

# **Evaluation Proforma for Ranking of Agricultural Universities for the Year 2018**

**Submitted to**



**Education Division**

**Indian Council of Agricultural Research**

**New Delhi-110012**

**Submitted by**



**ICAR-Indian Agricultural Research Institute**

**New Delhi-110012**

## Evaluation Proforma for Ranking of Agricultural Universities for the year 2018

### Brief Profile of the University:

#### 1. Full Name and Address of the University:

ICAR-Indian Agricultural Research Institute  
New Delhi-110012

#### 2. Contact details of ICAR Nodal officer:

Name: Dr. K.M. Manjaiah  
E-mail: associatedean@iari.res.in  
Mobile: 9818756574

#### 3. Number of Students Passed out (2018):

UG : NA  
PG : 140  
Ph.D. : 97

#### 4. Faculty Position as on 01.01.2018

	Sanctioned	In Position	% of Filled
IARI, New Delhi	505	442	87.5
Regional Centres	73	52	71.2
KVK	01	01	100.0
Total	<b>579</b>	<b>495</b>	<b>85.5</b>

\*In addition, from ICAR-National Institute for Plant Biotechnology (NIPB), ICAR-National Bureau of Plant Genetic Resources (NBPGR) and ICAR-Indian Agricultural Statistics Research Institute (IASRI) 25, 56 and 54 Scientists, respectively are recognised as Faculty Members of PG School, IARI, New Delhi for the Disciplines of Molecular Biology & Biotechnology, Plant Genetic Resources, Agricultural Statistics, Bioinformatics and Computer Application

#### 5. University budget of Financial Year 2018-19

- i) State Government:
- ii) Central Government: Rs. 606.35 crores
- iii) Private Sector:

**Total: Rs. 606.35 crores**

## PROFORMA

Parameters	Score	Score awarded
<b>(A). TEACHING OUTCOME (IMPACT/QUALITY WEIGHTAGE 40% OR 40 MARKS)</b>		
<b>A1. Number of students got ICAR-PG Scholarship (erstwhile JRF) during 2018/ Number of UG students passed out</b> (List to be enclosed as Annexure A1 <b>(Maximum 1 mark)</b> )	NA	
If more than 5% of UG students got ICAR-PG Scholarships (The students who cleared the exam but not awarded ICAR-PG Scholarship not to be included.)	1 mark	
<b>A2. Number of students got admission in Master's program during 2018 through ICAR entrance examination/ Number of UG students passed out</b> (List to be enclosed as Annexure A2) <b>(Maximum 1 mark)</b>	159 (100% students got admission through ICAR Entrance Examination)  <b>(Annexure A2)</b>	
If more than 10% of UG students got admission at Master's level through ICAR entrance examination	1 mark	
<b>A3. Students performance at M.Sc. Level</b> (List to be enclosed as Annexure A3) <b>(Maximum 2 marks)</b>	<b>(i) ICAR JRF/SRF: 28</b> <b>(ii) Other Fellowships: 138</b> <b>Total: 166 Fellowships</b> RGNF-SC: 42; DBT-JRF: 14; UGC-CSIR: 11; UGC NET – JRF: 42; UGC National Fellowship for OBC : 22; and DST – INSPIRE: 7  <b>(Annexure A3)</b>	
If more than 5% of students got ICAR-JRF/SRF (erstwhile SRF) or equivalent <b>(The students who cleared the exam but not awarded IACR-JRF/SRF not to be included.)</b>	2 marks	
<b>A4. Students performance at M.Sc. Level</b> (List to be enclosed as Annexure A4) <b>(Maximum 1 mark)</b>	NA  (100% Ph.D. seats at IARI are filled through the All India Entrance	

	Examination conducted by IARI)	
If more than 10% of students got admission in Ph.D. through ICAR entrance examination	1 mark	
<b>A5. ICAR Jawaharlal Nehru Award for Ph.D. thesis in 2018</b> (List to be enclosed as Annexure A5) ( <b>Maximum 2 marks</b> )	<b>NINE awards</b> <ol style="list-style-type: none"> <li>1. <b>Dr. R.K. ELLUR</b>, Division of Genetics, in Crop Sciences category.</li> <li>2. <b>Dr. ANINDITA DATTA</b>, Agricultural Statistics, in Social Sciences category.</li> <li>3. <b>Dr. HEMA BALIWADA</b>, Agricultural Extension, in Social Sciences category.</li> <li>4. <b>Dr. SOMNATH KADAPPA HOLKAR</b>, Plant Pathology, in Crop Protection category.</li> <li>5. <b>Dr. BAPPA DAS</b>, Agricultural Physics, in Natural Resource Management category.</li> <li>6. <b>Dr. SARITHA M.</b> in Natural Resource Management category.</li> <li>7. <b>Dr. BRIJ BIHARI SHARMA</b>, Vegetable Science, in Horticultural Sciences category.</li> <li>8. <b>Dr. SELVAKUMAR R.</b> in Horticultural Sciences category.</li> <li>9. <b>Dr. KALE SAKHARAM JAGAN</b>, Agricultural Engineering, in Agricultural Engineering category.</li> </ol> <b>(ICAR Award ceremony Citation as Annexure A5)</b>	
If number is 1	1 mark	
If number is more than 1	2 marks	
<b>A6. Percentage of ARS selections in the disciplines offered by University against available seats advertised by ASRB during 2018</b> (List to be enclosed as Annexure A6) ( <b>Maximum 3 marks</b> )	ARS Examination not held in 2018.	
Upto 5 per cent	1 mark	

More than 5 per cent	3 marks	
<b>A7. Percentage of students qualified NET Exam in the disciplines of Agriculture and allied Sciences during 2018</b> (List to be enclosed as Annexure A7) (Maximum 3 marks)	38.70% No. of IARI students qualified in NET I Exam: 235 No. of IARI students qualified in NET II Exam: 109 (Total No. Ph.D. students on Roll at IARI : 888)  (Information has been obtained from ASRB. Further details could be obtained/verified from ASRB please)	
Upto 5 per cent	1 mark	
More than 5 per cent	3 marks	
<b>A8. Percentage of faculty positions filled in teaching, research, extension, KVK, AICRP and at regional stations (with details of Positions filled and sanctioned cadre strength for each category)</b> (List to be enclosed as Annexure A8) (Maximum 4 marks)	85.50% (List enclosed as Annexure A8)	
60 to 70%	1 mark	
70 to 80%	2 marks	
If more than 80 %	4 marks	
<b>A9. Number of students admitted from overseas for Ph.D. during 2018</b> (List to be enclosed as Annexure A9) (Maximum 2 marks)	<b>Eight</b> (List enclosed as Annexure A9)	
If number is up to 2	1 mark	
If it is more than 2	2 marks	
<b>A10. National and International awards (such as those conferred by the National Organizations like the ICAR, CSIR, DBT, DST, Government of India, international Bodies of repute like FAO, UN, CG Centres and Recognized National Sciences/Engineering Academies) (earned by Faculty) in 2018</b> (List with only top 10 awards to be enclosed	<b><u>ICAR Awards</u></b> 1. <b>Dr. D.K. Yadava</b> , Head, Division of Seed Science & Technology, Indian Agricultural Research Institute & ADG (Seeds)- Acting, ICAR, New Delhi awarded Rafi Ahmed Kidwai Award for Outstanding Research in Agricultural Sciences, 2017 under Crop & Horticultural Sciences	

<p>as Annexure A10) (Maximum 3 marks)</p>	<p>Category.</p> <ol style="list-style-type: none"> <li>2. <b>Dr. B.S. Dwivedi</b>, Head, Division of Soil Science &amp; Agricultural Chemistry, Indian Agricultural Research Institute, New Delhi awarded Rafi Ahmed Kidwai Award for Outstanding Research in Agricultural Sciences, 2017 under Natural Resource Management &amp; Agricultural Engineering Category.</li> <li>3. <b>Dr. Archana Sachdev</b>, Principal Scientist, Division of Biochemistry, Indian Agricultural Research Institute, New Delhi awarded the Bharat Ratna Dr. C. Subramaniam Award for Outstanding Teachers, 2017 for Crop &amp; Horticultural Sciences</li> <li>4. <b>Dr. Tapan Jyoti Purakayastha</b>, Principal Scientist, Division of Soil Science &amp; Agricultural Chemistry, Indian Agricultural Research Institute, New Delhi awarded the Bharat Ratna Dr. C. Subramaniam Award for Outstanding Teachers, 2017 for Natural Resource Management &amp; Agricultural Engineering.</li> <li>5. <b>Dr. Alka Singh</b>, Professor &amp; Principal Scientist, Division of Agricultural Economics, Indian Agricultural Research Institute, New Delhi awarded the Bharat Ratna Dr. C. Subramaniam Award for Outstanding Teachers, 2017 for Social Sciences.</li> <li>6. <b>Dr. Shelly Praveen</b>, Head &amp; Principal Scientist, Division of Biochemistry, Indian Agricultural Research Institute, New Delhi awarded Panjabrao Deshmukh Outstanding Women Scientist Award, 2017.</li> <li>7. <b>Dr. Neeru Bhushan</b>, Incharge &amp; Principal Scientist, Zonal technology Management &amp;</li> </ol>	
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	<p>Business Planning and Development Unit, Indian Agricultural Research Institute, New Delhi awarded Panjabrao Deshmukh Outstanding Women Scientist Award, 2017.</p> <p>(ICAR Award ceremony Citation as <b>Annexure A5</b>)</p> <p><b><u>Other Awards</u></b></p> <ol style="list-style-type: none"> <li>1. Dr. Rashmi Aggarwal, Head, Division of Plant Pathology was conferred with Outlook Agriculture Conclave and Innovation Award in the category “ Innovation in Crop Protection through Scientific Process” on January 23, 2018 by Hon'ble Union Minister of Agriculture and Farmers Welfare.</li> <li>2. Dr. G. P. Rao, Principal Scientist, Division of Plant Pathology was conferred with the Leadership Excellence Award in Sugarcane Crop Protection by the Thailand Society of Sugarcane Technologists in 6<sup>th</sup> IAPSIT International Sugar Conference, Udon Thoni, Thailand held on March 6-9, 2018.</li> <li>3. Dr. Shelly Praveen, Head &amp; Principal Scientist, Division of Biochemistry, IARI, New Delhi received Vasvik Award in the area of Agricultural Science &amp; Technology.</li> <li>4. Dr. B.S. Dwivedi, Head, Division of Soil Science &amp; Agricultural Chemistry conferred the FAI Golden Jubilee Award, 2018.</li> </ol>	
If Number is 1	1 mark	
If Number is 2-4	2 marks	
Number more than 4	3 marks	

<b>A11. Best Institution/University Awarded by ICAR in 2018 in any field</b> (Proof to be enclosed as Annexure A11) <b>(Maximum 1 mark)</b>	NIL 1 mark	
<b>A12. Award in All India Youth Festival or All India Agri. University Sports Meet in 2018</b> (Proof to be enclosed as Annexure A12) <b>(Maximum 1 mark)</b>	NIL	
1 <sup>st</sup> , 2 <sup>nd</sup> or 3 <sup>rd</sup> Position in 2018	1 mark	
<b>A13. Fellowship or Associateship of National Science Academies (NAAS, INSA, NAS, NAMS, INAE achieved during 2018)</b> (List not more than five to be enclosed as Annexure A13) <b>(Maximum 2 marks)</b>	<b>NAAS Fellow: 5</b> <b>NAAS Fellows elected by the Academy</b> wef January 1, 2019 1. <b>Dr. (Ms.) Rashmi Aggarwal</b> , Principal Scientist & Head, Division of Plant Pathology, ICAR-IARI, New Delhi. 2. <b>Dr. Tapas Kumar Das</b> , Principal Scientist, Division of Agronomy, ICAR-IARI, New Delhi. 3. <b>Dr. Tapan Jyoti Purakayastha</b> , Principal Scientist, Division of Soil Science and Agricultural Chemistry, ICAR-IARI, New Delhi. 4. <b>Dr. Mukesh Kumar Dhillon</b> , Principal Scientist, Division of Entomology, ICAR-IARI, New Delhi. 5. <b>Dr. (Ms.) Neera Singh</b> , Principal Scientist, Division of Agricultural Chemicals, ICAR-IARI, New Delhi. <b>(Annexure A13)</b>	
Upto 1	1 mark	
2 or more	2 marks	
<b>A14. Percentage of Faculty with Ph.D. degrees obtained from universities from outside of the state where employed</b> (List along with proof to be enclosed as Annexure A14) <b>(Maximum 2 marks)</b>	33.74% 167 out of 495 faculty  (List enclosed as <b>Annexure A14</b> )	
If less than 15%	No marks	



15 to 25%	1 mark	
More than 25%	2 marks	
<b>A15. Percentage of Faculty from the State other than the State in which university situated. (List along with proof to be enclosed as Annexure A15) (Maximum 2 marks)</b>	59.80% 296 out of 495 faculty  (List enclosed as <b>Annexure A15</b> )	
Less than 20 %	No marks	
20-30 %	1 mark	
More than 30 %	2 marks	
<b>A16. Number of Faculty with 3 months or more of Postdoctoral/ Visiting scientist experiences abroad in 2018 (Maximum 1 marks)</b>	Dr. K. Swarnalakshmi, Principal Scientist selected for Fulbright-Nehru Academic and Professional Excellence Fellowship (Research) 2018-19 w.e.f. 5/9/2018 to 4/6/2019 (University of California, USA)	
More than 3% of faculty strength	1 mark	
<b>A17. Average footfall in library (Maximum 2 marks)</b>	70-75 students /faculty per day	
Up to 15% of students/faculty in position visiting library daily	1 mark	
More than 15% of students /faculty in position visiting library daily	2 marks	
<b>A18. CERA utilization in 2018 (Maximum 2 marks )</b>	Total Hits on J-gate = 32,344  ( <b>Annexure A18</b> )	
*CERA Utilization (number of hits/ total number of students and faculty) (to be awarded for top 10 universities)  <i>*information will be collected from DKMA, ICAR</i>	2 marks	
<b>A19. Accreditation as on 01.01.2018 (by ICAR) (copy of accreditation letter/ certificate to be enclosed as Annexure A19). (Maximum 3 marks)</b>	Accredited by NAEAB for <b>5 years</b> up to March 15, 2020  (Copy of accreditation certificate enclosed as <b>Annexure A19</b> )	
Accreditation granted for up to 2 years to the University	2 marks	
Accreditation granted for up to 5	3 marks	

years to the University		
<b>A20. Implementation of recommendation of Fifth Deans, Committee/BSMA Committees.</b> (copy of proceedings of Academic Council/ Board of Management, in which decision of implementation was taken, to be enclosed as Annexure A20) (Maximum 2 marks).	The word “M.Sc. Agriculture” with the name of the discipline in the M.Sc. degrees to be pre-fixed as Recommended by BSMA Fifth Dean’s Committee for PG Programmes has been fully adopted at IARI.  (Notification enclosed as Annexure A20)	
Fifth Deans Committee/BSMA Committees recommendations partially implemented (If not implemented in all the faculties/ Colleges).	1 mark	
Fifth Deans Committee/BSMA Committees recommendations fully implemented.	2 marks	
<b>(B). RESEARCH (WEIGHTAGE 30 % OR 30 MARKS)</b>		
<b>B1. Research Product</b> - (No. of research articles including review articles per faculty member having NAAS rating of over 6.0 in 2018) (List of papers along with NAAS rating 2019 to be enclosed as Annexure B1). <u>Listing of publications below NAAS rating of 6.0 should not be made.</u> (Maximum 9 marks)	<b>1.36%</b>  675 papers with NAAS Rating 6.0 and above published by 495 faculty.  (List enclosed as Annexure B1)	
Less than 0.5 papers per faculty member	No marks	
0.6 - 1.0 papers per faculty member	3 marks	
1.1 - 1.5 papers per faculty member	5 marks	
1.6 - 2.0 papers per faculty member	7 marks	
More than 2.0 papers per faculty member	9 marks	
<b>B2. Research Impact (Maximum 5 marks)</b>		
Percentage of faculty having h-index as 10 or more than 10 (to be obtained from Google Scholar)	22.83%  Number of faculty having h-index 10 or more than 10 = 113	

	Total number of faculty: 495 <b>(Annexure B2)</b>	
If 2 to 5 percent	1 mark	
If 6 to 10 percent	2 marks	
If 10 to 20 percent	3 marks	
If more than 20 percent	5 marks	
<b>B3. Research Excellence</b>		
<b>(i) Patents granted during 2018</b> (Only patents granted along with proof to be listed as Annexure B3(i)) <b>(Maximum 6 marks)</b>	<b>14 patents</b> <b>(List enclosed as Annexure B3 (i) with the Proof)</b>	
Per patent granted	2 marks (limited to 6 marks )	
<b>(ii) Varieties released (Maximum 6 marks)</b> (Varieties released by the centre/State Government and notified in Gazette to be listed. (Copy of gazette notification to be enclosed as Annexure B3(ii)) <b>Or</b> <b>breeds/technologies/vaccines developed/ new strains of 'bacteria/ virus /parasite identified (Maximum 6 marks)</b> (Appropriate proof for development and adoption of technology to be enclosed as Annexure B3(ii)) <b>Or</b> <b>new farm machinery &amp; tools developed during the year 2018 (Maximum 6 marks)</b> (Appropriate proof for development and adoption of machinery & tools to be enclosed as Annexure B3(ii))	<b>7 Varieties released</b> <b>(List enclosed as Annexure B3(ii))</b>  1 mark for each (limited to 6 marks)	
<b>(iii) Funds received through external competitive grants (excluding ICAR development and KVK and AICRP) (Total amount) (Maximum 3 marks)</b>	<b>Rs. 50.00 crores</b>	
2 -3 crores	1 mark	
3 to 5 crores	2 marks	
More than 5 crores	3 marks	

<b>(iv) If PME Cell Established and Functional (Maximum 1 mark)</b>	<b>YES</b> 1 mark	
<b>(C). EXTENSION AND OUTREACH (WEIGHTAGE 30% OR 30 MARKS)</b>		
<b>C1. KVK Awards during 2018 (Maximum 4 marks)</b> (Attach Proof as Annexure C1)	NIL	
Zonal Award (one mark for each award)	2 marks	
National Award (two marks for each award)	2 marks	
<b>C2. Extension workers Award at State/National Level (by Government Agency) during 2018.</b> (Proofs to be enclosed as Annexure C2) (Maximum 4 marks)	(List enclosed at Annexure C2)	
<b>State level Awards</b>		
1-5 Awards	1 mark	
More than 5 awards	2 marks	
<b>National level awards</b>		
1-3 Awards	1 mark	
More than 3 awards	2 marks	
<b>C3. Quality input supplied by University (Seed, Semen, planting material etc.) during 2018 (Maximum 2 marks)</b>		
More than 50,000-1,50,000 planting material	1 mark	
More than 1,50,000 planting material	2 marks	
Or		
Semen up to 10,000 doses	1 mark	
Semen 10001 to 50,000 doses	2 marks	
Or		
Breeder Seed (Cereals and Pulses) upto 200 quintals	1 mark	
More than 200 quintals	<b>1186.26 quintals</b> 2 marks	
Or		

Fish Seed / fingerlings supplied		
10 Lakh to 1 Crore	1 mark	
More than 1 Crore	2 marks	
<b>C4. If one lakh soil samples are analyzed per year (Maximum 1 mark)</b>	<b>1142 samples</b> 1 mark	
<b>C5. Resource generated through consultancies, certification, testing, tuition fee, licensing, training, sale of inputs and commercialization of technologies during FY 2018-19.</b> The details of revenue, head (item) wise, duly certified and signed by Comptroller of the University need to be listed as Annexure C5. The list should exclude the items listed in B3(iii) <b>(Maximum 10 marks)</b>	<b>0.46%</b> <b>Total revenue generated: Rs.276.74 lakhs</b> <b>Total budget of University: Rs.60635.42 lakhs</b>  (Proof enclosed as <b>Annexure C5</b> )	
5-10 % of University Budget	1 mark	
10-20 % of University Budget	4 marks	
20-30 % of University Budget	7 marks	
More than 30 % of University Budget	10 marks	
<b>C6. Number of inter-institutional collaborative projects obtained during 2018</b> (Proof to be enclosed as Annexure C6) <b>(Maximum 2 marks)</b>	<b>7 projects</b> (Proof enclosed as <b>Annexure C6</b> )	
One project	1 mark	
Two or more	2 marks	
<b>C7. Partnership with Private Sector made during 2018</b> (Proof to be enclosed as Annexure C7) <b>(Maximum 1 mark)</b>	<b>15</b> Consultancy Projects, Contract Research and Contractual Services <b>(Proof enclosed as Annexure C7)</b>	
<b>C8. Exchange of faculty (Sabbatical, Visiting Scientist, Adjunct Faculty) during 2018</b> (Proofs to be enclosed as Annexure C8) (Guest lectures not to be included) <b>(Maximum 2 marks)</b>		
Faculty coming from outside University (Minimum 1)	<b>Adjunct Faculty: 5</b> (List of Adjunct Faculty as approved by the Academic Council enclosed as <b>Annexure C8</b> )	

	1 mark	
Faculty of University going to other University (Minimum 1 faculty)	The following faculty members visited Yezin Agricultural University, Yezin, Myanmar to teach courses under ACARE programme. 1. Dr. J.P. Sharma, Joint Director (Extension) 2. Dr. R.N. Padaria, Professor, Agricultural Extension 3. Dr. S.K. Jha, Professor, FS&PHT 4. Dr. Abhijit Kar, PI, IM-ACARE 5. Dr. N.V. Kumhare, Incharge, ATIC 6. Dr. Nishi Sharma, Principal Scientist, CATAT 7. Dr. M.S. Nain, 8. Dr. D.U.M. Rao, Principal Scientist, Agril. Extension 9. Dr. R.R. Burman, Principal Scientist, Agril. Extension	
	1 mark	
<b>C9. Number of Enterprises / start-ups promoted by the University</b> (List is to be provided as Annexure C9) (Maximum 2 marks)	<b>24</b>  (Proof enclosed as <b>Annexure C9</b> )	
1-2	1 mark	
More than 2	2 marks	
<b>C10. Percentage of Students employed in Public/ Private/ Banking Sectors</b> (List is to be provided as Annexure C10) (Maximum 2 marks)	<b>36.76%</b> <b>Number of students employed = 68</b> <b>Number of students admitted in Ph.D. = 185</b>  (List enclosed at <b>Annexure C10</b> )	
10-20 percent	1 mark	
More than 20 percent	2 marks	
<b>Total</b>	<b>100 marks</b>	

I, Dr. Rashmi Aggarwal, Dean and Joint Director (Education) hereby certify that the information contained in this Proforma is furnished as per the records available in the Institute.

