Dr. G.B. Santape  
Assistant Professor  
Department of Zoology

Dr. M. J. Keche  
IQAC, Coordinator  
RSSC, Chandur Rly

Dr. M. P. Chikhale  
Principal  
RSSC, Chandur Rly

अतुल विद्या मंदीर वर्धा द्वारा संचालित  
राजर्षी शाहू सायन्स कॉलेज, चांदूर रेल्वे

संस्थापक अध्यक्ष, स्व. प्रा. अण्णासाहेब जमनाप  
वीरवा स्मृतिश्रील्यर्थ

मोफत दंत  
आरोग्य तपासणी शिबीर

शिबिराची वैशिष्ट्ये :

- दंत आरोग्याविषयी मार्गदर्शन
- दालांच्या किडीवरील उपचार व मार्गदर्शन
- काढ-घालीये दात, कवळी व पक्के दात
- बसविणे संबंधी सल्ला व मार्गदर्शन
- दंतरोपण (Implant) संबंधी सल्ला व मार्गदर्शन
- वेडे वाकडे दात, हिरक्यांच्या आजारासंबंधी
- सल्ला व मार्गदर्शन
- दात साक करणे (Sealing)
- तंबाखू सेवन आणि धूम्रपान बंद
- करण्याबाबत जागरूकता.
- बाल वयोगटात कडलेल्या दालांच्या उपचारासंबंधी सल्ला व मार्गदर्शन

दिनांक : १६ जानेवारी, २०२३ सोमवार  
स्थळ : अतुल जगताप स्मृती सभागृह  
वेळ : सकाळी १० वाजता

आयोजक :  
गणित विभाग, प्राणिशास्त्र विभाग आणि  
SIGNature

सौजन्य :  
VYWS दंत महाविद्यालय व रुग्णालय,  
जमरावली

Atul Vidya Mandir's  
Rajarshee Shahu Science College Chandur Railway  
SIGNature And Department of Zoology  
In Collaboration With  
Indian Science Congress Association Amravati Chapter  
Organizes

World Sparrow Day  
20<sup>th</sup> March 2023  
Theme - I Love Sparrow



To commemorate World Sparrow Day, Department of Zoology and SIGNature in Collaboration with Indian Science Congress Association Amravati Chapter organize the following activities during 20-25 March 2023 for Students to raise the awareness about protection of the biodiversity and the beauty of nature.

Best from Waste  
Workshop on Bird Feeder and Nest Preparation

Convener - Dr. G. B. Santape

Co-Convener - Dr. S. P. Patharkar

IQAC Co-ordinator  
Rajarshee Shahu Science College  
Chandur Rly, Dist. Amravati  
(Dr. Minal Keche)



Principal  
Rajarshee Shahu Science College  
Chandur Rly, Dist. Amravati  
(Dr. Mahesh Chikhale  
Chairman IQAC and Principal)

## **Rajarshee Shahu Science College Chandur Rly**

### **Department of Botany**

#### **International Ozone Day Celebration**

On eve of International Ozone Day 16<sup>th</sup> September 2022 Department of Botany organized the tree Plantation Program in Botanical Garden. On this occasion Medicinal tree (Behada) was planted in Botanical Garden by the hands Principal Dr S.S.Thakare. Students of B.Sc-III year makes the sapling of the medicinal plants available in botanical Garden. At this moment Dr.Minal.J.Keche Associate Professor and Head Department of Botany, Dr.S.P.Patharkar , Dr. P.R.Sardar Assistant professor Department of Botany Dr. A.P.Pachkawade Assistant Professor Department of Physics and Dr. G.B.Santape assistant Professor Department of Zoology all the teaching staff and students of final year was present.



