**ANNAMACHARYA UNIVERSITY FACULTY DETAILS FOR WEBSITE**

**About Profile**

NAME: Dr.J.Karpagam

DATE OF BIRTH: 01-04-1982

DESIGNATION:Assistant Professor

DEPARTMENT:Soil Science and Agricultural Chemistry

EMAIL ID:karpagamjaganathan18@gmail.com

DATE OF JOINING: 15.10.24

EMPLOYEE ID: 2304

## Academic Profile

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| --- | --- | --- |
| **Qualification** | **Name of the Board/University** | **YEAR** |
| PGD(Remote Sensing and GIS in Agriculture and Soils) | Indian Institute of remote sensing,IIRS,ISRO,Dehradun | 2022 |
| Postgraduate diploma in technology management in Agriculture | National Academy of Agriculture research management,Hyderabad | 2016 |
| Ph.D(Soil Science&Agricultural Chemistry) | Tamil Nadu Agricultural University,Coimbatore | 2012 |
| M.Sc(Soil Science&Agricultural Chemistry) | Tamil Nadu Agricultural University,Coimbatore | 2009 |
| B.Sc(Agriculture) | Tamil Nadu Agricultural University,Coimbatore | 2007 |

Research Details

1. Areas of Specialization:Soil Fertility/chemistry
2. List of Publications:5
* **Karpagam, J. & Nalliah, R.** (2018). Effect of Molybdenum on Enzyme Activity of Greengram (Vigna radiata) in Lowland Acid Soils. *International Journal of Plant and Soil Science*, 25(4), 1-10.
* **Karpagam, J. & Nalliah, R.** (2018). Carbon Sequestration on Germination of Maize in Open Top Chamber. *International Journal of Agricultural Sciences*, 10(16), 6981-6984.
* **Karpagam, J. & Girish Chander** (2015). Spatial Variability of Micronutrient Cations in Soils of Virudhunagar District, Tamil Nadu. *Agropedology*, 25(01).
* **Karpagam, J. & Girish Chander** (2014). Molybdenum Fertilization in Lowland Acid Soils of Pudukkottai. *Progressive Research Journal*, 9(1), 234-237.
* **Karpagam, J. & Rajesh N.** (2014). Molybdenum Application for Greengram Growth and Soil Health. *American-Eurasian Journal of Agriculture and Environmental Science*, 14(12), 1378-1381.

**Book**

* **Karpagam, J.** (2019). Effect of Molybdenum Fertilization in Lowland Acid Soils. Lambert Academic Publishing, Germany. ISBN: 978-613-9-91756-3
1. Awards Received : 7
* **Qualified NET (National Eligibility Test)**, ASRB, ICAR (2010)
* **Qualified ICAR-SRF (Senior Research Fellowship)** (2010)
* **Academic Excellence Award**: Post Graduate Diploma in Technology Management in Agriculture, NAARM (2016)
* **Certificate of Excellence in Reviewing**: *Journal of Scientific Research and Reports(2019)*, *International Journal of Current Microbiology and Applied Sciences(2020),Asian Journal of Agriculture and Horticulture(2021)*
* **Soil Science and Technology**: Topper in IIT Kharagpur (2019)
* **Best Safety Warden Team Award**: ICRISAT (2014)
* **Best Presentation Award**: Documented Indigenous Technical Knowledge (2003)
1. Research Guidance:
2. No. of PhD Guided: 2
3. No. of M.Tech Guided:2
4. No. of B.Tech Guided:
5. Details of Professional Membership:
* Indian Society of Soil Science
* Soil Science Society of America
* National bureau of soil science and land use planning
* European Society of Soil Science
1. **Subjects Taught:**

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| --- | --- | --- | --- |
| 1. | Fundamentals of Soil Science | SSAC 121 | 3(2+1) |
| 2. | Manures,Fertilizers,soil fertility management | SSAC 221 | 3(2+1) |
| 3. | Problematic Soils and their management | SSAC 321 | 2(1+1) |
| 4. | Geoinformatics and nanotechnology for Precision farming | AGRO301 | 2(1+1) |
| 5. | Soil,Plant,water and Seed Testing | ELCT222 | 3(1+2) |
| 6. | Agricultural Waste Management | ELCT 305 | 3(2+1) |
| 7. | Experience Learning Programme | ELP |  |

## Publication Details

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| --- | --- | --- |
| Title | Publisher | Year |
| Effect of Molybdenum on Enzyme Activity of Greengram (Vigna radiata) in Lowland Acid Soils | *International Journal of Plant and Soil Science* | 2018 |
| Carbon Sequestration on Germination of Maize in Open Top Chamber | *International Journal of Agricultural Sciences* | 2018 |
| Spatial Variability of Micronutrient Cations in Soils of Virudhunagar District, Tamil Nadu | *Agropedology* | 2015 |
| Molybdenum Fertilization in Lowland Acid Soils of Pudukkottai | *Progressive Research Journal* | 2014 |
| Molybdenum Application for Greengram Growth and Soil Health. | *American-Eurasian Journal of Agriculture and Environmental Science* | 2014 |