



CURRICULUM VITAE

Name: Dr. Sandhya

MOBILE NO.	9460478919
EMAIL	sandhya@sophicollegeajmer.in

EDUCATIONAL QUALIFICATION

S.NO	NAME OF THE DEGREE
1	PG M.Sc. Botany
2	NET- JRF Life Science
3	Ph.D Botany
4	Others (NET-ASRB) Plant Physiology and Plant Biochemistry

TEACHING EXPERIENCE: U.G.....15 Years...P.G.....nil....

CURRENT STATUS/POSITIONS/RESPONSIBILITIES HELD:

S.No.	CONTRIBUTION IN COLLEGE ACTIVITIES / COMMITTEES/ACADEMIA
1	Convenor of BOS
2	Member of Academic Council
3	Course-coordinator of SEC-Alternative medicine and home remedies
4	Secretary of Staff Council
5	In-charge of Orchid-the botany forum
6	Member of Women Development Cell
7	Group teacher (Mentor) of B.Sc. Bio I
8	Co-ordinator of Gender sensitization cell
9	Member of Environment and Energy Audit Committee
10	Member of Admission Committee
11	Member of Equal Opportunity Cell
12	Co-convener in National Webinar organized by departments of Zoology & Botany
13	Co-coordinator of 15-day online certificate programme in Seed Science & Technology
14	Staff representative in Board of management (2022-23)

RESEARCH EXPERIENCE:

RESEARCH PUBLICATIONS

S.No.	Year	Title of the Paper/Chapter/Book	National/ International	Name of the Journal/Book/ Peer Reviewed Journal / Non- Peer Reviewed Journal /E- Journal
1	Nov 2013	Working Women: Expectations and aspirations	National	Women Empowerment in the current scenario (Workshop proceeding)
2	Jan	Estimation of leaf	International	Social Research Foundation-

	2019	pigments and chlorophyll stability index in three populations of <i>Christella dentata</i> (Forssk) Brownsey & Jermy		Remarking An Analisation, Peer-Reviewed Journal ISSN- 2394-0344
3	March 2020	Diversity of tree species of Sophia Girl's College campus, Ajmer, Rajasthan	International	Social Research Foundation-Shrinkhla Ek Shodhparak Vaicharik Patrika, Peer- Reviewed Journal ISSN- 2321-290X
4	June 2020	Seasonal variation in free proline content in <i>Christella dentata</i> (Forssk) Brownsey & Jermy	National	Bulletin of Pure and Applied Sciences 'Section B- Botany', Peer- Reviewed and Referred Journal ISSN- 0970-4612
5	Dec 2020	Role of Best Practices in assessment and accreditation by NAAC	International	International Journal of Multidisciplinary Educational Research ISSN- 2277-7881
6	March 2021	Green Audit: A Case Study of Sophia Girls College (Autonomous), Ajmer, Rajasthan	International	International Journal for research in Applied Science and Engineering Technology ISSN- 2321-9653
7	May 2021	Phytochemical Estimation (Qualitative Analysis) of <i>Nerium indicum</i>	International	International Journal for research in Applied Science and Engineering Technology ISSN- 2321-9653

SEMINARS/ CONFERENCES/ WORKSHOPS – ORGANISED /PRESENTED/ ATTENDED

S.NO.	YEAR	TITLE	NATIONAL/ INTERNATIONAL
1.	Sept. 2005	National Seminar on Interpreting Literature	National
2.	Feb. 2007	UGC Sponsored Workshop on Biological Techniques based on UGC syllabus	National
3.	Oct. 2007	International workshop on <i>Arthrospora</i> Mass production in Rural Areas of Tropical Countries	International
4.	Nov. 2008	National workshop on Promoting Excellence in Research	National
5.	March 2009	National Seminar on Recent Challenges in Biodiversity Conservation: climate changes and urbanization & 5 th Prof. L.S. Ramaswamy Memorial Lecture Series	National
6.	March 2009	UGC Sponsored workshop on Innovative & facile teaching methods & aids for better understanding of science subjects in students	National
7.	Feb. 2012	National workshop on Innovative Course on Remote Sensing & Geoinformatics	National
8.	June 2013	National Seminar on the occasion of World Environment Day	National
9.	Sept. 2013	National Seminar on Sensitization towards values through literature	National

