

(Accredited with W Grade by NAAC)

## Department of Soil Science and Agricultural Chemistry **DST Purse II**

Sponsored

REVITALIZING SOIL HEALTH THROUGH NATURAL RESOURCE MANAGEMENT IN A CLIMATE CHANGE ERA (RSHNRMC,21)

[28-28" March, 2022]

Penistration Form

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# ADVISORY COMMITTEE

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# DST PURSE II

Sponsored

NATIONAL SEMINAR

# REVITALIZING SOIL HEALTH THROUGH NATURAL RESOURCE MANAGEMENT

IN A CLIMATE CHANGE ERA

(RSHNRMC,21)

(28-29" March, 2022)

Seminar Director

Dr.K. DHANASEKARAN

Organizing Secretaries

Dr.S. SRINIVASAN Dr.D. VENKATAKRISHNAN

Organised by

Department of Soil Science and

# Agricultural Chemistry

Faculty of Agriculture Annamalai University Annamalai Nagar - 608 002.



## **About the University**

In the early 1920s, to serve the downtrodden and to promote Tamil Literature, Rajah Sir S. R. M. Annamalai Chettiar founded Sri Minakshi College, Sri Minakshi Tamil College and Sri Minakshi Sanskrit College in a rural setup at Chidambaram. In 1928, Rajah Sir S. R. M. Annamalai Chettiar agreed with the local Government to handover the above said institution for establishing a University. Thus, on 01.01.1929 Annamalai University was established as per Annamalai University Act 1928 (Tamil Nadu Act 1 of 1929).

One of the most significant developments is the enactment of the Annamalai University Act, 2015 (Tamilnadu Act 20 of 2013). Which has come into force from September 25,2013. Annamalai University is accredited with "A" Grade by NAAC in 2014. The "NIRF-2020" by the Ministry of Human Resource Management (MHRD) has ranked the University in the band 101-150 in the overall category as well as the University Category. In the Pharmacy Category the ranking is 12th in India. In the Medical Category the ranking is 35<sup>th</sup>. "The Times Higher Education World University Ranking -2021" has ranked Annamalai University in 1000+ for Overall category. In the Subject Category Ranking, 2021, the University is ranked 601+ for Clinical and Health subjects, "The QS World University Ranking 2021" has ranked Annamalai University in the band of 301-350 in Asia Ranking and 39 in India Ranking. The CWTS Leiden Ranking 2019", on scientific impact of universities and on universities" involvement in scientific collaborate and scientific performance, has ranked the University 23<sup>rd</sup> based on the number of publications and 7th based on the proportion of publications that compared with other publications in the same field and in the same year, belong to the top 10% most frequently cited. Among the top 212 ranked institutions for Higher Education in India the "Scimago Institutional Ranking (2019)" has ranked Annamalai University a 9th in Tamilnadu and 29th in India.

Annamalai University is one of the largest unitary, teaching and residential universities in Southern Asia comprising of 10 Faculties and 49 Departments of study. This University has played a pivotal role in providing access to higher education to thoundands of youth cutting across the social

spectrum, especially from economically and socially disadvantaged classes. In this respect, this University's service to the nation is tremendous.

## **About the Faculty**

Circumfusing of rural scenario and agriculture around the university premises have been taken advantage of, in starting a Department of Agriculture under Faculty of Science to impart agriculture subject at intermediate and undergraduate level as early as 1951. Dr.S.Krishnamurthy, the first Head of the Department of Agriculture, a renowned Horticulturist was instrumental in introducing M.Sc.,(Ag.) in 1955 for the first time in South India.

In pursuit of modernizing agriculture and providing professional services to the farming community, a four year professional course, BSc., (Ag.) introduced during 1958-59 under the Department of Agriculture, Faculty of Science. The Department of Agriculture was elevated as a Faculty of Agriculture in 1963.

# **About the Department**

Soil Science and Agricultural Chemistry is one of the major Departments in the Faculty of Agriculture established in the year 1979. The Department offers courses in Soil Science and Agricultural Chemistry for Diploma in (Ag.)/ (Horti.) B.Sc.,(Hons) Ag. / BSc.,(Hons) Horti, M.Sc. (Ag.) Full Time, Ph.D. programmes (Full Time, Part Time and External Registration). The Department has produced 140 MSc.,(Ag.) and 30 Ph.D., graduates. Many funding agencies *viz.*, NLC, Fly Ash Mission,UGC, DST, IPI-Switzerland, etc., have recognized this Department as one of the advanced research centres and have sanctioned research projects.

#### **About the Seminar**

India has achieved a record production of 305 million metric tonnes of grains and 326 million metric tonnes of fruits and vegetable in the year 2020-21. To feed the estimated 1.7 billion population by 2050, India has to produce 405 million metric tonnes of food grains and 696 million metric tonnes of fruits and vegetables. In the present scenario of inherent poor fertility of Indian soils as a result of poor SOC storage,

imbalance use of mineral fertilizers leading to multiple nutrient deficiencies, poor fertilizer use efficiency and recent threat of climate variability. Hence, there is a need for scientists and other stakeholders to come together and provide a road map for ensuring food and nutritional security for the years to come. This seminar will provide an ideal platform for the scientists and others to share their experience to solve the nutritional problem.

IMPORTANT DATES				
Registration and Abstract Submission Last Date	28-02-22			
Full Paper Submission Last Date	28-02-22			
National Seminar (RSHNRMC 21)	10-03-22 & 11-03-22			

REGISTRATION FEE		
	Fee ₹	
Research Scholars / Students	500	
Academicians	750	
Industry Personnel	1000	

#### **THRUST AREAS**

- 1. INM/IPNS/IFS/ Cropping system / NUE
- 2. Use of organic manures/ Industrial wastes / Soil amendments
- 3. Organic / Natural Farming
- 4. Application of GIS/ Remote Sensing
- 5. Nano Technology /Experts system
- 6. PGR/ Foliar Nutrition/ Microbial Technology
- 7. Crop Improvement and Soil Health
- 8. Environment and Soil Health
- 9. Soil Health and Animal Nutrition
- 10. Economic Policies and Soil Health
- 11. Extension Approaches in Agriculture

## **Call for Abstracts and Full Papers**

The abstracts are invited for Oral and Poster Presentation. The participants are suggested to submit abstracts (250 words) in Times New Roman (12 points) on or before 28-02-22 through rshnrmcau@gmail.com.

After acceptance of Abstract, the full length paper not exceeding 7 pages (Including Tables and Figures) prepared as per the format of UGC approved /NAAS rated Journals may be sent to E-mail. Authors of selected research papers will be informed to pay additional fees and may be asked to carry out corrections if any within the stipulated time.