



# Association of Plant Science Researchers (APSR)

(Official Organizations of PLANTICA FOUNDATION)

(Regt. Under The Indian Trust Act, 1882 of Govt. of India)

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Ref. No.: PF/ PBTIRA/ IRA / Result/ 2020

Date: 14, August 2020

## Result – 2<sup>nd</sup> Plantica Best Thesis and Innovative Research Award- 2020

### List of Selected Candidates for Innovative Research Award – 2020

#### 1. Innovative Research Award

	Regt. No.	Authors	Title of Research Paper	Journal Name and NAAS Rating/ Scopus Indexing
<b>1</b>	<b>Botany</b>			
1	PF/PBTIRA-2/ IRA -2020/ 010	<b>Obida Beenish</b> , Latief Ahmad, Ashaq Hussain and Eugenia P. Lal	Organic Manure & Biofertilizers: Effect on the Growth and Yield of Indian Mustard ( <i>Brassica juncea</i> L.) Varieties	Current Journal of Applied Science and Technology 30(4): 1-7, 2018. <b>NAAS- 5.32</b>
<b>2</b>	<b>Plant Biotechnology</b>			
1	PF/PBTIRA-2/ IRA -2020/ 021	<b>Arjun Chauhana</b> , J.N. Sharmab, Manju Modgila, Sundaresha Siddappa	Comparison of various RNA extraction methods, cDNA preparation and isolation of calmodulin gene from a highly melanized isolate of apple leaf blotch fungus <i>Marssonina coronaria</i>	Journal of Microbiological Methods 151 (2018) 7–15. <b>NAAS- 7.80, SCI Indexed</b>
2	PF/PBTIRA-2/ IRA -2020/ 006	<b>Suraksha Chanotra</b> , RK Bali, RK Salgotra, K Bali and GK Rai	Evaluation of genetic diversity in selected <i>Morus</i> genotypes using molecular markers	Journal of Pharmacognosy and Phytochemistry 2019; 8(1): 2617-2622 <b>NAAS- 5.21</b>
<b>3</b>	<b>Plant Protection</b>			
1	PF/PBTIRA-2/ IRA. -2020/ 002	N. Ranjitha, V. <b>Devappa*</b> and C.G. Sangeetha	Evaluating Eco-friendly Botanicals against <i>Colletotrichum gloeosporioides</i> causing Anthracnose of Mango	Int.J.Curr.Microbiol.App.Sci (2019) 8(5): 1809-1816 <b>NAAS- 5.38</b>
2	PF/PBTIRA-2/ IRA. -2020/ 007	<b>M A Bhat</b> , ZI Buhroo, A Aziz, Suraksha Chanotra, NA Ganai and Jasmeena Qadir	Approaches of genetic divergence studies conducted in the silkworm <i>Bombyx mori</i> L.: A review	Journal of Pharmacognosy and Phytochemistry 2019; 8(6): 1749-1762 <b>NAAS- 5.21</b>
<b>4</b>	<b>Plant Breeding and Genetics</b>			
	Not Found Suitable			
<b>5</b>	<b>Soil Science</b>			
1	PF/PBTIRA-2/ IRA. -2020/ 004	<b>Perminder Singh Brar*</b> , Rajesh Kaushal, Gitika Bhardwaj	Evaluation of Organic Manures, Fermented Organics and PGPR on Plant Growth and Soil Properties under Capsicum ( <i>Capsicum annum</i> L.)	Int.J.Curr.Microbiol.App.Sci (2020) 9(6): 1413-1421 <b>NAAS- 5.38</b>
2	PF/PBTIRA-2/ IRA -2020/ 005	<b>Gitika Bhardwaj</b> , Uday Sharma, Perminder Singh Brar and Rajesh Kaushal	Growth Response of Capsicum ( <i>Capsicum annum</i> L.) to Varying Levels of Phosphorus, Zinc and Arbuscular Mycorrhizae	Current Journal of Applied Science and Technology 39(13): 24-31, 2020 <b>NAAS- 5.32</b>
3	PF/PBTIRA-2/ IRA -2020/ 016	<b>SA Durgude</b> , AL Pharande, AD Kadlag and MR Chauhan	Effect of fly ash and bagasse ash on physico-chemical properties of soil and yield of wheat in an inceptisol	International Journal of Chemical Studies 2018; 6(4): 2037-2040 <b>NAAS- 5.31</b>

