



RASHTRIYA ARTS, COMMERCE & SCIENCE COLLEGE, NAGAD

Tal. Kannad , Dist. Chhatrapati Sambhaji Nagar, Mobile No.8888120082

Mr.Nitin Suresh Patil

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Mr.Arjun Nitin Patil

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Principal

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Ref.No.

Date :

1.3.2

Percentage of students undertaking project work/field work/ internships

Response:

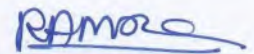
The following number of students has undertaken the project work/field work/

Internships during the last five years.

Year	No. of Student Participants
2018-19	119
2019-20	110
2020-21	60
2021-22	65
2022-23	140


Co-Ordinator




Principal
Rashtriya Arts Comm. & Science College
Nagad, Tal. Kannad, Dist. Chh. Sambhaji Nagar

Name of student – Nikhil Sanjay Jadhav

Class- TY BSC

Seat number – NAF666732

Subject - Botany

Tour report.

GAUTALA AUTRAMGHAT SANCTUARY

Place: Aurangabad District, Maharashtra

Nearest town: Kannad (3km)

Best time to visit: January to March

It is a reserved forest and protected area by Government of Maharashtra. Gautala Autramghat Sanctuary is a reserved forest and protected area in Maharashtra state. Also known as Gautala Abhayaranya, the sanctuary came into existence in 1986 when Government of Maharashtra declared sanctuary on existing reserved forest area. It is 72 km away from the Aurangabad city. It is situated in the Ajanta and Satmala hill ranges of Western Ghats in the proximity of Aurangabad and Chalisgaon.

The name Gautala Wildlife Sanctuary is derived from the adjacent village of Gautala. The Gautala village is named after Gautama Rishi, one of the Maharishis of Vedic times. A small cave which is said to be his abode exists still today. Covers a total area of 26,061.19 hectares, this bowl shaped hilly terrain has a Reserved Forest Areas of 19706 ha. in Aurangabad district and 6355.19 ha. in Jalgaon district.

Aurangabad, Kannad, Chalisgaon state Highway passes through this sanctuary. The sanctuary presents a picturesque panoramic view. There are places like Chitalkhora caves, temples, lakes and sparkling waterfalls which attracts the people towards it. Kedarkund, Sita Khori and Mahadeo Taka-Dhawal Teerth are some waterspot inside the sanctuary. Gautala Talab, a tank, has good environs.

The sanctuary associated with prehistoric and early historic religious practices. Patna Devi, an ancient temple dedicated to Parvati, attracts thousands of devotees especially during Navratra and Chaitra festivals. The temple is now under the protection of the Archeological Survey of India. The forest rest house at Patna Devi offers dormitory facilities for students. Gautala sanctuary also has a Buddhist cave temples. Hidden in the bowels of the Satmala ranges, the cave temples, popularly known as Pitalkhora, are the oldest examples of rock-cut caves in western India. The Pitalkhora or 'Brazen Glen' is located Bharmarwadi village in Aurangabad district of Maharashtra state. Nearly 40 km west of Ellora caves, it is a remarkable series of caves stands amidst a secluded gorge of spectacular natural beauty. Since the caves are located high up on the hill,, one have to climb steep steps to access these 14 Buddhist excavations, mostly monasteries. The stream is usually full of water during monsoon.

Antur Fort, is another important monument near the sanctuary. Situated at a height of 2,700 feet, it was built by the Marathas in the 15th century. It is noted for its fortification remains, doorways and a dargah with an arched structure. It also carries a carved inscription dating back to the period of Nizamshan The sanctuary also offers trekking, rock-climbing and nature study camps for adventure lovers. Jungle survival camps are also organised for students. For this one have to taken pior permission of forest officers and take assistance of a person who is familiar with the area and seek information from him. Littering and lighting of camp fires is strictly banned.

Flora

The area has dry deciduous forest with stunted tree growth. Major tree species exist in the area are Anjan, Khair, Dhawada. Tree height remains less than 10 mts. Hills tops have Sparse vegetation. Slopes are covered with Euphorbia spp. River valleys support moist zone species such as Arjun and Chandan valleys have got diversified vegetation. In the past efforts are done for afforestation area under various plantation schemes together with intensive soil and water conservation works. Grass lands at hill tops, plain growth have good growth grasses. Thus the diversified vegetation scattered intermittently support rich faunal diversity. Particularly it is good for sloth bear habitat and excellent for birds resident as well as migratory.

