



JSS MAHAVIDYAPEETHA, MYSORE
JSS COLLEGE FOR WOMEN
Affiliated to the University of Mysore & Re-Accredited by NAAC
with 'A' Grade



Department of Botany

History

JSS College for women, Chamarajanagar is one of the pioneering colleges in Chamarajanagar serving the cause of education for women in the backward, hilly, tribal, rural area. The department of Botany was established in the year 1967 when B.Sc., course was introduced in the college with CBZ (Chemistry, Botany and Zoology) combination. Since then 1000s of students have been graduated with paramount knowledge and technical skills in the subject. Most of them are engaged in teaching and research activities with post graduate degrees. Many of them are serving in various departments like sericulture, agriculture, medicine, forestry including banking. Some have excelled at the university level securing high percentage of Marks.

Programs offered : B.Sc in CBZ

Objectives

- 1.To comprehend functional categories in plant sciences.
- 2.To develop a strong foundation in fundamental science for scientific understanding.
- 3.To develop and promote scientific literacy among students.
- 4.To equip young women with aptitude and respect for nature.

Outcome of the subject -- Botany

1. Apply reasoning informed by the contextual knowledge to assess plant diversity, its importance for society, health, safety, legal and environmental issues and the consequent responsibilities relevant to the biodiversity conservation practice.. Environment and sustainability:
- 2.Understand the impact of the plant diversity in societal and environmental contexts, and demonstrate the knowledge of, and need for sustainable development.
- 3.Ethics: Apply ethical principles and commit to environmental ethics and responsibilities and norms of the biodiversity conservation.

Vision

To motivate them for Botanical ventures, to reap the maximum benefits of plant knowledge and to cater them to the welfare of the society

Mission

- ☉ Spreading Herbalism

Motto of the Department

- ☉ No plants- No life on earth
- ☉ Go green

FACULTY PROFILE



Name	1. N.GAYATHRI DEVI
E - Mail	gayathridevigatu@gmail.com
Contact Number	8050684736
Qualification	M Sc . M Phil
Designation	Assistant Professor & H.O.D
Department	Botany
Area of specialization	Microbiology & Aerobiology
Teaching experience	30 years

Trainings attended:

TQM in Higher education, Mysuru	Basudev Somani College Mysuru.	16 th , 17 th and 18 th March, 2006
Training for NSS officers	Mahajana college, Mysuru	2008
Refresher course	Academic staff college, Mysuru.	08/12/2011 to 28/12/2011
Orientation programme	Academic staff college, Mysuru.	07/12/2012 to 03/01/2013
Refresher course	Academic staff college, Mysuru.	02/12/2014 to 22/12/2014
2 days National level Faculty development program –Webinar on “ e	JSS college of Arts, Commerce, Gundelpet	22nd to 23 rd June, 2020

– content preparation of online classes using ICT tools “		
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Improvement for professional competence:

Name of the seminar/ conference/symposia etc attended	Name of the Institution	Date
Organised a special lecture on “Adolescent problems”	JSS PU college for Women,Saraswathipuram Mysore	2006
Organised a special lecture on “Mary Curie”	JSS PU college for Women,Saraswathipuram Mysore	2007
Organised a special lecture on “jewels of Plant Kingdom”	Department of Botany,JSS college of Arts, Commerce and Science, Ooty road, Mysore	2012
Organised a special lecture on “Plant Science of Jatropha & Bio Diesel Production” under Star College Scheme	Department of Botany ,JSS college of Arts, Commerce and Science, Ooty road, Mysore	20/09/2013
Genetically modified crops and food security(Seminar)	Department of Botany ,JSS College for Women, Chamarajanagara in association with Dept of Science and Technology, KSTA,Govt. of Karnataka	5 /3/ 2013
Orientation programme on cyber techniques	JSS college of Arts, Commerce & Science,Ooty road, Mysore	23/03/2013
Recent trends in Chemical Biology :An overview (UGC sponsored National conference)	Teresian college, Mysore	25 & 26/10/2013
Curriculum development in science subject (Workshop)	JSS College of Arts, Commerce and Science, Ooty Road, Mysore	31/12/2013
KSTA regional conference on “Science and Technology for Education & Health Care”	JSS college of Arts, Commerce & Science,Ooty road, Mysore	21 & 22/02/2014
Leelavathi ganitha (UGC sponsored State level	JSS College for Women, Chamarajanagar	7/3/2015