  
Signature of Dean with date and seal

Dean & Joint Director (Edn.)  
LA-R.J., New Delhi-12.

## List of candidates joined for admission to various M.Sc./M.Tech. courses from the year 2018

<i>Sl. No.</i>	<i>Roll No.</i>	<i>Name of the Candidate</i>	<i>Enrolled On</i>	<i>Category</i>	<i>Rank</i>	<i>Scholarship</i>	<i>Institute</i>
<b>M.Sc. (Agri.)</b>							
<b>AGRICULTURAL CHEMICALS</b>							
1	21061	DEBABRATA GHOSHAL	28/09/2018	GEN	010		IARI, New Delhi-12
2	21065	PARTHA CHANDRA MONDAL	28/09/2018	OBC	028		IARI, New Delhi-12
3	21062	HARSHANG GOVINDBHAI TALAVIYA	29/09/2018	GEN	031		IARI, New Delhi-12
4	21063	KEERTHIRAJ M	29/09/2018	OBC(GEN)	042		IARI, New Delhi-12
5	21064	Ms .SHREOSI BISWAS	27/09/2018	SC	053		IARI, New Delhi-12
<b>AGRICULTURAL ECONOMICS</b>							
6	21066	Ms. KAVITHA HN	28/09/2018	GEN	001		IARI, New Delhi-12
7	21069	JAGADEESH M S	29/09/2018	OBC	002		IARI, New Delhi-12
8	21067	Ms. SHENAZ RASHEED	01/10/2018	GEN	006		IARI, New Delhi-12
9	21068	THRILOK BELLI BM	29/09/2018	SC	010		IARI, New Delhi-12
<b>AGRICULTURAL EXTENSION</b>							
10	21079	NADIM KHAN	28/09/2018	GEN	003		IARI, New Delhi-12
11	21080	VISHWANATHA BP	28/09/2018	GEN	004		IARI, New Delhi-12
12	21082	MANISH PARMAR	29/09/2018	OBC	007		IARI, New Delhi-12
13	21083	SUDIP KUMAR GORAI	28/09/2018	OBC	009		IARI, New Delhi-12
14	21081	PRAVEEN KUMAR	28/09/2018	SC	042		IARI, New Delhi-12
15	21084	Ms. THD GRACE CHIRU	01/10/2018	ST(UPS)	142		IARI, New Delhi-12
<b>AGRICULTURAL PHYSICS</b>							
16	21085	Ms. SONIYA DAGAR	28/09/2018	GEN	007		IARI, New Delhi-12
17	21086	TRIDIV GHOSH	27/09/2018	GEN	009		IARI, New Delhi-12
18	21088	Ms. SHREYA GUPTA	28/09/2018	OBC	022		IARI, New Delhi-12
19	21087	Ms. NANDITA MANDAL	27/09/2018	SC	050		IARI, New Delhi-12
<b>AGRICULTURAL STATISTICS</b>							
20	21090	APPAJI PUNDALIK NAIK	28/09/2018	GEN	001		IASRI, New Delhi-12
21	21091	BIJOY CHANDA	28/09/2018	OBC(GEN)	002		IASRI, New Delhi-12
22	21094	SANDIP GARAI	28/09/2018	OBC	003		IASRI, New Delhi-12
23	21095	B MANJUNATHA	28/09/2018	OBC	004		IASRI, New Delhi-12
24	21092	A ANIL KUMAR	01/10/2018	SC	005		IASRI, New Delhi-12
25	21093	RISHABH SINGH SHYAM	28/09/2018	ST	048		IASRI, New Delhi-12
26	21096	Ms. ANUSHAKA GARG	28/09/2018	GEN(PC)	154		IASRI, New Delhi-12
<b>AGRONOMY</b>							
27	21097	SANDEEP KUMAR	28/09/2018	OBC(GEN)	001		IARI, New Delhi-12
28	21098	BISWAJIT RANA	29/09/2018	OBC(GEN)	002		IARI, New Delhi-12
29	60034	SACHIN SINGH	29/09/2018	OBC	006		JHARKHAND (IARI)
30	21099	KIRANMOY PATRA	27/09/2018	SC	007		IARI, New Delhi-12
31	21100	Ms. MUNNY CHINYO	29/09/2018	ST	075		IARI, New Delhi-12
32	21101	PREETHAM GOWDA BP	29/09/2018	OBC(PC)	122		IARI, New Delhi-12
33	21089	RAJKAMAL MEENA	05/10/2018	ST	789		IARI, New Delhi-12

<i>Sl. No.</i>	<i>Roll No.</i>	<i>Name of the Candidate</i>	<i>Enrolled On</i>	<i>Category</i>	<i>Rank</i>	<i>Scholarship</i>	<i>Institute</i>
<b>CROP HUSBANDRY</b>							
34	60032	SMRUTI RANJAN PADHAN	29/09/2018	OBC(GEN)	003		JHARKHAND (IARI)
35	50035	Ms. SASMITA TRIPATHY	29/09/2018	GEN	004		ASSAM (IARI)
36	50036	VENUGOPAL REDDY S	27/09/2018	OBC	008		ASSAM (IARI)
37	60033	Ms. KOUSALYA HM	28/09/2018	SC	036		JHARKHAND (IARI)
<b>BIOCHEMISTRY</b>							
38	21102	Ms. DEEPANYETA GOSWAMI	27/09/2018	GEN	002		IARI, New Delhi-12
39	21103	MANIKANTA N	27/09/2018	OBC(GEN)	009		IARI, New Delhi-12
40	21105	SOHEL RAHAMAN	29/09/2018	OBC	011		IARI, New Delhi-12
41	21104	Ms. SHREYA MANDAL	27/09/2018	SC	013		IARI, New Delhi-12
<b>BIOINFORMATICS</b>							
42	21106	SHARANBASAPPA	28/09/2018	OBC(GEN)	006		IASRI, New Delhi-12
43	21107	Ms. PARINITA DAS	27/09/2018	OBC(GEN)	007		IASRI, New Delhi-12
44	21108	RAMESH KRISHNA V	05/10/2018	OBC(GEN)	011		IASRI, New Delhi-12
45	21110	AMAR ALLAPPA TAMBAKU	01/10/2018	OBC	012		IASRI, New Delhi-12
46	21109	MAILARLINGA	08/10/2018	SC	049		IASRI, New Delhi-12
<b>COMPUTER APPLICATION</b>							
47	21111	Ms. SAHANA MR	01/10/2018	OBC(GEN)	008		IASRI, New Delhi-12
48	21115	Ms. SOWNDARYA CA	01/10/2018	OBC	016		IASRI, New Delhi-12
49	21112	TAMAL KUNDU	28/09/2018	GEN	017		IASRI, New Delhi-12
50	21113	LALIT BIRLA	29/09/2018	OBC(GEN)	025		IASRI, New Delhi-12
51	21116	HARSH SACHAN	29/09/2018	OBC	026		IASRI, New Delhi-12
52	21114	Ms. V T SHALINI	01/10/2018	SC	034		IASRI, New Delhi-12
<b>ENTOMOLOGY</b>							
53	21060	Ms. SU HTET SAN	16/08/2018	FRNR	000	Indian Council for Cultural Relation Scholarship	IARI, New Delhi-12
54	21117	ADRISH DEY	27/09/2018	GEN	001		IARI, New Delhi-12
55	21118	Ms. VUNGARALA LPRASANNA SRAVAN	28/09/2018	GEN	002		IARI, New Delhi-12
56	21121	PRATHIKSH V	27/09/2018	OBC	003		IARI, New Delhi-12
57	21119	RAMAJI	01/10/2018	SC	010		IARI, New Delhi-12
58	21120	CHIDHANANDA H V	29/09/2018	ST	013		IARI, New Delhi-12
<b>ENVIRONMENTAL SCIENCES</b>							
59	21059	Ms. PAULINE NJOKI KIMANI	30/07/2018	FRNR	000	India-Africa Fellowship Programme III	IARI, New Delhi-12
60	21122	RAVITEJA MACHANURU	05/10/2018	GEN	015		IARI, New Delhi-12
61	21123	AFTAB AKHALAKHAHMED KHAIRDI	01/10/2018	GEN	027		IARI, New Delhi-12
62	21125	Ms. BABETLANG KHARSHIING	29/09/2018	ST	222		IARI, New Delhi-12
63	21127	PANKAJ KUMAR PATEL	28/09/2018	OBC(PC)	584		IARI, New Delhi-12
<b>ENVIRONMENTAL SCIENCES</b>							
64	21124	SIBANANDA DARJEE	28/09/2018	SC	184		IARI, New Delhi-12
<b>GENETICS AND PLANT BREEDING</b>							
65	21137	Ms. HARSHITHA B S	28/09/2018	GEN	001		IARI, New Delhi-12
66	21141	AMARESH	29/09/2018	OBC	002		IARI, New Delhi-12
67	60035	SHRIDHAR RAGI	28/09/2018	GEN	004		JHARKHAND (IARI)



<i>Sl. No.</i>	<i>Roll No.</i>	<i>Name of the Candidate</i>	<i>Enrolled On</i>	<i>Category</i>	<i>Rank</i>	<i>Scholarship</i>	<i>Institute</i>
68	50037	HARISHA T	01/10/2018	GEN	005		ASSAM (IARI)
69	21138	RAMESH	28/09/2018	OBC(GEN)	007		IARI, New Delhi-12
70	60036	DEEPAK T HURALI	28/09/2018	OBC	009		JHARKHAND (IARI)
71	50038	Ms. AMRITA THOMAS	01/10/2018	GEN	016		ASSAM (IARI)
72	21140	Ms. NUNAVATH ASWINI	01/10/2018	ST	026		IARI, New Delhi-12
73	21142	KUNAPURI REDDAIAH	01/10/2018	OBC	028		IARI, New Delhi-12
74	21139	Ms. AMBIKA	27/09/2018	SC	043		IARI, New Delhi-12
75	50039	DANAKUMARA T	01/10/2018	SC	057		ASSAM (IARI)
76	60037	SAIKAT CHOWDHURY	28/09/2018	GEN(PC)	263		JHARKHAND (IARI)

### **MICROBIOLOGY**

77	21143	Ms. ADITI	05/10/2018	GEN	024		IARI, New Delhi-12
78	21144	ANNAYYA	01/10/2018	GEN	025		IARI, New Delhi-12
79	21145	Ms. SHREYA VIRMANI	29/09/2018	GEN	063		IARI, New Delhi-12
80	21146	DIPANKAR CHOWDHURY	27/09/2018	SC	091		IARI, New Delhi-12

### **MOLECULAR BIOLOGY AND BIOTECHNOLOGY**

81	21148	ANKAN CHAKRABORTY	27/09/2018	GEN	001		IARI, New Delhi-12
82	21151	JEET ROY	27/09/2018	SC	004		IARI, New Delhi-12
83	21149	SAMAR DEB	27/09/2018	OBC(GEN)	005		IARI, New Delhi-12
84	21150	Ms. PRIYANKA KUMARI	29/09/2018	GEN	007		IARI, New Delhi-12
85	21153	Ms. TAMILARASI MURUGESH	27/09/2018	OBC	008		IARI, New Delhi-12
86	21154	SOVANLAL SAHU	28/09/2018	OBC	010		IARI, New Delhi-12
87	21152	Ms. ASHIKA DEBBARMA	29/09/2018	ST	024		IARI, New Delhi-12

### **NEMATOTOLOGY**

88	21155	AKARSH T M	27/09/2018	OBC(GEN)	018		IARI, New Delhi-12
89	21156	SANTHOSHKUMAR	01/10/2018	SC(GEN)	027		IARI, New Delhi-12
90	21157	PRASANNA MURTHY TS	28/09/2018	SC	030		IARI, New Delhi-12
91	21158	PUNEETH KUMAR KJ	09/10/2018	OBC	051		IARI, New Delhi-12

### **PLANT GENETIC RESOURCES**

92	21159	SIDDHANT RANJAN PADHI	28/09/2018	GEN	047		IARI, New Delhi-12
93	21160	CHETHAN KUMAR KB	28/09/2018	GEN	048		IARI, New Delhi-12
94	21162	VENUGOPALA GOWDA R	01/10/2018	OBC	052		IARI, New Delhi-12
95	21161	G J ABHISHEK	29/09/2018	SC	133		IARI, New Delhi-12

### **PLANT PATHOLOGY**

96	21163	MANJUNATH SHIVAPPA NIDONI	29/09/2018	GEN	003		IARI, New Delhi-12
97	21168	AKSHAYKUMAR H M	28/09/2018	OBC	006		IARI, New Delhi-12
98	21164	Ms. MANISHA DUHAN	28/09/2018	GEN	018		IARI, New Delhi-12
99	21165	Ms. MEHULEE SARKAR	28/09/2018	GEN	019		IARI, New Delhi-12
100	21169	Ms. HARITHA MOHAN M	01/10/2018	OBC	037		IARI, New Delhi-12
101	21167	SRINIVAS KATRAVATH	01/10/2018	ST	059		IARI, New Delhi-12
102	21166	Ms. AKSHAYA CK	01/10/2018	SC	074		IARI, New Delhi-12

### **PLANT PHYSIOLOGY**

103	21197	NGUYEN TRUNG DUC	13/11/2018	FRNR	000		IARI, New Delhi-12
104	21170	SAMRAT DAS	27/09/2018	GEN	003		IARI, New Delhi-12
105	21171	ALOK KUMAR CHOURASIYA	29/09/2018	OBC(GEN)	012		IARI, New Delhi-12

<i>Sl. No.</i>	<i>Roll No.</i>	<i>Name of the Candidate</i>	<i>Enrolled On</i>	<i>Category</i>	<i>Rank</i>	<i>Scholarship</i>	<i>Institute</i>
106	21172	PRATHEEK H P	01/10/2018	OBC(GEN)	014		IARI, New Delhi-12
107	21174	DATA RAM SAINI	28/09/2018	OBC	025		IARI, New Delhi-12
108	21173	RAVITEJA D H	29/09/2018	SC	039		IARI, New Delhi-12

### **POST HARVEST TECHNOLOGY**

109	21175	Ms. SOWMYA SHREE A	01/10/2018	OBC(GEN)	011		IARI, New Delhi-12
110	21178	PAVANKUMAR M	01/10/2018	OBC	013		IARI, New Delhi-12
111	21176	Ms. SUBHASHREE SUBHADARSHINEE	29/09/2018	GEN	017		IARI, New Delhi-12
112	21177	GANAPATI RATHOD	08/10/2018	SC	031		IARI, New Delhi-12

### **SEED SCIENCE AND TECHNOLOGY**

113	21180	YAMANAPPA	28/09/2018	OBC(GEN)	014		IARI, New Delhi-12
114	21184	MAHESH BADIGER	01/10/2018	OBC	023		IARI, New Delhi-12
115	21181	SHAHIL KUMAR	01/10/2018	GEN	041		IARI, New Delhi-12
116	21185	NARENDER PAL	08/10/2018	OBC	089		IARI, New Delhi-12
117	21182	Ms. CHAITHANYA G	01/10/2018	SC	201		IARI, New Delhi-12
118	21183	PATE TALO	28/09/2018	ST	222		IARI, New Delhi-12

### **SOIL SCIENCE AND AGRICULTURAL CHEMISTRY**

119	21186	AMIT KUMAR DASH	28/09/2018	GEN	001		IARI, New Delhi-12
120	21187	Ms. POOJA NAIN	28/09/2018	OBC(GEN)	002		IARI, New Delhi-12
121	21188	RISHBH KUMAR DIDAWAT	28/09/2018	SC	005		IARI, New Delhi-12
122	21189	SURYA PRAKASH YADAV	29/09/2018	OBC	006		IARI, New Delhi-12
123	60040	VINAYKUMAR N S	28/09/2018	OBC	008		JHARKHAND (IARI)

#### **AGRICULTURAL CHEMISTRY**

124	50040	SAYON MUKHERJEE	27/09/2018	GEN	004		ASSAM (IARI)
125	50042	ASHEESH KUMAR	27/09/2018	OBC(PC)	352		ASSAM (IARI)

#### **SOIL SCIENCE**

126	50041	MANAS BARMAN	28/09/2018	SC	023		ASSAM (IARI)
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#### **SOIL SCIENCE AND AGRICULTURAL CHEMISTRY**

127	60038	SOURAV DAS	28/09/2018	GEN	003		JHARKHAND (IARI)
128	60039	RAJ KUMAR MEENA	29/09/2018	ST	036		JHARKHAND (IARI)

### **WATER SCIENCE AND TECHNOLOGY**

129	21194	ANKIT	28/09/2018	GEN	001		IARI, New Delhi-12
130	21195	GOKULRAJ SOWNARRAJAN	01/10/2018	OBC	002		IARI, New Delhi-12

### **M.Sc. (Hort.)**

#### **FLORICULTURE AND LANDSCAPE ARCHITECTURE**

131	21128	KARTHIK H C	01/10/2018	GEN	014		IARI, New Delhi-12
132	21130	Ms. LAVANYA VN	01/10/2018	OBC	015		IARI, New Delhi-12
133	21129	Ms. VAISHALI C	29/09/2018	OBC(GEN)	022		IARI, New Delhi-12

#### **FRUIT SCIENCE**

134	21131	Ms. CHAITHRA TS	29/09/2018	GEN	002		IARI, New Delhi-12
135	21132	LALIT SINGH SISODIA	29/09/2018	GEN	005		IARI, New Delhi-12
136	21133	VISHAL BALASAHEB MHETRE	29/09/2018	OBC(GEN)	012		IARI, New Delhi-12
137	21134	Ms. CHANDANA M R	01/10/2018	SC	019		IARI, New Delhi-12
138	21136	OM PRAKASH MEENA	12/10/2018	ST	1236		IARI, New Delhi-12

<i>Sl. No.</i>	<i>Roll No.</i>	<i>Name of the Candidate</i>	<i>Enrolled On</i>	<i>Category</i>	<i>Rank</i>	<i>Scholarship</i>	<i>Institute</i>
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**FRUIT SCIENCE**

139	21135	HANAMANT	28/09/2018	OBC	007		IARI, New Delhi-12
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**VEGETABLE SCIENCE**

140	21196	Ms. SUSHIMA DHITAL	10/10/2018	FRNR	000	Self-Finance	IARI, New Delhi-12
141	21190	HARISHANAİK T N	01/10/2018	SC(GEN)	001		IARI, New Delhi-12
142	21192	PRADEEPKUMARA N	01/10/2018	SC	003		IARI, New Delhi-12
143	21193	Ms. KOWSALYA K B	28/09/2018	OBC	004		IARI, New Delhi-12
144	21191	Ms. SARYU KAUSHAL	27/09/2018	GEN	006		IARI, New Delhi-12
145	60041	Ms. SUSHMITHA L C	28/09/2018	OBC(GEN)	008		JHARKHAND (IARI)
146	50043	SULOCHANA K H	01/10/2018	OBC(GEN)	009		ASSAM (IARI)
147	50045	Ms. RAKSHITHA K N	01/10/2018	OBC	010		ASSAM (IARI)
148	60042	RAVI GAUTAM	28/09/2018	GEN	016		JHARKHAND (IARI)
149	50044	KOKU K TARA	29/09/2018	ST	106		ASSAM (IARI)

**M.Tech.**

**AGRICULTURAL ENGINEERING**

150	21071	ANNI KUMAR SINGH	28/09/2018	GEN	001		IARI, New Delhi-12
151	21070	SAURAV KUMAR	28/09/2018	GEN	002		IARI, New Delhi-12
152	21075	AMIT KUMAR	01/10/2018	GEN	003		IARI, New Delhi-12
153	21076	AJAY NARAYANRAO SATPUTE	29/09/2018	GEN	004		IARI, New Delhi-12
154	21074	RAMKISHOR KURMI	29/09/2018	OBC	007		IARI, New Delhi-12
155	21078	RUPESH KUMAR	28/09/2018	OBC	011		IARI, New Delhi-12
156	21072	JAGJEET SINGH	08/10/2018	OBC(GEN)	012		IARI, New Delhi-12
157	21073	SRIKANTHNAİK J	28/09/2018	SC	085		IARI, New Delhi-12
158	21077	MANABRAJ MANNA	28/09/2018	SC	100		IARI, New Delhi-12