शाळेचे नाव :- डॉ. बाबासाहेब
आंबेडकर
महाविद्यालय नागद

Department
of

Botany

Project



वेदयाथ्याचि नाव :-

लिना मधुकर माळी.

Class :- B.SC

Year :- Third Year

Semester :- VI Semester

Subject :- Botany

* Rice *

* Botanical Name :- *Oryza Sativa*

* Family :- Gramineae or Poaceae

* Edible part :- Endosperm.

* Common name :- Rice / paddy / chawal / Dhan
In India first time cultivation started about
3000 years ago.

* Origin :- 130 million years ago in Africa
Australia and Antarctica.

* Rice :- Semi-aquatic, free tillering annual grass.

* Lower internode at base are :- Short & thick

* Internode increase in length from lower to
upper portion of plant

* Mature internode :- hollow and smooth

* Young internode :- Smooth & Solid

* Node :- Solid portion of stem, bear leaf
and bud.

* Bud is attached to upper portion of node
& is enclosed by leaf sheath.

* Bud may give rise to leaf and tillers.

* Above each node - pronounced thickening "pulv"
with intercalary meristem.

* The pulvinus may be coloured, Varying in
intensity from a "touch" of purple to a deep
uniform purple.

**RASHTRIYA COLLEGE OF ARTS COMMERCE & SCIENCE
NAGAD TALUKA KANNAD DISTRICT SAMBHAJI NAGAR**



CERTIFICATE

This is to certify that the project entitled **To study on the distribution of some nocturnal insects by "light trap method around vicinity of Andarsul village"** submitted by **Miss Sonawane Rutika Rajendra** was carried out satisfactorily under the guidance of **Dr.D.R.Patil** Asst. Professor department of zoology rashtriya college of arts and commerce and science college during the academic year 2022-2023.

Place: Nagad

Date: 23/5/2023

Patil
HEAD
Department of Zoology,
Dr. D.R.Patil,

Head of department

zoology

External Examiner.

Dr. D.R.PATIL

Research Project Guide





राष्ट्रीय महाविद्यालय
(नागद, ता. कन्नड, जि. औरंगाबाद)

Department of chemistry

Certificate

This is to certify that, dissertation entitled **-Green enantioselective aldol- condensation by using L-proline** being submitted by **Mr. AMRUTKAR SANKET RAVINDRA & Mr. PATIL DIPAK SURESH** to the Dr. Babasaheb Ambedkar Marathwada University, Aurangabad. M.S. for the partial fulfillment of the degree of **-Master of Science In Organic Chemistry** and work has been carried out under my supervision at the Department of Chemistry Rastriya Charitable Trust Sanchalit Kala Mahavidyalaya, Nagad. To the best of my knowledge, the present work is original and has not been submitted in part or full for degree to this or any other university.



Prof. Mr. Rakesh More
(Research Guide)

RAMORE
HEAD
Department of Chemistry
Prof. Rakesh More
(HOD)

External Examiner



Rashtriya Charitable Trust's

(Rashtriya Art's, Commerce and Science College, Nagad)

This is to certify that, dissertation entitled **Synthesis of ethy 2-cyano 3-(tetrazolo [1,5 alquinoline 4y) acrylates** Formyl quinolines "being submitted by **Mr. SHUBHAM PRADIP PATIL** M. Sc. II (Organic Chemistry) to the Dr. Babasaheb Ambedkar Marathwada University Aurangabad M.S. for the partial fulfillment of the degree of "Master of science in Organic Chemistry", and work has been carried out under my supervision at the Department of Chemistry, To the best of my knowledge, the present work is original and has not been submitted in part or full for any degree.

Dr. D. S. Nikumbh Sir

Principal



RAMOR
HEAD
Department of Chemistry
Mr. Rakesh A more sir

(Research Guide)

(Rashtriya ACS College, Nagad)

DECLARATION