seminar)		
Science for Nation building (Seminar)	JSS College, Chamarajanagara in association with Dept of Science and technology, KSTA, Govt. of Karnataka	10/3/ 2015
Organiser of Drama Workshop (1 Month)under Alumnae Drama was enacted on 6/03/2015	J.S.S College for Women, Chamarajanagara	1/02/2015 to 29/02/2015
Make in India; Science & Technology driven Innovations(organizer)	JSS College, Chamarajanagara in association with Dept of Science and technology, KSTA, Govt. of Karnataka	9/3/ 2016
103 rd The Indian Science Congress	The Indian Science congress in association with University of Mysuru	03 to 07/01/ 2016
“Vikasana” Personality development camp	V-LEAD, Mysuru	29/9/2016
“Parisara manana” Workshop	Parisara nisarga Samstae in association with University of Mysuru,	20/12/2016
Organiser of 2 days Skill development Workshop under Alumnae	J.S.S College for Women, Chamarajanagara	2015
Organiser of Personality development programme under Alumnae	J.S.S College for Women, Chamarajanagara	20/09/2017
“ National Science open lecture series”	J.S.S College for Women, Chamarajanagara in association with KSTA	2/02/2017
“ Ornamental Plants Scope, opportunities & Challenges (National Seminar)	Maharani’s science college for women, Mysuru	21 st and 22 nd , Mar 2017
“Intellectual property rights- significance in research and business”(State level workshop)	Teresian College, Mysuru	5/02/2018

“Biotechnological Solutions For Sustainable Environmental Management” (National Conference)	D.O.S & Research in Environmental Science,Tumkur University, Tumkur	15/2/2018
“Science for Human Welfare”(Seminar)	J.S.S College, Chamarajanagara in association with KSTA	23/02/2018
“Sustainable Green Energy Technology for a Brighter Future of the Nation” (National level workshop)	Teresian College, Mysuru	9/03/2018
“Biofarming for Sustainable Agriculture” (UGC sponsored Community college programme National seminar)	Maharani’s Science College, Mysuru	13 & 14/3/2018
“Innovations in Science & Technology for Healthy Society” (KSTA, Bangalore sponsored National seminar)	AVK College for Women, Hassan	28/3/2018
Organiser of ‘CBCS-CGPA’(One day District level seminar) under IQAC	JSS College for Women, Chamarajanagar	4 th sep, 2018
Participated in a discussion about the Disaster management at Kerala & Kodagu(Yellappa reddy varadi)	Dinabandu ashrama, Chamarajanagara	10/09/2018
Recent Trends in Biodiversity & Human Welfare” (Lecture Workshop)	JSS college for Women,Saraswathipuram Mysore	9 & 10/01/2019
“Towards Sustainable Lifestyles & Inclusive Societies” Master Classes in “Greening of Campus & Learning from Nature Biomimicry for Sustainability” (International conference)	St. Philomena’s college, Mysuru in association with TSPn& Xavier Board Of Higher Education	8 th & 9 th Feb 2019
“PARAMARSH”- UGC Scheme for Mentoring NAAC Accrediation Institutions to promote Quality Assurance in Higher Education (Orientation Programme)	JSS college for Women,Saraswathipuram Mysore	10/02/2020

