



Goa University

Discipline of Botany, School of Biological Sciences and Biotechnology

Report on "Botanica"

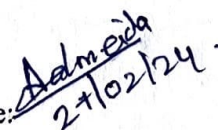
1. Title of the Event/Activity/program	Botanica
2. Date and Time	16 th February 2024, 9.30 am to 6.30 pm
3. Mode of conduct (Physical/Online)	Physical mode
4. School/ Directorate/ Section	School of Biological Sciences and Biotechnology (Botany Discipline)
5. Collaborating Agency/School/Directorate	Goa College of Agriculture
6. Detail of the Resource Person (Brief biodata)	Dr. Suresh Kunkaliker, Principal of Goa College of Agriculture, Ela Goa
7. Number of Faculty attended/participated	20
8. Number of Student attended / participated	260
9. No. of external students/faculty/other participants	5
10. The objectives of the Program/activity/event	<p>This event was conducted as a celebration of National Science Day.</p> <p>The objective of this activity were:</p> <ol style="list-style-type: none">1. To showcase the talents of students from disciplines of Goa University and colleges with their participation in various competitions requiring the knowledge of different themes of botany. Through these activities the aim was to spread knowledge among the students about botany, plant diversity, ecology, etc.2. To make students aware of demanding research

	<p>areas in the field of Agriculture through Guest lectures.</p> <p>3. To spread the awareness about the importance of millets with exhibition on different millets in association with Goa College of Agriculture.</p>
11. Description of the Program/activity/event	<p>This event started with Guest lecture on "GMO in Agriculture" by Dr. Suresh Kunkaliker, Principal of Goa College of Agriculture, Ela Goa. This was followed by talk on Importance of Millets, and exhibition of Millets by Goa College of Agriculture. After the talk session competitions for students were held on different themes like mystical woods, the botanical fantasy, Plant-lore: tales of myths, magic and superstitions, debate on Ethanomedicine and Modern Pharmaceuticals, etc. This was ended up with prize distributions.</p>
12. Benefit/Key outcomes of the Program/activity/event	<p>1. Through the lecture given by Dr. Suresh Kunkaliker, Principal of Goa College of Agriculture, students learned about GM crops their advantages, benefits and RNAi technology to control the viral disease in crop plants.</p> <p>2. The exhibition on millets gave the students exposure of the different millets grown in Goa and neighboring states and their health benefits and importance of including them in diet.</p> <p>3. The various competitions like debate competition on the topic of Ethanomedicine v/s Modern Pharmaceuticals, photography, reels on the botanical fantasy, treasure hunt, bottle painting, dance and fashion show on Plant-lore, tales of myths, magic and superstitions, etc. made students to showcase their talents and learn botany in interesting ways.</p>
13. Enclosures with report	<p>Brochure, Geo-tag photos, Attendance of students/faculty/external participants, Bio Data of resource person</p>

Signature:  22/02/2024

Coordinator: Dr. Siddhi K. Jalmi

Designation: Assistant Professor

Signature:  27/02/24

Co-coordinator: Mr. Allan Almeida

Designation: Assistant Professor

Signature:  27/2/24

Dean: Prof Bernard Rodrigues

Designation: Sr. Professor,
Botany Discipline, SBSB

Seal of School:

**Dean of School of Biological Sciences
& Biotechnology
Goa University, Goa-403206**

Brochure



<p>Faculty Coordinators</p> <p>Dr. Siddhi K. Jalmi 9158867341</p> <p>Mr. Allan J. Almeida 9158807120</p> <p>Student Coordinators</p> <p>Mr. Badal 9579734171</p> <p>Ms. Saisha 9860544275</p> <p>Mr. Fedrick 7798868955</p>	<p>2024 BOTANICA</p> <p>Prof. Bernard F. Rodrigues Dean, SBSB</p> <p>Prof. Sanjeev Ghadi Vice-Dean (Academic), SBSB</p> <p>Prof. S. Krishnan Vice-Dean (Research), SBSB</p> <p>Dr. Rupali Bhandari Programme Director (Botany Discipline)</p> <p>Faculty Members</p> <p>Prof. Bernard F. Rodrigues Prof. S. Krishnan Dr. Rupali Bhandari Dr. Siddhi K. Jalmi Dr. Aditi V. Naik Dr. Tanvi N. Prabhu Mr. Allan J. Almeida</p>
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2024
BOTANICA