**POST HARVEST TECHNOLOGY**

159	21179	RAJVARDHAN KIRAN PATIL	29/09/2018	GEN	005		IARI, New Delhi-12
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## List of students awarded with ICAR-JRF

Sr. No.	NAME OF THE STUDENT	ROLL NO	DATE ENROL	DISCIPLINE
1	HARSHANG GTALAVIYA	21062	29-09-2018	AGRICULTURAL CHEMICALS
2	KEERTHIRAJ M	21063	29-09-2018	AGRICULTURAL CHEMICALS
3	Ms .SHREOSI BISWAS	21064	27-09-2018	AGRICULTURAL CHEMICALS
4	PARTHA C MONDAL	21065	28-09-2018	AGRICULTURAL CHEMICALS
5	TRIDIV GHOSH	21086	27-09-2018	AGRICULTURAL PHYSICS
6	Ms. NANDITA MANDAL	21087	27-09-2018	AGRICULTURAL PHYSICS
7	Ms. SHREYA GUPTA	21088	28-09-2018	AGRICULTURAL PHYSICS
8	RAJKAMAL MEENA(IN Service)	21089	05-10-2018	AGRONOMY
9	B MANJUNATHA	21095	28-09-2018	AGRICULTURAL STATISTICS
10	Ms. ANUSHAKA GARG	21096	28-09-2018	AGRICULTURAL STATISTICS
11	Ms. PARINITA DAS	21107	27-09-2018	BIOINFORMATICS
12	RAMESH KRISHNA V	21108	05-10-2018	BIOINFORMATICS
13	MAILARLINGA	21109	08-10-2018	BIOINFORMATICS
14	AMAR A TAMBAKU	21110	01-10-2018	BIOINFORMATICS
15	TAMAL KUNDU	21112	28-09-2018	COMPUTER APPLICATION
16	LALIT BIRLA	21113	29-09-2018	COMPUTER APPLICATION
17	Ms. V T SHALINI	21114	01-10-2018	COMPUTER APPLICATION
18	Ms. SOWNDARYA CA	21115	01-10-2018	COMPUTER APPLICATION
19	HARSH SACHAN	21116	29-09-2018	COMPUTER APPLICATION
20	RAVITEJA MACHANURU	21122	05-10-2018	ENVIRONMENTAL SCIENCES
21	AFTAB A KHAIRDI	21123	01-10-2018	ENVIRONMENTAL SCIENCES
22	Ms. BABETLANG K	21125	29-09-2018	ENVIRONMENTAL SCIENCES
23	OM PRAKASH MEENA(IN Service)	21136	12-10-2018	FRUIT SCIENCE
24	CHETHAN KUMAR KB	21160	28-09-2018	PLANT GENETIC RESOURCES
25	G J ABHISHEK	21161	29-09-2018	PLANT GENETIC RESOURCES
26	VENUGOPALA GOWDA R	21162	01-10-2018	PLANT GENETIC RESOURCES
27	GOKULRAJ S	21195	01-10-2018	WST
28	MANABRAJ MANNA	21077	28-09-2018	AGRICULTURAL ENGINEERING



# ICAR Awards, 2017

## I: Chaudhary Devi Lal Outstanding All India Coordinated Research Project (AICRP) Award, 2017

### Awardees:

#### Best All India Coordinated Research Project:

All India Coordinated Research Project on Spices, Kozhikode, Kerala

#### Best Centre under this AICRP:

AICRP Centre-KAU Panniyur, Kerala

## II: Rafi Ahmed Kidwai Award for Outstanding Research in Agricultural Sciences, 2017

### Awardees:

#### Crop & Horticultural Sciences Category:

Dr. D. K. Yadava, Head Division of Seed Science & Technology, Indian Agricultural Research Institute, New Delhi & ADG, Seeds, ICAR, N Delhi

#### Natural Resource Management & Agricultural Engineering Category

Dr. B.S. Dwivedi, Head, Division of Soil Science & Agricultural Chemistry, ICAR-Indian Agricultural Research Institute, New Delhi

#### Animal & Fisheries Sciences Category:

Dr. Kajal Chakraborty, Senior Scientist, Marine Biotechnology Division, ICAR-Central Marine Fisheries Research Institute, Ernakulum, Kochi, Kerala

#### Social Sciences

Dr. Anjani Kumar, International Scientist, International Food Policy Research Institute, South Asia Office, NASC Complex, New Delhi

## III: Lal Bahadur Shastri Outstanding Young Scientist Award, 2017

### Awardees:

#### Crop & Horticultural Sciences:

Dr. B. Kalyana Babu, Scientist (Senior Scale), Agricultural Biotechnology, Indian Institute of Oil Palm Research, Pedavegi, Andhra Pradesh

#### Natural Resource Management & Agricultural Engineering

Dr. P.C. Abhilash, Assistant Professor (Stage II), Instt. of Environment & Sustainable Development, BHU, Varanasi

#### Animal & Fisheries Sciences

Dr. Rajendran Thomas, Sr. Scientist, ICAR-NRC on Pig, Rani, Guwahati, Assam

#### Social Sciences

Dr. Eldho Varghese, Scientist, Central Marine Fisheries Research Institute, Kochi, Kerala



#### **IV: Jawaharlal Nehru Award for P.G. Outstanding Doctoral Thesis Research in Agricultural and Allied sciences, 2017**

##### **Awardees:**

##### **Crop Sciences:**

1. R.K. Ellur, Scientist (Genetics & Plant Breeding), Division of Genetics, IARI, New Delhi
2. Dr. H.B. Mahesh, GKVK, Bengaluru (Karnataka)

##### **Animal Sciences:**

1. Dr. Rajeev Ranjan, Scientist, International Centre for Foot & Mouth Disease, Jatni, Odisha
2. Dr. Sonika Ahlawat, National Bureau of Animal Genetic Resources, Karnal

##### **Fisheries Science:**

1. Dr. Banya Kar, Patna (Bihar)
2. Dr. Anusree Velappan Nair, Marine Biology Division, CMFRI, cochi, Kerala

##### **Biotechnology:**

1. Dr. Asha Srinivasan, Parippally, Kollam, Kerala
2. Dr. Amit Kumar Tripathi, Bhopal

##### **Social Sciences:**

1. Dr. Anindita Datta, Paschim Vihar, New Delhi
2. Dr. Hema Baliwada, Scientist, Agricultural Extension, CTRI, Rajahmundry (A.P.)

##### **Crop Protection:**

1. Dr. David Karamankodu Jacob, Scientist, Division of Insect Systematics, National Bureau of Agriculturally Important Microorganisms, Bangalore, Karnataka
2. Dr. Somnath Kadappa Holkar, Scientist & Incharge, IISR, Biological Control Centre, Pravaranagar, Ahmednagar

##### **Natural Resource Management:**

1. Dr. Bappa Das, Scientist, Agricultural Meteorology, ICAR-CCARI, Old Goa, North Goa
2. Dr. Saritha M., Scientist, Division of Integrated Land Use Management & Farming System, Central Arid Zone Research Institute, Jodhpur

##### **Horticultural sciences:**

1. Dr. Brij Bihari sharma, Division of Vegetable Research, IARI, New Derhi
2. Dr. Selvakumar R., Scientist, Horticulture, CITH, Sirnagar (J&K)

##### **Agricultural Engineering:**

1. Dr. Prashant Sampatrao Deshmukh, Senior Scientist, ICAR-CIRCOT, Mumbai
2. Dr. Kale Sakham Jagan, Central Institute of Post-Harvest Engineering & Technology, Abohar Campus, Punjab



## **V: Bharat Ratna Dr. C. Subramaniam Award for Outstanding Teachers, 2017**

### **Awardees:**

#### **Crop & Horticultural Sciences**

Dr. Archana Sachdev, Principal Scientist, Division of Biochemistry, Indian Agricultural Research Institute, New Delhi

#### **Natural Resource Management & Agricultural Engineering**

Dr. Tapan Jyoti Purakayastha, Principal Scientist, Division of Social Science & Agricultural Chemistry, Indian Agricultural Research Institute, New Delhi

#### **Social Sciences**

Dr. Alka Singh, Professor & Principal Scientist, Division of Agricultural Economics, ICAR-Indian Agricultural Research Institute, New Delhi

## **VI: Panjabrao Deshmukh outstanding Women Scientist Award, 2017**

### **Awardees:**

#### **I Award (Shared):**

1. Dr. Shelly Praveen, Head & Principal Scientist, Division of Biochemistry, ICAR-Indian Agricultural Research Institute, New Delhi
2. Dr. Seema Jaggi, Principal Scientist and Professor (Agricultural Statistics), ICAR- Indian Agricultural Statistics Research Institute, New Delhi

#### **II Award (also Shared):**

1. Dr. Neeru Bhooshan, Incharge, Zonal Technology Management & Business Planning and Development Unit, Indian Agricultural Research Institute, New Delhi
2. Dr. P.S.Vimala Devi, Principal Scientist (Agricultural Entomology), ICAR-Indian Institute of Oilseeds Research, Rajendranagar, Hyderabad, Telengana

## **VII: NASI-ICAR Award for Innovation and Research on Farm Implements, 2017**

### **Awardees:**

1. Dr. Akhilesh Kumar Singh, Principal Scientist (FMP), ICAR-Indian Institute of Sugarcane Research, Lucknow, U.P.
2. Dr. Sukhbir Singh, Senior Scientist (FMP), ICAR-Indian Institute of Sugarcane Research, Lucknow, U.P.



### **VIII: Vasant Rao Naik Award for Research Application in Agriculture, 2017**

#### **Team Leader:**

Dr. M.S. Shisrahatti, Chief Scientist:

(AICRP for Dryland Agriculture, Region-1, Agricultural Research Station, Vijayapura under University of Agricultural Sciences, Dharwad, Karnataka)

#### **Associates:**

1. Mr. V.S. Surakod, Agronomist
2. Dr. S. T. Hundekar, Soil Scientist
3. Dr. Vijayakumar A. Giritamannavar, Plant Breeder
4. Dr. Vivek V. Angadi, Principal Scientist, Agronomy
5. Dr. S. B. Kalaghatagi, Professor & Head, College of Agriculture, Vijayapura
6. Dr. S.C. Alagundagi, Professor of Agronomy, UAS, Dharwad
7. Dr. S. B. Devaranavadi, Chief Scientist

### **IX: Fakhruddin Ali Ahmed Award for Outstanding Research in Tribal Farming Systems, 2017**

#### **Awardees:**

#### **Team 1:**

1. Dr. Narendra Prakash (Team Leader), ICAR Research Complex for NEH Region, Manipur Centre, Imphal
2. Dr. Subhra Saikat Roy (Associate), ICAR Research Complex for NEH Region, Manipur Centre, Imphal
3. Dr. Meraj Alam Ansari (Associate), ICAR Research Complex for NEH Region, Manipur Centre, Imphal
4. Dr. Sushil Kumar Sharma (Associate), ICAR Research Complex for NEH Region, Manipur Centre, Imphal

#### **Team 2**

1. Dr. Narendra Singh (Team Leader), Defence Research and Development Organization (DRDO), Defence Institute of High Altitude (DIHAR), Leh-Ladakh, (J&K)
2. Dr. Dorjay Angchuk (Associate), Defence Research and Development Organisation (DRDO), Defence Institute of High Altitude (DIHAR), Leh-Ladakh, (J&K)
3. Er. Sarfraz Nawaj (Associate), Defence Research and Development Organisation (DRDO), Defence Institute of High Altitude (DIHAR), Leh-Ladakh, (J&K)
4. Ms. Suman Tigga (Associate), Defence Research and Development Organisation (DRDO), Defence Institute of High Altitude (DIHAR), Leh-Ladakh, (J&K)





### **X: Swami Sahajanand Saraswati Outstanding Extension Scientist Award, 2017**

#### **Awardees:**

1) Dr. I. S. Tomar, Senior Scientist & Head, Rajmata Vijayaraje Scindia Krishi Vishwa Vidyalaya, Gwalior, Krishi Vigyan Kendra, Jhabua, M.P.

#### **2) Shared equally between:**

1. Dr. M. Kumaran, Principal Scientist (Agricultural, Extension), Social Science Division, ICAR-Central Institute of Brackish Water Aquaculture, Chennai, Tamil Nadu and;

2. Dr. D. R. Palsaniya, Senior Scientist, Agronomy, Crop Protection Division, Indian Grassland Fodder Research Institute” Jhansi. U.P

### **XI: ICAR Cash Awards, 2017**

#### **Awardees:**

#### **Administrative category**

1) Sh. Govind Prasad Sharma, Chief Finance and Accounts Officer. ICAR-Central Arid Zone Research Institute, Jodhpur, Rajasthan

2) Sh. Rajesh Kumar Jha, Under Secretary, Office of the Hon'ble Union Minister of Agriculture and Farmers Welfare, Krishi Bhawan, New Delhi

3) Sh. NVRN Murty, Finance and Accounts Officer, ICAR-ICAR-Central Institute of Freshwater Aquaculture, Bhubaneswar. Odisha

#### **Technical category:**

1) Dr. Ravi Kant, Assistant Chief Technical Officer, Animal Biochemistry Division, ICAR-National Dairy Research Institute, Karnal, Haryana

2) Sh. Devinder Singh, Technical Assistant (T-3), Division of Genetics, ICAR-Indian Agricultural Research Institute, New Delhi

3) Dr. Dhananjay Kumar Verma, Assistant Chief Technical Officer, Aquaculture Production and Environment Division, ICAR-Central Institute of Freshwater Aquaculture, Bhubaneswar, Odisha

4) Sh. Om Parkash, Technical officer, ICAR-Indian Institute of Wheat and Barley Research, Karnal, Haryana

#### **Supporting category**

1) Sh. B. Ashok, Skilled Support Staff National Academy of Agricultural Research Management, Hyderabad, Telangana

2) Sh. Aman Kumar, Skilled Support Staff, Indian of Wheat and Barley Research, Karnal, Haryana

### **XII: Award for Three Highest Ranked Universities:**

#### **Awardees:**

**Rank I: National Dairy Research Institute, Deemed University, Karnal**

**Rank II: Indian Agricultural Research Institute, Deemed University, New Delhi**

**Rank III: Guru Angad Dev Veterinary and Animal Science University, Ludhiana**

**Faculty Position as on 01.01.2018**

	<b>Sanctioned</b>	<b>In Position</b>	<b>% of Filled</b>
IARI, New Delhi	505	442	87.5
Regional Centres	73	52	71.2
KVK	01	01	100.0
<b>Total</b>	<b>579</b>	<b>495</b>	<b>85.5</b>

**LIST OF FACULTY / SCIENTISTS AT IARI, NEW DELHI & REGIONAL STATION**

Sl. No.	TITL E	FIRST NAME	LAST NAME	DESIG	ESTT	DISCIPLINE
1	DR	AKRITI	SHARMA	SCI	AGRI.ECONOMICS	Ag.Business management
2	DR	S.K.	JHA	PR.SCI	F.S.& PHT	Ag/Str/Env/Mang/Engg
3	DR	ABHIJIT	KAR	PR.SCI	F.S.& PHT	Ag/Str/Env/Mang/Engg
4	DR	ARUN KUMAR	T.V.	SCI	AGRI.ENGINEERING	Ag/Str/Env/Mang/Engg
5	SH	ARADWAD PRAMOD	PANDURANG	SCI	AGRI.ENGINEERING	Ag/Str/Env/Mang/Engg
6	DR	P. SELLAM		SCI	AGRI.ENGINEERING	Ag/Str/Env/Mang/Engg
7	DR	NEELU	JAIN	PR.SCI	GENETICS	Agril.Biotechnology
8	DR	M JAYANTHI		PR.SCI	NEMATOLOGY	Agril.Biotechnology
9	DR	MANISHA	MANGAL	PR.SCI	VEG.SCIENCES	Agril.Biotechnology
10	DR	NIMISHA	SHARMA	SCI	FRUIT & HORT.TECH.	Agril.Biotechnology
11	MS	ARCHANA	KUMARI	SCI	PLANT PHYSIOLOGY	Agril.Biotechnology
12	DR	SUMAN LATA		SCI	VEG.SCIENCES	Agril.Biotechnology
13	DR	NAVINDU	GUPTA *	PR.SCI	CESCRA (ENV SCI)	Agril.Chemicals
14	DR	M.A.	KHAN	PR.SCI	SOIL SCI.& AGRI.CHEM.	Agril.Chemicals
15	SH	NEERAJ	PATANJALI	SCI	AGRI.CHEMICALS	Agril.Chemicals
16	DR	INDU	CHOPRA	SCI	AGRI.CHEMICALS	Agril.Chemicals
17	DR	PARSHANT	KAUSHIK	SCI	AGRI.CHEMICALS	Agril.Chemicals
18	DR	ABHISHEK	MANDAL	SCI	AGRI.CHEMICALS	Agril.Chemicals
19	DR	SUMAN	MANNA	SCI	AGRI.CHEMICALS	Agril.Chemicals
20	SH	ANIRBAN	DUTTA	SCI	AGRI.CHEMICALS	Agril.Chemicals
21	DR	NEETHU	NARAYANAN	SCI	AGRI.CHEMICALS	Agril.Chemicals
22	SH	ASHISH	KHANDELWAL	SCI	CESCRA	Agril.Chemicals
23	DR	PRIYA	SAINI	SCI	SOIL SCI.& AGRI.CHEM.	Agril.Chemicals
24	DR	AMIT	KAR	PR.SCI	AGRI.ECONOMICS	Agril.Economics
25	DR	DHARAM RAJ	SINGH	PR.SCI	AGRI.ECONOMICS	Agril.Economics
26	DR	ALKA	SINGH	PR.SCI	AGRI.ECONOMICS	Agril.Economics
27	DR	HARBIR	SINGH	PR.SCI	AGRI.ECONOMICS	Agril.Economics
28	DR	PARMOD	KUMAR	PR.SCI	AGRI.ECONOMICS	Agril.Economics
29	MS	ASHA DEVI S.S.		SCI	AGRI.ECONOMICS	Agril.Economics
30	DR	RENJINI V.R.		SCI	AGRI.ECONOMICS	Agril.Economics

					ICS	
31	SH	ANBUKANI	P	SCI	AGRI.ECONOM ICS	Agril.Economics
32	SH	PRAVEEN K.V.		SCI	AGRI.ECONOM ICS	Agril.Economics
33	SH	M. BALASUBRAMA NIAN		SCI	AGRI.ECONOM ICS	Agril.Economics
34	MS	NITHYASHREE.M .L.		SCI	AGRI.ECONOM ICS	Agril.Economics
35	DR	SATHISH	GOWDA C.S.	SCI	AGRI.ECONOM ICS	Agril.Economics
36	SH	ADITYA K S		SCI	AGRI.ECONOM ICS	Agril.Economics
37	SH	DENNY FRANCO		SCI	W.T.C	Agril.Economics
38	SH	P	VENKATESH	SCI	AGRI.ECONOM ICS	Agril.Economics
39	DR	R.K.	SHARMA	PR.SCI	ENTOMOLOGY	Agril.Entomology
40	DR	J.P.	SINGH	PR.SCI	ENTOMOLOGY	Agril.Entomology
41	DR	KIRTI	SHARMA	PR.SCI	ENTOMOLOGY	Agril.Entomology
42	DR	VINAY KUMARI	KALIA	PR.SCI	ENTOMOLOGY	Agril.Entomology
43	DR	DEBJANI	DEY	PR.SCI	ENTOMOLOGY	Agril.Entomology
44	DR	SUBHASH	CHANDRA	PR.SCI	ENTOMOLOGY	Agril.Entomology
45	DR	BISHWAJEET	PAUL	PR.SCI	ENTOMOLOGY	Agril.Entomology
46	DR	S	SUBRAMANIA N	PR.SCI	ENTOMOLOGY	Agril.Entomology
47	DR	MUKESH KUMAR	DHILLON	PR.SCI	ENTOMOLOGY	Agril.Entomology
48	DR	SACHIN SURESH	SUROSHE	PR.SCI	ENTOMOLOGY	Agril.Entomology
49	DR	BHAGYASREE S.N.		SCI	ENTOMOLOGY	Agril.Entomology
50	DR	MESHARAM NARESH	MANOHAR	SCI	ENTOMOLOGY	Agril.Entomology
51	DR	NITHYA	CHANDRAN	SCI	ENTOMOLOGY	Agril.Entomology
52	DR	KUMARANAG K.M.		SCI	ENTOMOLOGY	Agril.Entomology
53	DR	NEBAPURE SURESH	MAHADEV	SCI	ENTOMOLOGY	Agril.Entomology
54	DR	SHASHANK	P.R.	SCI	ENTOMOLOGY	Agril.Entomology
55	MS	RAJNA	S.	SCI	ENTOMOLOGY	Agril.Entomology
56	SH	SAGAR D.		SCI	ENTOMOLOGY	Agril.Entomology
57	DR	TIMMANNA		SCI	ENTOMOLOGY	Agril.Entomology
58	SH	ANOOJ	S.S.	SCI	ENTOMOLOGY	Agril.Entomology
59	DR	AMALENDU	GHOSH	SCI	PLANT PATHOLOGY	Agril.Entomology
60	DR	SARBASIS	CHAKRAVORT Y	SR.SCI	OREP (CATAT)	Agril.Entomology
61	DR	D.U.M.	RAO	PR.SCI	AGRI.EXTENSI ON	Agril.Extension
62	DR	PREM LATA	SINGH	PR.SCI	AGRI.EXTENSI ON	Agril.Extension
63	DR	OM PRAKASH		PR.SCI	AGRI.EXTENSI ON	Agril.Extension
64	DR	R.N.	PADARIA	PR.SCI	AGRI.EXTENSI ON	Agril.Extension
65	DR	RASHMI	SINGH	PR.SCI	AGRI.EXTENSI ON	Agril.Extension

