



ANNAMACHARYA UNIVERSITY

EXCELLENCE IN EDUCATION; SERVICE TO SOCIETY
(ESTD, UNDER AP PRIVATE UNIVERSITIES (ESTABLISHMENT AND REGULATION) ACT, 2016)
Rajampet, Annamayya District, A.P – 516126, INDIA

Faculty Profile

Basic Information:

NAME : Dr. C. SUDHARSHANA
DESIGNATION : Assistant Professor
DEPARTMENT : Soil Science and Agril. Chemistry
DATE OF BIRTH : 23-01-1988
DATE OF JOINING : 26-09-2025
EMAIL ID : sudi.gc@gmail.com
EMPLOYEE ID: :2316



Academic Profile:

Qualification	Name of the Board/University	YEAR
B.Sc. (Agri.)	University of Agricultural Sciences, Bengaluru	2010
M.Sc. (Agri.)	Acharya NG Ranga Agricultural University, Hyderabad	2012
Ph.D.	University of Agricultural Sciences, Raichur	2017

Research Details:

1. Areas of Specialization	:	Soil Fertility, Pedology and Remote Sensing And GIS
2. No. of Publications	:	16 papers, 10 abstracts, 1 book chapter, 1 TV talk and 4 popular articles
3. Awards Received	:	1. Best poster (2016) 2. Young scientist (2017) 3. Excellence in Research (2018) 4. Best doctoral thesis Award (2018)
4. Research Guidance		
	No. of PhD Guided:	Nil.
	No. of MTech. Guided:	03 (As Member for PG students)
	No. of B.Tech. Guided:	Nil.
5. Details of Professional Membership:		A Member for REST Society for Research International, Kaveripattanam, TN



ANNAMACHARYA UNIVERSITY

EXCELLENCE IN EDUCATION; SERVICE TO SOCIETY

(ESTD, UNDER AP PRIVATE UNIVERSITIES (ESTABLISHMENT AND REGULATION) ACT, 2016)

Rajampet, Annamayya District, A.P – 516126, INDIA

6. Subjects Taught	:	for UG and Diploma Students 1.Fundamentals of soil science 2. Soil fertility and Nutrient management 3. Problematic soils and their management 4.Soil technological studies for agriculture 5.Soil Genesis and classification for PG and Ph.D. Students 1.Remote sensing and GIS in agriculture 2.Basic laboratory techniques
--------------------	---	---

Publication Details:

Full Length Papers		
Title	Publisher	Published Year
Land Inventorization at Tardi-Babhlaj Villages of Shirpur Taluka Maharashtra State using RS and GIS.	International Journal of Environment and Climate Change,11(12), 331-343.	2021
Assessment of land degradation of Malhar1 Micro watershed using RS and GIS Techniques	Bulletin of environment, pharmacology and life sciences. 6(Special 3)	2017
Assessment of land degradation of Kolur Micro watershed using RS and GIS Techniques	Progressive Research -An International Journal 11(Special IX)	2016
Persistence of Pendimethalin and Imazethapyr in soil and their effect on yield, soil properties in groundnut (Arachis hypogaea L.),	Progressive Research -An International Journal 9(1)	2014
Influence of bispyribac sodium on soil properties and persistence in soil, plant and grain in direct seeded rice,	Ecology Environment & Conservation. 20 (2)	2014
Effect of Pendimethalin and Imazethapyr on plant nitrogen, nodulation and soil properties in groundnut (Arachis hypogaea L.)	Ecology, Environment & Conservation. 20 (2)	2014
Effect of Pendimethalin and Imazethapyr on yield and soil properties in Groundnut (Arachis hypogaea L.)	Ecology, Environment & Conservation. 20 (2)	2014
Combined influence of irrigation levels and nitrogen application on yield of sweet corn hybrid,	Ecology Environment & Conservation. 20 (2):	2014
Effect of Pendimethalin and Imazethapyr on Nod- ulation, Nitrogen Fixation and Nitrogenase Activity and Yield in Groundnut (Arachis Hypogaea L.),	International Journal of Bio-resource and Stress Management 4(2) special	2013



ANNAMACHARYA UNIVERSITY

EXCELLENCE IN EDUCATION; SERVICE TO SOCIETY

(ESTD, UNDER AP PRIVATE UNIVERSITIES (ESTABLISHMENT AND REGULATION) ACT, 2016)