Events

Time

Registration	08:30 am-09:30 am
Inaugural Function	09:30 am-10:00 am
Guest Lecture	10:00 am-10:45 am
Tea Break	10:45 am-11:00 am
PETAL palette (Glass Bottle Painting)	11:00 am-12:30 pm
PITCHER it (Phone Photography)	11:00 am-12:30 pm
CRYPTOgams (Treasure hunt)	11:00 am-01:30 pm
haloPHYTES (Debate)	11:00 am-12:00 noon
The FUNgi (Stand-up comedy)	12:00 noon-01:30 pm
Lunch Break	01:30 pm-02:00 pm
NACHni (Dance)	02:00 pm-03:00 pm
Botaniका Runway (Fashion Show)	03:00 pm-05:00 pm
Valedictory Function	05:00 pm-05:30 pm



BOTANY DISCIPLINE
School of Biological Sciences and Biotechnology (SBSB) **BOTANICA**²⁰²⁴

organizes a Guest Lecture on

GMO in Agriculture

by

Dr. Suresh Kunkaliker

Principal,
Goa College of Agriculture,
Ela, Old Goa

&

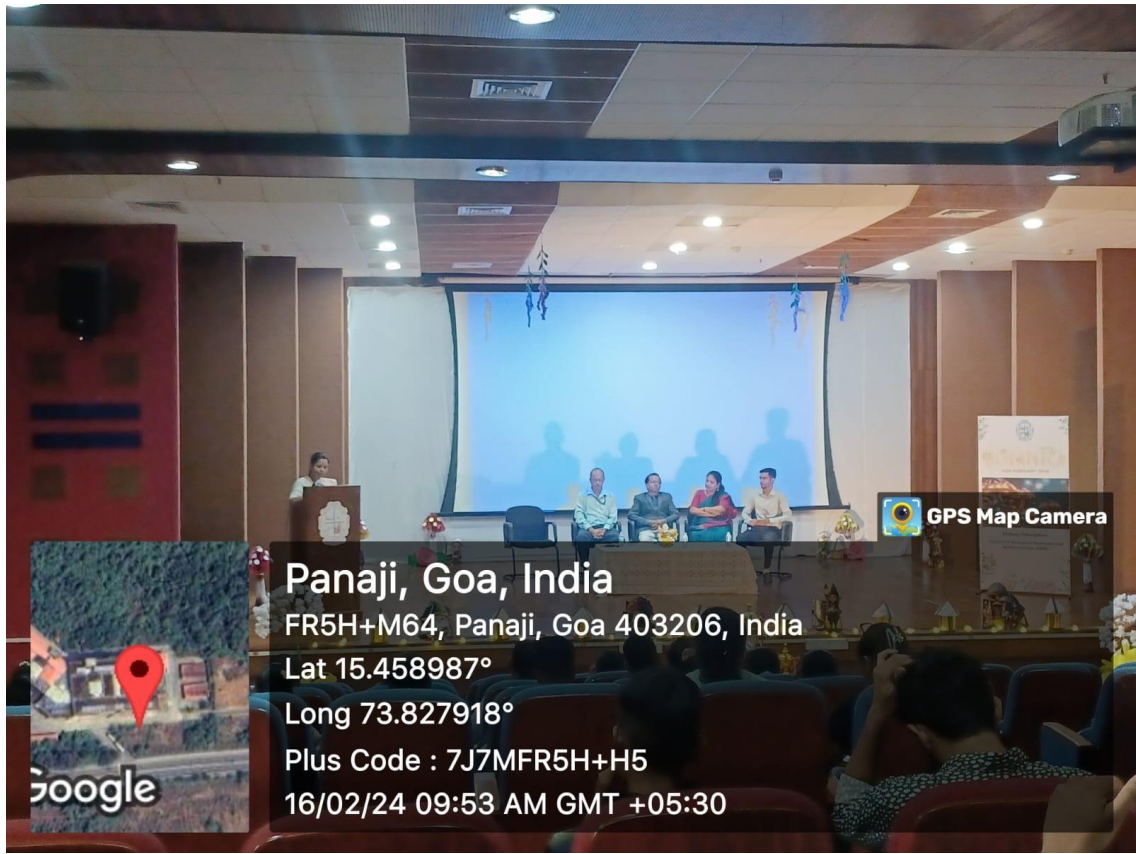
A Millet Exhibition

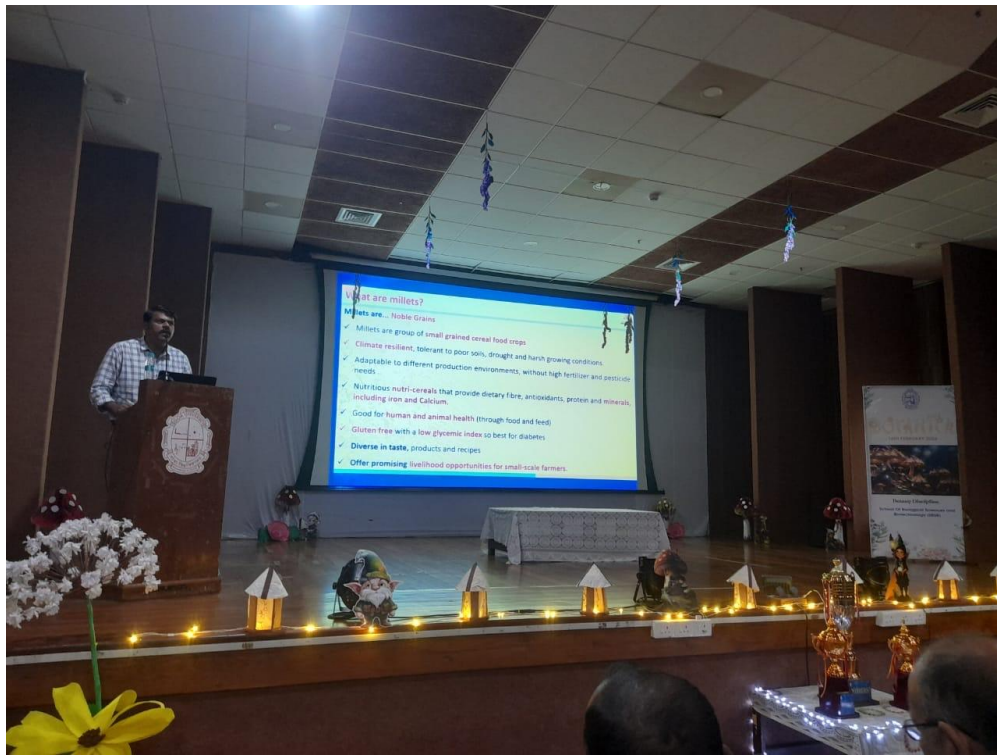
in association with
Goa College of Agriculture,
Ela, Old Goa

Prof. Bernard F. Rodrigues
Dean,
School of Biological Sciences and
Biotechnology

Dr. Rupali Bhandari
Programme Director,
Botany Discipline

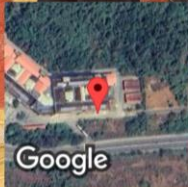
Dr. Siddhi K. Jalmi
Coordinator,
Botany Discipline