66	DR	JYOTI RANJAN	MISHRA	PR.SCI	AGRI.EXTENSION	Agril.Extension
67	DR	MONIKA	WASAN	PR.SCI	AGRI.EXTENSION	Agril.Extension
68	DR	VENU	LENIN	PR.SCI	AGRI.EXTENSION	Agril.Extension
69	DR	MANJEET	SINGH	PR.SCI	AGRI.EXTENSION	Agril.Extension
70	DR	RAJARSHI ROY	BURMAN	PR.SCI	AGRI.EXTENSION	Agril.Extension
71	DR	SATYAPRIYA		PR.SCI	AGRI.EXTENSION	Agril.Extension
72	DR	J.P.S.	DABAAS	PR.SCI	AGRI.EXTENSION EXTENSION	Agril.Extension
73	DR	SUDIPTA	PAUL	SCI	AGRI.EXTENSION	Agril.Extension
74	SH	MURALIKRISHNAN L.		SCI	AGRI.EXTENSION	Agril.Extension
75	SH	SITARAM	BISHNOI	SCI	AGRI.EXTENSION	Agril.Extension
76	MS	SUKANYA	BARUA	SCI	AGRI.EXTENSION	Agril.Extension
77	SH	GIRIJESH SINGH	MAHRA	SCI	AGRI.EXTENSION	Agril.Extension
78	DR	PUNITHA P.		SCI	CATAT	Agril.Extension
79	MS	SUBHASHREE	SAHU	SCI	OREP (CATAT)	Agril.Extension
80	DR	V.	SANGEETA	SCI	AGRI.EXTENSION	Agril.Extension
81	DR	NARAYAN	KUMBHARE	SR.SCI	AGRI.EXTENSION	Agril.Extension
82	DR	NAFEES	AHMAD	SR.SCI	OREP (CATAT)	Agril.Extension
83	DR	D.K.	DAS	PR.SCI	AGRI.PHYSICS	Agril.Meteorology
84	DR	VINAY KUMAR	SEHGAL	PR.SCI	AGRI.PHYSICS	Agril.Meteorology
85	DR	HIMANI	BISHT	SCI	W.T.C	Agril.Meteorology
86	DR	ANITA	CHOUDHARY	PR.SCI	CESCRA (ENV SCI)	Agril.Microbiology
87	DR	SUNITA	SINGH	PR.SCI	F.S.& PHT	Agril.Microbiology
88	DR	D.W.	DHAR	PR.SCI	MICROBIOLOGY	Agril.Microbiology
89	DR	LATA		PR.SCI	MICROBIOLOGY	Agril.Microbiology
90	DR	ANNAPURANA	KANNAPALLI	PR.SCI	MICROBIOLOGY	Agril.Microbiology
91	DR	ARCHANA	SUMAN	PR.SCI	MICROBIOLOGY	Agril.Microbiology
92	DR	B.	RAMAKRISHNAN	PR.SCI	MICROBIOLOGY	Agril.Microbiology
93	DR	GEETA	SINGH	PR.SCI	MICROBIOLOGY	Agril.Microbiology
94	DR	SANGEETA	PAUL	PR.SCI	MICROBIOLOGY	Agril.Microbiology
95	DR	LIVLEEN	SHUKLA	PR.SCI	MICROBIOLOGY	Agril.Microbiology
96	DR	SUBRATA NATH	BHOWMIK	PR.SCI	MICROBIOLOGY	Agril.Microbiology

97	DR	RAJEEV	KAUSHIK	PR.SCI	MICROBIOLOG Y	Agril.Microbiology
98	DR	PRANITA	JAISWAL	PR.SCI	MICROBIOLOG Y	Agril.Microbiology
99	DR	MINAKSHI	GROVER	PR.SCI	MICROBIOLOG Y	Agril.Microbiology
100	DR	K. SWARNALAKSH MI		PR.SCI	MICROBIOLOG Y	Agril.Microbiology
101	DR	SUNIL	PABBI	PR.SCI	UNIT OF BGA	Agril.Microbiology
102	DR	G.	ABRAHAM	PR.SCI	UNIT OF BGA	Agril.Microbiology
103	DR	RADHA	PRASANNA	PR.SCI	UNIT OF BGA	Agril.Microbiology
104	DR	V.	GOVINDASAM Y	SCI	MICROBIOLOG Y	Agril.Microbiology
105	DR	SEEMA		SCI	MICROBIOLOG Y	Agril.Microbiology
106	MS	ANJU	ARORA	SCI.SG	UNIT OF BGA	Agril.Microbiology
107	DR	ONKAR NATH	TIWARI	SR.SCI	MICROBIOLOG Y	Agril.Microbiology
108	DR	G.K.	JHA	PR.SCI	AGRI.ECONOM ICS	Agril.Statistics
109	DR	AMRENDER	KUMAR	PR.SCI	AKMU (USI)	Agril.Statistics
110	SH	CHIRANJIT	MAZUMDER	SCI	AGRI.ECONOM ICS	Agril.Statistics
111	MS	SHALOO		SCI	W.T.C	Agril.Statistics
112	DR	L.K.	IDNANI	PR.SCI	AGRONOMY	Agronomy
113	DR	A.R.	SHARMA	PR.SCI	AGRONOMY	Agronomy
114	DR	RAJ	SINGH	PR.SCI	AGRONOMY	Agronomy
115	DR	AMAL	GHOSH	PR.SCI	AGRONOMY	Agronomy
116	DR	P.K.	GHOSH	PR.SCI	AGRONOMY	Agronomy
117	DR	K.S.	RANA	PR.SCI	AGRONOMY	Agronomy
118	DR	SHIVA	DHAR	PR.SCI	AGRONOMY	Agronomy
119	DR	T.K.	DAS	PR.SCI	AGRONOMY	Agronomy
120	DR	YASHBIR SINGH	SHIVAY	PR.SCI	AGRONOMY	Agronomy
121	DR	DINESH	KUMAR	PR.SCI	AGRONOMY	Agronomy
122	DR	ANCHAL	DASS	PR.SCI	AGRONOMY	Agronomy
123	DR	VINOD KUMAR	SINGH	PR.SCI	AGRONOMY	Agronomy
124	DR	SAMRATH LAL	MEENA	PR.SCI	AGRONOMY	Agronomy
125	DR	RAMANJIT	KAUR	PR.SCI	AGRONOMY	Agronomy
126	DR	SANJAY SINGH	RATHORE	PR.SCI	AGRONOMY	Agronomy
127	DR	S.K.	BANDYOPADH YAY	PR.SCI	CESCRA (ENV SCI)	Agronomy
128	DR	YUDH VIR	SINGH	PR.SCI	UNIT OF BGA	Agronomy
129	DR	SEEMA	SEPAT	SCI	AGRONOMY	Agronomy
130	SH	RISHI RAJ		SCI	AGRONOMY	Agronomy
131	DR	RAM SWAROOP	BANA	SCI	AGRONOMY	Agronomy
132	DR	VIJAY	POONIYA	SCI	AGRONOMY	Agronomy
133	DR	RAJANNA G.A.		SCI	AGRONOMY	Agronomy
134	SH	PRAVIN KUMAR	UPADHYAY	SCI	AGRONOMY	Agronomy
135	SH	BIPIN	KUMAR	SCI	W.T.C	Agronomy
136	DR	KAPILA	SHEKHAWAT	SCI(SS )	AGRONOMY	Agronomy
137	DR	TULASA RAM		SR.SCI	AGRONOMY	Agronomy
138	DR	ANIL KUMAR	CHOUDHARY	SR.SCI	AGRONOMY	Agronomy
139	DR	RAJIV KUMAR		SR.SCI	AGRONOMY	Agronomy

140	DR	TEEKAM	SINGH	SR.SCI	AGRONOMY	Agronomy
141	DR	A.K.	MISHRA	PR.SCI	AKMU (USI)	Computer Application
142	DR	D.K.	SHARMA	PR.SCI	CECRA (ENV SCI)	Economic Botany & Plant Genetic
143	DR	SHIV	PRASAD	PR.SCI	CECRA (ENV SCI)	Economic Botany & Plant Genetic
144	MS	MONIKA	KUNDU	SCI	AGRI.PHYSICS	ELECTIONICS & INSTRUMENTATION
145	DR	SANGEETA	CHOPRA	PR.SCI	AGRI.ENGINEERING	ELECTRICAL ENGINEERING
146	DR	NAMITA RANI	DAS	SCI	CECRA (ENV SCI)	Env.Science
147	SH	SANDEEP KUMAR		SCI	CECRA (ENV SCI)	Env.Science
148	DR	SHAKEEL	A.KHAN	SR.SCI	CECRA (ENV SCI)	Env.Science
149	DR	BIDISHA	CHAKRAVARTI	SR.SCI	CECRA (ENV SCI)	Env.Science
150	DR	RENU	SINGH	SR.SCI	CECRA (ENV SCI)	Env.Science
151	DR	INDRA	MANI	PR.SCI	AGRI.ENGINEERING	Farm Machinery Power
152	DR	P.K.	SHARMA	PR.SCI	AGRI.ENGINEERING	Farm Machinery Power
153	DR	ADARSH	KUMAR	PR.SCI	AGRI.ENGINEERING	Farm Machinery Power
154	DR	P.K.	SAHOO	PR.SCI	AGRI.ENGINEERING	Farm Machinery Power
155	DR	SHIV PRATAP	SINGH	PR.SCI	AGRI.ENGINEERING	Farm Machinery Power
156	DR	J.P.	SINHA	PR.SCI	AGRI.ENGINEERING	Farm Machinery Power
157	DR	DILIP KUMAR	KUSHWAHA	SCI	AGRI.ENGINEERING	Farm Machinery Power
158	SH	MUKESH KUMAR	SINGH	SCI	AGRI.ENGINEERING	Farm Machinery Power
159	SH	SATISH DEVRAM	LANDE	SCI	AGRI.ENGINEERING	Farm Machinery Power
160	SH	RAJEEV KUMAR		SCI	AGRI.ENGINEERING	Farm Machinery Power
161	DR	ROAF AHMED	PARRAY	SCI	AGRI.ENGINEERING	Farm Machinery Power
162	SH	UTPAL	EKKA	SCI	AGRI.ENGINEERING	Farm Machinery Power
163	DR	HARI LAL	KUSHWAHA	SR.SCI	AGRI.ENGINEERING	Farm Machinery Power
164	DR	TAPAN KUMAR	KHURA	SR.SCI	AGRI.ENGINEERING	Farm Machinery Power
165	DR	ANIL	KHAR	PR.SCI	VEG.SCIENCES	Flexi Agril. Biotechnology
166	DR	NEERU	BHOOSHAN	PR.SCI	DIRECTORATE (ZTMU)	Flexi Animal Physiology
167	DR	KRISHAN PAL	SINGH	PR.SCI	FLORI.& LANDSCAPING	Flori.&Land scaping
168	DR	S.S.	SINDHU	PR.SCI	FLORI.& LANDSCAPING	Flori.&Land scaping

169	DR	KISHAN	SWAROOP	PR.SCI	FLORI.& LANDSCAPING	Flori.&Land scaping
170	DR	KANWAR PAL	SINGH	PR.SCI	FLORI.& LANDSCAPING	Flori.&Land scaping
171	DR	GUNJEET	KUMAR	PR.SCI	FLORI.& LANDSCAPING	Flori.&Land scaping
172	DR	M.C.	SINGH	PR.SCI	FLORI.& LANDSCAPING	Flori.&Land scaping
173	DR	MARKANDEY	SINGH	PR.SCI	FLORI.& LANDSCAPING	Flori.&Land scaping
174	DR	PRABHAT	KUMAR	PR.SCI	FLORI.& LANDSCAPING	Flori.&Land scaping
175	DR	AJAI KUMAR	TIWARI	PR.SCI	FLORI.& LANDSCAPING	Flori.&Land scaping
176	DR	REETA	BHATIA	SCI	FLORI.& LANDSCAPING	Flori.&Land scaping
177	DR	SAPNA	PANWAR	SCI	FLORI.& LANDSCAPING	Flori.&Land scaping
178	MS	VANLALRUATI		SCI	FLORI.& LANDSCAPING	Flori.&Land scaping
179	DR	BABITA SINGH		SCI	FLORI.& LANDSCAPING	Flori.&Land scaping
180	DR	NAMITA		SCI	FLORI.& LANDSCAPING	Flori.&Land scaping
181	DR	RITU	JAIN	SR.SCI	FLORI.& LANDSCAPING	Flori.&Land scaping
182	DR	SHRUTI	SETHI	PR.SCI	F.S.& PHT	Food Technology
183	DR	SHALINI GAUR	RUDRA	SCI	F.S.& PHT	Food Technology
184	DR	ALKA	JOSHI	SCI	F.S.& PHT	Food Technology
185	MS	BINDVI	ARORA	SCI	F.S.& PHT	Food Technology
186	DR	VIDYA	RAM SAGAR	PR.SCI	F.S.& PHT	Fruit Science
187	DR	R.R.	SHARMA	PR.SCI	F.S.& PHT	Fruit Science
188	DR	CHARANJIT	KAUR	PR.SCI	F.S.& PHT	Fruit Science
189	DR	RAM	ASREY	PR.SCI	F.S.& PHT	Fruit Science
190	DR	K.	USHA	PR.SCI	FRUIT & HORT.TECH.	Fruit Science
191	DR	O.P.	AWASTHI	PR.SCI	FRUIT & HORT.TECH.	Fruit Science
192	DR	RADHA MOHAN	SHARMA	PR.SCI	FRUIT & HORT.TECH.	Fruit Science
193	DR	KANHAIYA	SINGH	PR.SCI	FRUIT & HORT.TECH.	Fruit Science
194	DR	SANJAY KUMAR	SINGH	PR.SCI	FRUIT & HORT.TECH.	Fruit Science
195	DR	A.K.	DUBEY	PR.SCI	FRUIT & HORT.TECH.	Fruit Science
196	DR	M.K.	VERMA	PR.SCI	FRUIT & HORT.TECH.	Fruit Science
197	DR	MANISH	SRIVASTAVA	PR.SCI	FRUIT & HORT.TECH.	Fruit Science
198	DR	A.	NAGARAJA	PR.SCI	FRUIT & HORT.TECH.	Fruit Science
199	DR	JAI	PRAKASH	PR.SCI	FRUIT & HORT.TECH.	Fruit Science
200	SH	CHAVLESH		SCI	FRUIT &	Fruit Science



		KUMAR			HORT.TECH.	
201	SH	NAYAN DEEPAK	G.	SCI	FRUIT & HORT.TECH.	Fruit Science
202	DR	AMIT KUMAR	GOSWAMI	SCI	FRUIT & HORT.TECH.	Fruit Science
203	DR	MADHUBALA	THAKRE	SCI	FRUIT & HORT.TECH.	Fruit Science
204	DR	VISHWA BANDHU	PATEL	SR.SCI	FRUIT & HORT.TECH.	Fruit Science
205	DR	AWTAR	SINGH	PR.SCI	FRUIT & HORT.TECH.	Genetics & Plant Breeding
206	DR	AMBRISH KUMAR	SHARMA	PR.SCI	GENETICS	Genetics & Plant Breeding
207	DR	RAM KUMAR	SHARMA	PR.SCI	GENETICS	Genetics & Plant Breeding
208	DR	RAJENDRA	SINGH	PR.SCI	GENETICS	Genetics & Plant Breeding
209	DR	R.N.	GADAG	PR.SCI	GENETICS	Genetics & Plant Breeding
210	DR	VENKATRAMAN	HEGDE	PR.SCI	GENETICS	Genetics & Plant Breeding
211	DR	KANAKA	DURGA	PR.SCI	GENETICS	Genetics & Plant Breeding
212	DR	A.K.	SINGH	PR.SCI	GENETICS	Genetics & Plant Breeding
213	DR	VINOD		PR.SCI	GENETICS	Genetics & Plant Breeding
214	DR	SUJATA	VASUDEV	PR.SCI	GENETICS	Genetics & Plant Breeding
215	DR	SANJAY	KUMAR	PR.SCI	GENETICS	Genetics & Plant Breeding
216	DR	RAJENDRA	KUMAR	PR.SCI	GENETICS	Genetics & Plant Breeding
217	DR	HARSH KUMAR	DIKSHIT	PR.SCI	GENETICS	Genetics & Plant Breeding
218	DR	JYOTI	KAUL	PR.SCI	GENETICS	Genetics & Plant Breeding
219	DR	AKSHAY	TALUKDAR	PR.SCI	GENETICS	Genetics & Plant Breeding
220	DR	RAJBIR	YADAV	PR.SCI	GENETICS	Genetics & Plant Breeding
221	DR	ANJU	MAHENDRU SINGH	PR.SCI	GENETICS	Genetics & Plant Breeding
222	DR	S.K.	LAL	PR.SCI	GENETICS	Genetics & Plant Breeding
223	DR	SUMER PAL	SINGH	PR.SCI	GENETICS	Genetics & Plant Breeding
224	DR	R.S.	RAJE	PR.SCI	GENETICS	Genetics & Plant Breeding
225	DR	DHAMENDRA	SINGH	PR.SCI	GENETICS	Genetics & Plant Breeding
226	DR	C.	BHARADWAJ	PR.SCI	GENETICS	Genetics & Plant Breeding

227	DR	NAVINDER	SAINI	PR.SCI	GENETICS	Genetics & Plant Breeding
228	DR	NAVEEN	SINGH	PR.SCI	GENETICS	Genetics & Plant Breeding
229	DR	PRADEEP KUMAR	SINGH	PR.SCI	GENETICS	Genetics & Plant Breeding
230	DR	SHAILESH	TRIPATHI	PR.SCI	GENETICS	Genetics & Plant Breeding
231	DR	GOPALA	KRISHNAN. S	PR.SCI	GENETICS	Genetics & Plant Breeding
232	DR	GYANENDRA	SINGH	PR.SCI	GENETICS	Genetics & Plant Breeding
233	DR	DEVENDRA KUMAR	YADAV	PR.SCI	SEED SCI & TECH	Genetics & Plant Breeding
234	DR	MONIKA ATUL	JOSHI	PR.SCI	SEED SCI & TECH	Genetics & Plant Breeding
235	DR	ZAKIR	HUSSAIN	PR.SCI	VEG.SCIENCES	Genetics & Plant Breeding
236	SH	PROLAY KUMAR	BHOWMICK	SCI	GENETICS	Genetics & Plant Breeding
237	DR	KUMAR	DURGESH	SCI	GENETICS	Genetics & Plant Breeding
238	DR	NARESH	KUMAR	SCI	GENETICS	Genetics & Plant Breeding
239	DR	MURALEEDHLA R	ASKI	SCI	GENETICS	Genetics & Plant Breeding
240	DR	SHAILENDRA KUMAR	JHA	SCI	GENETICS	Genetics & Plant Breeding
241	DR	R. AMBIKA	RAJENDRAN	SCI	GENETICS	Genetics & Plant Breeding
242	SH	RAMA PRASHAT .G.		SCI	GENETICS	Genetics & Plant Breeding
243	DR	ARPITA	SRIVASTAVA	SCI	GENETICS	Genetics & Plant Breeding
244	MS	PRACHI SHRIPATRO	YADAV	SCI	GENETICS	Genetics & Plant Breeding
245	DR	KIRAN BAPUSAHEB	GAIKWAD	SCI	GENETICS	Genetics & Plant Breeding
246	DR	GANAPALI	MUKRI	SCI	GENETICS	Genetics & Plant Breeding
247	SH	PRASHANTH	BABU H.	SCI	GENETICS	Genetics & Plant Breeding
248	SH	HARIKRISHNA		SCI	GENETICS	Genetics & Plant Breeding
249	SH	YASHPAL		SCI	GENETICS	Genetics & Plant Breeding
250	DR	NIHARIKA	MALLICK	SCI	GENETICS	Genetics & Plant Breeding
251	SH	RANJITH KUMAR	ELLUR	SCI	GENETICS	Genetics & Plant Breeding
252	SH	VIGNESH. M.		SCI	GENETICS	Genetics & Plant Breeding

