

**JSS College for Women (Autonomous),
Saraswathipuram, Mysuru-09**

Department of Biotechnology

Sl. No	Particulars	Details		
1	Name and Designation	Dr. Abhijith M Singh Assistant Professor & Head		
2	Department	Biotechnology		
3	Education Qualification	M.Sc, M.Phil., Ph.D (KSET Qualified)		
4	Email Address	singhabhijith@gmail.com		
5	Experience	17 years		
Research and Development				
6	List of Publications	List enclosed (Annexure-1)		
7	Conferences Attended	List enclosed (Annexure-2)		
8	Training Programs attended	List enclosed ((Annexure-2)		
9	Research and Development projects submitted	-		
10	Research and Development projects Awarded	--		
11	Research Interests	1. Plant Biotechnology 2. Environmental Biotechnology 3. Genetics		
12	Member- Board of Studies & Board of Examiners			
Sl No	Year	BOS/BOE member	Name of the College	
1	2016	Board of Examiners	Yuvaraja’s College, Mysore	
2	2016	Board of Examiners	JSS College of Arts, Commerce & Science	
3	2016	Board of Studies	St. Philomena’s College, Mysore	
4	2016	Board of Examiners	St. Philomena’s College, Mysore	
5	2017	Board of Studies	Yuvaraja’s College, Mysore	
6	2017	Board of Studies	St. Philomena’s College, Mysore	
7	2018	Board of Studies	Yuvaraja’s College, Mysore	

8	2018	Board of Examiners	Yuvaraja's College, Mysore
9	2019	Board of Examiners	Yuvaraja's College, Mysore
10	2020	Board of Examiners	Yuvaraja's College, Mysore
11	2020	Board of Studies	St. Philomena's College, Mysore
12	2020	Board of Studies	Yuvaraja's College, Mysore
13	2021	Board of Examiners	Bharathi College, Mandya
14	2021	Board of Examiners	Yuvaraja's College, Mysore
15	2021	Board of Examiners	Maharani's Science College, Mysore
16	2022	Board of Examiners	Yuvaraja's College, Mysore
17	2022	Board of Examiners	Bharathi College, Mandya
18	2022	Board of Studies	Yuvaraja's College, Mysore
19	2022	Board of Examiners	SBRR Mahajana's FGC, Mysore
20	2023	Board of Studies	Yuvaraja's College, Mysore
21	2023	Board of Examiners	St. Philomena's College, Mysore
22	2023	Board of Examiners	Govt. Science College, Hassan
23	2023	Board of Studies	Yuvaraja's College, Mysore
24	2024	Board of Examiners	Govt. Science College, Hassan
25	2024	Board of Studies	Yuvaraja's College, Mysore
26	2024	Board of Examiners	Bharathi College, Mandya
27	2025	Board of Examiners	Bharathi College, Mandya
28	2025	Board of Studies	Bharathi College, Mandya

Annexure-1

1. Therapeutic plants with Antidiabetic Properties: A review. JSSCW QUEST-Journal of Science Humanities, Commerce & Management, March 2025, Volume 8 Issue 1, ISSN 2321-0052
2. Human metapneumovirus-An Old Virus in the New World. JSSCW QUEST-Journal of Science Humanities, Commerce & Management, March 2025, Volume 8, Issue 1, ISSN 2321-0052
3. Antimicrobial Potentials of some India Spices: A Review. JSSCW QUEST-Journal of Science Humanities, Commerce & Management, March 2025, Volume 8, Issue 1, ISSN 2321-0052
4. A review on In -vitro Assays to investigate the Anti Inflammatory Activity of Plant extracts. JSSCW QUEST-Journal of Science Humanities, Commerce & Management, March 2025 Volume 8 Issue 1, ISSN 2321-0052
5. Book Chapter Publication : Ethnomedicinal Plants for the treatment of Hypertension. Hypertension - The Silent Killer . ISBN: 978-93-6252-037-1. Dr Abhijith , Dr Udayashankar AC.

6. Advances in Agricultural and Industrial Microbiology pp 61–80- Rhizobacterial Biostimulants: Efficacy in Enhanced Productivity and Sustainable Agriculture. S. Niranjana Raj, S. N. Lavanya K. Narasimha Murthy, Abhijith M. Singh, A. C. Udayashankar
7. Book Chapter publication ; Societal Landscape and Lifestyle Diseases - Inflammation And Anti-Inflammatory Activity Of Plants- ISBN 978-81-19001-33-0. Dr. Abhijith M Singh, Dr. Sumana K, Dr. Rekha ND , Dr. Udayashankar A C.
8. Phytochemical Analysis and Evaluation of Antimicrobial, Antioxidant, Anti-inflammatory and Antiangiogenic activities of Methanol extract of *Urochloa ramosa* RJPT, 2022.
9. Phytochemical screening, antimicrobial, anti-inflammatory and anti-cancerous activities of ethanol and hexane extracts of *Urochloa ramosa*, PST 2021.
10. Phytofabrication of nanoparticles through plant as nanofactories- Advances in Nanofertilizers and Nanopesticides in Agriculture – A smart delivery system for crop improvement- page No. 153-163, 2021. (Book Chapter)
11. Effect of cholesterol in the hydrolysis of oxidized phospholipids in different phosphatidyl choline membrane by PLA2, IJAR-2(8) 177-181, 2016.
12. A comparative study on fungal (*Aspergillus niger*) amylase and elephant foot yam (*Amorphophallus campanulatus*) amylase with yam starch as substrate IJAR 2 (6), 1006-1010 2016.

