

BIODATA

Name : **Dr. Priyanka Gautam**
Designation : Scientist
Discipline : Agronomy
Area of research : Nutrient Management, Fodder Agronomy,
interest Submergence rice
Experience : 11 years (on December 2022)
Phone no. : 9783370103
Email address : priyanka.gautam@icar.gov.in



Academic qualifications

Degree	Subject	Year	Institute
Graduation	Agriculture	2008	SKUAS&T, Jammu, J&K
Post-graduation	Agronomy	2010	CSK HPKV, Palampur, H.P.
Ph.D.	Agronomy	2022	SKRAU, Bikaner, Rajasthan

PUBLICATIONS

Research Papers: 70

Technical/Research Bulletins: 10

Books: 3

Book Chapters: 10

Popular articles: 40

Google Scholar Citations: 1833

Ten Best Publications

	Details of Publications	NAAS Score
1.	Gautam Priyanka* , Nayak AK, Lal B, Bhattacharyya P, Tripathi R, Shahid M, Mohanty S, Raja R and Panda BB (2014). Submergence tolerance in relation to application time of nitrogen and phosphorus in rice (<i>Oryza sativa</i> L.). <i>Environmental and Experimental Botany</i> 99: 159–166.	11.55
2.	Gautam Priyanka* , Lal B, Tripathi R, Shahid M, Baig M J, Raja R, Maharana S and Nayak AK (2016). Role of silica and nitrogen interaction in submergence tolerance of rice. <i>Environmental and Experimental Botany</i> 125:98–109	11.55

3.	Gautam Priyanka* , Lal B, Tripathi R, Shahid M, Baig M J, Maharana S, Puree S and Nayak AK (2016). Beneficial effects of potassium application in improving submergence tolerance of rice (<i>Oryza sativa</i> L.). <i>Environmental and Experimental Botany</i> DOI: 10.1016/j.envexpbot.2016.04.005	11.55
4.	Gautam Priyanka* , Lal B, Panda BB, Bihari P, Chatterjee D, Singh T, Nayak PK, Nayak AK (2021). Alteration in agronomic practices to utilize rice fallows for higher system productivity and sustainability. <i>Field Crops Research</i> DOI: 10.1016/j.fcr.2020.108005	11.22
5.	Gautam Priyanka* , Lal B, Tripathi R, Baig MJ, Shahid M, Maharana S, Bihari P, Nayak AK (2017). Impact of Seedling Age and Nitrogen Application on Submergence Tolerance of Sub1 and Non-Sub1 Cultivars of Rice (<i>Oryza sativa</i> L.). <i>Journal of Plant Growth Regulation</i> 36, 629–642.	10.17
6.	Gautam Priyanka* , Lal B, Raja R, Tripathi R, Shahid M, Baig M J, Puree C, Mohanty S and Nayak AK (2016). Effect of simulated flash flooding on rice and its recovery after flooding with nutrient management strategies. <i>Ecological Engineering</i> 77:250-256.	10.04
7.	Gautam Priyanka* , Lal B, Nayak AK, Raja R, Panda BB, Tripathi R, Shahid M, Baig MJ, Chatterjee D, Swain CK (2019). Inter-relationship between intercepted radiation and rice yield influenced by transplanting time, method, and variety. <i>International Journal of Biometeorology</i> 63, 337–349.	9.79
8.	Gautam Priyanka* , Lal B, Raja R, Baig MJ, Haldar D, Rath L, Shahid M, Tripathi R, Mohanty S, Bhattacharyya P and Nayak AK (2014). Post-flood nitrogen and basal phosphorus management affects survival, metabolic changes and anti-oxidant enzyme activities of submerged rice (<i>Oryza sativa</i> L.). <i>Functional Plant Biology</i> 41: 1284-1294.	9.10
9.	Gautam Priyanka* , Lal B, Raja R, Baig MJ, Mohanty S, Tripathi R, Shahid M, Bhattacharyya P and Nayak AK (2015). Effect of nutrient application and water turbidity on submergence tolerance of rice (<i>Oryza sativa</i> L.). <i>Annals of Applied Biology</i>	8.75
10.	Gautam Priyanka* , Lal B, Nayak AK, Bhattacharyya P, Baig MJ, Raja R, Shahid M, Tripathi R, Mohanty S, Panda BB, and Kumar A (2015). Application time of nitrogen and phosphorus fertilization mitigates the adverse effect of submergence in rice (<i>Oryza sativa</i> L.). <i>Experimental Agriculture</i> 51: 522–539.	8.12