GPS Map Camera



Panaji, Goa, India
FR5H+M64, Panaji, Goa 403206, India
Lat 15.458986°
Long 73.827919°
16/02/24 11:33 AM GMT +05:30



GPS Map Camera



Panaji, Goa, India
FR5H+M64, Panaji, Goa 403206, India
Lat 15.458985°
Long 73.82792°
16/02/24 11:52 AM GMT +05:30



Attendance

Name of the College: SCHOOL OF CHEMICAL SCIENCE, GOA UNIVERSITY

Name of the team: OLEANDER

Teacher-in-charge: ~~DR~~ PRACHI TORNEY

Team leader: SAYEE NAIK

Contact no. of the team leader: 9764956771

Sr. No.	Name of the competition	Name of the participant	Sign.
1.	haloPHYTES (Debate)	1. RUPIT BHANDARI	<u>Rupit</u>
2.	CRYPTOgams (Treasure hunt)	1. JESUSLY ^{JOE} FERNANDES	<u>Joe</u>
		2. VISMAY NAIK	<u>Suy</u>
		3. PAVANRAJ NAIK	<u>Paik</u>
3.	PETAL palette (Glass bottle painting)	1. GOUTANI PILANKAR	<u>Pilankar</u>
4.	The FUNgi (Stand-up comedy)	1. VEDANT GAWAS	<u>Gawas</u>
5.	PITCHER it (Phone photography)	1. MANJEET GAUDE	<u>Gaude</u>
6.	NACHni (Dance)	1. GOUTANI PILANKAR	<u>Pilankar</u>
		2. SANGHAVI PARAB	<u>Parab</u>
		3. VANSHITA TALAULIKAR	<u>Talaulikar</u>
		4. ANKITA GAUNS	<u>Gauns</u>
		5. VEDANT GAWAS	<u>Gawas</u>
7.	BOTANI KA Runway (Fashion show)	1. RUPIT BHANDARI (NARRATOR)	<u>Rupit</u>
		2. JESUSLY ^{JOE} FERNANDES	<u>Joe</u>
		3. VISMAY NAIK	<u>Suy</u>
		4. NAMRATA NAIK	<u>Naik</u>

(ZOOLOGY DISCIPLINE)

Name of the College: SCHOOL OF BIOLOGICAL SCIENCES AND BIOTECHNOLOGY

Name of the team: GERBERA

Teacher-in-charge: Dr. Avelyno Diosta

Team leader: SHARAN SAWAL

Contact no. of the team leader: 9112053637

Sr. No.	Name of the competition	Name of the participant
1.	haloPHYTES (Debate)	1. YUKTA NAIK ✓
2.	CRYPTOgams (Treasure hunt)	1. SHARAN SAWAL ✓ 2. AKANKSHA KUSHWAHA ✓ 3. PANKAJ NAGVEKAR ✓
3.	PETAL palette (Glass bottle painting)	1. DEBBIE FERNANDES ✓
4.	The FUNgi (Stand-up comedy)	1. YUKTA NAIK ✓
5.	PITCHER it (Phone photography)	1. HARSHVARDHAN NAIK ✓
6.	NACHni (Dance)	1. NISHAT KHAN ✓ 2. SALONI SAHU ✓ 3. ROSEANN FERNANDES ✓ 4. PRATIKSHA SATARDEKAR ✓ 5.
7.	BOTANI KA Runway (Fashion show)	1. NIDA SAYED ✓ 2. DEBBIE FERNANDES ✓ 3. ROSEANN FERNANDES ✓ 4. SARITA NAIK ✓