253	SH	M.G.	MALLIKARJUN A	SCI	GENETICS	Genetics & Plant Breeding
254	SH	MUKESH	SANKAR.S.	SCI	GENETICS	Genetics & Plant Breeding
255	MS	HARITHA	BOLLINEDI	SCI	GENETICS	Genetics & Plant Breeding
256	SH	RAGHUNANADA N K.		SCI	GENETICS	Genetics & Plant Breeding
257	SH	RAJKUMAR	UTTAMRAO ZUNJARE	SCI	GENETICS	Genetics & Plant Breeding
258	DR	NIRANJANA M.		SCI	GENETICS	Genetics & Plant Breeding
259	SH	MANJEET KUMAR		SCI	GENETICS	Genetics & Plant Breeding
260	DR	CHANDU	SINGH	SCI	SEED PRODUCTION UNIT	Genetics & Plant Breeding
261	DR	FIROZ	HOSSAIN	SR.SCI	GENETICS	Genetics & Plant Breeding
262	DR	GYAN PRAKASH	MISHRA	SR.SCI	GENETICS	Genetics & Plant Breeding
263	DR	VIJENDRA	SINGH	SR.SCI	OREP (CATAT)	Genetics & Plant Breeding
264	DR	NIRUPAMA	SINGH	SCI	GENETICS	Genetics&Plant Breeding
265	DR	JAI PRAKASH	TYAGI	SR.SCI	GENETICS	Genetics&Plant Breeding
266	DR	NISHI	SHARMA	SR.SCI	OREP (CATAT)	Home Sciences
267	DR	PRATIBHA	JOSHI	SCI	AGRI.EXTENSI ON	Home Sciences & FRM
268	DR	MAN	SINGH	PR.SCI	W.T.C	Land & Water Management
269	DR	MANOJ	KHANNA	PR.SCI	W.T.C	Land & Water Management
270	DR	D.K.	SINGH	PR.SCI	W.T.C	Land & Water Management
271	DR	A.	SARANGI	PR.SCI	W.T.C	Land & Water Management
272	DR	A.K.	MISHRA	PR.SCI	W.T.C	Land & Water Management
273	DR	MURTAZA	HASAN	PR.SCI	W.T.C	Land & Water Management
274	DR	NEELAM	PATEL	PR.SCI	W.T.C	Land & Water Management
275	DR	SUSAMA	SUDHISHRI	PR.SCI	W.T.C	Land & Water Management
276	DR	UMA	RAO	PR.SCI	NEMATOLOGY	Nematology
277	DR	A.K.	SINGH	PR.SCI	NEMATOLOGY	Nematology
278	DR	ARCHNA UDAI	SINGH	PR.SCI	NEMATOLOGY	Nematology
279	DR	HARENDER KUMAR		PR.SCI	NEMATOLOGY	Nematology
280	DR	NAVED	SABIR	PR.SCI	NEMATOLOGY	Nematology
281	DR	ANIL	SIROHI	PR.SCI	NEMATOLOGY	Nematology
282	DR	PANKAJ		PR.SCI	NEMATOLOGY	Nematology

283	DR	ANJU	KAMRA	PR.SCI	NEMATOLOGY	Nematology
284	DR	GAUTAM	CHAWLA	PR.SCI	NEMATOLOGY	Nematology
285	DR	SHARAD	MOHAN	PR.SCI	NEMATOLOGY	Nematology
286	DR	MATIYAR RAHAMAN	KHAN	PR.SCI	NEMATOLOGY	Nematology
287	DR	RASHID	PERVEZ	PR.SCI	NEMATOLOGY	Nematology
288	DR	LAKSHMAN LAL	PRASAD	PR.SCI	PLANT PATHOLOGY	Nematology
289	DR	KAVALIPURAPU	KRANTI	SCI	NEMATODES PROJECT	Nematology
290	SH	VIKASH	BAMEL	SCI	NEMATOLOGY	Nematology
291	DR	TUSHAR KANTI	DUTTA	SCI	NEMATOLOGY	Nematology
292	SH	WAGHMARE CHANDRAMANI	DATTATRAYA	SCI	NEMATOLOGY	Nematology
293	DR	MANIMARAN B.		SCI	NEMATOLOGY	Nematology
294	DR	MAHENDRA	SINGH	SR.SCI	NEMATOLOGY	Nematology
295	DR	VISHAL SINGH	SOMVANSHI	SR.SCI	NEMATOLOGY	Nematology
296	DR	IRANI	MUKHERJEE	PR.SCI	AGRI.CHEMICALS	Organic Chemistry
297	DR	N.A.	SHAKIL	PR.SCI	AGRI.CHEMICALS	Organic Chemistry
298	DR	NEERA	SINGH	PR.SCI	AGRI.CHEMICALS	Organic Chemistry
299	DR	SUMAN	GUPTA	PR.SCI	AGRI.CHEMICALS	Organic Chemistry
300	DR	VIRENDRA SINGH	RANA	PR.SCI	AGRI.CHEMICALS	Organic Chemistry
301	DR	TIRTHANKAR	BANERJEE	PR.SCI	AGRI.CHEMICALS	Organic Chemistry
302	DR	RAJESH	KUMAR	PR.SCI	AGRI.CHEMICALS	Organic Chemistry
303	DR	ANUPAMA	SINGH	PR.SCI	AGRI.CHEMICALS	Organic Chemistry
304	DR	SUPRADIP	SAHA	PR.SCI	AGRI.CHEMICALS	Organic Chemistry
305	DR	K.K.	SHARMA	PR.SCI	AICRP ON PESTICIDE RESIDUE (AG. CHEMICALS)	Organic Chemistry
306	DR	NIVETA	JAIN	PR.SCI	CESCRA (ENV SCI)	Organic Chemistry
307	DR	ARTI	BHATIA	PR.SCI	CESCRA (ENV SCI)	Organic Chemistry
308	DR	ADITI	KUNDU	SCI	AGRI.CHEMICALS	Organic Chemistry
309	DR	SHASHI BALA	SINGH	PR.SCI	AGRI.CHEMICALS	Organic Chemistry
310	DR	VANDANA	TRIPATHY	SR.SCI	AGRI.CHEMICALS	Organic Chemistry
311	DR	PRAMEELA	KRISHNAN	PR.SCI	AGRI.PHYSICS	Physics
312	DR	JOYDEEP	MUKHERJEE	PR.SCI	AGRI.PHYSICS	Physics
313	DR	ANANTA	VASHISTH	PR.SCI	AGRI.PHYSICS	Physics
314	SH	RAJKUMAR	DHAKAR	SCI	AGRI.PHYSICS	PHYSICS
315	SH	ACHCHHELAL	YADAV	SCI.SG	AGRI.PHYSICS	Physics
316	DR	PRAGATI	PRAMANIK MAITY	SCI.SS	AGRI.PHYSICS	Physics

317	DR	C.M.	PARIHAR	SCI.SS	AGRONOMY	Physics
318	DR	ARCHNA	SACHDEV	PR.SCI	BIOCHEMISTR Y	Plant Biochemistry
319	DR	ARUNA	TYAGI	PR.SCI	BIOCHEMISTR Y	Plant Biochemistry
320	DR	ARCHNAN	SINGH	PR.SCI	BIOCHEMISTR Y	Plant Biochemistry
321	DR	SHELLY	PRAVEEN	PR.SCI	BIOCHEMISTR Y	Plant Biochemistry
322	DR	SURESH	KUMAR	PR.SCI	BIOCHEMISTR Y	Plant Biochemistry
323	DR	ANIL	DAHUJA	PR.SCI	BIOCHEMISTR Y	Plant Biochemistry
324	DR	RANJEET RANJAN	KUMAR	SCI	BIOCHEMISTR Y	Plant Biochemistry
325	MS	VINUTHA .T.		SCI	BIOCHEMISTR Y	Plant Biochemistry
326	DR	SUNEHA	GOSWAMI	SCI	BIOCHEMISTR Y	Plant Biochemistry
327	DR	SWETA	KUMARI	SCI	BIOCHEMISTR Y	Plant Biochemistry
328	MS	VEDA	KRISHNAN	SCI	BIOCHEMISTR Y	Plant Biochemistry
329	DR	RAJENDRA PRASAD	PANT	PR.SCI	PLANT PATHOLOGY	Plant Pathology
330	DR	GOVIND PRATAP	RAO	PR.SCI	PLANT PATHOLOGY	Plant Pathology
331	DR	K.B.	PUN	PR.SCI	PLANT PATHOLOGY	Plant Pathology
332	DR	V.K.	BARANWAL	PR.SCI	PLANT PATHOLOGY	Plant Pathology
333	DR	T. PRAMEELA	DEVI	PR.SCI	PLANT PATHOLOGY	Plant Pathology
334	DR	RASHMI	AGGARWAL	PR.SCI	PLANT PATHOLOGY	Plant Pathology
335	DR	ROBIN	GOGOI	PR.SCI	PLANT PATHOLOGY	Plant Pathology
336	DR	PARIMAL	SINHA	PR.SCI	PLANT PATHOLOGY	Plant Pathology
337	DR	BIKASH	MANDAL	PR.SCI	PLANT PATHOLOGY	Plant Pathology
338	DR	TUSAR KANTI	BAG	PR.SCI	PLANT PATHOLOGY	Plant Pathology
339	DR	KAJAL KUMAR	BISWAS	PR.SCI	PLANT PATHOLOGY	Plant Pathology
340	DR	MAHENDER SINGH	SAHARAN	PR.SCI	PLANT PATHOLOGY	Plant Pathology
341	DR	DINESH	SINGH	PR.SCI	PLANT PATHOLOGY	Plant Pathology
342	DR	KALYAN KUMAR	MONDAL	PR.SCI	PLANT PATHOLOGY	Plant Pathology
343	DR	AUNDY	KUMAR	PR.SCI	PLANT PATHOLOGY	Plant Pathology
344	DR	V	SHANMUGAM	PR.SCI	PLANT PATHOLOGY	Plant Pathology
345	DR	ANIRBAN	ROY	PR.SCI	PLANT PATHOLOGY	Plant Pathology
346	DR	SARITHA	R.K.	SCI	PLANT PATHOLOGY	Plant Pathology

347	DR	MALKHAN SINGH	GURJAR	SCI	PLANT PATHOLOGY	Plant Pathology
348	MS	HEMAVATI	RANEBENNUR	SCI	PLANT PATHOLOGY	Plant Pathology
349	SH	BASAVARAJ		SCI	PLANT PATHOLOGY	Plant Pathology
350	MS	BISHNU MAYA	BASHYAL	SCI	PLANT PATHOLOGY	Plant Pathology
351	DR	DEEBA	KAMIL	SCI	PLANT PATHOLOGY	Plant Pathology
352	DR	G. PRAKASH		SCI	PLANT PATHOLOGY	Plant Pathology
353	DR	N	SRINIVASA	SCI	PLANT PATHOLOGY	Plant Pathology
354	SH	VAIBHAV KUMAR	SINGH	SCI	PLANT PATHOLOGY	Plant Pathology
355	DR	AMRITA	DAS	SCI	PLANT PATHOLOGY	Plant Pathology
356	MS	SHUMAILA	SHAHID	SCI	PLANT PATHOLOGY	Plant Pathology
357	DR	SHIV DHAR	SINGH	PR.SCI	CECRA (ENV SCI)	Plant Physiology
358	DR	NARESH	KUMAR	PR.SCI	CECRA (ENV SCI)	Plant Physiology
359	DR	BHUPINDER	SINGH	PR.SCI	CECRA (N.R.L)	Plant Physiology
360	DR	SANTOSH	KUMARI	PR.SCI	PLANT PHYSIOLOGY	Plant Physiology
361	DR	MADAN	PAL	PR.SCI	PLANT PHYSIOLOGY	Plant Physiology
362	DR	PRAMOD	KUMAR	PR.SCI	PLANT PHYSIOLOGY	Plant Physiology
363	DR	AJAY	ARORA	PR.SCI	PLANT PHYSIOLOGY	Plant Physiology
364	DR	ANJALI	ANAND	PR.SCI	PLANT PHYSIOLOGY	Plant Physiology
365	DR	CHINNUSAMY	VISWANATHAN	PR.SCI	PLANT PHYSIOLOGY	Plant Physiology
366	DR	VIJAY	PAUL	PR.SCI	PLANT PHYSIOLOGY	Plant Physiology
367	DR	RENU	PANDEY	PR.SCI	PLANT PHYSIOLOGY	Plant Physiology
368	DR	RAKESH	PANDEY	PR.SCI	PLANT PHYSIOLOGY	Plant Physiology
369	DR	TEJ PAL	SINGH	PR.SCI	SEED SCI & TECH	Plant Physiology
370	DR	SHIVANI	NAGAR	SCI	PLANT PHYSIOLOGY	Plant Physiology
371	DR	SUDHIR	KUMAR	SCI	PLANT PHYSIOLOGY	Plant Physiology
372	DR	DHANDAPANI	R.	SCI	PLANT PHYSIOLOGY	Plant Physiology
373	DR	LEKSHMY . S.		SCI	PLANT PHYSIOLOGY	Plant Physiology
374	SH	SAKHARE AKSHAY	SURESHRAO	SCI	PLANT PHYSIOLOGY	Plant Physiology
375	MS	SHASHI	MEENA	SCI	PLANT PHYSIOLOGY	Plant Physiology
376	DR	NEETA	DWIVEDI	SR.SCI	W.T.C	Plant Physiology

377	DR	BALRAJ	SINGH	PR.SCI	SEED SCI & TECH	Seed Sci & Tech
378	DR	S.K.	JAIN	PR.SCI	SEED SCI & TECH	Seed Sci & Tech
379	DR	S.K.	CHAKRABORTY	PR.SCI	SEED SCI & TECH	Seed Sci & Tech
380	DR	SHIV KUMAR	YADAV	PR.SCI	SEED SCI & TECH	Seed Sci & Tech
381	DR	SANDEEP KUMAR	LAL	PR.SCI	SEED SCI & TECH	Seed Sci & Tech
382	DR	SUDIPTA	BASU	PR.SCI	SEED SCI & TECH	Seed Sci & Tech
383	DR	SANGITA	YADAV	PR.SCI	SEED SCI & TECH	Seed Sci & Tech
384	DR	ARUN KUMAR	M.B.	PR.SCI	SEED SCI & TECH	Seed Sci & Tech
385	DR	DUNNA	VIJAY	PR.SCI	SEED SCI & TECH	Seed Sci & Tech
386	DR	ATUL	KUMAR	PR.SCI	SEED SCI & TECH	Seed Sci & Tech
387	DR	B.S.	TOMAR	PR.SCI	VEG.SCIENCES	Seed Sci & Tech
388	SH	MANJUNATH PRASAD	C.T.	SCI	SEED SCI & TECH	Seed Sci & Tech
389	MS	NAGAMANI	SANDRA	SCI	SEED SCI & TECH	Seed Sci & Tech
390	MS	USHA RANI	PEDIREDDY	SCI	SEED SCI & TECH	Seed Sci & Tech
391	DR	PRAMILA	AGGARWAL	PR.SCI	AGRI.PHYSICS	Soil Sciences
392	DR	K.K.	BANDYOPADHYAY	PR.SCI	AGRI.PHYSICS	Soil Sciences
393	DR	R.N.	SAHOO	PR.SCI	AGRI.PHYSICS	Soil Sciences
394	DR	DEBASHISH	CHAKRABORTY	PR.SCI	AGRI.PHYSICS	Soil Sciences
395	DR	MANOJ	SHRIVASTAVA	PR.SCI	CECRA (ENV SCI)	Soil Sciences
396	DR	RANJAN	BHATTACHARYA	PR.SCI	CECRA (ENV SCI)	Soil Sciences
397	DR	RAJENDRA	SINGH	PR.SCI	SOIL SCI.& AGRICHEM.	Soil Sciences
398	DR	R.N.	PANDEY	PR.SCI	SOIL SCI.& AGRICHEM.	Soil Sciences
399	DR	B.S.	DWIVEDI	PR.SCI	SOIL SCI.& AGRICHEM.	Soil Sciences
400	DR	D.R.	BISWAS	PR.SCI	SOIL SCI.& AGRICHEM.	Soil Sciences
401	DR	S.P.	DATTA	PR.SCI	SOIL SCI.& AGRICHEM.	Soil Sciences
402	DR	K.M.	MANJIAH	PR.SCI	SOIL SCI.& AGRICHEM.	Soil Sciences
403	DR	T.J.	PURAKAYASTHA	PR.SCI	SOIL SCI.& AGRICHEM.	Soil Sciences
404	DR	VINOD KUMAR	SHARMA	PR.SCI	SOIL SCI.& AGRICHEM.	Soil Sciences
405	DR	RAVINDER	KAUR	PR.SCI	W.T.C	Soil Sciences
406	DR	KHAJANCHI	LAL	PR.SCI	W.T.C	Soil Sciences
407	MS	SUNITA	YADAV	SCI	CECRA (ENV	Soil Sciences

					SCI)	
408	SH	DEBARUP DAS		SCI	SOIL SCI.& AGRI.CHEM.	Soil Sciences
409	DR	SUNANDA	BISWAS	SCI	SOIL SCI.& AGRI.CHEM.	Soil Sciences
410	DR	SHRILA	DAS	SCI	SOIL SCI.& AGRI.CHEM.	Soil Sciences
411	SH	CHOBHE KAPIL	ATMARAM	SCI	SOIL SCI.& AGRI.CHEM.	Soil Sciences
412	DR	MANDIRA	BARMAN	SCI	SOIL SCI.& AGRI.CHEM.	Soil Sciences
413	MS	RUMA	DAS	SCI	SOIL SCI.& AGRI.CHEM.	Soil Sciences
414	SH	ABIR	DEY	SCI	SOIL SCI.& AGRI.CHEM.	Soil Sciences
415	SH	DEBASIS	GOLUI	SCI	SOIL SCI.& AGRI.CHEM.	Soil Sciences
416	SH	VIJAY KUMAR	PRAJAPATI	SCI	W.T.C	Soil Sciences
417	DR	SARVENDRA	KUMAR	SCI(SS )	SOIL SCI.& AGRI.CHEM.	Soil Sciences
418	DR	ROSIN	K.G.	SCI(SS )	W.T.C	Soil Sciences
419	DR	DHARA SINGH	GURJAR	SCI.SS	W.T.C	Soil Sciences
420	DR	MAHESH CHAND	MEENA	SR.SCI	SOIL SCI.& AGRI.CHEM.	Soil Sciences
421	DR	NAYAN	AHMED	PR.SCI	SOIL SCI.& AGRI.CHEM.	Soil Sciences Pedology
422	DR	PRATIVA	LAKHOTIA (ANAND)	SCI	FLORI.& LANDSCAPING	Spices, Plantation & Medicinal & Aromatic Plants
423	DR	PRAVEEN KUMAR	SINGH	PR.SCI	VEG.SCIENCES	Vegetable Science
424	DR	SHRI	DHAR	PR.SCI	VEG.SCIENCES	Vegetable Science
425	DR	RAJ	KUMAR	PR.SCI	VEG.SCIENCES	Vegetable Science
426	DR	A.D.	MUNSHI	PR.SCI	VEG.SCIENCES	Vegetable Science
427	DR	T.K.	BEHERA	PR.SCI	VEG.SCIENCES	Vegetable Science
428	DR	AWANI KUMAR	SINGH	PR.SCI	VEG.SCIENCES	Vegetable Science
429	DR	AMISH KUMAR	SUREJA	PR.SCI	VEG.SCIENCES	Vegetable Science
430	DR	JEETENDRA KUMAR	RANJAN	PR.SCI	VEG.SCIENCES	Vegetable Science
431	DR	HARSHA WARDHAN	CHOUDHARY	PR.SCI	VEG.SCIENCES	Vegetable Science
432	DR	RAMESH KUMAR	YADAV	PR.SCI	VEG.SCIENCES	Vegetable Science
433	SH	PARTHA	SAHA	SCI	VEG.SCIENCES	Vegetable Science
434	DR	S.S.	DEY	SCI	VEG.SCIENCES	Vegetable Science
435	SH	P. MUTHUKUMAR		SCI	VEG.SCIENCES	Vegetable Science
436	SH	BRIJ BIHARI	SHARMA	SCI	VEG.SCIENCES	Vegetable Science
437	DR	YVONNE ANGEL	LYNGDOH	SCI	VEG.SCIENCES	Vegetable Science
438	SH	JOGENDRA	SINGH	SCI	VEG.SCIENCES	Vegetable Science
439	DR	GOGRAJ SINGH	JAT	SCI	VEG.SCIENCES	Vegetable Science
440	DR	SHRAWAN	SINGH	SCI (SS)	VEG.SCIENCES	Vegetable Science
441	DR	SABINA	ISLAM	SCI.SS	VEG.SCIENCES	Vegetable Science