Dr. S.S.Thakare Planting the Tree



Students and Teaching Staff Present at this moment

Convenor  
Dr.M.J.Keche  
Assistant Professor and Head  
Department of Botany



**Rajarshee Shahu Science College Chandur Rly**  
**Department of Botany**  
**Ecofriendly Rakhi Competition:**  
**Session (2022-2023)**


To create an awareness about environment consequences among students and to promote the trend of eco-friendly festival Department of Botany organised eco-friendly Rakhi competition for the students of Rajarshree Shahu Science Junior college, senior college Atul Jagtap High School and Rajarshee Shahu English School. All the students participated enthusiastically in competition by preparing the handmade Rakhi by using the eco-friendly material such as flower, seeds, fruits, paper, and sticks. Rakhi's was exhibited for the students in Late Atul Jagtap Memorial Hall on 10<sup>th</sup> of August 2022. Three prizes was awarded from each section. Competition was inaugurated by the hands of the Hon Dr. Seema Jagtap principal Mahila Mahavidyalaya Chandur Rly, Dr.S.S.Thakare Principal Rajarshee Shahu science College Chandur Rly. All the Faculty members was present at this moment.



  
**Principal**  
Rajarshee Shahu Science College  
Chandur Rly Distt. Amravati

  
**Dr. Minal.J.Keche**  
Convenor /IQAC

  
**Dr. S.P.Patharkar**  
Co-Convenor

  
**Dr. P.R.Sardar**  
Co-Convenor

**Dr.S.S.Thakare**  
Principal

## List of Participant

**Rajarshee Shahu Science College Chandur Railway.**  
**Eco-friendly Rakhi Competition Organized**  
**By**  
**Department of Botany**  
**Registration Sheet of late Atul Jagtap High School**

r. No.	Name of Student	Class	Section	Remark
1	Prachi Bhaise	9 <sup>th</sup>	A	
2	Neha Dhoke	9 <sup>th</sup>	A	
3	Anushka patil	9 <sup>th</sup>	A	
4	Vaishnavi Kalawate	9 <sup>th</sup>	A	
5	Shreyas chimarkar	9 <sup>th</sup>	A	
6	Khushi Bais	9 <sup>th</sup>	A	
7	Arti Mahalle	9 <sup>th</sup>	A	
8	Divya Mahalle	9 <sup>th</sup>	A	
9	Tanuja Mangade	9 <sup>th</sup>	A	
10	Purnima Nagase	9 <sup>th</sup>	A	
11	Khushi Somvanshi	9 <sup>th</sup>	A	
12	Devika Gondane	9 <sup>th</sup>	A	
13	Vaishali Bansod	9 <sup>th</sup>	A	
14	Akshata Meshram	9 <sup>th</sup>	A	
15	Tarupti Bodale	9 <sup>th</sup>	A	
16	Tejaswini Dhawane	9 <sup>th</sup>	A	
17	Raksha Dhote	9 <sup>th</sup>	A	
18	Manthan Kodurkar	9 <sup>th</sup>	A	

19				
20	Manthan Ingale	9 <sup>th</sup>	A	
21	Om Vinchurkar	9 <sup>th</sup>	A	
22	Manthan Jagtap	9 <sup>th</sup>	A	
23	Prerna Jagtap	9 <sup>th</sup>	A	
24	Anurag Bawaskar	9 <sup>th</sup>	A	
25	Suyog Chaudhari	9 <sup>th</sup>	A	
26	Prashik Mahad	9 <sup>th</sup>	A	
27	Arpit Imale	9 <sup>th</sup>	A	
28	Tejas Dhanle	9 <sup>th</sup>	A	
29				
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Rajarshree Shahu Science College Chandur Railway.  
Eco-friendly Rakhi Competition Organized  
By  
Department of Botany  
Registration Sheet of Rajarshree Shahu Jr. College

Sr. No.	Name of Student	Class	Section	Remark
1	Pratiksha Kajirao Patil	XI		
2	Pratik Wajirao Vaidya	XI		
3	Vaishali Ashutosh Lokesh	XII		
4	Manali Anil Patil	XI		
5	Reshma Vinodrao Jagtap	XI		
6	Divyashree Anandha Dhanu	XI		
7	Vedika Dilip Wadgaonkar	XI		
8	Laxmi Kailash Jain	XI		
9	Ruchika Chandra	XI		
10	Akashdeep Anil Chavande	XI		
11	Prachi Nishant Wadgaonkar	XI		
12	Leena Kishor Wadgaonkar	XI		
13	Kishori Pradip Shelke	XI		
14	Nidhi Shrikant Jadhav	XI		
15	Ishwari P. Shelke	XI		
16	Shraddha Anil Patil			
17	Smruti Raju Band	XII		
18				