Name of the College: GOA UNIVERSITY | Maine Science

Name of the team: Sun flower

Teacher-in-charge: MAHESHWAR NASNODKAR

Team leader: K.M. Dharani

Contact no. of the team leader: 7774833622

Sr. No.	Name of the competition	Name of the participant
1.	haloPHYTES (Debate)	1. SUMEDHA KAMBLE ✓
2.	CRYPTOGams (Treasure hunt)	1. DIKSHA SHENVIKARKAR ✓
		2. GAURAV GAWAS ✓
		3. Ceana FERNANDES ✓
3.	PETAL palette (Glass bottle painting)	1. VARSHA KUMARI ✓
4.	The FUNgi (Stand-up comedy)	1. _____
5.	PITCHER it (Phone photography)	1. ABHIDYU ASILA ✓
6.	NACHni (Dance)	1. CRISTOFER FERNANDES ✓
		2. GAURAV GAWAS ✓
		3. JANE PEREIRA ✓
		4. DHARANI K.M. ✓
		5. KRUTIKA DEVSHETY ✓
7.	BOTANI KA Runway (Fashion show)	1. DIRASHREE HALDANKAR ✓
		2. GIENNIS Da Costa ✓
		3. IRFAN K.I. ✓
		4. ABHAY PATIL ✓

Botanica
16th February 2024

Sr. No.	Seat Nos.	Name of the Student	Signature
1	23P0480001	AGNITA CIA NORONHA	<i>Ag</i>
2	23P0480002	AKHL ATCHUT KALANGUTKAR	<i>Akh</i>
3	23P0480003	BADAL SHARMA	<i>Badal</i>
4	23P0480004	CHARI ASMEETA EKNATH	<i>Chari</i>
5	23P0480005	DEUSKAR AANCHAL ASHOK	<i>Deuskar</i>
6	23P0480006	DIVEASH ANIL NAGVEKAR	<i>Diveash</i>
7	23P0480007	DIVINA FERNANDES	<i>Divina</i>
8	23P0480008	HOSAMANI DIVYA SATAPPA	<i>Hosamani</i>
9	23P0480009	JERALD JACKIE RODRIGUES	<i>Jerald</i>
10	23P0480010	KRITI	<i>Kriti</i>
11	23P0480011	LAVINA FERNANDES	<i>Lavina</i>
12	23P0480012	LIZIA L OLIVEIRA	<i>Lizia</i>
13	23P0480013	MANGUESHKAR RISHA KESHAV	<i>Mangueshkar</i>
14	23P0480014	MELUJA FERNANDES	<i>Meluja</i>
15	23P0480015	PALLAVI BABJI CHODANKAR	<i>Pallavi</i>
16	23P0480016	PEREIRA ALGRETTE	<i>Pereira</i>
17	23P0480017	PRACHI LAXMAN NAIK	<i>Prachi</i>
18	23P0480018	PRASHAKA PREMNATH NAIK	<i>Prashaka</i>
19	23P0480019	PREETY OMPARKASH SHARMA	<i>Preety</i>
20	23P0480020	PRITAM PRABHAKAR GAONKAR	<i>Pritam</i>
21	23P0480021	RASHVEETA RAMESHWAR GADEKAR	<i>Rashveeta</i>
22	23P0480022	RIYA ROHIDAS GAUNKAR	<i>Riya</i>
23	23P0480023	SADIYA IRFAN KHAN	<i>Sadiya</i>
24	23P0480024	SALONI SANDESH REVODKAR	<i>Saloni</i>
25	23P0480025	SAWANT NISHITHA DIGAMBAR	<i>Sawant</i>
26	23P0480026	SEJAL GOKUL DAS HALANKAR	<i>Sejal</i>
27	23P0480027	SHAMBHAVI NARAYAN BHANDARI	<i>Shambhavi</i>
28	23P0480028	SHREYA SANDAY NARVEKAR	<i>Shreya</i>
29	23P0480029	SHRUTIKA FANDURANG POROI	<i>Shrutika</i>
30	23P0480030	SCHAGI MARNDI	<i>Schagi</i>
31	23P0480031	SRUSHTI KISHOR NAIK	<i>Srushti</i>
32	23P0480032	SRUSTI ROHIDAS MANIKER	<i>Srusti</i>
33	23P0480033	TISHA SHAILENDRA CHANIKAR	<i>Tisha</i>
34	23P0480034	VALLANCO JEROME FERNANDES	<i>Vallanco</i>
35	23P0480035	VAZ HAZEL JOSTRIN	<i>Vaz</i>
36	23P0480036	VENICHA CARVALHO	<i>Venicha</i>

