

PERSONAL PROFILE

Dr. P. Sashikiran, M.Sc.,M.Phil.,APSET.,Ph.D.;
Lecturer in Botany,
S.V.G.M. Government Degree College, Kalyandurg,
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1. Academic Qualifications and Other details :

Subject	:	Botany
Highest Educational Qualification	:	Ph.D.
Employee ID	:	0920878
Date of Birth	:	24-10-1975
Social Category	:	ST
Religion	:	Hindu
Gender	:	Male

2. Date of Joining Service as :

a) Lecturer in Degree College	:	30-05-2013
b) In S.V.G.M. G.D.C. Kalyandurg	:	03-10-2021

3. Awards and Achievements	:	Awarded Ph.D. degree in July-2019 from Dravidian University, Kuppam
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4. Educational Details :

S.No	Class	Name of the Institution and Place	Year of Passing	% of marks Division	Board/ University
1	M.Sc.	University of Hyderabad, Hyderabad	2000	62%	University of Hyderabad, Hyderabad
2	M.Phil.	Periyar University, Salem	2007	62%	Periyar University, Salem
3.	Ph.D.	Dravidian University, Kuppam	2019	68%	Dravidian University, Kuppam

5. Previous Teaching Experience :

S.No	Institution	From	To	Designation	No.of Years
1	Government Junior College, Yellareddypeta, Karimnagar – Dist.	2002	2006	Junior Lecturer	4
2	Government Junior College, Chippagiri, Kurnool- Dist.	2006	2011	Junior Lecturer	5
3	Government Junior College (Boys), Dharmavaram, Anantapur – Dist.	2011	2013	Junior Lecturer	2
4	SKP Government Degree College, Guntakal	2013	2021	Lecturer	8
5	SVGM Government Degree College, Kalyandurg	2021	As on date	Lecturer	2

6. National / International Seminars/Work Shops/Trainings attended :

S.No	National/ International	Institution/place	Date	Title of the Program/Seminar/Webinar/Conference/Workshop attended
1	National	University of Hyderabad, Hyderabad	9 th Jan – 5 th Feb, 2014	85 th Orientation Course Training
2	National	Yogi Vemana University, Kadapa	14 th & 15 th March, 2014	Emerging trends in Environmental Science and Technology
3	National	Govt. College (UG & PG), Anantapuram	10 th April, 2014	Workshop on Electrophoretic & Culture Techniques
4	National	Govt. College (UG & PG), Anantapuram	27 th & 28 th June, 2014	Plant Biotechnology for a Better Future
5	National	SVGM Govt. Degree College, Kalyanadurg	9 th & 10 th July, 2014	Necessity of Inter Personal Relations for Human Excellence
6	National	Government Degree College for Women, Srikalahasthi	26 th & 27 th July, 2014	Biodiversity, Environment Hazards – Therapeutic approaches & Drug Design
7	National	Sri Venkateswara University, Tirupati	12 th & 13 th November, 2014	Mushroom Cultivation Workshop
8	National	Government College for Men, Kurnool	12 th Dec, 2014	Natural Products and Biodiversity: Our Insurance for the Future

9	National	Tara Government College, Sangareddy	8 th & 9 th Jan, 2015	The Old and Recent Trends in Chemical Science
10	National	KVR Government College for Women, Kurnool	28 th & 29 th Jan, 2015	Green Chemistry - Contribution to the Environmental Sustainability
11	National	SKP Government Degree College, Guntakal	29 th Jan, 2015	Recent Trends in Biology and Its Applications
12	National	Govt. College (UG & PG), Anantapuram	30 th & 31 st Jan, 2015	Nano Materials and Global Perspectives
13	National	KVR Government College for Women, Kurnool	18 th & 19 th Feb, 2015	Role of Sports and Nutrition – Its Impact on Personality Development
14	National	Govt. Degree College, Rajampeta	6 th & 7 th March, 2015	Impact of Mining on Cropping Pattern and Environment
15	National	PVKN Govt. College, Chittoor	7 th & 8 th March, 2015	Recent Advances in Plant Science
16	National	Govt. College (UG & PG), Anantapur	10 th March, 2015	Workshop on Ethics in Indian Politics
17	National	Yogi Vemana University, Kadapa	12 th March, 2015	Recent Trends in Biotechnology
18	National	Government College for Men (Autonomous), Kadapa	17 th March, 2015	Environmental Hazards – Causes, Controlling Measures
19	National	SVGM Govt. Degree College, Kalyandurg	7 th Aug, 2015	Innovative and Creative Teaching, Learning & Evaluation Methods
20	National	University of Hyderabad, Hyderabad	13 th Nov – 3 rd Dec, 2015	Refresher Course in Life Sciences Training
21	National	Govt. Degree College, Uravakonda	13 th Nov, 2015	Capacity Building in Youth
22	National	Govt. College (UG & PG), Anantapuramu	19 th Dec, 2015	Prospects & Potentials in Medicinal & Aromatic Plants
23	National	Govt. College (UG & PG), Anantapuramu	2 nd Jan, 2016	Gender Equality in Contemporary India – Issues and Challenges
24	State Level	SVB Govt. Degree College, Koilkuntla, Kurnool	27 th Feb, 2016	Biodiversity – Conservation
25	State Level	PR Govt. College (A), Kakinada	17 th – 19 th April,	Introduction to Entrepreneurship TISS – JKC Training Program