Annexure-2

FDP/Webinar/Conference/workshop/Orientation Programs /Refresher course /Short term course				
1.	11-03-2017	Workshop	UGC Sponsored one day workshop on Choice Based Credit System	JSS College for Arts, Commerce and Science, Ooty Road , Mysuru
2.	15-03-2017	Workshop	Bioinformatics – A Practical Workshop on Design, Techniques and Tools	JSS College for Arts, Commerce and Science, Ooty Road , Mysuru
3.	21-06-2017	Orientation Programme	Largest Yoga Lesson – Single venue	Mysore District Administration
4.	24/11/21 & 25/11/17	Conference	Science, Technology and Society	JSS College for Arts, Commerce and Science, Ooty Road , Mysuru
5.	27-12-2017	Workshop	Implementation of CBCS Scheme for the Academic Year 2018-19	College Development Council, University of Mysore
6.	21-02-2018	Participated as Judge	Mysore University Level Scientific Modelling	MMK & SDM MMV College, Mysuru.
7.	03-03-2018	Workshop	Harnessing Potentialities of Teachers for Stakeholders' Delight	JSS College for Women (Autonomous) , Mysuru
8.	06-12-2018	Participated as Judge	P. Vanishree Memorial Inter-School Science Seminar Competition	Bhagini Seva Samaja Educational and Cultural Trust, Mysore
9.	22-02-2018	Conference	Scientific Advancements for Sustainable	MMK & SDM MMV College,

	23-02-2018		Development	Mysuru.
10.	09/11/18 to 11/11/18	Organising Member	Conference National Women`s Science Congress	JSS College for Women (Autonomous) , Mysuru
11.	9/1/2019 to 10/1/2019	Workshop	Two Days Workshop on Recent Trends In Biodiversity and Human Welfare	JSS COLLEGE FOR WOMEN Saraswathipuram, Mysuru-09
12.	6/11/2019 to 7/11/2019	FDP	UGC Sponsored Faculty Induction Program	JSS College of Arts ,Commerce and Science Ooty Road, Mysore
13.	15/2/2020 to 16/2/2020	Conference	Sri Jayachamarajendra Wadiyar`s 100 th Birth Anniversary	JSS COLLEGE FOR WOMEN Saraswathipuram, Mysuru-09
14.	10/7/2020 to 12/7/2020	Webinar	Emerging Trends and Prospects in Biotechnology	he Oxford College of Science Bangalore
15.	14/7/2020	International Webinar	Research Methods:Trends In The Use Of Tools And Technique	JSS COLLEGE FOR WOMEN Saraswathipuram, Mysuru-09
16.	3/8/2020	Webinar	Famine And Plague:Social Distress In 19 th Century Mysore	JSS COLLEGE FOR WOMEN Saraswathipuram, Mysuru-09
17.	6/8/2020	Webinar	Recent Development In Plant Science	JSS COLLEGE FOR WOMEN Saraswathipuram, Mysuru-09
18.	5/8/2020	Webinar	Transgenic Crops: Trends And Threats	JSS COLLEGE FOR WOMEN Saraswathipuram, Mysuru-09
19.	10/8/2020	Webinar	Chemistry Behind Biocomposting And Biogasification- Sustainable Way Of Managing Organic Waste	JSS COLLEGE FOR WOMEN Saraswathipuram, Mysuru-09
20.	25/6/2021	National Webinar	Plant Associated Beneficial Bacteria- Structure And Function	PES College of arts commerce and science mandya
21.	30/6/2021 to 1/7/2021	National Webinar	Nurturing Leadership	JSS COLLEGE FOR WOMEN Saraswathipuram, Mysuru-09
22.	22/7/ 2021	International Webinar	Frontieres In Cellular And Molecular Biology	MMK-SDM,MMV Mysore
23.	30/7/2021	National Webinar	E Content Development	JSS COLLEGE FOR WOMEN Saraswathipuram, Mysuru-09
24.	13/2/2023	National webinar	Advances In Material Science	JSS COLLEGE FOR WOMEN Saraswathipuram, Mysuru-09
25.	28/1/2024	National Conference	The Warrior Of Real Independence Netaji Subhash Chandra Bose	JSS COLLEGE FOR WOMEN Saraswathipuram, Mysuru-09
26.	24/7/2024	Workshop	Capacity Building for Teachers	JSS COLLEGE FOR WOMEN Saraswathipuram, Mysuru-09
27.	18/11/ 2024 to 26/11/2024	FDP	NEP 2020 Orientation Programme	MMTTC, RIE, Mysore
28.	30/9/2024	International Webinar	Biozone Research Developments In Stem Cell Biology	MMK-SDM,MMV Mysore
29.	15/2/ 2025	Workshop	Research Methods: Trends in the Use Of Tools and Techniques	JSS COLLEGE FOR WOMEN Saraswathipuram, Mysuru-09