Botanica
16th February 2024

Sr. No.	Seat Nos.	Name of the Student	Signature
1	22P0480001	AROBKAR SANJANA SATISH	<i>Arobkar</i>
2	22P0480002	BARBOSA AUSTINA	<i>Barbosa</i>
3	22P0480003	BHATI MANISHA HASTIMAL	<i>Bhati</i>
4	22P0480004	CHARI HARSHADA SHAM	<i>Chari</i>
5	22P0480005	D'SOUZA PREETI	<i>D'Souza</i>
6	22P0480006	DIKSHITA SATYAWAN NAIK	<i>Dikshita</i>
7	22P0480007	GAUTAMI MUKESH JALMI	<i>Gautami</i>
8	22P0480008	GEETA RAMESH MESTRY	<i>Geeta</i>
9	22P0480009	GHADI ASHWINI RAMDAS	<i>Ghadi</i>
10	22P0480010	MALGATTI RENUKA	<i>Malgatti</i>
11	22P0480011	MALU YESHWANT SHIRODKAR	<i>Malu</i>
12	22P0480012	NAIK GAUNEKER SAMRUDHI SANIV	<i>Naik</i>
13	22P0480013	NAIK MAHESHWARI PRAKASH	<i>Naik</i>
14	22P0480014	NAIK MAHIMA DAYANAND	<i>Naik</i>
15	22P0480015	NAIK PRANALI PREMANAND	<i>Naik</i>
16	22P0480016	NAIK SHRUTIKA SUBHASH	<i>Naik</i>
17	22P0480018	NIFA COLACO	<i>Nifa</i>
18	22P0480019	NIRALI NANESHWAR TARI	<i>Nirali</i>
19	22P0480020	PARKAR DEEPSHIKA SHIVRAM	<i>Parkar</i>
20	22P0480021	PLENCY FERNANDES	<i>Plency</i>
21	22P0480022	RACHI MAHESH NAIK	<i>Rachi</i>
22	22P0480023	RIDA YASSIN MAMLEKAR	<i>Rida</i>
23	22P0480024	RUPESH RATNAKAR VELIP	<i>Rupesh</i>
24	22P0480025	RUTIKA RAJESH VASTA	<i>Rutika</i>
25	22P0480026	SAACHI PARESH RAWAL	<i>Saachi</i>
26	22P0480027	SAIKSHA SUDESH KUTTIKER	<i>Saiksha</i>
27	22P0480028	SAISHA HANUMANT DANGLI	<i>Saisha</i>
28	22P0480029	SAMIKSHA SATISH NAIK	<i>Samiksha</i>
29	22P0480030	SHET VERENKAR ARSHITA ARUN	<i>Shet</i>
30	22P0480031	SHIVANI VILAS AIYA	<i>Shivani</i>
31	22P0480032	SIDDHI RAMESH NAIK	<i>Siddhi</i>
33	22P0480034	SIMRAN SANTOSH CHARI	<i>Simran</i>
34	22P0480035	SNEHA S	<i>Sneha</i>
35	22P0480036	VAS FEDRICK JOSEPH	<i>Vas</i>
36	22P0480037	VELIP PRIYA MARUTHI	<i>Velip</i>

Biodata of invited speaker

Bio-Data



Suresh Kunkalikar
email:suranju_2000@yahoo.com
Mobile: +91-9423889770
web:www.kunkalikar.com

Address:
SF-206, Mathura,
Nandanvan complex,
Tonca, Taleigao. Goa.