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<b>6</b>	<b>Social Science</b>			
1	PF/PBTIRA-2/ IRA -2020/ 001	<b>Sunil Kumar</b> , Ravindra Singh, Pratibha B Thombare and Pandurang A Kale	Priority sector lending and non-performing assets: Status, impact & issues	Journal of Pharmacognosy and Phytochemistry 2020; 9(1): 1746-1749 <b>NAAS- 5.21</b>
<b>7</b>	<b>Horticulture</b>			
1	PF/PBTIRA-2/ IRA.-2020/ 022	<b>S P S Solanki</b> , Naveen C. Sharma, J S Chandel and Pramod Kumar	Effect of conjoint bio-organic and inorganic nutrient sources on plant growth, leaf nutrient content and soil properties of Peach ( <i>Prunus persica</i> )	Indian Journal of Agricultural Sciences 89 (1): 16 – 21, January, 2019 <b>NAAS-6.25</b>
2	PF/PBTIRA-2/ IRA.-2020/ 017	<b>RA Durgude</b> , VS Supe, SS Kulkarni, UD Chavan and CA Nimbalkar	Effect of different chemicals on flowering, fruit set and yield in pomegranate ( <i>Punica granatum</i> L.) Cv. Phule Bhagwa	International Journal of Chemical Studies 2019; 7(3): 1836-1841 <b>NAAS- 5.31</b>
3	PF/PBTIRA-2/ IRA.-2020/ 018	<b>BH Nadkarni</b> , MN Bhalekar and AG Durgude	Effect of nutrient scheduling on flowering, fruit set and yield of pomegranate ( <i>Punica granatum</i> L.) Cv. Phule Bhagwa Super	International Journal of Chemical Studies 2018; 6(6): 759-761 <b>NAAS- 5.31</b>
<b>8</b>	<b>Medicinal and Aromatic Plants</b>			
1	PF/PBTIRA-2/ IRA.-2020/ 003	<b>Subhash Chandra</b> , Sarla Saklani, Ruchi Badoni Semwal and Deepak Kumar Semwal	Estimation of Nutritional and Mineral Contents of <i>Eleusine coracana</i> and <i>Echinochloa frumentacea</i> – Two Edible Wild Crops of India	Current Nutrition & Food Science, 2018, 14, 1-4 <b>ESCI and Scopus Indexed</b>
<b>9</b>	<b>Forestry</b>			
1	PF/PBTIRA-2/ IRA.-2020/ 013	Parveen Kumar, <b>Ajay Kumar Mishra</b> , Suresh Kumar Chaudhari, Dinesh Kumar Sharma, Arvind Kumar Rai, Kailash Singh, Poornima Rai, and Rakesh Singh	Carbon Sequestration And Soil Carbon Build-Up Under Eucalyptus Plantation In Semi-Arid Regions Of North-West India	Journal of Sustainable Forestry <a href="https://doi.org/10.1080/10549811.2020.1749856">https://doi.org/10.1080/10549811.2020.1749856</a> <b>Thomson Reuters (Science Citation Index Expanded)</b>
2	PF/PBTIRA-2/ IRA.-2020/ 019	<b>Shashidhar Kumar Jha</b> , Purna Jana, Ajeet. K. Negi and Rajendra Singh Negi	Livelihood Vulnerability Associated With Forest Fire In Pauri- Garhwal, Western Himalaya	The Open Ecology Journal, 2018, Volume 11 <b>Scopus Indexed</b>
3	PF/PBTIRA-2/ IRA.-2020/ 015	<b>Sandeep Rout*</b> and Neelam Khare	Effect of Various Surface Sterilant on Contamination and Callus Regeneration of Ashoka ( <i>Saraca asoca</i> Roxb. De Wilde) from Leaf Segment Explant	Int.J.Curr.Microbiol.App.Sci (2018) 7(7): 2027-2033 <b>NAAS- 5.38</b>
<b>10</b>	<b>Agri Business Management</b>			
	Not Found Suitable			
<b>11</b>	<b>Agronomy</b>			
1	PF/PBTIRA-2/ IRA-2020/ 008	<b>AS Dhonde</b> , BS Raskar, SG Bhalekar and SD Thorat	Effect of organic manures on yield, quality and uptake of onion	International Journal of Chemical Studies 2019; 7(1): 494-496 <b>NAAS- 5.31</b>

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12	Plant Biochemistry			
1	PF/PBTIRA-2/ IRA-2020/ 011	<b>Birendra K. Padhan,</b> Lekshmy Sathee, Hari S. Meena, Sandeep B. Adavi, Shailendra K. Jha and Viswanathan Chinnusamy	CO2 Elevation Accelerates Phenology and Alters Carbon/Nitrogen Metabolism vis-à-vis ROS Abundance in Bread Wheat	Frontiers in Plant Science July 2020 (11) <b>NAAS- 10.11</b>
13	Agri Engineering			
	Not Found Suitable			

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#### Reviewer Board

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