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| Name | **:** | **S. NADARADJAN** | **D:\PERSONAL\Dr.S.Nadaradjan.jpg** |
| Designation | **:** | Associate Professor (Crop Physiology) |
| Email ID | **:** | nadaradjans@gmail.com |
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| Area of Specialization | **:** | Molecular Stress physiology, Hormonal physiology |
| Years of Experience | **:** | 14 years as on 07-09-2020 |

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| --- | --- | --- |
|  | With ISBN | Without ISBN |
| Books | 2 | 2 |
| Book Chapters | 2 | 2 |

|  |  |  |
| --- | --- | --- |
| Research Articles (International) | Research Articles (National) | Research Notes |
| 3 | 10 | 2 |

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| --- | --- | --- | --- |
| Conference/ Seminar/ Symposium Papers | Poster Papers | Manuals (Teaching/ Training/ E-Courses) | Popular Articles/ Pamphlet/ Leaflet |
| 1 | 45 | 21 | 4 |

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| Students Guided | UG | PG | Ph.D. |
| 35 | 45\* | Nil |

\* as member

**Awards**

National level “**RD ASANA Gold Medal Award 2013”** for significant contributions in the area of Plant Physiology for Teaching, Research and Extension from Indian Society of Plant Physiology, New Delhi.

**Ad-hoc Projects**

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| --- | --- | --- | --- | --- | --- | --- |
| **Sl.No** | **Title of the project** | **Funding Agency** | **PI/Co PI** | **Grant sanctioned (in Lakh Rs)** | **Duration** | |
| **From** | **To** |
| 1 | AICRIP trial crop physiology | Directorate of Rice research | **PI** | 1.32 | 2009 | Till date |
| 2 | Study on the efficiency of ALLCOR, Plant Growth regulator on rice sponsored by | Neophyll Agrisciences Pvt., Ltd., Chennai | **PI** | 0.35 | 2008 | 2008 |
| 3 | Studies on CEEDRICH for Physiological and Yield parameters in rice | M/s. Tropical Agrosystem (India) Pvt. Ltd, Chennai | **PI** | 1.50 | 2019 | 2020 |
| 4 | Rehabilitation of existing tissue culture laboratory and production of virus free Banana planting material | NHM, State Government of Puducherry | **Co PI** | 20.00 | 2017 | Till date |
| 5 | From QTL to variety: Genomics – assisted introgression and field evaluation of rice varieties with genes/QTLs for yield under drought, flood and slat stress. | Department of Biotechnology | **Co PI** | 83.35 | 2011 | 2015 |
| 6 | From QTL to variety: Marker- assisted breeding of abiotic stress tolerant rice varieties with major QTLs for drought, submergence and salt tolerance | Department of Biotechnology | **Co PI** | 53.36 | 2018 | 2021 |
| 7 | Evaluation of zymo grainrich and greengrow on growth, physiology and yield of rice and vegetables | M/s United Alacrity India Pvt. Ltd., Chennai | **Co PI** | 7.64 | 2019 | 2021 |

**Five Best Papers With NAAS Ratings**

1. S.M. Impa, **S. Nadaradjan**, P. Boominathan, G. Shashidhara, H. Bindumadhava, and M.S. Sheshshayee, 2005. Carbon isotope discrimination accurately reflects variability in WUE measured at a whole plant level in rice (*Oryza sativa* L.) *Crop Science* **45:** 2517 – 2522.**(7.64)**
2. P. Raghuveer Rao , D. Subrhamanyam , B. Sailaja , R. P. Singh , V. Ravichandran , G. V. Sudershan Rao , P. Swain , S. G. Sharma , S. Saha , **S. Nadaradjan** , P. J. R. Reddy , A. Shukla, P. C. Dey , D. P. Patel , S. Ravichandran & S. R. Voleti , 2013. Influence of boron on spikelet fertility under varied soil conditions in rice genotypes, **Journal of Plant Nutrition**, 36:3, 390-400. **(6.75)**
3. Renu Singh, Yashi Singh, Suchit Xalaxo, S. Verulkarb, Neera Yadav, Shweta Singh, Nisha Singh, K.S.N. Prasad, K. Kondayya, P.V. Ramana Rao, M. Girija Rani,T. Anuradha, Y. Suraynarayana, P.C. Sharma, S.L. Krishnamurthy, S.K. Sharma,J.L. Dwivedi, A.K. Singh, P.K. Singh, Nilanjay, N.K. Singh, Rajesh Kumar, S.K. Chetia,T. Ahmad, M. Rai, P. Perraju, Anita Pande, D.N. Singh, N.P. Mandal, J.N. Reddy, O.N. Singh, J.L. Katara, B. Marandi, P. Swain, R.K. Sarkar, D.P. Singh, T. Mohapatra,G. Padmawathi, T. Ram, R.M. Kathiresan, K. Paramsivam, **S. Nadaradjan**, S. Thirumeni, M. Nagarajan, A.K. Singh, Prashant Vikram, Arvind Kumar,E. Septiningshih, U.S. Singh, A.M. Ismail, D. Mackill, Nagendra K. Singh, 2016. From QTL to variety-harnessing the benefits of QTLs for drought, floodand salt tolerance in mega rice varieties of India through a multi-institutional network, ***Plant Science***, **242**: 278 -287. **(9.79)**
4. K Raju, AL Narayanan, R Mohan and **S Nadaradjan**, **2018**. Influence of sowing dates on growth and yield of aerobic rice, ***International journal of chemical studies***, 6(1): 706-709. **(5.31)**
5. Aditi Bhandari, Pawan Jayaswal, Neera Yadav, Renu Singh, Yashi Singh, Balwant Singh, Nisha Singh, Sangeeta Singh, Amitha Sevanthi, Vandna Rai, Satish Verulkar, P. V. Ramana Rao, M. Girija Rani, T. Anuradha, P. V. Satyanarayana, S. L. Krishnamurthy, Prabodh Sharma, Deepika Singh, P. K. Singh, Nilanjay, Rajesh Kumar, Sanjay Chetia, T. Ahmad, Mayank Rai, Jawahar Katara, B. Marandi, Padmini Swain, R. K. Sarkar, D. P. Singh, J. N. Reddy, Nimai Mandal, K. Paramasivam, **S. Nadaradjan**, S. Thirumeni, Jyothi Badri, G. Padmavathi, T. Ram and Nagendra Singh., 2019. Genomics-assisted backcross breeding for infusing climate resilience in high-yielding green revolution varieties of rice. *Indian J. Genet*., 79(1) Suppl. 160-170 **(6.47)**
6. Thomas, T., Purushothaman, J., Janarthanan, R. Anusuya, N., Prasanna Geetha Medisetti, Karthick, J., **Nadaradjan, S**., and Thirumeni, S.,  2020*.* Identification of rice genotypes for seedling stage multiple abiotic stress tolerance. *Plant Physiol. Rep.* 25, 697–706 **(5.18)**