“Frontier Lecture Series on Biological Sciences” UGC sponsored programme for Enrichment of Teachers Under CPE Scheme	JSS college of Arts, Commerce & Science, Ooty road, Mysore	26/02/2020
‘Innovations & Challenges in Life Science’ (UGC sponsored State level seminar)	JSS college of Arts, Commerce & Science, Ooty road, Mysore Jss College Ooty road Mysore	5 th March 2020
‘Emerging trends in Plant Sciences’(UGC sponsored State level seminar)	JSS college of Arts, Commerce & Science, Ooty road, Mysore	9 th March 2020
“ Current technologies of Solid waste Management in India & Covid -19 Waste Dispersal” (National Webinar)	St. Joseph’s First Grade College, Mysuru	10/06/2020
“ Memory Secrets for Teachers” (National Webinar)	M.L DAHANUKAR College of Commerce, Mumbai	15/06/2020
“ Post Covid World order” (National Webinar)	DNLU, Jabalpur	27/06/2020
Coping with Higher Education .Research & Employability during & after Pandemic “ (International Webinar)	Anugrah Narayan Singh College, Barh	28/06/2020
“ Can Creativity & Innovation Be taught to Students? ” (National Webinar)	Department of Economics, Bharathiar University, Coimbatore	1/07/2020
Mountaineering : A Journey of Excitement & Adventure “ (International Webinar)	Mountaineer Ravikumar Foundation of India	5/7/2020
“ Recent trends in Plant Genetics & genomics” (International Conference)	Vellore Institute of Technology	7/7/2020
“ Impact of Covid -19 on Indian Tourism Sector Challenges& responses”	JSS college of Arts, Commerce & Science, Ooty road, Mysore	4/8/2020
“Recent Developments in Plant Science”(Webinar)	JSS college for Women, Saraswathipuram Mysore	6/8/2020
“Advances in Plant Sciences”	Maharani’s Science College for Women, Bangalore	13 & 14/08/2020
74 th Independence Day E Quiz	Government College For Women, Maddur	16/8/2020

“Advances & opportunities in Plant Science”	Sarada Vilas College	26/08/2020
One day National Webinar on “Role of Botanists in developing Urban Green Spaces and Plant Conservation”	J.S.S College for Women, Chamarajanagara	10/09/2020

\ **B.O.S/B.O.E details**

- 1) BOS Chairperson of **Botany** (UG) JSS college of Arts, Commerce & Science, Ooty road, Mysore- 2012–13, 2013-14
- 2) BOE Chairperson of **Botany** (UG) JSS college of Arts, Commerce & Science, Ooty road, Mysore- 2012–13, 2013-14
- 3) Co-ordinator of COC –Horticulture, JSS college of Arts, Commerce & Science, Ooty road, Mysore – 2012–13, 2013-14
- 4) BOE member of Botany St. Philomena’s College, Mysore - 2018 – 20
- 5) BOE member of EVS Mysuru University (UG) – 2018 – 19
- 6) BOE Chairperson of EVS Mysuru University (UG) – 2020- 21
- 7) BOE member of Botany, Mysuru University (UG) – 2020 - 21

Others

Responsibilities held:

As NSS officer	JSS PU Women’s College, Saraswathipuram, Mysuru	From 2009 to 2010
NSS camp organized	Hadinaru	From 20 th to 26 th dec 2009
CET coaching classes Co-ordinator (Biology)	JSS PU Women’s College, Saraswathipuram, Mysuru	2006 -08
Time table committee Co- ordinator	JSS PU Women’s College, Saraswathipuram, Mysuru	2007-2008
College Magazine Editor	JSS PU Women’s College, Saraswathipuram, Mysuru	2008-2009
Member of Examination Committee	JSS PU Women’s College, Saraswathipuram, Mysuru	2006-08

Member of Admission Committee	JSS PU Women's College, Saraswathipuram, Mysuru	2008-2010
Office Superintendent of II PU Final Examination	JSS PU Women's College, Saraswathipuram, Mysuru	2007-2008
Answer Paper Custodian of II PU Final Examination	JSS PU Women's College, Saraswathipuram, Mysuru	2008 & 2009
Examination Committee Co-ordinator	JSS PU College, Nanjanagud	2010-2012
Answer Paper Custodian of II PU Final Examination	JSS PU College, Nanjanagud	2010 & 2011
Star college Scheme member And Botany department Co.ordinator	JSS college of Arts, Commerce & Science, Ooty road, Mysore	2012-2014
Academic report Committee member	JSS college of Arts, Commerce & Science, Ooty road, Mysore	2013-2014
H.O.D of Botany Department	JSS college of Arts, Commerce & Science, Ooty road, Mysore	2012-2013
UGC Committee member	JSS College for Women, Chamarajanagar	2014-2017
RUSA Committee member	JSS College for Women, Chamarajanagar	2014-2017
Admission Committee member	JSS College for Women, Chamarajanagar	2014-2017
N.S.S committee member	JSS College for Women, Chamarajanagar	2014 – 16 2017- 2020
Library committee member	JSS College for Women, Chamarajanagar	2017 –2020