Rajampet, Annamayya District, A.P – 516126, INDIA

Persistence and Phyto-toxic effect of Imazethapyr and Pendimethalin in Groundnut (<i>Arachis Hypogaea</i> L.),	<i>International Journal of Tropical Agriculture</i> 31(3-4)	2013
Assessment and mapping of ground water quality of southern parts of Bhadravati town in Shivamogga district, Karnataka, India using GIS techniques	<i>International Journal of Chemical Studies</i> . 6(3)	2018
Vertical distribution of chemical qualities of an alfisol under rain fed conservational and conventional agriculture systems	<i>International Journal of Chemical Studies</i> . 6(2)	2018
Short term effect of conservational agriculture on fertility of rainfed sandy loam shallow alfisol.	<i>Bulletin of environment, pharmacology and life sciences</i> . 6(Special 3)	2017
Detailed LRI for crop suitability and land capability classification using RS and GIS	<i>Progressive Research -An International Journal</i> 11(1)	2016
weed shifts and weed dynamics in conservation agricultural systems	<i>Progressive Research -An International Journal</i> 9(Special):	2014
Effect of fly ash and sewage sludge on yield and soil properties in soybean sunflower sequence cropping,	<i>National conference on beneficial use of fly ash in construction industry and Agriculture,</i>	2014
ABSTRACTS		
Title	Publisher	Published Year
Remote sensing based detailed land resource inventory of Kolar microwatershed for land evaluation	<i>International conference on “integrated land use planning for smart agriculture - An agenda for sustainable land management”</i> . November 10-13, 2016, held at Nagpur, India.	2016
Characterization, classification and mapping of Malhar1 micro watershed using remote sensing and GIS.	<i>International conference on “integrated land use planning for smart agriculture - An agenda for sustainable land management”</i> . November 10-13, 2016, held at Nagpur, India.	2016



ANNAMACHARYA UNIVERSITY

EXCELLENCE IN EDUCATION; SERVICE TO SOCIETY

(ESTD, UNDER AP PRIVATE UNIVERSITIES (ESTABLISHMENT AND REGULATION) ACT, 2016)

Rajampet, Annamayya District, A.P – 516126, INDIA

Assessment of land degradation of Kolar Micro watershed using RS and GIS Techniques	<i>National conference on Innovative and current advances in agriculture and allied sciences, 10-11 December 2016 held at PJTSAU, Hyderabad</i>	2016
Effect of Imazethapyr and Pendimethalin on nitrogen fixing ability and plant growth parameters in Groundnut	<i>Proceedings of “20th world congress of soil science” held at Jeju, South Korea, June 8-13, 2014</i>	2014
Effect of Imazethapyr and Pendimethalin in Groundnut on Nodulation and Yield in Groundnut,	Biennial conference of Indian society of weed science on “Emerging challenges in weed management” February 15-17, 2014, held at Jabalpur, MP.	2014
Persistence of Pendimethalin and Imazethapyr in soil and their effect on yield, soil properties in groundnut (<i>Arachis hypogaea</i> L.),	National conference on <i>emerging trends and recent advances in applied sciences: basic molecular approaches</i> (EPRAAS 2014), February 08-09, 2014, held at Meerut.	2014
Effect of Pendimethalin and Imazethapyr on Nodulation, Nitrogen Fixation and Yield in Groundnut (<i>Arachis Hypogaea</i> L.),	Biennial conference of Indian society of weed science on “Weeds threat to agriculture, biodiversity and environment” April 19-20, 2012, held at Thrissur, Kerala P 232.	2012
Persistence pattern of three pre emergence herbicides in maize grown on Alfisols in Andhra Pradesh,	Biennial conference of Indian society of weed science on “weeds threat to agriculture, biodiversity and environment” April 19-20, 2012, held at Thrissur, Kerala P 231.	2012
Geospatial Techniques based detailed land resource inventorization for crop suitability and land capability classification,	<i>International conference on technologies, Feb 01-05, 2016. held at Bangkok, Thailand</i>	2016
Solid waste management in agriculture,	<i>National conference on beneficial use of fly ash in construction industry and Agriculture, may 23-24, 2014.</i>	2014



ANNAMACHARYA UNIVERSITY

EXCELLENCE IN EDUCATION; SERVICE TO SOCIETY
(ESTD, UNDER AP PRIVATE UNIVERSITIES (ESTABLISHMENT AND REGULATION) ACT, 2016)
Rajampet, Annamayya District, A.P – 516126, INDIA

BOOK CHAPTERS		
Title	Publisher	Published Year
Remote sensing and GIS to Combat Climate change in semi-arid tropics	Compendium of Winter school on Climate smart agriculture, 16 th nov - 6 th dec 2015, P 249-256.	2015
POPULAR ARTICLES		
Title	Publisher	Published Year
Herbicide Persistence and Herbicide Degradation Process.	Agribios News Letter	2013
Hard Setting in Soils.	Agribios News Letter	2012
International year of soils	Krishi Pradeepike (Kannada magazine), 2(1):1-2.University magazine , UAS Raichur	2015
Importance of soil and water testing in maintaining soil health	mannu manikya smarana sanchike (Kannada magazine) p42-47 Special issue for International Year of Soils 2015 published by UHS Bagalkot	2015
TV TALK		
Importance of soil health card	Doordharshan, Chandana TV broadcasted on 26-12-2018	2018