

DR.C.T.ANITHA

Post graduate and Research Department of botany

Sree Narayana College Nattika

Educational qualification : M Sc,PhD

Date of joining : 30-11-2004

Area of interest :Biochemistry,Taxonomy,

Environmental science

DETAILS OF RESEARCH SCHOLARS

As guide -4 NoS

YEAR OF JOINING	NAME	SCHOLAR SHIP	SEX	TYPE
2018	HRIDYA M.J	JRF	FEMALE	FULL TIME
2018	SARATH CHANDRAN DIVAKARAN	NET	MALE	PART TIME(AWARDED)
2019	ASWATHY K SURENDRAN	NET	FEMALE	FULL TIME
2019	KAVYA.K.SASIK UMAR	JRF	FEMALE	FULL TIME
2020	POOJA SURESH (INTERNSHIP)	ASPIRE	FEMALE	FULL TIME (COMPLETED)
2023	HARISHMA (INTERNSHIP)	ASPIRE	FEMALE	ONGOING

As co-guide -4 NoS

EXTENSION AND CONSULTANCY ACTIVITIES

Provide project -internship for college students

Talk for special police cadet of government vocational higher secondary school ,Kaitharam on 1st september 2017 in the topic WATER AND WATER PLANTS

Chaired National seminar sponsored by KSCSTE on Basics in Angiosperm Taxonomy,MES Asmabi college,P.Vemballur on 22-23 November 2017

Supports higher secondary school project

1. Effect of ammonia fumes on total chlorophyll and carotenoid content in *Rivina humilis* Linn. *Journal of Environmental Biology*,21(3),207-209, 2000

MVM Teresa, CT Anitha

2. Phytoremediation of domestic wastewater by using a free floating aquatic angiosperm, *Lemna minor* *Nature Environment and Pollution* 2395-3454 *Technology*,9(1),83-88, 2010

AR Raju, CT Anitha, PD Sidhimol, KJ Rosna

3. Allelopathic effects of the plant *Grangia maderaspatena* forsk. On seed germination of three varieties of rice *Nature, Environment and Pollution Technology* 10 (2), 303-304,2011

PD Sidhimol, CT Anitha, TP Praseedha

4. Amelioration of Toxic Effects of Lead in *Vigna radiata*(L.) Wilczek with the Application of *Pseudomonas fluorescens* *Nature, Environment and Pollution*

***Technology* 10 (4), 505-510,2011**

PD Sidhimol, CT Anitha, PM Sabeena

5. The study of water Quality of Tripunithura, a city suburb of Ernakulam District in Kerala, India Nature, Environment and Pollution

Technology 10 (4), 583-588, 15 2011

MP Subin, CT Anitha, PD Sidhimol

6. Phytochemical Screening and Antibacterial Activity of Mimosa pudica L. and Mimosa invisa L. Against Selected Microbes Nature Environment and Pollution Technology 11 (3), 431, 2012

7. Retardation of Toxic Effects of Chromium in Vigna unguiculata(L.) Walp by the Application of Pseudomonas fluorescens ,CT Anitha, MP Subin, PD Sidhimol, NP Krishnapriya Nature, Environment and Pollution

Technology 11 (2), 187-192, 2012

7. Taxonomical ,phytochemical and pharmacognostic studies in an endemic aroid Anitha C.T, Indukrishna K, K and Aswathy Surendran K. International Journal of Scientific & Engineering Research Volume 10, Issue 1, 465, January-2019

8. Amelioration of paracetamol-induced hepatotoxicity in mice with ferulic acid. Sarat Chandran A. Divakaran , Anitha CT International Journal of Scientific & Engineering Research Volume 11, Issue 9, 408 September-2020

9. Anti Inflammatory Activity of Ferulic Acid against Carrageenan and Formalin Induced Paw Edema in Swiss Albino Mice. Sarat Chandran A. Divakaran , Anitha CT International Journal of Science and Research. 2020; 9(11), 788-792.

10. Treatment with ferulic acid ameliorated cisplatin induced nephrotoxicity antioxidative stress in tumor bearing animals. Sarat Chandran A. Divakaran , Anitha CT Journal of Experimental biology and Agricultural sciences. [https://doi.org/10.18006/2021.9\(4\).492.499](https://doi.org/10.18006/2021.9(4).492.499) 2021. Vol.9 (4).

11. Estimation of ferulic acid from selected plant materials by Spectrophotometry and High performance liquid chromatography. Sarat

Chandran A. Divakaran , Anitha CT Journal of Applied and Natural Science. 2021 Vol.13 No.3. <https://doi.org/10.31018/jans.v13i3.2732>

12. Phytochemical and pharmacological properties of five different species of Jasminum .Reshma D, C.T. Anitha and Sheeja T. Tharakan , Plant Archives, 2021, 21, (2), 126-136

13. Effect of Heavy Metals (Cu, Zn and Cr) on Total Carbohydrate and Protein Content in Andrographis paniculata (Burm. f.) Wall. ex Nees Hridhya MJ and Anitha C.T Bulletin of pure and applied science BPAS BOTANY 41B(1)Jan-Jun 2022

14 .Effect of leather industrial effluent on the germination and seedling growth of selected medicinal plants Pollution Research , 2023

15. Review on morphology ,distribution ,phytochemical and pharmacological properties of European privet; Ligustrum vulgare Biological forum 15-3, 690-695, 2023. Reshma D, Anitha C.T. and Sheeja T. Tharakan

16. Estimation of cyanogenic glycosides in processed and unprocessed plant parts of Cnidioscolus aconitifolius (Mill.) I.M. Johnst. (chayamansa) Kavya K Sasikumar and C.T. Anitha , J. Bot. Soc. Bengal 77(2):46-55(2023)