10.	Nov. 2013	National Workshop on Empowering Women in the changing scenario	National
11.	Feb. 2015	National workshop on "Excellence through Good Governance in Higher Education"	National
12.	Sept. 2015	National Seminar on Scientific and Technical terminology in forestry science	National
13.	Nov. 2016	National workshop on Novel approaches and techniques in research methodology	National
14.	Jan. 2017	National Seminar on Character building and personality development	National
15.	Oct. 2018	National Conference on Advanced in science and technology- an interdisciplinary approach	National
16.	Feb. 2019	National Workshop on Quantitative techniques and data analysis	National
17.	Feb. 2019	National Workshop on IOT Ignite	National
18.	March 2019	National Seminar on e-learning and MOOCs in higher education	National
19.	Sept. 2019	National Workshop on Instrumentation techniques for research in chemical sciences	National
20.	Dec. 2019	International Workshop on Real life application of machine learning and image processing using MATLAB	International
21.	Jan. 2020	National Seminar on Advances in Sustainable development for Indian climate	National
22.	Feb. 2020	National Seminar on Biotechnology for sustainable development	National
23.	Feb. 2020	National Workshop on Revised assessment and accreditation framework for higher education institutions in India	National
24.	June 2020	National Webinar on Nurturing research culture and enhancing teaching learning through the Star college scheme of DBT	National
25.	May 2020	International Webinar on Economic and psychological challenges and solutions- Post COVID 19	International
26.	July 2020	International Webinar on Food and well being challenges of the 21 st century	International
27.	July 2020	International Webinar on Impact of digital threats and cyber risks during COVID-19	International
28.	Aug. 2020	National Webinar on ABC of emotional health for today's generation	National
29.	Aug. 2020	National Webinar on Is the pandemic lockdown a green moment for Biodiversity?	National
30.	Nov. 2020	National Webinar on Environmental ethics: conservation and sustainable development	National
31.	March 2021	National webinar on Biodiversity and Climate Change: Challenges and perspectives	National
32.	July 2021	National Webinar on How to read scientific literature?	National
33.	Aug 2021	International e-conference on Echoes of Covid 19 on human health: Present and future therapeutic landscape	International
34.	Aug 2021	National level online Seminar on Innovative digital video editing techniques for film making	National
35.	Aug 2021	Online International Conference on Life Sciences: acceptance of the New Normal	International
36.	Feb 2022	National Webinar on Sustainability Science: A Multidisciplinary Approach	National

37.	March 2022	National online Workshop on NAAC related quality enhancement	National
38.	June 2022	National virtual Seminar on Yoga for humanity	National
39.	15 th July 2022	National Webinar on Introduction to forensic science	National

FACULTY DEVELOPMENT PROGRAMMES ATTENDED

S. No.	Date of the Event	Title of the Programme & Venue (State / National / International)
1	1 st – 7 th May 2017	Effective communication skills- module I
2	8 th – 15 th May 2017	Effective communication skills- module II
3	17 th Sept 2017	Map making using Qgis and data analysis through SPSS
4	18 th Sept 2017	Writing an effective research proposal
5	25 th Sept 2017	Innovative teaching techniques
6	7 th - 8 th Oct 2017	Learner centric pedagogy
7	19 th Dec 2017	Effective student data management
8	5 th Feb 2018	Skills to be an effective teacher
9	19 th Apr 2018	Advanced soft skills
10	28 th – 29 th Apr 2019	Life skills education
11	29 th Jan 2020	Writing interdisciplinary research project Sophia Girls College Ajmer
12	15 th May 2020	e-content development methodology: Four quadrant model, OERs & copyright issues
13	8 th -14 th June 2020	Institutional benchmarking of best practices
14	19 th - 23 rd Oct. 2020	Research and Career
15	18 th - 24 th March 2021	Multidisciplinary skills for the faculties of higher education (National)
	6 th -12 th Sept. 2021	Effective teaching strategies in Higher education
16	8 th – 14 th Nov 2021	Biopharmaceutical Technology & Probiotics
17	13 th – 19 th Aug. 2022	Education 4.0

REFRESHER COURSE/ ORIENTATION PROGRAMME

S.No.	Date	Title
1	23 rd May- 12 th June 2013	Special summer school on research techniques (MDSU, Ajmer)
2	30 th Jan.- 14 th Feb. 2021	Refresher Course on Advanced research methodology: Tools and technique (Ramanujan College, Univ. of Delhi)

SHORT TERM TRAINING PROGRAM

1. Attended a one-week STTP on Biotechnology and its application in tribal agriculture areas (21st – 27th Dec. 2020) (online)
2. "Initiatives for Teaching-Learning Excellence in Environmental Studies" from 01st - 06th March 2021 (online)
3. Recycling materials in highway construction from 23rd – 28th Aug 2021(online)