**LIST OF SCIENTISTS POSTED AT REGIONAL STATIONS**

S.N.	TITL E	FIRST NAME	LAST NAME	DESIG	ESTT	DISCIPLINE
1	DR	P.B.	SINGH	PR.SCI	R.S. KARNAL	Agril.Entomology
2	DR	G.K.	MAHAPATRO	PR.SCI	R.S. PUNE	Agril.Entomology
3	DR	K	CHANDRASHE KAR	PR.SCI	R.S. PUNE	Agril.Entomology
4	SH	ACHINTYA	PRAMANIK	SCI	R.S. KATRAIN	Agril.Entomology
5	DR	ANIL KUMAR	SINGH	PR.SCI	R.S. INDORE	Agril.Extension
6	SH	SUJIT	SARKAR	SCI	R.S.KALIMPONG	Agril.Extension
7	DR	K.C.	SHARMA	PR.SCI	R.S. INDORE	Agronomy
8	DR	NEELAM KUMAR	CHOPRA	PR.SCI	R.S. KARNAL	Agronomy
9	DR	NISHA KANT	CHOPRA	PR.SCI	R.S. KARNAL	Agronomy
10	SH	MOHAMMAD	HASHIM	SCI	R.S. PUSA BIHAR	Agronomy
11	DR	M	NAGARAJAN	PR.SCI	R.S. ADHUTARAI	Economic Botany & Plant Genetic
12	DR	MAST RAM	DHIMAN	PR.SCI	R.S. KATRAIN	Flori.&Land scaping
13	DR	DWIJENDRA	BARMAN	PR.SCI	R.S.KALIMPONG	Flori.&Land scaping
14	DR	S.K.	SHARMA	PR.SCI	R.S. PUNE	Fruit Science
15	DR	K.K.	PRAMANICK	PR.SCI	R.S.(CHC) AMARTARA, SHIMLA	Fruit Science
16	DR	ARUN KUMAR	SHUKLA	PR.SCI	R.S.(CHC) AMARTARA, SHIMLA	Fruit Science
17	MS	NATASHA	GURUNG	SCI	R.S.KALIMPONG	Fruit science
18	DR	K.K.	VINOD	PR.SCI	R.S. ADHUTARAI	Genetics & Plant Breeding
19	DR	DILIP KUMAR	VERMA	PR.SCI	R.S. INDORE	Genetics & Plant Breeding
20	DR	S.V.SAI	PRASAD	PR.SCI	R.S. INDORE	Genetics & Plant Breeding
21	DR	R.N.	YADAV	PR.SCI	R.S. KARNAL	Genetics & Plant Breeding
22	DR	CHANDER	PARKASH	PR.SCI	R.S. KATRAIN	Genetics & Plant Breeding
23	DR	DHARAM	PAL	PR.SCI	R.S.(CHC) AMARTARA, SHIMLA	Genetics & Plant Breeding
24	DR	B.S.	PATIL	PR.SCI	R.S.C. DHARWAD	Genetics & Plant Breeding
25	DR	JAYANT SUBRAYA	BHAT	PR.SCI	R.S.C. DHARWAD	Genetics & Plant Breeding
26	DR	P. JAYAPRAKASH		PR.SCI	R.S.WELLINGTON	Genetics & Plant Breeding
27	MS	DIVYA	AMBATI	SCI	R.S. INDORE	Genetics & Plant Breeding

28	SH	RAHUL PHUKE	MADHAVRAO	SCI	R.S. INDORE	Genetics & Plant Breeding
29	SH	TAPAS RANJAN	DAS	SCI	R.S. PUSA BIHAR	Genetics & Plant Breeding
30	DR	MADHU	PATIAL	SCI	R.S.(CHC) AMARTARA, SHIMLA	Genetics & Plant Breeding
31	DR	J.	NANJUNDAN	SCI	R.S.WELLINGTON	Genetics & Plant Breeding
32	DR	VIKAS	V.K.	SCI	R.S.WELLINGTON	Genetics & Plant Breeding
33	DR	JANG BAHADUR	SINGH	SR.SCI	R.S. INDORE	Genetics & Plant Breeding
34	SH	BERLINER	J.	SCI(SS)	R.S.WELLINGTON	Nematology
35	DR	ANUJA	GUPTA	PR.SCI	R.S. KARNAL	Plant Pathology
36	DR	RAJ	VERMA	PR.SCI	R.S. PUNE	Plant Pathology
37	DR	C.UMA	MAHESHWARI	PR.SCI	R.S.WELLINGTON	Plant Pathology
38	DR	P.	NALLATHAMBI	PR.SCI	R.S.WELLINGTON	Plant Pathology
39	SH	PRAKASH T.L.		SCI	R.S. INDORE	Plant Pathology
40	DR	RAVINDRA	KUMAR	SCI	R.S. KARNAL	Plant Pathology
41	SH	WATPADE SANTOSH	GANPAT	SCI	R.S.(CHC) AMARTARA, SHIMLA	Plant Pathology
42	SH	MANJUNATHA C.		SCI	R.S.WELLINGTON	Plant Pathology
43	DR	SAVARNI	TRIPATHI	SR.SCI	R.S. PUNE	Plant Pathology
44	DR	S.	NATRAJAN	PR.SCI	R.S. ADHUTARAI	Seed Sci & Tech
45	DR	ASHWANI	KUMAR	PR.SCI	R.S. KARNAL	Seed Sci & Tech
46	DR	RAKESH	SETH	PR.SCI	R.S. KARNAL	Seed Sci & Tech
47	DR	K.K.	SINGH	PR.SCI	R.S. PUSA BIHAR	Seed Sci & Tech
48	DR	M.	SIVASWAMY	PR.SCI	R.S.WELLINGTON	Seed Sci & Tech
49	DR	VINOD KUMAR	PANDITA	PR.SCI	R.S. KARNAL	Vegetable Science
50	DR	S.C.	RANA	PR.SCI	R.S. KARNAL	Vegetable Science
51	DR	SANDEEP	KUMAR	SCI	R.S. KATRAIN	Vegetable Science
52	DR	SWATI	SAHA	SCI	R.S. PUNE	Vegetable Science

#### LIST OF SCIENTIST POSTED AT KVK

SL. NO.	TITLE	FIRST NAME	LAST NAME	DESIG	ESTT
1	DR	ANAMIKA	SHARMA	PR.SCI	KVK

#### RMP

S.N	TITL E	FIRST NAME	LAST NAME	PRESENT DESIG	DESI G	ESTT	DISCIPLINE
1	DR	J.P.	SHARMA	JD(EXT)	RMP	DIRECTORA TE	AGRI.EXTENSI ON

**Annexure A9**

FRNR Student Admitted Year - 2018									
Sr. No.	COU RSE	ROLL NO	YR_AD MN	DISCIPLINE	NAME OF THE STUDENT	DATE_ENRO L	Sex	CAT	COUNTRY
1.	Ph.D	11374	2018	AGRICULTURAL ECONOMICS	ABEL LEONARD MTEMBEJI	13/11/2018	M	FRNR	TANZANIA
2.	Ph.D	11363	2018	AGRICULTURAL ECONOMICS	Ms. SAYLA KHANDOKER	24/07/2018	F	FRNR	BANGLADESH
3.	Ph.D	11372	2018	AGRONOMY	MUKHTAR AHMAD FAIZ	30/08/2018	M	FRNR	AFGHANISTAN
4.	Ph.D	11371	2018	AGRONOMY	OBADULLAH RAIHAN	30/08/2018	M	FRNR	AFGHANISTAN
5.	Ph.D	11373	2018	FLORICULTURE AND LANDSCAPE ARCHITECTURE	MOHAMMAD MUSA DAUDZAI	05/09/2018	M	FRNR	AFGHANISTAN
6.	Ph.D	11362	2018	MOLECULAR BIOLOGY AND BIOTECHNOLOGY	MAWULIKWAMLA AZAMETI	23/07/2018	M	FRNR	GHANA
7.	Ph.D	11368	2018	PLANT GENETIC RESOURCES	Ms. CHAW SU SU HTWE	16/08/2018	F	FRNR	MYANMAR
8.	Ph.D	11364	2018	PLANT PATHOLOGY	DAUDA WADZANI PALNAM	25/07/2018	M	FRNR	NIGERIA



# ICAR Awards, 2017

## I: Chaudhary Devi Lal Outstanding All India Coordinated Research Project (AICRP) Award, 2017

### Awardees:

#### Best All India Coordinated Research Project:

All India Coordinated Research Project on Spices, Kozhikode, Kerala

#### Best Centre under this AICRP:

AICRP Centre-KAU Panniyur, Kerala

## II: Rafi Ahmed Kidwai Award for Outstanding Research in Agricultural Sciences, 2017

### Awardees:

#### Crop & Horticultural Sciences Category:

Dr. D. K. Yadava, Head Division of Seed Science & Technology, Indian Agricultural Research Institute, New Delhi & ADG, Seeds, ICAR, N Delhi

#### Natural Resource Management & Agricultural Engineering Category

Dr. B.S. Dwivedi, Head, Division of Soil Science & Agricultural Chemistry, ICAR-Indian Agricultural Research Institute, New Delhi

#### Animal & Fisheries Sciences Category:

Dr. Kajal Chakraborty, Senior Scientist, Marine Biotechnology Division, ICAR-Central Marine Fisheries Research Institute, Ernakulum, Kochi, Kerala

#### Social Sciences

Dr. Anjani Kumar, International Scientist, International Food Policy Research Institute, South Asia Office, NASC Complex, New Delhi

## III: Lal Bahadur Shastri Outstanding Young Scientist Award, 2017

### Awardees:

#### Crop & Horticultural Sciences:

Dr. B. Kalyana Babu, Scientist (Senior Scale), Agricultural Biotechnology, Indian Institute of Oil Palm Research, Pedavegi, Andhra Pradesh

#### Natural Resource Management & Agricultural Engineering

Dr. P.C. Abhilash, Assistant Professor (Stage II), Instt. of Environment & Sustainable Development, BHU, Varanasi

#### Animal & Fisheries Sciences

Dr. Rajendran Thomas, Sr. Scientist, ICAR-NRC on Pig, Rani, Guwahati, Assam

#### Social Sciences

Dr. Eldho Varghese, Scientist, Central Marine Fisheries Research Institute, Kochi, Kerala



#### **IV: Jawaharlal Nehru Award for P.G. Outstanding Doctoral Thesis Research in Agricultural and Allied sciences, 2017**

##### **Awardees:**

##### **Crop Sciences:**

1. R.K. Ellur, Scientist (Genetics & Plant Breeding), Division of Genetics, IARI, New Delhi
2. Dr. H.B. Mahesh, GKVK, Bengaluru (Karnataka)

##### **Animal Sciences:**

1. Dr. Rajeev Ranjan, Scientist, International Centre for Foot & Mouth Disease, Jatni, Odisha
2. Dr. Sonika Ahlawat, National Bureau of Animal Genetic Resources, Karnal

##### **Fisheries Science:**

1. Dr. Banya Kar, Patna (Bihar)
2. Dr. Anusree Velappan Nair, Marine Biology Division, CMFRI, Cochin, Kerala

##### **Biotechnology:**

1. Dr. Asha Srinivasan, Parippally, Kollam, Kerala
2. Dr. Amit Kumar Tripathi, Bhopal

##### **Social Sciences:**

1. Dr. Anindita Datta, Paschim Vihar, New Delhi
2. Dr. Hema Baliwada, Scientist, Agricultural Extension, CTTRI, Rajahmundry (A.P.)

##### **Crop Protection:**

1. Dr. David Karamankodu Jacob, Scientist, Division of Insect Systematics, National Bureau of Agriculturally Important Microorganisms, Bangalore, Karnataka
2. Dr. Somnath Kadappa Holkar, Scientist & Incharge, IISR, Biological Control Centre, Pravara Nagar, Ahmednagar

##### **Natural Resource Management:**

1. Dr. Bappa Das, Scientist, Agricultural Meteorology, ICAR-CCARI, Old Goa, North Goa
2. Dr. Saritha M., Scientist, Division of Integrated Land Use Management & Farming System, Central Arid Zone Research Institute, Jodhpur

##### **Horticultural sciences:**

1. Dr. Brij Bihari Sharma, Division of Vegetable Research, IARI, New Delhi
2. Dr. Selvakumar R., Scientist, Horticulture, CITH, Srinagar (J&K)

##### **Agricultural Engineering:**

1. Dr. Prashant Sampatrao Deshmukh, Senior Scientist, ICAR-CIRCOT, Mumbai
2. Dr. Kale Sakhambari Jagan, Central Institute of Post-Harvest Engineering & Technology, Abohar Campus, Punjab



## **V: Bharat Ratna Dr. C. Subramaniam Award for Outstanding Teachers, 2017**

### **Awardees:**

#### **Crop & Horticultural Sciences**

Dr. Archana Sachdev, Principal Scientist, Division of Biochemistry, Indian Agricultural Research Institute, New Delhi

#### **Natural Resource Management & Agricultural Engineering**

Dr. Tapan Jyoti Purakayastha, Principal Scientist, Division of Social Science & Agricultural Chemistry, Indian Agricultural Research Institute, New Delhi

#### **Social Sciences**

Dr. Alka Singh, Professor & Principal Scientist, Division of Agricultural Economics, ICAR-Indian Agricultural Research Institute, New Delhi

## **VI: Panjabrao Deshmukh outstanding Women Scientist Award, 2017**

### **Awardees:**

#### **I Award (Shared):**

1. Dr. Shelly Praveen, Head & Principal Scientist, Division of Biochemistry, ICAR-Indian Agricultural Research Institute, New Delhi
2. Dr. Seema Jaggi, Principal Scientist and Professor (Agricultural Statistics), ICAR- Indian Agricultural Statistics Research Institute, New Delhi

#### **II Award (also Shared):**

1. Dr. Neeru Bhooshan, Incharge, Zonal Technology Management & Business Planning and Development Unit, Indian Agricultural Research Institute, New Delhi
2. Dr. P.S.Vimala Devi, Principal Scientist (Agricultural Entomology), ICAR-Indian Institute of Oilseeds Research, Rajendranagar, Hyderabad, Telengana

## **VII: NASI-ICAR Award for Innovation and Research on Farm Implements, 2017**

### **Awardees:**

1. Dr. Akhilesh Kumar Singh, Principal Scientist (FMP), ICAR-Indian Institute of Sugarcane Research, Lucknow, U.P.
2. Dr. Sukhbir Singh, Senior Scientist (FMP), ICAR-Indian Institute of Sugarcane Research, Lucknow, U.P.



### **VIII: Vasant Rao Naik Award for Research Application in Agriculture, 2017**

#### **Team Leader:**

Dr. M.S. Shisrahatti, Chief Scientist:

(AICRP for Dryland Agriculture, Region-1, Agricultural Research Station, Vijayapura under University of Agricultural Sciences, Dharwad, Karnataka)

#### **Associates:**

1. Mr. V.S. Surakod, Agronomist
2. Dr. S. T. Hundekar, Soil Scientist
3. Dr. Vijayakumar A. Giritamannavar, Plant Breeder
4. Dr. Vivek V. Angadi, Principal Scientist, Agronomy
5. Dr. S. B. Kalaghatagi, Professor & Head, College of Agriculture, Vijayapura
6. Dr. S.C. Alagundagi, Professor of Agronomy, UAS, Dharwad
7. Dr. S. B. Devaranavadi, Chief Scientist

### **IX: Fakhruddin Ali Ahmed Award for Outstanding Research in Tribal Farming Systems, 2017**

#### **Awardees:**

#### **Team 1:**

1. Dr. Narendra Prakash (Team Leader), ICAR Research Complex for NEH Region, Manipur Centre, Imphal
2. Dr. Subhra Saikat Roy (Associate), ICAR Research Complex for NEH Region, Manipur Centre, Imphal
3. Dr. Meraj Alam Ansari (Associate), ICAR Research Complex for NEH Region, Manipur Centre, Imphal
4. Dr. Sushil Kumar Sharma (Associate), ICAR Research Complex for NEH Region, Manipur Centre, Imphal

#### **Team 2**

1. Dr. Narendra Singh (Team Leader), Defence Research and Development Organization (DRDO), Defence Institute of High Altitude (DIHAR), Leh-Ladakh, (J&K)
2. Dr. Dorjay Angchuk (Associate), Defence Research and Development Organisation (DRDO), Defence Institute of High Altitude (DIHAR), Leh-Ladakh, (J&K)
3. Er. Sarfraz Nawaj (Associate), Defence Research and Development Organisation (DRDO), Defence Institute of High Altitude (DIHAR), Leh-Ladakh, (J&K)
4. Ms. Suman Tigga (Associate), Defence Research and Development Organisation (DRDO), Defence Institute of High Altitude (DIHAR), Leh-Ladakh, (J&K)



### **X: Swami Sahajanand Saraswati Outstanding Extension Scientist Award, 2017**

#### **Awardees:**

1) Dr. I. S. Tomar, Senior Scientist & Head, Rajmata Vijayaraje Scindia Krishi Vishwa Vidyalaya, Gwalior, Krishi Vigyan Kendra, Jhabua, M.P.

#### **2) Shared equally between:**

1. Dr. M. Kumaran, Principal Scientist (Agricultural, Extension), Social Science Division, ICAR-Central Institute of Brackish Water Aquaculture, Chennai, Tamil Nadu and;

2. Dr. D. R. Palsaniya, Senior Scientist, Agronomy, Crop Protection Division, Indian Grassland Fodder Research Institute” Jhansi. U.P

### **XI: ICAR Cash Awards, 2017**

#### **Awardees:**

#### **Administrative category**

1) Sh. Govind Prasad Sharma, Chief Finance and Accounts Officer. ICAR-Central Arid Zone Research Institute, Jodhpur, Rajasthan

2) Sh. Rajesh Kumar Jha, Under Secretary, Office of the Hon'ble Union Minister of Agriculture and Farmers Welfare, Krishi Bhawan, New Delhi

3) Sh. NVRN Murty, Finance and Accounts Officer, ICAR-ICAR-Central Institute of Freshwater Aquaculture, Bhubaneswar. Odisha

#### **Technical category:**

1) Dr. Ravi Kant, Assistant Chief Technical Officer, Animal Biochemistry Division, ICAR-National Dairy Research Institute, Karnal, Haryana

2) Sh. Devinder Singh, Technical Assistant (T-3), Division of Genetics, ICAR-Indian Agricultural Research Institute, New Delhi

3) Dr. Dhananjay Kumar Verma, Assistant Chief Technical Officer, Aquaculture Production and Environment Division, ICAR-Central Institute of Freshwater Aquaculture, Bhubaneswar, Odisha

4) Sh. Om Parkash, Technical officer, ICAR-Indian Institute of Wheat and Barley Research, Karnal, Haryana

#### **Supporting category**

1) Sh. B. Ashok, Skilled Support Staff National Academy of Agricultural Research Management, Hyderabad, Telangana

2) Sh. Aman Kumar, Skilled Support Staff, Indian of Wheat and Barley Research, Karnal, Haryana

### **XII: Award for Three Highest Ranked Universities:**

#### **Awardees:**

**Rank I: National Dairy Research Institute, Deemed University, Karnal**

**Rank II: Indian Agricultural Research Institute, Deemed University, New Delhi**

**Rank III: Guru Angad Dev Veterinary and Animal Science University, Ludhiana**



**NATIONAL ACADEMY OF AGRICULTURAL SCIENCES****NEW DELHI****Newly elected Fellows of the Academy w.e.f. January 1, 2019****Section I : Crop Sciences**

- |  |  |
|--|--|
| 1. <b>Dr. Ravish Chatrath</b>          | Principal Scientist & Principal Investigator, (Crop improvement), ICAR-Indian Institute of Wheat and Barley Research, Karnal, Haryana      |
| 2. <b>Dr. Swarup Kumar Parida</b>      | Staff Scientist IV, National Institute of Plant Genome Research (NIPGR), New Delhi   |
| 3. <b>Dr. Bakshi Ram</b>               | Director, ICAR-Sugarcane Breeding Institute, Coimbatore, T.N.  |
| 4. <b>Dr. Kunwar Harendra Singh</b>    | Principal Scientist (Genetics & Plant Breeding), ICAR-Directorate of Rapeseed Mustard Research, Sewar, Bharatpur, Rajasthan                |
| 5. <b>Dr. Raman Meenakshi Sundaram</b> | Principal Scientist (Biotechnology), Crop Improvement Section, ICAR-Indian Institute of Rice Research, Rajendranagar, Hyderabad, Telangana |
| 6. <b>Dr. Sudesh Kumar Yadav</b>       | Scientist-F, Center of Innovative and Applied Bioprocessing, Knowledge City, Mohali, Punjab  |

**Section II : Horticulture Science**

- |  |   |
|--|---|
| 7. <b>Dr. (Ms) Kambham Madhavi Reddy</b> | Principal Scientist, Division of Vegetable Crops, ICAR-Indian Institute of Horticultural Research, Bengaluru, Karnataka |
| 8. <b>Dr. Debasis Pattanayak</b>         | Principal Scientist, ICAR-National Research Centre on Plant Biotechnology, Pusa Campus, New Delhi                       |
| 9. <b>Dr. Arun Kumar Singh</b>           | Principal Scientist & Head, ICAR-Research Complex for Eastern Region, Research Centre Ranchi, Plandu, Ranchi, Jharkhand |

**Section III : Animal Sciences**

- |  |  |
|--|--|
| 10. <b>Dr. (Ms) Sushila Maan</b>         | Professor and Head, College of Veterinary Sciences, Lala Lajpat Rai University of Veterinary and Animal Sciences, Hisar, Haryana |
| 11. <b>Dr. Devendra Tarachand Mourya</b> | Director, National Institute of Virology, Pune, Maharashtra  |
| 12. <b>Dr. Bhupendra Nath Tripathi</b>   | Director, National Research Centre on Equines, Hisar, Haryana  |
| 13. <b>Dr. Amrish Kumar Tyagi</b>        | Head and Principal Scientist, Animal Nutrition Division, National Dairy Research Institute, Karnal, Haryana                      |