			2016	
26	National	Sri Venkateswara University, Tirupati	18 th Aug – 7 th Sep, 2016	Refresher Course in Life Sciences Training
27	National	Sri Venkateswara University, Tirupati	18 th & 19 th Aug, 2016	Recent Trends in Nanotechnology and Aquaculture Technologies
28	National	SML Govt. Degree College, Yemmiganur	5 th Oct, 2016	Spiritual Education
29	National	Govt. Degree College, Uravakonda	26 th & 27 th Oct, 2016	Skill Development Courses to Empower Higher Education
30	State	Govt. College for Men, Kurnool	16 th & 17 th Dec, 2016	Recent Advances in Plant Taxonomy and Conversation Biology
31	International	Sri Venkateswara University, Tirupati	3 rd – 7 th Jan, 2017	104 th Indian Science Congress
32	National	Govt. Degree College, Uravakonda	23 rd & 24 th Jan, 2017	Impact of Human Values and Professional Ethics on the Quality of Higher Education
33	National	Dravidian University, Kuppam	9 th & 10 th Feb, 2017	Recent Advances in Biotechnology
34	National	Govt. College (Autonomous), Ananthapuramu	19 th April, 2017	Researcher Development Framework for Faculty and Students in Higher Education
35	National	Govt. College (Autonomous), Ananthapuramu	5 th & 6 th Oct, 2017	Biodiversity – Conservation, Emerging Trends and Challenges
36	National	SSBN Degree College (Autonomous), Ananthapuramu	15 th & 16 th Dec, 2017	Academia Digital Transformation (Challenges and Opportunities)
37	State	Govt. College (Autonomous), Ananthapuramu	5 th & 6 th Jan, 2018	Workshop on Current Trends in Plant Taxonomy & Conservation
38	National	Sri Krishnadevaraya University, Anantapur	17 th Feb, 2018	Recent Trends in Teaching Pedagogy
39	National	SSBN Degree College (Autonomous), Ananthapuramu	9 th & 10 th Mar, 2018	Recent Trends in Material Science
40	National	Sri Venkateswara University, Tirupati	26 th – 28 th	Innovations and Future Challenges in Biotechnology

			Mar, 2018	
41	National	SSBN Degree College (Autonomous), Ananthapuramu	25 th & 26 th July, 2018	Workshop on New Vistas in Biology
42	National	Vignan University, Guntur	16 th & 17 th Aug, 2018	An Awareness on Conservation of Medicinal Plants for Healthcare
43	National	SWAYAM NPTEL Online Course by IIT Roorkee	1 st Aug – 30 th Sep, 2018	Biomedical Nanotechnology
44	National	Govt. College (Autonomous), Ananthapuramu	4 th & 5 th Jan, 2019	Emerging Trends and Opportunities in Chemical Sciences & Biotechnology
45	National	SWAYAM Online Course by Manipur University, Imphal	15 th July – 5 th Oct, 2019	Cell Biology
46	National	SWAYAM NPTEL Online Course by IIT Roorkee	1 st Aug – 30 th Sep, 2019	Plant Development Biology
47	National	SWAYAM ARPIT Online Course by Savitribai Phule Pune University	1 st Sep – 31 st Dec, 2019	Refresher Course on Teacher and Teaching in Higher Education Training
48	International	University of Agricultural Sciences, GKVK, Bengaluru	3 rd – 7 th Jan, 2020	107 th Indian Science Congress
49	National	Sri Krishnadevaraya University, Anantapur	28 th Jan, 2020	Workshop on National Information System for Climate and Environment Studies
50	National	Govt. College (Autonomous), Ananthapuramu	6 th & 7 th Feb, 2020	Emerging Trends in chemical & Environmental Sciences
51	National	SSBN Degree College (Autonomous), Ananthapuramu	5 th & 6 th Mar, 2020	Workshop on Self Employment Opportunities for Women