Office address:
Goa College of Agriculture,
Ela, Old Goa. Goa

Personal detail:
Principal,
Goa College of Agriculture,
Ela, Old Goa. Goa

Fellowship/awards:

- Biotechnology Research Award by Maharashtra Hybrid Seeds Co Ltd.
- Junior fellowship for M. Sc. by Indian Council of Agriculture Research, New Delhi.
- Merit Scholarship for Ph.D. program.
- National Eligibility Test.

Publication:

- Book - 1
- Book chapter - 1
- Research papers - 25
- Abstracts in conferences - 30.
- Popular articles - 8.
- Technical bulletins - 10.
- Gene sequences in NCBI - 128.

Professional training:
Professional trainings - 5.

Reviewer:

- Reviewer for Post-graduate thesis.
- Reviewer for research papers.

Radio talks:
Talks on technical subjects - 5

Membership:

- American Society for Virology.
- The American Phytopathological Society.
- Indian Virological Society
- Indian Society for Mycology and Plant Pathology.
- Indian Society for Phytopathology
- Association of Plant Pathologist.

Dr Suresh Kunkalikar

Ph. D, PGDEE, PGDBM

An ambitious professional with an ability to handle administration work, lead the team, teach, undertake research, plan and execute projects in the field of agriculture, plant pathology and biotechnology.

Qualifications Summary

Demonstrated ability to perform as Institute Head and Research Scientist.

Possesses adequate leadership and analytical skills to perform job functions independently to guide and motivate Professors, Lab staff, Admin staff etc in Agriculture college.

Ability to apply original thoughts and creativity in projects, techniques, products, procedures and key deliverables areas.

- Administration.
- Teaching.
- Establishing labs.
- Planning and executing national and international projects.
- Analyzing results and data and reviewing the experimental designs.
- Presenting findings in peer reviewed journals, books and conferences.
- Supporting R&D laboratory and operation/maintenance/training on current and new laboratory equipments.
- Drawing up research proposals and applying for funding
- Testing products/materials

Fellowships/Awards

- Goa State Biodiversity Award in an individual category - 2022.
- Goa State Biodiversity Award 2021.
- Biotechnology award by Maharashtra Hybrid Seeds Co Ltd for Discovery, Innovation and publications on new viruses infecting cotton and vegetables. May, 2012.
- Junior Fellowship - Indian Council of Agricultural Research for Post Graduate studies in Plant Pathology awarded by the Indian Council of Agricultural Research, New Delhi, India (1987 to1989).
- Merit Scholarship for Ph.D. program (2000 to 2001) awarded by University of Agricultural Sciences, Dharwad.
- National Eligibility Test (NET) for Assistant professorship by Indian Council of Agricultural Research, New Delhi, India.

Academic credentials

- Ph. D. in Plant Pathology specialized in Plant Virology. 2004. University of Agricultural Sciences, Karnataka, India. O GPA-9.43/10.00. Thesis: Molecular Characterization, Cloning of Coat Protein Gene, Epidemiology and Management of Papaya ring spot virus.
- Master of Science (Agriculture) specialized in Plant Pathology. 1989. University of Agricultural Sciences, Karnataka, India. CGPA-3.75/4.00. Thesis: Studies on Powdery Mildew of Green gram (*Vigna radiata* (L) Wilczek caused by *Erysiphe polygoni*).
- Post Graduate Diploma in Business Management. 1997. Goa University, Goa, India
- Post Graduate Diploma in Ecology and Environment.1999. Indian Institute of Ecology and Environment, New Delhi, India.
- The Science and Politics of the GMO (Genetically Modified Organisms). 2016. Cornell University, USA.

Professional training

- Transgenics: Creation, Detection, Breeding and regulation. Barwale Foundation, Jalna, Maharashtra.
- Tissue culture in ornamentals. IIHR, Bangalore.
- Micro Irrigation Techniques. Govt of Israel. Goa.
- Statistical programs and analysis. University of Agricultural Sciences, Dharwad.
- Remote sensing.