**Section IV : Fisheries Sciences**

- |                                  |  |
|----------------------------------|--|
| 14. <b>Dr. Basanta Kumar Das</b> | Director, ICAR-Central Inland Fisheries Research Institute, Barrackpore, Kolkata, W.B.   |
| 15. <b>Dr. Priyabrat Swain</b>   | Principal Scientist & ICAR National Fellow, ICAR-Central Institute of Freshwater Aquaculture, Kausalyaganga, Bhubaneswra, Odisha |

## Section V : Natural Resource Management

- |   |   |
|---|---|
| 16. <b>Dr. Anup Das</b>                 | Principal Scientist (Agronomy) & Head (I/c), Division of Crop Production, ICAR Research Complex for NEH Region, Agartala, Tripura |
| 17. <b>Dr. Tapas Kumar Das</b>          | Principal Scientist, Division of Agronomy, ICAR-Indian Agricultural Research Institute, New Delhi                                 |
| 18. <b>Dr. Pawan Kumar Joshi</b>        | Professor, School of Environmental Sciences, Jawaharlal Nehru University, New Delhi   |
| 19. <b>Dr. Tapan Jyoti Purakayastha</b> | Principal Scientist, Division of Soil Science and Agricultural Chemistry, Indian Agricultural Research Institute, New Delhi       |
| 20. <b>Dr. Dinabandhu Sahoo</b>         | Director, Institute of Bioresources and Sustainable Development (IBSD), Imphal, Manipur   |

## Section VI : Plant Protection

- |                                     |   |
|-------------------------------------|---|
| 21. <b>Dr. (Ms) Rashmi Aggarwal</b> | Head and Principal Scientist, Division of Plant Pathology, ICAR-Indian Agricultural Research Institute, New Delhi |
| 22. <b>Dr. Mukesh Kumar Dhillon</b> | Principal Scientist, Division of Entomology, ICAR-Indian Agricultural Research Institute, New Delhi               |
| 23. <b>Dr. Sunil Kumar Khare</b>    | Associate Dean (R&D) and Professor of Biochemistry, Indian Institute of Technology Delhi, New Delhi               |
| 24. <b>Dr. (Ms) Neera Singh</b>     | Principal Scientist, Division of Agricultural Chemicals, Indian Agricultural Research Institute, New Delhi        |

## Section VII : Agricultural Engineering and Technology

- |                                      |   |
|--------------------------------------|---|
| 25. <b>Dr. C. Anandharamkrishnan</b> | Director, Indian Institute of Food Processing Technology, Thanjavur, T.N.                             |
| 26. <b>Dr. Krishna Pratap Singh</b>  | Principal Scientist, AMD, ICAR- Central Institute of Agricultural Engineering, Nabibagh, Bhopal, M.P. |

## Section VIII : Social Sciences

- |  |   |
|--|---|
| 27. <b>Dr. Akhilesh Chandra Kulshreshtha</b> | Former Addl. DG, Central Statistical Organisation, Flat No. 802, Plot No. 15, New Rashtriya, Sector 18-A, Dwarka, New Delhi |
| 28. <b>Dr. Ranjay Kumar Singh</b>            | Principal Scientist (Agricultural Extension), ICAR-Central Soil Salinity Research Institute, Karnal, Haryana                |

## Foreign Fellows

- |                                    |   |
|------------------------------------|---|
| 29. <b>Dr. Abdelbagi M. Ismail</b> | Principal Scientist, (IRRI) Representative for Africa; Leader, Stress-Tolerant Rice for Africa and South Asia, Nairobi, Kenya |
| 30. <b>Dr. Hosahalli Ramaswamy</b> | Professor, Department of Food Science, McGill University, Canada  |



## NATIONAL ACADEMY OF AGRICULTURAL SCIENCES

NEW DELHI

### Newly selected Associates of the Academy w.e.f. January 1, 2019

	Name	Affiliation
1.	<b>Dr. Rajib Deb</b>	Scientist (SS), Division of Cattle Genetics and Breeding, ICAR-Central Institute for Research on Cattle, Meerutcantt, Haryana
2.	<b>Dr. Bheemanna Somanna Gotyal</b>	Scientist, Division of Crop Protection, Central Research Institute for Jute and Allied Fibres, Barrackpore, Kolkata, W.B.
3.	<b>Dr. Prem Lal Kashyap</b>	Scientist, ICAR-Indian Institute of Wheat and Barley Research, (IIWBR), Karnal, Haryana
4.	<b>Dr. Neeraj Kumar</b>	Scientist, ICAR-National Institute of Abiotic Stress Management, Baramati, Pune, Maharashtra
5.	<b>Dr. C.O. Mohan</b>	Senior Scientist, ICAR-Central Institute of Fisheries Technology, Cochin, Kerala
6.	<b>Dr. (Ms) B. Parameswari</b>	Senior Scientist (Plant Pathology), ICAR-Sugarcane Breeding Institute Regional Centre, Karnal, Haryana
7.	<b>Dr. Ashok Kumar Parihar</b>	Scientist (Sr Scale), ICAR-Indian Institute of Pulses Research, Kanpur, U.P.
8.	<b>Dr. Ravi Ranjan</b>	Senior Scientist, Animal Physiology and Reproduction Division, ICAR-Central Institute for Research on Goat, Mathura, U.P.
9.	<b>Dr. (Ms) Sarika</b>	Senior Scientist, Centre for Agricultural Bioinformatics, ICAR-IASRI, Pusa, New Delhi
10.	<b>Dr. Salej Sood</b>	Scientist (SS), Crop Improvement Division, ICAR-Central Potato Research Institute, Shimla, H.P.

**List of Faculty with Ph.D. degree from a university outside of the state where employed**

S No	First Name	Mid Name	Last Name	Subject Discipline	PhD obtained from
1.	Raj		Singh	AGRONOMY	Visva Bharti Shanti Niketan
2.	HARSH	KUMAR	DIKSHIT	GENETICS	G B P U A & T, Pantnagar
3.	JYOTI		KAUL	Crop Improvement	PAU, Ludhiana
4.	KISHAN		SWAROOP	F&LS IARI	RBS College, Bichpuri, Agra University
5.	HARBIR		SINGH	Division of Agricultural Economics	NDRI, Karnal
6.	RAKESH	KUMAR	SHARMA	ENTOMOLOGY	Rajasthan University
7.	PROBIR	KUMAR	GHOSH	soil physics	GBPUA&T pantnagar
8.	RAJBIR		YADAV	GENETICS	CCS HAU, Hisar
9.	AWTAR		SINGH	Plant Breeding	CCS Haryana Agri. University, Hisar
10.	VISHNU		BHAT	crop imprvement	FOREST RES. INST. DEHRADUN
11.	BRAHMA	SWAROOP	DWIVEDI	SOIL SCIENCE	CSAUA&T Kanpur
12.	VINOD	KUMAR	SINGH	Sustainable Resource Mgmt.	GBPUA&T Pantnagar
13.	RAM		ASREY	horticulture crop processing division	csauniv of agril Kanpur
14.	DINESH		SINGH	PLANT PATHOLOGY	BHU Varanasi
15.	Mrityunjai	Kumar	Singh	CPD	Shizuoka University, Hamamatsu, Japan
16.	SHRI		DHAR	VEGETABLE SCIENCE	GBPUA&T Pantnagar
17.	RAM	KUMAR	SHARMA	GENETICS	GBPUA&T Pantnagar
18.	RANJAN		BHATTACHARYY A	Crop Production Division	University of Wolverhampton
19.	MAHENDER	SINGH	SAHARAN	Crop Protection	CCSHAU, Hisar
20.	NAI PAL	SINGH	YADUVANSHI	Soil Science and Agricultural Chemistry	Meerut University, Meerut
21.	JYOTI	RANJAN	MISHRA	KVK Sathapur	GBPUA&T, Panthnagar
22.	AMAL		GHOSH	Agronomy	BCKV, WB
23.	OM		PRAKASH	CSWRTI, RC, DATIA	NDRI, Karnal
24.	AMRENDER		KUMAR	Agricultural Knowledge Management Unit	M. D. Uiversity
25.	RAM	ROSHAN	SHARMA	Division Of Fruit & Hort. Technology	CCS, Meerut

26.	MANISH		SRIVASTAV	Fruits & Horticultural Technology	G.B.P.U.A & T, Pantnagar
27.	RAJENDRA		SINGH	Soil chemistry	C.C.S. University Meerut
28.	AJIT	RAM	SHARMA	ICAR-Directorate of Weed Research	Indian Institute of Technology , Kharagpur
29.	YASHBIR	SINGH	SHIVAY	Division Of Agronomy APMI CELL	G.B.Pant Univ. Of Agril. & Tech. Pantnagar
30.	SIBA	PRASAD	DATTA	SOIL SCIENCE & AGR CHEMISTRY	IIT KHARAGPUR
31.	ANUPAMA		MANN	Agricultural Chemicals	M D University
32.	NEERA		SINGH	Ag. Chemicals	Utkal University
33.	LATA			Microbiology	G B Pant University of Agri and Technology, Pantna
34.	KALIDINDI		USHA	F&HT	UAS, Bangalore
35.	SANJAY	KUMAR	SINGH	Fruits and Horticultural Technology	Banaras Hindu University
36.	RASHMI		SINGH	AGR EXTENSION IARI	DR AMBEDKAR UNIV AGRA
37.	BHUPINDER		SINGH	NRL	PU, Chandigarh
38.	SATBIR	SINGH	SINDHU	CPCT	HAU
39.	ANJANI	KUMAR		KVK KISHOHPUR GURGAON	HAU
40.	VIRENDRA	KUMAR	BARANWAL	PLANT VIROLOGY UNIT	Lucknow University
41.	JAGDISH	PRASAD	SHARMA	Agricultural Extension Division	IIT
42.	SIVASAMY		MURUGASAMY	RS WELLINGTON	TNAU
43.	SHIV	KUMAR	YADAV	Seed Science and Technology	CCS, HAU, Hisar, Haryana
44.	DEVENDRA	KUMAR	YADAV	genetics	ccs havhisar
45.	SANJAY		KUMAR	GENETICS	G B PANT UNIV
46.	RANJEET	SHARAD	RAJE	GENETICS	J N K V V JABALPUR
47.	KANHAIYA		SINGH	FRUIT AND HORTICULTURE TECHNOLOGY	b h u varanasi
48.	NEELU	JAIN		genetics	CCSHAU HARYANA
49.	DINESH	KUMAR	SHARMA	environment sciences	ccs univmeerut
50.	KUMAR	KANT	SINGH	DIVISION OF SEED SCIENCE & TECHNOLOGY	CCSU MEERUT

51.	RAVEENDR A	NAGAPPA	GADAG	GENETICS	<b>COUNCIL OF AUSRIGSIM INST MOL GEN MOSCOW</b>
52.	GYANENDR A		SINGH	Crop Improvement Division	<b>CCS University, Meerut</b>
53.	CHELLAPILL A		BHARDWAJ	genetics	<b>JNKVV JABALPUR</b>
54.	AJAY		ARORA	Plant Physiology	<b>MEERUT UNIV</b>
55.	AKSHAY		TALUKDAR	GENETICS	<b>SOUTH CHAINA UNIV</b>
56.	CHITRA		SRIVASTAVA	entomology	<b>ALLAHBAD UNIV</b>
57.	KIRTI		SHARMA	ENTOMOLOGY	<b>RAJASTHAN UNIV</b>
58.	SANJAY	KUMAR	LAL	GENETICS	<b>INST OF AGRI SCI BANARAS HINDU UNIV VARANASI</b>
59.	SANTOSH		KUMARI	PLANT PHYSIOLOGY	<b>H A U HISAR HARYANA</b>
60.	GERARD		ABRAHAM	CCUBGA	<b>BANARAS HINDU UNIV</b>
61.	JAYANTHI		MADHAVAN	Division of Floriculture and Landscaping	<b>MSSRF</b>
62.	RITU		JAIN 10802	FLORICULTURE AND LANDSCAPING	<b>Dr Y S Parmar University of Horticulture and Forestry , NauniSolani, HP</b>
63.	MAHESH	CHAND	MEENA	SSAC IARI	<b>ANAND AGRI UNIV, ANAND, GUJARAT</b>
64.	NARESH	KUMAR	SOORA	ENVIRONMENT AL SCIENCES	<b>BANARAS HINDU UNIV</b>
65.	K K VINOD			RS ADHUTARAI IARI	<b>TAMIL NADU AGRICULTURAL UNIVERSITY, COIMBATORE</b>
66.	Virendra	Singh	Rana	Ag. Chemicals	<b>H.N.B.GarwalUni.Srinaagar, Uttaranchal</b>
67.	Satyapriya			Social Science Division	<b>B.H.U.</b>
68.	Ambika		Rajendran	NA	<b>Tamilnadu agriculture Coimbatore</b>
69.	Diwakar		Bahukhandi	PLANT PATHOLOGY	<b>HNB Garhwal University</b>
70.	Amit	Kumar	Goswami	FHT	<b>GBPUA&amp;T, Pantnagar</b>
71.	Pranita		Jaiswal	NULL	<b>BHU</b>
72.	Naresh	Kumar	Bainsla	GENETICS	<b>CCSHAU,Hisar.</b>
73.	PRADEEP	KUMAR	SINGH	GENETICS	<b>INDIRA GANDHI KRISHI VISHWA VIDYALAYA RAIPUR C G</b>
74.	ARCHANA		SINGH	BIO-CHEMISTRY	<b>LUCKNOW UNIV</b>
75.	Pratibha		Joshi		<b>GBPUAT, Pantnagar</b>

76.	PRAVEEN	KUMAR	SINGH	Seed Production Centre, Sargatia	<b>Dr. BRA Agra University, Agra</b>
77.	Rajiv	Kumar	Singh	NA	<b>Dr.B.R.A.University, Agra</b>
78.	MANJEET	SINGH	NAIN	agri extension	<b>GBPUA&amp;T PANT NAGAR</b>
79.	Navinder		Saini		<b>CCSHAU Hisar</b>
80.	MANISHA		MANGAL	Division of Vegetable Science,	<b>DR.yspuhf,solan</b>
81.	Nimisha		Sharma	NA	<b>SKRAU Bikaner Rajasthan</b>
82.	GOVIND	PRATAP	RAO	PLANT PATHOLOGY	<b>GORAKHPUR UNIV</b>
83.	DHARMENDRA		SINGH	GENETICS	<b>Knpuruniv</b>
84.	SUMER	PAL	SINGH	GENETICS	<b>GBPUAT PANT NAGAR</b>
85.	MUKESH	KUMAR	DHILLON	ENTOMOLOGY	<b>CCSHAU Hisar</b>
86.	TAPAS	RANJAN	DAS	RS PUSA BIHAR	<b>OUAT, BHUBANESHWAR</b>
87.	Ganapati		Mukri		<b>UAS Dharwad</b>
88.	Babita		Singh	Directorate of Floricultural Research	<b>gbpua&amp;t,pantnagar</b>
89.	Babita		Singh	Directorate of Floricultural Research	<b>GBPUA&amp;T,PANTNAGAR</b>
90.	Krishan	Pal	Singh	NULL	<b>CCS UNIVERSITY MEERUT</b>
91.	ANITA	CHAUDHARY		Environmental Sciences	<b>Punjab University</b>
92.	MANOJ		KHANNA	WATER TECH CENTRE/FOSU	<b>UNIV OF MELBOURNE</b>
93.	RAGHU	NATH	PANDEY	SOIL SCIENCE & AGR CHEMISTRY	<b>GBPUA&amp;T</b>
94.	SHIVADHAR		SINGH	CECRA	<b>CRRRI</b>
95.	AMIT		KAR	Division Of Agril. Economics	<b>Indian Institute Of Technology</b>
96.	ALKA		SINGH	Division Of Agricultural Economics	<b>G.B.Pant Univ. Of Agril. &amp; Tech., Pantnagar</b>
97.	VIRENDRA	PAL	SINGH	Division Of Plant Physiology	<b>Meerut Univ.</b>
98.	ANIL		KHAR	Division of Vegetable Science	<b>CCSHAU, HISAR</b>
99.	DWIJENDRA		BARMAN	HORTICULTURE	<b>BCKV, West Bengal</b>
100.	ZAKIR		HUSSAIN	VEGETABLE SCIENCE	<b>CCS, HAU, Hissar</b>

101.	SHIV	PRATAP	SINGH	AGRICULTURAL ENGINEERING	<b>MPUAT, Udaipur</b>
102.	ARCHANA	U	SINGH	NEMATOLOGY	<b>PH. D. NEMATOLOGY</b>
103.	SHIVA DHAR			agronomy	<b>GBPUA&amp;T, PANTNAGAR</b>
104.	YUDH	VIR	SINGH	unit of bga	<b>BCKV MOHANPUR WB</b>
105.	NAGARAJAN		MARIAPPAN	RS ADHUTARAI	<b>JAI NARAYAN UNIVERSITY JODHPUR</b>
106.	ARREMSETTY	SUBRAMANYAM	HARI PRASAD	DIVISION OF GENETICS	<b>OSMANIA UNI HYDERABAD AP INDIA</b>
107.	RAJ		KUMAR	rskarnal	<b>CCSU MEERUT</b>
108.	RAMESH	KUMAR	YADAV 10828	VEG SCIENCE	<b>GBPUAT, Pantnagar</b>
109.	JAGANNATH	PRASAD	SINHA	IARI RS KARNAL	<b>Punjab Agricultural University</b>
110.	ANIL	KUMAR	DUBEY	FRUITS & HORTICULTURAL TECHNOLOGY	<b>C.S.A. KANPUR U.P.</b>
111.	MRS RAJ		VERMA	PLANT PATHOLOGY	<b>RAJASTHAN UNIV.</b>
112.	SUNIL	KUMAR	SHARMA(Dup)	REGIONAL STATION, PUNE	<b>G.B.P.U.A&amp;T, PANT NAGAR</b>
113.	SANGEETA		KHETARPAL 11007	plant physiology	<b>CCSU MEERUT</b>
114.	P		NALLATHAMBI	Plant Pathology	<b>RAJASTHAN AGRI COLLEGE</b>
115.	SHAILESH		TRIPATHI	GENETICS	<b>GBPANT, PANTNAGAR</b>
116.	SHALINI	GAUR	RUDRA	PHT	<b>SLIENT PUNJAB UNIV</b>
117.	MONIKA	ATUL	JOSHI	SS&T	<b>PAU, LUDHIANA</b>
118.	AWANI	KUMAR	SINGH	VEG. SCI. CPCT	<b>AGRA UNIV</b>
119.	KIRAN	BAPUSAHEB	GAIKWAD	GENETICS	<b>PUNJAB AGRI. UNIV.</b>



120.	P. ANBUKANI			AGRI ECONOMICS	<b>NDRI KARNAL HARYANA</b>
121.	DEEBA		KAMIL	PLANT PATHOLOGY	<b>BANARAS HINDU UNIV</b>
122.	NISHI		SHARMA	CATAT	<b>CCS UNIV MEERUT</b>
123.	ASHWANI		KUMAR	R.S. Karnal, Haryana	<b>CCS HAU HISSAR</b>
124.	ANIL	KUMAR	CHOUDHARY	AGRONOMY	<b>CSK HPKV PALAMPUR HP</b>
125.	RAMANJIT	KAUR	RANDHAWA 10971	AGRONOMY	<b>PAU LUDHIANA</b>
126.	UMAKANTA		BEHERA	agronomy	<b>OUAT BHUBNESHWAR</b>
127.	Sunanda		Biswas	SOIL SCIENCE AND AGRICULTURAL CHEMISTRY	<b>BCKV</b>
128.	RADHA	MOHAN	SHARMA	Division of Fruits & Horticultural Technology	<b>Dr.YSPUHF, Solan</b>
129.	LAKSHMAN		PRASAD	Ag. Chemicals	<b>GB PANT UNIV OF AGRI &amp; TECH., PANTNAGAR</b>
130.	INDU		CHOPRA	Ag. Chemicals	<b>CCS HAU HISAR</b>
131.	SAGAR		D.	Entomology Division	<b>UAS Dharwad</b>
132.	MANOJ		SHRIVASTAVA	cescra,IARI	<b>Univ. of Mumbai</b>
133.	SARBASIS		CHAKRAVORTY	atic, iari	<b>BHU</b>
134.	TIMMANNA			p	<b>UAS GKVIK BANGLORE</b>
135.	Veerubommu		Shanmugam	PLANT PATHOLOGY	<b>Tamil Nadu Agricultural University</b>
136.	RAJENDER		KUMAR	WTC	<b>PAU</b>
137.	RUMA		DAS	SOIL SCIENCE AND AGRICULTURAL CHEMISTRY	<b>bckv</b>
138.	SHRILA		DAS	SOIL SCIENCE AND	<b>GN PANT UAT</b>

