

BIODATA
(BRIEF INFORMATION)

Name of Faculty: Dr.Lalita L.Sawarkar
Institute: K Z S Science College, Kalmeshwar
<https://www.kzsscollege.edu.in/>
Department: Botany
Contact no: 9545324446/8208483450
Email id: lsawerkar5@gmail.com



1. Educational Qualification:

B. Sc.: Second division from KZS Science college, Kalmeshwar (RTM, Nagpur University Nagpur, Maharashtra) in 2006

M. Sc.: In Botany with first class from Dept. of Botany, Mahatma Jyotiba Fule Educational Campus, Rashtrasant Tukdoji Maharaj (RTM), Nagpur University, Nagpur Maharashtra in 2008

B.Ed: Second division from Bar.S.K.Wankhede college of Education; RTM Nagpur University, Nagpur Maharashtra in 2015

2. Teaching experience: UG 12 years and PG 9 years

3. Designation: Asst. Professor

4. Doctorate:

Under the guidance of

Prof.P.B.Nandkar

Topic: "Biodiesel production from algae of Vidarbha region"

Awarded by RTM Nagpur University on **28/07/2016**

Place of Research Work: Dept. of Botany, Mahatma Jyotiba Fule Educational Campus,
Rashtrasant Tukadoji Maharaj (RTM), Nagpur University, Nagpur

Field of Research and Interest:

Field of Research: Phycology

Research Interest: Phycology, Physiology, taxonomy, Microbiology, Biodiesel

5. Publications:

5.1. Number of papers published in peer reviewed journals: 07

5.2. Number of papers published in conferences/seminars/symposium:

National: 05

International: 03

6. Conferences/seminars/symposiums attended

National/state Conferences/Seminars/Symposiums attended: 40

International Conferences/Seminars/Symposiums attended: 12

7. Paper Presented in Conference/seminar/symposium attended:

National: 06

International: 02

8. Orientation/Refresher /FDP attended

Orientation: 01

FDP: 03

Refresher: 01

9. Blood donation: 01

10. Program organized in college:

- i. Organized a one day workshop on “Women diseases” at Grampanchayat Waroda On 8 January 2020 at 10 am
- ii. Organized “College level poster and Poetry competition” on occasion of International Women’s day on 8th March 2021
- iii. Organized Webinar on “Gender Equality” on 30th March 2021
- iv. On behalf of NSS Unit of College, Bramhani, was celebrated 6th International Yoga day on 21.06.2020
- v. Online quiz competition was organized by the NSS Unit on 15.01.2021 on the life history of Swami Vivekanand”
- vi. Online quiz competition was organized by the NSS Unit for students, **SAMVIDHAN DIWAS-** Constitution Day on 26.11.20
- vii. The NSS Unit of college organized webinar On “125th Birth Anniverssary of Netaji Subhash Chandra Bose” on 23.01.2021
- viii. The NSS Unit of college on the occasion of **Bhabha Punyatithi** conducted online quiz competition for college students 24.01.2021
- ix. Organized Webinar on “Ground Water Survey and Development” on 02/07/2021
- x. Organized National Webinar on “Plant Tissue Culture and it’s entrepreneurship” on 13/10/2021
- xi. Organized webinar on “Fundamental Duties of students” on 29/09/2021
- xii. Organized webinar on “Gandhian Thought” on 28/09/2021

11. Award and Honor:

- Award **second prize** for poster presentation entitled “**Lipid content of some green Algae for biodiesel**” in national conference on GREENCHEM 13

12. Research Profile Membership:(Research Gate, Google Scholar, etc)

- **Research Gate**

List of Publication References

A. Papers Published in Peer Reviewed Journals:

1. COMPARATIVE STUDY OF FIVE ALGAL MATERIALS FOR BIODIESEL” in Journal Of Harmonized Research in Applied Sciences in Volume 1(3), 2013, 88-91. ISSN 2321 – 7456
2. LIPID CONTENT OF SOME GREEN ALGAE FOR BIODIESEL in international journal of researches in biosciences, agriculture and technology ,issue (viii), vol. i, jan 2020: 80-82
3. Biochemical characterization of some Cyanobacteria in international journal of researches in biosciences, agriculture and technology, Issue (IX), Vol. II, May 2021: 28-31
4. Paper published on , “Biochemical composition of some Cyanobacteria” in the NCMR-2021 conference E-book as a book chapter. NCMR21- Peer-Reviewed Book Chapter with ISBN : 978-81-95551-4-9, March, 2021: 36-38
5. “Algae: as a source of fuel” in International E- conference in E-book ‘Current update in life sciences’ with ISBN – 9788192362182, December 2020: 161-166
6. “Biochemical composition of some cyanobacteria” in National E-conference in E-book “NCMR21- Peer-Reviewed Book Chapter” with ISBN: 978819555149, March-2021: 36-38
7. “Comparative Study of Simple Culturing Method and Photobioreactor for *Chlorella Vulgaris*” in international Peer reviewed refereed and UGC Listed Journal No.40776 with impact factor 6.399 , Volume -XI, Issue-I, January-March -2022: 161-166

B. Papers Published in Conferences/Seminars/Symposium Proceedings:

1. “BIOCHEMICAL COMPOSITION OF CYANOBACTERIA: *Nostoc elipsosporum*, *Spirulina platensis* and *Oscillatoria sp.*” in national conference on GREENCHEM 13 organised by Jawaharlal Darda Institute of Engineering & Technology, Yawatmal on 27 February 2013.
2. “BIODIESEL PRODUCTION FROM GREEN ALGAE OF NAGPUR” in International symposium and XXII Annual Conference of Indian Association for Angiosperm Taxonomy On “Innovative Prospects In Angiosperm Taxonomy” organized by Department of Botany, Sant Gadge Baba Amravati University, Amravati during October 28-30, 2012.
3. “BIOCHEMICAL COMPOSITION OF SOME CYANOBACTERIA” in one Day National conference on “Ethnobotany” organized by Jagat Arts, Commerce and Indiraben Hariharbhai Patel science college, Goregaon, Gondia on 23 rd February, 2013.
4. “LIPID CONTENTS OF GREEN AND BLUE GREEN ALGAE FOR BIODIESEL” in 1st International Conference on “Bioenergy Environment and Sustainable Technologies (BEST2013)” organized by Arunai Engineering College, Tiruvannamalai, Tamilnadu, India on January 27-30, 2013.
5. “Biodiesel liquid fuel using algal oil” in XXIII conference of Indian association for Angiosperm taxonomy and National seminar on “ Recent advances in plant taxonomy Research” organized by post Graduate Department of Botany, Rashtrasant Tukadoji Maharaj Nagpur University , Nagpur on 27th -29th December 2013.
6. “LIPID CONTENT OF SOME GREEN ALGAE FOR BIODIESEL” in National seminar on “Conservation & Sustainable Utilization of Wetland Flora” organized by Department of Botany Bhawabhuti Mahavidyalya, Amgaon, Dist-Gonida (M.S.) on 24th December 2019.
7. “Algae: as a source of fuel” in International E-conference on “Innovative Research Trends in Life Sciences” organized by Department of Life Sciences, shri shivaji college of arts, commerce and science, Akola in collaboration with Indian science congress association(amravati chapter) on 3,4,5 December 2020
8. “Biochemical composition of some cyanobacteria / BGA” in national conference on Multidisciplinary research NCMR-2021” organized by Shri Pundlik Maharaj Mahavidyalaya, Nandura On March 2021.