Hostel committee Co-ordinator	JSS College for Women, Chamarajanagar	2015-2016
IQAC Co-ordinator	JSS College for Women, Chamarajanagar	2016 -17 2017-18 2018-19 2019-20
NAAC Steering Committee Member	JSS College for Women, Chamarajanagar	2017-2020
Alumnae Co- ordinator	JSS College for Women, Chamarajanagar	2014-2015 2015-2016
Stock Verification Committee Co-ordinator	JSS College for Women, Chamarajanagar	2014-2020
Co - ordinator of Plant Club	JSS College for Women, Chamarajanagar	2015-2020
Organizer of Special lectures & activities under Plant Club	JSS College for Women, Chamarajanagar	2015-2020
Organiser of District level 1 day Seminar on CBCS-CGPA	JSS College for Women, Chamarajanagar	4/07/2018
Organiser of Drama workshop for Students (Alumnae)	JSS College for Women, Chamarajanagar	2014
Organiser of Personality Development Program for Students (Alumnae)	JSS College for Women, Chamarajanagar	2015
Organiser of Study Tour& field Visits	JSS College for Women, Chamarajanagar	2012 to2020
H.O.D of Botany Department	JSS College for Women, Chamarajanagar	From 2014

NIRF Co-ordinator	JSS College for Women, Chamarajanagar	2020-21
Anti-ragging and Anti-women harassment cell convener	JSS College for Women, Chamarajanagar	2020-21

Service organizations:

1. Member of MUPCTA
2. Life member of Indian Science Congress
3. Member of Heritage Conservation Committee,
Urban Development Authority, Chamarajanagara

Socio –Cultural activities: Participated in Blood donation camp

	REVANAMBA B M Sc M Phil Assistant Professor
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PROFILE

Name	REVANAMBA B
Date of Birth	12. 09. 1968
E - Mail	revanambab.shanmukh@gmail.com
Qualification	M Sc M Phil
Designation	Assistant Professor
Department	Botany
Area of specialization	Tissue culture
Teaching experience	10 yrs as guest faculty Since 13 yrs as a regular faculty
Experience: As a guest faculty	
Government college for Women, Mandya	From 13/08/1991 to 18/12/1992
Government college for Boys, Mandya	From 13/08/1992 to 31/03/1993
JSS college of Arts, Commerce and Science, Ooty road, Mysore	From 1993 to 2000
MariMallappa P U College, Mysore – 24	From 1993 to 1995
As a regular faculty	
JSS P U College, Ooty Road, Mysore	From 03/01/ 2005 to 2010
JSS Women's PU College, Saraswathipuram Mysore	From 2010 to 2012

On redeployment	
AVK College for Women, Hassan	From 12/05/2012 to 05/ 01/2013
Maharani's Science College for Women, Mysore – 05	From 07/01/2013 to 31/03/2016
JSS women's college, Chamarajanagar	From 01/04/2016 to

Academic Qualification:

Exam passed	University	Subjects	Year	Grade
B Sc	Mysuru	Botany, Zoology & Sericulture	1989	First class
M Sc	Mysuru	Botany	1991	First class
M Phil	Salem university, Tamil Nadu	Botany	2009	First class

Service organizations: 1. Member of MUPCTA
2. Life member of Indian Science Congress

Socio –Cultural activities: Participated in Blood donation camp

Responsibilities held:

As NSS officer	In JSS Women's College, Mysuru	From 2010 to 2012
NSS camp organized	Basahallihundi	From 20 th to 26 th Nov, 2010
Convener of Red ribbon Club	In JSS Women's College, Mysuru	2011 – 12
Member of Hostel committee	Maharani's Science College for women, Mysuru	2014 – 15
Member of Time table committee	Maharani's Science College for women, Mysuru	2014 – 15 2015 – 16
Member of Lalithakalasangha	Maharani's Science College for women, Mysuru	2014 – 15 2015 – 16
Treasurer of 'MYMA' plant club, Botany department	Maharani's Science College for women, Mysuru	2014 – 15
Member of Cultural committee	Maharani's Science College for women, Mysuru	2015 – 16
Member of Sports committee	Maharani's Science College for women, Mysuru	2015 – 16