Rajarshree Shahu Science College Chandur Railway.  
Eco-friendly Rakhi Competition Organized  
By  
Department of Botany  
Registration Sheet of Late Atul Jagtap High School

Sr. No.	Name of Student	Class	Section	Remark
1	Manali Mahesh	8 <sup>th</sup>	A	
2	Anushi Mayale	8 <sup>th</sup>	A	
3	Susashika Mohale	8 <sup>th</sup>	A	
4	Manuji Ughade	8 <sup>th</sup>	A	
5	Bhavna Bonawar	8 <sup>th</sup>	A	
6	Araya Dongre	8 <sup>th</sup>	A	
7	Vidhya Gadgil	8 <sup>th</sup>	A	
8	Punam Kamble	8 <sup>th</sup>	A	
9	Nityati Mahad	8 <sup>th</sup>	A	
10	Manushi Sapate	8 <sup>th</sup>	A	
11	Ashika Tarkare	8 <sup>th</sup>	A	
12	Manushi Mude	8 <sup>th</sup>	A	
13				
14				
15				
16				
17				
18				

19	Dipali	4 <sup>th</sup>	
20	Rashmi Shinde	4 <sup>th</sup>	
21	Krushna Thete	4 <sup>th</sup>	
22	Shriavan Ramteke	4 <sup>th</sup>	
23	Natik	4 <sup>th</sup>	
24	Ayesha Tatiqur	4 <sup>th</sup>	
25	Tamanna Matwani	4 <sup>th</sup>	
26	Akshati Patil	4 <sup>th</sup>	
27	Samrudhi Patil	4 <sup>th</sup>	
28	Kaustubh Chavande	4 <sup>th</sup>	
29	Sai A. Kulkarni	4 <sup>th</sup>	
30	Siadhu Rathod	4 <sup>th</sup>	
31	Om Lulhane	4 <sup>th</sup>	
32	Araya Meshram	4 <sup>th</sup>	
33	Rutuja R. Patil	4 <sup>th</sup>	
34	Krushna Shivankar	4 <sup>th</sup>	
35	Sarthak Rathod	3 <sup>rd</sup>	
36	Samrudhi Ingole	4 <sup>th</sup>	
37	Aditya Bhosale	4 <sup>th</sup>	
38	Om Bhosale	4 <sup>th</sup>	
39	Swara Khadke	4 <sup>th</sup>	
40	Harsh Karale	4 <sup>th</sup>	
41			

Rajarshree Shahu Science College Chandur Railway.  
Eco-friendly Rakhi Competition Organized  
By  
Department of Botany  
Registration Sheet of Rajarshree Shahu Science College

Sr. No.	Name of Student	Class	Section	Remark
1	Shruti Jaiswal	B.Sc-III	CBZ	
2	Anusha Londhe	-II	-II	
3	Ankita Markase	B.Sc-III	CBZ	
4	Ashika Markase	B.Sc-III	CBZ	
5	Sakshi Pawar	B.Sc-III	CBZ	
6	Pratiksha Kulkarni	B.Sc-III	CBZ	
7	Sakshi Giridhar	B.Sc-III	CBZ	
8	<del>Anusha</del> Shruti Patil	B.Sc-III	CBZ	
9				
10				



## Certificate



Atul Vidya Mandir's  
**Rajarshee Shahu Science College Chandur Rly.**  
Affiliated to Sant Gadge Baba Amravati University, Amravati | Accredited with B+ Grade by NAAC, Bengaluru.  
Email - principal@rssc.edu.in



**Department Of Botany**  
**University Level One Day Workshop on**  
**MUSHROOM CULTIVATION**



*Certificate*

*This Certificate is Awarded to*

*In Recognition of Your*  
*Active participation in "University Level One Day Workshop on Mushroom Cultivation"*  
*Organised by Dept. of Botany, Rajarshee Shahu Science College,*  
*Chandur Rly. Amravati, 17 October, 2022.*