7. Paper / Journal Publications :

S.No	Title of the Paper	Name of the Journal	Year/Edition	ISSN/ISBN No
1	Biofabrication of Silver nanoparticles by leaf extract of <i>Andrographis serpyllifolia</i> and their antimicrobial and antioxidant activity	International Journal of Nano Dimension IF- 0.319 (2010)	2018/9(4)	2008/8868
2	Biosynthesis of silver nanoparticles using leaf extract of <i>Decaschistia crotonifolia</i> and its antibacterial, antioxidant, and catalytic applications	Green Chemistry Letters and Reviews IF- 4.99 (2022)	2021/14(1)	1751-8253
3	Green synthesis of silver nanoparticles using flower extracts of <i>Aerva lanata</i> and their biomedical applications	Particulate Science and Technology IF- 2.356 (2022)	2021/5	0272-6351
4	<i>Argyreia nervosa</i> (Samudra pala) leaf extract mediated silver nanoparticles and evaluation of their antioxidant, antibacterial activity, in vitro anticancer and apoptotic studies in KB oral cancer cell lines	Artificial cells, Nanomedicine and Biotechnology IF- 5.678 (2022)	2021/49	2169-1401
5	Green Fabrication of silver nanoparticles by leaf extract of <i>Byttneria herbacea</i> Roxb and their promising therapeutic applications and its interesting insightful observations in oral cancer	Artificial Cells Nanomedicine and Biotechnology IF- 5.678 (2022)	2023/51	2169-1401

7. Books Authored : 1. ***“Green Synthesis of Silver Nanoparticles & It’s Biomedical Applications”*** (ISBN: 978-93-87990-97-5)

8. Extension Activities :

- A. UG Question Paper setting duty done for S.S.B.N. Degree College (Autonomous), Ananthapuramu - UG Degree Examinations – 2nd Semester End Examinations, March/April 2018 for I Year B.Sc. (Botany), Question Paper Code No. – 218D, Title of the Paper – “Bryophyta, Pteridophyta, Gymnosperm & Plant Anatomy” order copy dated – 19/01/2018.
- B. UG Question Paper setting duty done for S.S.B.N. Degree College (Autonomous), Ananthapuramu - UG Degree Examinations – 6th Semester End Examinations, March/April 2018 for III Year B.Sc. (Botany), Question Paper Code No. – 627C(A), Title of the Paper – “Plant Diversity and Human Welfare” order copy dated – 19/01/2018.
- C. AP EAPCET 2022 Question paper setting duty in Botany conducted by JNTU, Anantapur
- D. AP EAPCET 2023 Question paper setting duty in Botany conducted by JNTU, Anantapur

10. Extension Lectures / Invited Lectures Delivered :

S.No	Institution	Topic	Date
1	Government Junior College, Guntakal	Plant Cell & Cell Organelles	02/09/2014
2	Government Junior College, Guntakal	r – DNA Technology & Transgenic Plants	02/09/2014
3	Government Junior College, Pattikonda	Plant Tissues and Classification	21/10/2014
4	Government Junior College, Pattikonda	Plant Tissue Culture Techniques	21/10/2014
5	Government Degree College for Girls (UG & PG), Ananthapuramu	Plant Growth Regulators	04/01/2020
6	Government Degree College for Girls (UG & PG), Ananthapuramu	Nitrogen Metabolism in Plants	04/01/2020

11. Any other Curricular/Co curricular/Extracurricular Activities involved :

A. Developed LMS e-content Power point Presentation (PPT) slides and uploaded in CCE website during COVID-19 Lockdown for online access to students.

S.No.	Paper	Topic
1	Paper - IV	Enzymes Discovery Distribution and Structure
2	Paper – IV	Enzyme nomenclature and classification
3	Paper - IV	Physical properties and importance of water
4	Paper – IV	Diffusion Osmosis Imbibition and Water potential
5	Paper - IV	Enzyme properties and action

B. Developed LMS e-content videos uploaded in CCE website during COVID-19 Lockdown for online access to students.

1. Topic : Cell types and differences (<https://youtu.be/s5xjL86msoo>)
2. Topic : Cell wall (<https://youtu.be/X1o5X6CW6Rc>)