Worked as a National level conference organizing committee member of Sanskrit dept	Maharani's Science College for women, Mysuru	23 rd Aug, 2015
Convener of Anti-ragging and Anti-women harassment committee	JSS college, Chamarajanagar	2016 -17 2017-18 2018-19 2019-20
Member of Time table committee	JSS College, Chamarajanagar	2018-19 2019-20 2020-21
Member of Alumni association	JSS college, Chamarajanagar	2016- 17 2018-19 2017-18
Member of NAAC steering committee	JSS college, Chamarajanagar	2016- 17 2017-18
Member of IQAC committee	JSS college, Chamarajanagar	2016- 17 2017-18
Member of Admission committee	JSS college, Chamarajanagar	2018-19 2020-21
Member of UGC committee	JSS college, Chamarajanagar	2019-20 2020-21
Member of NSS committee	JSS college, Chamarajanagar	2020-21
Convener of redressal and grievance	JSS college, Chamarajanagar	2019-20
Convenor of IQAC	JSS college, Chamarajanagar	2020 -

Any other information :

- 1) Participated in Intercollegiate faculty Shuttle Badminton tournament and won two prize
- 2) Offering free coaching to students and serving downtrodden people

Details of contributions in teaching:

1. Students are motivated to write science articles to publish on the notice board and college magazine
2. Micrprojects are assigned to students
3. Students are taken to Botanical trips

Curriculum:

- 1) BOE member of St. Philomena's College, Mysuru - 2016 – 18
- 2) Being a member of Department Plant club, assisted in organizing special lectures and other activities
- 3) As a convener of Anti-ragging and Anti-women harassment cell, to create awareness among students organized Special lecture from Police Sub-Inspector and Lawyer
- 4) Conducted many competitions for students from Anti-ragging committee
- 5) BOE Chairman of Botany, Mysuru University (UG) - 2018 - 19
- 6) BOE member of Botany, Mysuru University (UG) – 2019 – 20

- 7) BOE external member of Botany dept, Yuvaraja College, Mysore 2021
- 8) Participated in ‘Poster Competition’ held in University college Tumkuru on 16th Feb, 2018
- 9) Chaired a session in national level seminar in University college Tumkuru on 16th Feb, 2018

Seminars / Conferences / workshops participated:

State level	National level	International level
23	19	07

Organised programmes:

Special lectures	Webinar	Rally	Science exhibition	Competitions
10	01	Organised a rally for the students against women harassment On International Women’s day from Maharani’s science college for women, Mysuru, on 8th March 2014	01	Various competitions conducted for students like Seminars, Floral arrangements, PPT, Mime, Essay writing, Poster presentation, Skits, Best slogans

Department Programs under Plant club



- ☉ Herbal garden
- ☉ Special lectures
- ☉ Field visits for the study of plant diversity, identification & collection
- ☉ Botanical trip to Botanical gardens, Sea coasts for the study of plants
- ☉ Visit to Science Institutes & Research centers
- ☉ Organising competitions to Students (related to Botany)
- ☉ Other Botany related activities

Maintenance of Herbal garden by Plant Club members





Visit of Retired Botany Professor to Herbal garden



Special lectures



‘Microbes-Friend or Foe’ by Dr. Raghavendra M.P



‘Role of Plants on Earth’ by Prof. B.Sathyanarayana



Current Environmental issues’by Dr.Suresh B



**Momentousness of Indoor plants’
By Dr. Vinay Raghavendra**



**‘Genetically Modified Crops ‘ by
Dr.Srinivas C**



**‘Values of Nature’ by Prof.
G.S.Jayadev**



Congregation of Retired Botany Professors

Field visits for the study of plant diversity, identification & collection

College Campus plants survey



Botanical trip to Botanical gardens, Sea coasts for the study of plants & Visit to Science Institutes , Research centers

Ooty trip



Visit to Louis Pasteur institute





Yaana



Gokarna



B.R Hills



**Visit to Institute of excellence,
Manasagangotri, University of Mysore**

Visit to Government medical
college, Chamarajanagar



Student Competitions

Students seminars



Poster Presentation



Floral arrangements



PRIZE DISTRIBUTION



Issued certificates to the students who did Internship

Team of Botany students who finished internship at KVK along
with Principal



Best practices

- ◎ Student feed back about the department
- ◎ Cash & book awards to subject toppers
- ◎ Faculties provide personal subject books to students for their higher studies
- ◎ Motivating the students for PPT, Poster presentation, debate, Model preparation etc