

**Shri Shivaji Education Society Amravati's
Science College Congress Nagar, Nagpur**

**Department of Botany
Organized One Day Workshop**

On

**“Extraction of Bioactive Compounds from plant.” SESSION
– 2022-2023**

Report of One Day Workshop dated 14 March 2023

Department of Botany, Shivaji Science College, Congress Nagar, Nagpur organized one day workshop on “Extraction of Bioactive Compounds from Plants” in association with Nikalas Mahila Mahavidyalaya, Nagpur & IWSA on 14th March 2023, as a part of semester VI curriculum.

The workshop was inaugurated at the hands of Hon'ble Principal Dr. Seema Somalwar, Nikalas Mahila Mahavidyalaya, Nagpur. She highlighted the achievements of Nikalas Mahila Mahavidyalaya & guided the student participants on this occasion. Dr. Anuradha Gadkari, Ex- president IWSA was present as the guest of honor & briefed about the activities of IWSA and showered her blessings on the student participants. Dr. Monika Borikar madam introduced the guest and briefed about the workshop.

Dr. R.P.Sonwalkar Convener, Dr. Monika Borikar Co-ordinator, Prof P.S. Tiwari, Dr.R.H.Mahakhode, Monali Bulkunde were prominently present on this occasion.

During workshop madam imparted the students with the critical knowledge on Extraction of Bioactive Compounds from Plants. She briefed about the different methods used in extraction making and how extract are used to prepare the herbal products through presentation. Fourth year students of Nikalas Mahila Mahavidyalaya, Nagpur given the demonstration on extraction methods and product making.

The workshop was great success due to the able guidance and support of Principal Prof. M.P.Dhore sir & Head of Department of Botany Prof. R.N.Deshmukh.

Large numbers of students from both the colleges were actively participated in the workshop.



Convener

Dr. R.P.Sonwalkar



**Shivaji Education Society Amravati's
Science College**

Congress Nagar, Nagpur-12

- Accredited with a CGPA of 3.51 with 'A+' grade by NAAC
Begaluru A college with potential for Excellence
- Member of APQN Recognized center for higher Learning A mentor college
under Paramarsh Scheme



Department of Botany

In Association with

Nikalas Mahila Mahavidyalaya

Department of Cosmetic Technology



**Indian Women Scientists'
Association**

Jointly Organizes

One Day Workshop

On
**Extraction of Bioactive
compounds from plants**
(14th March 2023)

Prof. M.P.Dhore

(Principal
Shivaji Science
College Nagpur)

Dr. Seema

Somalwar
(Principal
Nikalas Mahila
Mahavidyalaya)

Prof.R.N.

Deshmukh
(Head
Department of
Botany)

.....**Organizing Committee**.....

Dr. R.P.Sonwalkar (Convener) **Dr. Monica Borikar**(Coordinator)

Prof. P.S.Tiwari (Member) **Dr.R.H.Mahakhode** (Member)

**Venue : Somalwar Nikalas Mahila Mahavidyalaya,
Pratap Nagar Road, Khamla, Nagpur**



Rose Water Extraction



Aloe Vera gel production



Turmeric powder



Power point Presentation



Extraction Method



Final Herbal Products

R.P. Sonwalkar

Convener

Dr. R.P.Sonwalkar

One Day Workshop
“Extraction of Bioactive Compounds from plant.”
14 March 2023

List of Students

Sr No	Student Name	Signature
1	Snehal Kalamkar	<i>[Signature]</i>
2	Shivam Dekapurwar	<i>[Signature]</i>
3	Kiran Dhenge	<i>[Signature]</i>
4	Dikshita Galbale	<i>[Signature]</i>
5	Janvi Kayarkar	<i>[Signature]</i>
6	Chaitali S. Patil	<i>[Signature]</i>
7	Falguni Shivhare	<i>[Signature]</i>
8	Ketaki Sonkusare	<i>[Signature]</i>
9	Sameer Gaurkar	<i>[Signature]</i>
10	Pratiksha Uchhasare	<i>[Signature]</i>
11	Pranali Marape	<i>[Signature]</i>
12	Madhavi Mohad	<i>[Signature]</i>
13	Samiksha Chavare	<i>[Signature]</i>
14	Lekhita Khobragade	<i>[Signature]</i>
15	Bhavna Bhujade	<i>[Signature]</i>
16	Prajwali Pohankar	<i>[Signature]</i>
17	Chinmayi Nanaware	<i>[Signature]</i>
18	Vrushali Tapare	<i>[Signature]</i>
19	Shravani Kharche	<i>[Signature]</i>
20	Tasbiha Chhaware	<i>[Signature]</i>
21	Saloni Gautam	<i>[Signature]</i>
22	Aditi Jain	<i>[Signature]</i>
23	Priyadarshini S. Pandurar	<i>[Signature]</i>
24	Gauri Nasare	<i>[Signature]</i>
25	Khushi Mishra	<i>[Signature]</i>
26	Yash Mahule	<i>[Signature]</i>
27	Megha Warade	<i>[Signature]</i>
28	Astha Bhange	<i>[Signature]</i>
29	Aditi Giri	<i>[Signature]</i>
30	Thorvi Kubade	<i>[Signature]</i>
31	Akanksha Anand	<i>[Signature]</i>
32	Prash Waghmare	<i>[Signature]</i>

32	Mohit Khade	<i>[Signature]</i>
33	Achal Sharma	<i>[Signature]</i>
34	Rohit Jambhule	<i>[Signature]</i>
35	Vedant Bongade	<i>[Signature]</i>
36	Tanisha Sukheja	<i>[Signature]</i>
37	Devyani Kaloshiya	<i>[Signature]</i>
38	Sejal Uikay	<i>[Signature]</i>
39	Ayushi Hedau	<i>[Signature]</i>

[Signature]

Convener

Dr. R.P.Sonwalkar

S.S.E.S Amt's Science College, Congress Nagar, Nagpur

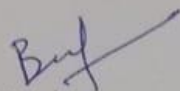
Department of Botany

NOTICE

The students of Sem VI are hereby informed that they should attend the "One day workshop on "Extraction of Bioactive Compounds from Plants" (as a part of curriculum) will be organized on 14th March 2023.