**Dr. D. V. Hande**  
Subject Expert

**Dr. M. J. Keche**  
Convener

**Dr. S. P. Patharkar**  
Co-convener

**Dr. P. R. Sardar**  
Co-convener

**Dr. S. S. Thakare**  
Principal

**Atul Vidya Mandir Wardha's  
Rajarshee Shahu Science College Chandur Railway  
Dist.Amravati**

**Sponsored  
Student Research Project**



**Guidelines For  
Students and Supervisors**

**Website: [www.rssc.edu.in](http://www.rssc.edu.in)**

## **GUIDELINES FOR PROVIDING GRANT**

To

### **Student Research Project**

College strives to promote research excellence and culture among the students in emerging areas of Basic Science, Allied disciplines need to be studied and researched in a more organized manner. Institutionalization of such activities is a need of the present times.

#### **Introduction**

The project provides an opportunity for a range of different types of research. For example, students could study the current topics or existing knowledge gap of information systems related subject area using a range of different data sources, design an intervention and evaluate it, complete a small survey, or study client use of other services. This project is used to increase the students' critical thinking ability in particular problem domain, identify knowledge gaps and define research problems, come up with a conceptual framework for addressing the identified research problem by applying learnt theory and research methodologies and eventually conclude the project with deliverables. Further, this will be an opportunity for students to develop their decision making skills and negotiation skills especially with supervisor's and examiners' interactions.

#### **Objectives of the project**

While projects vary in their aims, scope and design, they should be designed so as to allow student to demonstrate their ability to apply the principles of research at an undergraduate level.

In reporting on the project, Students should show that they can:

- a. Identify and define a significant issue relevant to the subject
- b. Systematically collect relevant up-to-date information about the issue, either directly or from published studies or publicly available data
- c. Analyze, interpret and discuss the information in accordance with standard academic and Information Technology
- d. Write and present the study in accordance with academic standards at an undergraduate level.

#### **Target Group :**

The College will support the financial assistance to group of the Three of Four College Students for conducting the Student Research Project. A group of Students with Investigator can avail only one project at any given time. It would be the responsibility of Investigator and Students for accountability of the project. They can apply for under the scheme for current academic year.



The Investigator teacher should preferably publish at least one research paper in the reputed journal after the completion of the project.

**Nature of Financial Assistance:**

Atul Vidya Mandir /Institute will provide (Rs.5000/-) Five Thousand as a Seed Money in the form of financial support for the item Chemicals, Consumables, Hiring services and field work

**Tenure of the Project:**

Project should be completed within Four Month after the approval of authority

**How to Apply:**

Investigator Teachers with project fellows may submit their proposed project work through application for the financial assistance. The prescribed format of the application is available on College Website [www.rssc.edu.in](http://www.rssc.edu.in). The downloaded copy of the same duly signed by Head of the institution, Investigator Teacher concern and Project fellow should submit within time line to the SRPC for the approval.

**Procedure for release of Financial Assistance:**

Initially, half amount of grant will be provided and half amount will be released on receipt of completion documents for final reimbursement. It is mandatory to submit the progress and summary report and detailed statement of expenditure. The unutilized money may be refunded immediately to the institute.

**Responsibilities of Students**

The students carrying out a research project are expected to undertake the following responsibilities:

1. It is a requirement that the students engage in their project work at least 150 hours and complete it within a Four month period of an academic year.
2. Students should have preliminary discussion with supervisors before starting the project.
3. The student should maintain a work diary and need to update the diary regularly with important decision after meeting with the supervisor
4. Students are highly encouraged to refer library and other academic journals, while they are conducting literature search and research tasks. If any research paper is inaccessible, students can request it from supervisor. Supervisor may get necessary actions to provide the paper in his/her best.

5. The students should keep informed supervisor and course coordinator, if any problem is raised interrupting their research work.
6. The students should maintain friendly environment with Investigator Teacher/Supervisors and colleagues in laboratories.
7. The students should make 10-minute presentations for defending research proposal arranged by the Coordinator.
- 8 . Students need to make all marked corrections by supervisor prior to submit the final thesis

### **Role of A Supervisor**

The Supervisor is expected to help the Students, under their supervision by following ways to complete the final research project.