PAPER PRESENTED

“Comparative pollution study in selected medicinal plants”, UGC Sponsered National seminar on climate change and its impact on forests, 1-2 April 2019 , Sree Narayana college Chelannur

*Impact of hexavalent chromium on Vigna unguiculata (L) Walp UGC Sponsered National seminar on medicinal plants and Natural products January 20-21. 2016 KKTU, Pullut- **Best paper award***

Plant diversity study in Kaliarkavu, Nattika, Thrissur, KSCTEC-Science popularisation programme 2014-15, National seminar on know the plants :grow the plants, St. Mary's college, Thrissur

Pharmacognostic studies on Alternanthera sessilis R.BR UGC-Symposium 22-23 January 2013 Modern biotechnology ;prospects and challenges, KKTM, Pullut

ORIENTATION COURSES

Orientation Course for NSS programme officer, sponsored by Ministry of Youth affairs and sports 21-27 August 2014, Empanelled training institute for NSS, Kalamasery.

Orientation Course, conducted by ASC University of Calicut, sponsored by UGC, 11-07-08 to 07-08-08

REFRESHER COURSES

Refresher Course in Life Sciences conducted by the UGC-ASC, University of Calicut 30-11-2012 to 20-12-2012

Refresher Course in Bioscience, UGC-ASC, University of Calicut 10-01-2018 to 30-01-2018

SHORT TERM COURSES

Open source Tools for Research sponsored by MHRD-PMMNMTT, Teaching learning center, Ramanujan College from June 08-June 14 2020-FDP

Managing online classes and co-creating moocs 3.0 sponsored by MHRD-PMMNMTT, Teaching learning center, Ramanujan College from July 25-August 10, 2020-FDP

MOOCS, MHRD-PMMNMIT, VIT Vellore May 13-15, 2020

Genetic Engineering; Theory and application, NPTEL-AICTE, July-October 2019-FDP

SEMINAR /WORK SHOP ORGANISED

Organised seminar on gender equality in association with NSS Calicut university 21-2-2014

Training for kodumbasree for making plastic bag 24-10-2015

Workshop for NSS volunteers on Nattarivukal in association with Oushadi, Thrissur July 24,2015

Workshop on research writing in association with women science movement 9-11-2015

Agricultural training in association with Karalam panchayath and green community 2015

SEMINAR ATTENDED-28(NoS)

RECENTLY ATTENDED

INTERNATIONAL VIRTUAL CONFERENCE ON BIODIVERSITY AND ECOSYSTEM SERVICES IN A CLIMATE CHANGE PERSPECTIVE Sponsored by Department of Science and Technology, Govt. of India, New Delhi organized by Centre for Climate Change, Environmental Management and Policy Research Institute(EMPRI), Bengaluru, on 10th and 11th December, 2020.

'International webinar on recent advances in herbal medicine', 21/08/2020 Sacred Heart College, Ernakulam

National level five days online training in biological sciences conducted by Sree Narayana College, Nattika, Thrissur, Kerala., from 03/08/2020 to 07/08/2020.

Plant identification Virtual-2020 Webinar on "Interpreting Plant Taxonomy" Organized by PG & Research Department of Botany in association with IQAC, Sree Narayana College, Kollam on 3rd August 2020.

National Webinar on the topic entitled "Applications of 3DBioprinting in Tissue Engineering - A Cutting Edge Technology" organized by the post Graduate Department of Botany, St. Mary's College, Thrissur, Kerala on 14-07-2020.

Webinar entitled "Clean? Clear! Clarity: Mechanics of Exploring The C/Sea in You" organized by the Department of Commerce, Sree Narayana College, Nattika, Thrissur, Kerala on 16th July 2020.

Webinar on the topic Publishing in scopus indexed and UGC Care list of journals conducted by Nirmala College Muvattupuzha on 30th May 2020

Molecular Taxonomy and DNA Barcoding: Concepts, Methods and Applications Department of Botany, R.D. & S.H. National College and S.W.A. Science College, Bandra, Mumbai held on 20th May 2020

NATURE CAMP

Attended Nature Education Camp conducted by Wayanad Wildlife division at Muthanga from 14-01-2016 TO 16-01-2016

Attended Nature Education Camp conducted by Kerala Forest and Wildlife division at Silent Valley National Park from 18-09-2008 TO 19--09-2008

ACADEMIC RESPONSIBILITIES

AS A MEMBER IN THE BOARD OF EXAMINERS

AS BOARD OF STUDIES MEMBER IN DEPT.OF BIOTECHNOLOGY , UNIVERSITY OF CALICUT

DUTIES PERFORMED IN COLLEGE

AS HoD

AS COORDINATOR ICC

AS COORDINATOR AMC

IN RRNG

UBA CO-ORDINATOR 2018-19

STAFF SECRETARY -2016-2017, 2017-2018

WOMEN DEVELOPMENT CELL CO-ORDINATOR 2016-2017

STAFF –ADVISOR 2016-17

NSS PROGRAMME OFFICER (3YRS) 2013-2016

CO-ORDINATOR OF BHOOMITHRASENA CLUB 2015-16

CO-ORDINATOR OF RED RIBBON CLUB 2013-2016

AS RESEARCH GUIDE

CO-ORDINATOR OF ASAP 2013-14

STAFF EDITOR IN THE COLLEGE 2011-2012

IN –CHARGE OF REMEDIAL COACHING

CO-ORDINATOR OF EXTENSION ACTIVITIES

AS CO-ORDINATOR OF NATURE CLUB 2008-09