Venue- Somalwar Nikalas Mahila Mahavidyalaya, Nagpur

Time: 11.00 am.



Head

Prof. R.N. Deshmukh



Convener

Dr. R. P. Sonwalkar

Department of Botany
“Extraction of Bioactive Compounds from plant.
SESSION – 2022-2023
Feedback

Thank you for participating in the study tour! We would greatly appreciate your feedback to help us improve future tours. Please take a few moments to rate the following aspects of the tour.

1. Quality of Workshop Materials (e.g., handouts, resources)

- Excellent
- Good
- Average
- Poor

2. Organization and Structure of the Workshop

- Excellent
- Good
- Average
- Poor

3. Instructor's Knowledge and Expertise

- Excellent
- Good

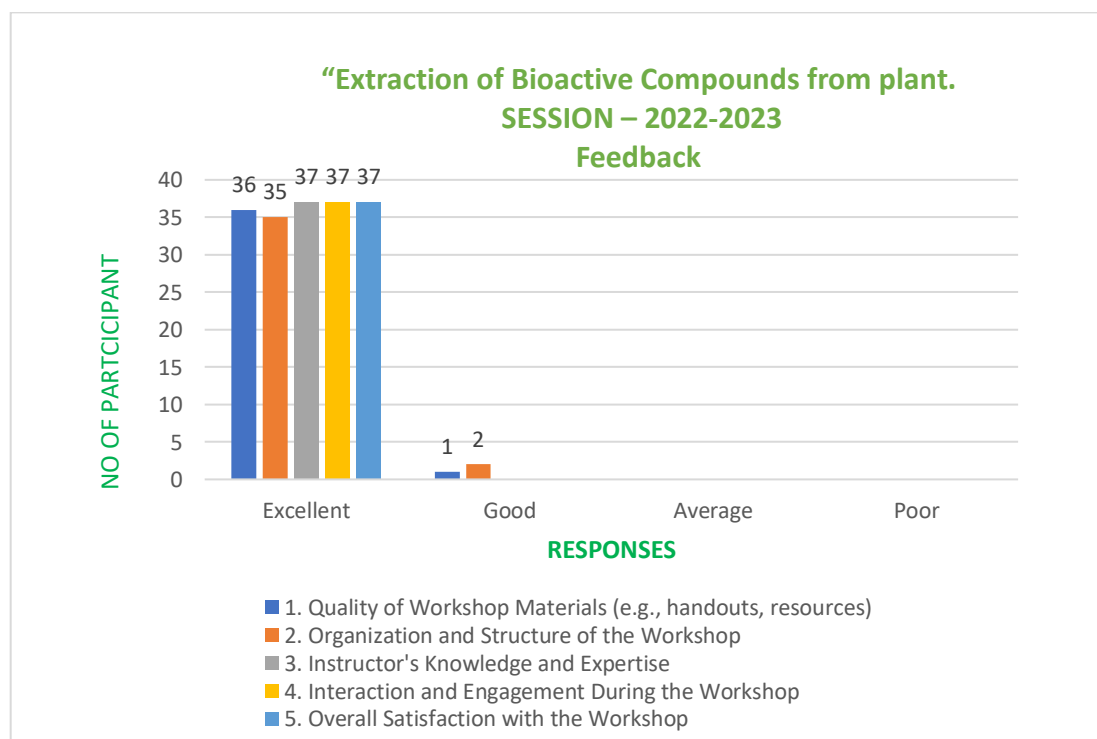
- Average
- Poor

4. Interaction and Engagement During the Workshop

- Excellent
- Good
- Average
- Poor

5. Overall Satisfaction with the Workshop

- Excellent
- Good
- Average
- Poor



Action Taken:

The one-day workshop on “Extraction of Bioactive Compounds from Plants,” held during the 2022-2023 session, was a successful event aimed at enriching students' knowledge and practical skills in plant-based bioactive compound extraction. The workshop, conducted on 14th March 2023 at Nikalas Mahila Mahavidyalaya, Nagpur, brought together students for a comprehensive experience that combined theoretical learning with hands-on practice. Prior to the workshop, extensive preparation was undertaken, including the development of a detailed agenda that balanced theoretical insights with practical demonstrations. Necessary resources such as solvents, plant samples, and extraction tools were procured, and experts in the field were engaged to lead the sessions. The workshop began with an overview of bioactive compounds, followed by a detailed explanation of extraction methods, including solvent extraction, maceration, and distillation. The highlight of the day was the practical session where students actively participated in the extraction process, applying the techniques they had learned. Participant feedback was collected through questionnaires and informal discussions, providing valuable insights into the workshop's effectiveness and areas for improvement. The feedback indicated a high level of satisfaction with the practical demonstrations, though some participants noted the need for more time dedicated to hands-on practice. To address this, it was recommended that future workshops consider extending the duration or incorporating additional practical sessions. Certificates of participation were distributed to all attendees, and follow-up resources were shared to reinforce the learning experience.