1. Guide Students to formulate an appropriate project proposal and outline of the project work
2. Conduct meeting regularly.
3. Inform Students the progress of their work whether it is satisfactory or not
4. Advise Students to improve the research activities, composing dissertation and presentations
5. Guide Students to publish their work in conferences or journals
6. Review the draft of research project dissertation, presentation slides and poster.
7. Act as one of the examiners on submission of the project.

### **Finalising Research Project proposal**

Research project proposal is the most important document at the beginning of research project. This proposal guides students to conduct research effectively though out course duration. When the students prepare a research proposal, few important factors should be taken into account such as scope of the project, motivation and possibility to complete by given time frame. The project proposal should not exceed 3-5 pages and key components of the project proposal are as follows.

1. Title : The title of the project, should not exceed 10 words
2. Proposer: Name of the investigator and the Students
3. Research Problem: The description of the problem which the student is going to solve from the research project
4. Hypothesis: A statement of the hypothesis which are being tested, or the

research question which are endeavored to answer, there should be at least one research question or maximum three research questions.

5. Background: A summary of the key relevant literature, references, or needs analysis that justifies the project

6. Aims: A statement of the expected outcomes of the project, and how they will help to address the problem

7. Objectives: An outline of the specific strategies or steps by which students intend to achieve the research aims

8. Methodology: A more detailed outline (sometimes called 'project protocol') of the actual research, data collection and analysis

9. Time Frame: A timetable or plan of the key activities or stages of the project

10. Ethics (if available): An appreciation of any ethical issues raised and how they will be addressed

### **Structure of the Thesis/Dissertation**

It is the most important document for this course and it should be in a form of a document of 30 pages and about 4000 -5000 words. When the students are composing the thesis, following structure may help to make high-quality project

- Title Page
- Acknowledgements
- Abstract
- Main text
- Introduction
- Literature Review
- Methods
- Results
- Discussion
- Conclusion
- Recommendation
- References



Atul Vidya Mandir Wardha's  
**Rajarshee Shahu Science College**

Chandur Railway Dist. Amravati



Sponsored  
**Student Research Project**

**List of Research Proposals**

**Academic Year 2022-2023**

S. N	Subject	Name of the Investigator	Name of the Students	Class	Title
1	Botany	Dr.S.P.Patharkar	Ms.Monica Jagtap Ms.Komal Kale Ms.Priti Fating Ms.Vaishnavi Deshmukh	B.Sc.II	Post harvest diseases of vegetables
3	Chemistry	Dr.A.D.Bansod	Ms.Mayuri P.Farkade	B.Sc.II	Soil Sample Testing
4	Chemistry	Dr.S.S.Padhen	Mr. Vijay Meshram Ms.Anjali Warhade	B.Sc.II	Synthesis and Charecterization of 2(Substituted Benzylideneamino) benzene Thiol
5	Chemistry	Dr.A.P.Thakare	Ms.Achal Ingole Ms.Shreya S.Jibhkate	B.Sc.I	Synthesis and Cleaning action of Soap and Detergent
6	Physics	Dr.R.N.Bhagat	Mr.Shivam Thakare Mr.Om Gorle Mr.Shreya Jaiswal	B.Sc.II B.Sc.I	Development and structural study of metal sulfide-poly (MethylMethyacrylae) composite thin film.
7	Zoology	Dr.G.B.Santape	Ms.Shreya Rajnekar Ms.Vanshika Deole	B.Sc.II	To study the diversity and phylogeny of spiders of Baslapur forest region
8	Mathematics	Dr.R.V.Kene and	Ms.Pooja Bhaise	B.Sc.II	

		Prof.M.S.Palaspagar	Ms.Saniya Sheikh Ms.Maitri Gawande	B.Sc.I	Vedic Mathematics
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**Convener**  
Dr.G.B.Santape  
Student Research Project

**Co-Convener**  
Dr.R.N.Bhagat  
Student Research Project

**Co- Convener**  
Dr.S.P.Patharkar  
Student Research Project

  
**IQAC Co-ordinator**  
Rajarshee Shahu Science College  
Chandur Riv., Dist. Amravati  
**(Dr. Minal Keche)**



  
**Principal**  
Rajarshee Shahu Science College  
Chandur Riv., Dist. Amravati  
**(Dr. Mahesh Chikhale**  
Chairman IQAC and Principal)