				AGRICULTURAL CHEMISTRY	
139.	Yvonne	Angel	Lyngdoh	Division of Vegetable Science	<b>Bidhan Chandra Krishi Viswavidyalaya</b>
140.	Himani		Bisht	WTC	<b>G.B. Pant University of agriculture and technology, Pantnagar</b>
141.	SEEMA		SANGWAN	DIVISION OF MICROBIOLOGY	<b>NDRI, Karnal</b>
142.	SANDEEP		KUMAR	RS KATRAN	<b>Dr YS Parmar UHF, Nauni, Solan, HP</b>
143.	NATASHA		GURUNG	RS KALIMPONG	<b>BCKV WEST BENGAL</b>
144.	SITARAM			DIVISION OF AGRICULTURAL EXTENSION	<b>NDRI, KARNAL</b>
145.	BHAGYASREE		S.N.	Entomology Division	<b>UAS GKVK, bengaluru</b>
146.	VANLALRATI			FLORICULTURE	<b>BCKV</b>
147.	ONKAR	NATH	TIWARI	MICROBIOLOGY	<b>UNIV. OF ALLAHABAD</b>
148.	NEPOLEAN		THIRUNAVUKKARASU	Genetics	<b>TAMILNADU AGRICULTURE UNIVERSITY</b>
149.	RAJ		VERMA	Div. of Mycology and Plant Pathology	<b>Rajasthan University</b>
150.	SUNIL	KUMAR	SHARMA	Reg. Station, Pune	<b>G B Pant University of Agri and Technology, Pantna</b>
151.	RAJ	KUMAR		IARI Regional Station, Katrain	<b>BHU</b>
152.	ARUN	KUMAR	SHUKLA	IARI Regional Station, Shimla	<b>BHU, Vanarasi</b>
153.	DHARAM	PAL	WALIA	RS TutiKandi Shimla	<b>HPKV, Palampur</b>
154.	MADHU		PATIAL	RS AMARTARA SHIMLA	<b>CSKHPKV, PALAMPUR</b>
155.	RAJ	KUMAR		Regiuonal Station	<b>Ch. Charan Singh univ. Meerut</b>
156.	ANUJA		GUPTA	Seed Pathology	<b>KurukshetraUniv</b>
157.	NEELAM	KUMAR	CHOPRA	Regional Station	<b>CCS Univ, Meerut</b>

158.	NISHA	KANT	CHOPRA	Regional Station	<b>CCS univ. Meerut</b>
159.	VINOD	KUMAR	PANDITA	IARI, RS	<b>Univ. Of Hort. &amp; Forestry , Solan (HP)</b>
160.	RAVINDER		KUMAR	RS KALIMPONG	<b>GBPUA&amp;T</b>
161.	RAKESH		SETH	Regional Station , Karnal	<b>HAU, Hissar</b>
162.	SURESH	CHAND	RANA	Horticulture	<b>CCSHAU, Hissar</b>
163.	KAILASH	CHANDRA	SHARMA	Grassland & Fodder Agronomy Section	<b>Dr. B R A University</b>
164.	ANIL	KUMAR	SINGH	IARI REGIONAL ST INDORE	<b>NDRI</b>
165.	RAHUL	MADHAVR AO	PHUKE	RS INDORE	<b>PJ TSAU, HYDERABAD</b>
166.	JAGDISH		KUMAR	RS WELLINGTON	<b>Dr YSPU HBF, Solan</b>
167.	Natarajan		Sarangapany		<b>TNAU, Coimbatore</b>

## List of Faculty from the state other than the state in which university situated

S No	FirstName	MidName	LastName	Subject Division	Permanent Address	Permanent City
1.	MAHENDER	SINGH	SAHARAN	Crop Protection	Vill. Kherak Pandwa	Kathal
2.	NAI PAL	SINGH	YADUVANSHI	Soil Science and Agricultural Chemistry	Vill. Marhara, P.O. Jhajhar	Gautam Budh Nagar
3.	JYOTI	RANJAN	MISHRA	KVK Sathapur	C/O Prof Parmod Kumar Mishra	Baripada
4.	BALASUBRA MANIAN		RAMAKRISHNAN	Soil Science and Microbiology	35, Thadiveeran Koil Street	Tirunelveli
5.	PRAMEELA		KRISHNAN	PHYSICS	PLOT NO 6 ELKE SURESH NAGAR VALASARAWAKK AM	CHENNAI
6.	AMAL		GHOSH	Agronomy	C/o H S Ghosh, Kharar	Midnapore (W)
7.	OM		PRAKASH	CSWRTI, RC, DATIA	Ram Babu Soni 182 / 18 , Tigaliya	Datia
8.	AMRENDER		KUMAR	Agricultural Knowledge Management Unit	Vill and P.O. Sarouni, Via Maheshi	Saharsa
9.	NIRUPAMA		DUBEY	DIV OF BIOCHEMISTRY	B-29110, LANKA	VARANASI
10.	RAM	ROSHAN	SHARMA	Division Of Fruit & Hort. Technology	VPO. Raili Jajri Via Chakmoh	Hamir Pur
11.	DHARAM	RAJ	SINGH	Forecasting and Econometrics Techniques	P.O. Chhaprauli, Patti Dhandhan, Arya Nagar	Chhaprauli,
12.	MANISH		SRIVASTAV	Fruits & Horticultural Technology	Mohalla - Pikaura Dattoo Rai Po. Gandhi Nagar	Basti
13.	RAJENDRA		SINGH	Soil chemistry	C-21/A-1 SHALIMAR GARDEN EXT II	SAHIBABAD
14.	AJIT	RAM	SHARMA	ICAR-Directorate of Weed Research	Village Guryah, PO Galore, District Hamirpur	Hamirpur
15.	YASHBIR	SINGH	SHIVAY	Division Of Agronomy APMI CELL	Vill. Fuldehra Po. Simbhaoli	Ghaziabad
16.	SIBA	PRASAD	DATTA	SOIL SCIENCE & AGR CHEMISTRY	VILL & PO RASULPUR	BURDWAN
17.	DIPAK	RANJAN	BISWAS	Soil Science and Ag. Chemistry	PO & VIL BHIMPUR DIS NADIA	KRISHNA NAGAR
18.	TAPAS	KUMAR	DAS 10499	Division Of Agronomy	Vill. Banshdaha Po. Nalbona Dist. Midnapore	C.K.Road
19.	AMRENDRA	KUMAR	MISHRA	USI,LBS,IARI	At - Kauaha Po. Manguraha	East Champaran
20.	SHASHI	BALA	SINGH	Ag. Chemicals	Vill Norojpur	Baghpat
21.	DHIRENDRA	KUMAR	SINGH	Water Technology Centre	V & Po. Baghaura	Mirzapur

22.	LIVLEEN		SHUKLA 10605	MICROBIOLOG Y DIVISION	VILL KOHALI DISTT AMRITSAR	AMRITSAR
23.	DOLLY	WATTAL	DHAR 10432	MICROBIOLOG Y	223F TALAB TILLOO AKHNOOR CANAL ROAD	JAMMU TAWI
24.	ANNAPURNA		KANNEPALLI	Microbiology	15-15-16, Budhavarapu Gardens	Vishakapatnam
25.	MAM	CHAND	SINGH 10597	FLORICULTUR E & LANDSCAPING	VILL DHALNA PO KHANPUR	BULANSHAHA R
26.	IRANI		MUKHERJEE	Ag. Chemical	188/32A Prince Anwar Shah Road , Lake Garden	Kolkata
27.	RADHA		PRASANNA	NCCUBGA	41 NEW NO 50 FOURTH TRUST CROSS STR MV PAKKAM	CHENNAI
28.	KALIDINDI		USHA	F&HT	B-60, DAYAL NAGAR, VISALAKSHI NAGAR	VISHAKHAPA TNAM
29.	SANJAY	KUMAR	SINGH 10592	Fruits and Horticultural Technology	Vill. Bandhubarwa, P.O. Ramgarhwa	E. Champaran
30.	SHYAMAL	KUMAR	CHAKRABARTY	Seed Sci. and Tech	Vill and P.O. Chanak, Dist Burdwan	Burdwan
31.	VIDYA	RAM	SAGAR 10453	DIV OF POST HARVEST TECHNOLOGY	VILL BAJANI PO KAURARA BUZURG	FIROZABAD
32.	ARUN		KUMAR M.B 10744	Seed Science and Technology	919/2A-11, Renuka Nilaya, K.B. Extension	Davangere
33.	BIKASH		MANDAL	Plant Pathology	Banipur	Banipur
34.	RENU		PANDEY	Plant Physiology	Jiagabru, Via: Missamari,	Sonitpur
35.	BHUPINDER		SINGH	NRL	3901/1, sec-47 d	chandigarh
36.	SATBIR	SINGH	SINDHU 10461	CPCT	VPO JAI SINGH PURA DISTT	KARNAL
37.	PARIMAL		SINHA	Plant Pathology	Vill. Palita po Bakla	Cooch Behar
38.	NIVETA		JAIN	Env. Sci.	H.no 7 Purana Bazar	Kairana
39.	ABHIJIT		KAR	PHT	AT/PO Sastrinagar, Behrampur	Distt. Ganjam
40.	ANJANI	KUMAR	10716	KVK KISHOHPUR GURGAON	VPO PANCHAGACHHIA	SAHARSA
41.	SUBHENDU		BHADRARAY	Soil Science and Ag. Chemistry	Olaichanditala, Deulpara	Naihati
42.	JAYASHREE	JAYARA MAN	GOPALKRISHAN	Plant Pathology	27 Mahalakshmi Stree , Block 1/D East	Chennai
43.	PRAMOD	KUMAR	SHARMA	Agricultural Engineering	S/O Ram Swaroop Sharma, KayasthaPara	Dholpur
44.	ANILABHA	DAS	MUNSHI	DIV OF VEGETABLE CROPS	3/24 SETH BAGAN ROAD	CALCUTTA
45.	JAGDISH	PRASAD	SHARMA	Agricultural Extension	3/69 Sec 5 Rajender Nagar	Sahibabad

				Division		
46.	SIVASAMY		MURUGASAMY 10603	RS WELLINGTON	7/181-01,Tharaemi, Jagathala, Aruvangadu (PO)	Coonoor
47.	SIVASAMY		MURUGASAMY 10603	RS WELLINGTON	7/181-01,Tharaemi, Jagathala, Aruvangadu (PO)	Coonoor
48.	SHIV	KUMAR	YADAV	Seed Science and Technology	Vill. & P.O Mandola	Rewari
49.	KANCHIKERI	MATH	MANJIAH	Nuclear Research Lab	Punabhaghatta , Harapanahalli	Davangere
50.	INDRA	MANI	MISHRA	Agricultural Engineering	1601, Civil Lines-2, Nr. Rly Bridge,	Sultanpur
51.	SHIV		PRASAD 10583	Environmental Sciences	Vill. Gaurakhass po Jakhnian	Gazipur
52.	HARI	LAL	KUSHWAHA	Divisional Agricultural Engineering	S.o Sh. Baijnath Prasad Vill.: Dhirjoot, Post: Chauja H.Post: Jakhnian	Ghazipur
53.	Raj		Singh	AGRONOMY	vill. Chhachh Rauli bhokarerri	Muzzaffar Nagar
54.	HARSH	KUMAR	DIKSHIT 10741	GENETICS	MIG 28, BARRA-1, Hement Vihar-1	Kanpur
55.	JYOTI		KAUL	Crop Improvement	363 Ground floor AE (Main)	Faridabad (HR)
56.	HARBIR		SINGH	Division of Agricultural Economics	Village- Khizarpur Post. Lisarh	Muzaffarnagar
57.	PROBIR	KUMAR	GHOSH	soil physics	vill. kumarpur po. bhagirahpur	behrapore
58.	A		NAGARAJA	Horticulture	9/28, Thirumalapuram, Panpozhi P. O. Shencottah	Tirunelveli
59.	RAJBIR		YADAV 10794	GENETICS	V-Jiwra, P.O. Ashyaki Gorawas	Rewri
60.	AWTAR		SINGH	Plant Breeding	Vill. Tatka, P.O. Bodla Via Pipli, Kurukshetra	Kurukshetra
61.	KHAJANCHI		LAL	Soils & Crop Management	D-24, CSSRI	Karnal
62.	SHRI		DHAR	VEGETABLE SCIENCE	Village & Post Office- Kolana	Mirzapur
63.	RAM	KUMAR	SHARMA 10747	GENETICS	Sardaro Wali Haweli, Near Ganga Talkies , Upper Ro	Hardwar
64.	PRAMOD	KUMAR	10778	Crop Improvement Division	Vill & Po. Bahadurpur	Muzaffarnagar
65.	RANJAN		BHATTACHARYY A 10928	Crop Production Division	Vill Ujan Po Akna Via Pingla	Midnapur
66.	NAVED		SABIR	Environment Unit	16, Qureshian PO. Sikandra Rao	Hathras
67.	DEB	KUMAR	DAS	ENVIRONMENT UNIT/ PHYSICS	25 Lalit Mitra Lane, Shyam bazar	Kolkata
68.	VISHNU		BHAT	crop imprvement	C/O ,S.V. BHAT,POST:KUJA LLI TALUK:KUMTA,U TTAR KANN	UTTAR KANNADA
69.	BRAHMA	SWAROO P	DWIVEDI	SOIL SCIENCE	Vill. Tahsipur PO. Barauli, Dist, Kannauj	Kannauj

70.	VINOD	KUMAR	SINGH	Sustainable Resource Mgmt.	Vill. Lalpur , Po. Pipari	Azamgarh
71.	RAM		ASREY	horticulture crop processing division	RAM ASREY	TIRWA
72.	DINESH		SINGH	PLANT PATHOLOGY	Lalapur ,Bilara Patehara	Mirzapur
73.	Mrityunjai	Kumar	Singh	CPD	Vill& Post, Khejuri	Ballia
74.	RABINDRA	NATH	PADARIA	Agril. Extension	C/o Dr. PP Sinha , Cold Storage Colony	Sabour
75.	RAJEEV		KAUSHIK	MICROBIOLOGY	Vill Po Kotkasim	Alwar
76.	SUBHASH		CHANDER	entomology	Karohta po Karohta	Hamirpur
77.	KANWAR	PAL	SINGH 10546	DIV OF FLORICULTURE AND LANDSCAPING	VILL KHARKHARIE PO KHARKHAUDA	MEERUT
78.	KALIKINKAR		BANDYOPADHYAY 10905	AGRI PHYSICS	PLOT NO. 506 (SADHAN TEERTHA), NAYAPALLI	BHUBANESWAR
79.	KAJAL	KUMAR	BISWAS	INCHARGE, RS KALIMPONG	OLD BARAHAM PUR ROAD	NADIA
80.	DEVENDRA	KUMAR	YADAV 10753	genetics	vil chandawas	rewari
81.	SANJAY		KUMAR 10564	GENETICS	262 A P COLONY	GAYA
82.	SITA	RAM	KANTWA	rs indore	vil-hirnoda	jaipur
83.	BIDISHA	BANERJEE	CHAKRABARTI 10761	ENVIRONMENTAL SCIENCE	26 SARKARLANE	KOLKATA
84.	DEBASHIS		CHAKRABERTY	agr. physics	66, SHREE, HOOGHLY	HOOGALY
85.	RANJEET	SHARAD	RAJE 10789	GENETICS	1 ALOK NAGAR ADHARTAL	JABALPUR
86.	ROBIN		GOGOI	PLANT PATHOLOGY	HOLOGURI VIL,	SIVASAGAR
87.	KANHAIYA		SINGH	FRUIT AND HORTICULTURE TECHNOLOGY	VIL- UKANI BIRAM RAI	CHANDAULI
88.	TARA	SATYAVATHI	C	GENETICS	204, Doctors Plaza, Kothapet, Guntur - 522 001	Guntur
89.	BISHWAJEET		PAUL	ENTOMOLOGY	11/A SCHOOL ROAD LANE A	PARGANAS NORTH
90.	NEELU	JAIN	10764	genetics	tara chand bhawan, bawal road	REWARI
91.	FIROZ		HOSSAIN 10775	GENETICS	B-2/99 KATYANI	NADIA
92.	DINESH	KUMAR	SHARMA 10577	environment sciences	SIKANDRABAD	SIKANDRABAD
93.	KUMAR	KANT	SINGH 10599	DIVISION OF SEED SCIENCE & TECHNOLOGY	vil sikahara	etah
94.	BHOOPAL	SINGH	TOMAR	SPU IARI	VIL MAHABOTPUR PO- BABLI	BAGPAT
95.	RAJENDRA		SINGH	GENETICS	PATTI-AZLAN VIL KIRTHAL	BAGHPAT
96.	RAVEENDRA	NAGAPPA	GADAG 10502	GENETICS	PO HEBSUR, HUBLI	DHARWAD
97.	SUDHIR	KUMAR	JAIN	SEED SCIENCE	D 34 SECR 36	NOIDA

				& TECHNOLOGY		
98.	GYANENDRA		SINGH	Crop Improvement Division	Vill & PO. - Bhawanipur, Anogi	Kannouj
99.	CHELLAPILLA		BHARDWAJ 10797	genetics	B 21 DAYAL NAGAR, POLICE QRTS	VISHAKHAPA TNAM
100.	AJAY		ARORA	Plant Physiology	D 269 SEC 11	FARIDABAD
101.	AKSHAY		TALUKDAR 10786	GENETICS	VIL KATAKIYA, GHOGRAPAR	NALBARI
102.	SANDEEP	KUMAR	LAL	SEED SCIENCE & TECHNOLOGY	VIL NIAMATPUR	SAHARAN PUR
103.	SANJOY	KUMAR	BANDYOPADHY AY	ENVIRONMENT AL SCIENCES	BARAKALI TOLA	BANKURA
104.	RAKESH		PANDEY	PLANT PHYSIOLOGY	6/349 KALAWATI COLONY NAWABI ROAD	HALDWANI
105.	MURTAZA		HASAN	CPCT	DILAERPUR KALITAZIA ROAD	MUNGER
106.	GIRISH	KUMAR	JHA	ECONOMICS	VIL MACHHAILA	DARBHANGA
107.	RABI	NARAYAN	SAHOO	physics	C/O PADMANAV, RATANPUR	DELANG
108.	GERARD		ABRAHAM	CCUBGA	PUTHENKANDATH IL, PALLIPURAM	ERNAKULAM
109.	VINOD			GENETICS	C/O DR R C VERMA	JABNER
110.	SUJATA		VASUDEV 10604	genetics	K 95 SOUTH CITY I	GURGAON
111.	ANIL	KUMAR	MISHRA	WTC	N D U A T KUMARGANJ	FAIZABAD
112.	JAYANTHI		MADHAVAN	Division of Floriculture and Landscaping	Kattissery House, Porkulam & P.O.	Trichur
113.	SARITHA		R.K 10932	PL. PATHOLOGY	Nandanam	p/o Irumbuzhi, Malap
114.	SHRAWAN		SINGH	Horticulture and Forestry	Village-Dandeus Singh, P.O.Hamirwas, Tal.Rajagarh	Churu
115.	PRAMOD	KUMAR	SAHOO 10808	agril engg	PO KAINFULLIA	NAYAGARH
116.	SABINA		ISLAM	VEGETABLE SCIENCE	CHAPRA, M.Q. PARA	CHAPRA
117.	K K		MANDAL	plant pathology	P K RAJ, KASHIPUR	PURULIA
118.	GAGANA	KUMAR	MAHAPATRO	ENTOMOLOGY	S/O UPENDRA MAHAPATRO,	BEKHAMPOR



					<b>NEELACHALA NAGAR 2ND LANE</b>	
119.	SANJAY	SINGH	RATHORE	Agronomy	<b>Village -BIJOLI, POST-BAH</b>	<b>Agra</b>
120.	MAHESH	CHAND	MEENA	SSAC IARI	<b>VIL NANGAL MEENA PO JATWARA TEHSIL MAHAWA</b>	<b>DAUSA</b>
121.	NEELAM		PATEL	WTC	<b>H N 7 KIDWAI NAGAR,</b>	<b>DEHAT, KANPUR</b>
122.	DHARA	SINGH	GURJAR	ENVIRONMENT AL SCIENCES	<b>VIL MORADI, BANDIKUI</b>	<b>DAUSA</b>
123.	NARESH	KUMAR	SOORA	ENVIRONMENT AL SCIENCES	<b>12-84/SOUJAWJA VARIETIES, S.G.ROAD</b>	<b>JADCHERLA</b>
124.	K K VINOD			RS ADHUTARAI IARI	<b>RADHAS, CHEMBRA, P.O.PARAL, via TELLICHERRY</b>	<b>MAHE</b>
125.	SURENDER	SINGH	10810	MICROBIOLOG Y	<b>H.NO.29/10, VPO- LOHARI</b>	<b>PANIPAT</b>
126.	Virendra	Singh	Rana	Ag. Chemicals	<b>R.K. Puram, Lower Adhoiwala</b>	<b>Dehra Dun</b>
127.	Satyapriya			Social Science Division	<b>Plot No. 10, Shivnagar Colony, IVRI Road, Iitanagar</b>	<b>Bareilly</b>
128.	TRILOCHAN		MOHAPATRA	CRRI, CUTTACK	<b>Vill-kharibil, Po- Eranch</b>	<b>Cuttack</b>
129.	Shailendra	Kumar	Jha 10998	GENETICS DIVISION	<b>Laxman Jha, At PO- Bhatra Ghat Via Dindaruch</b>	<b>Madhubani</b>
130.	Sachin	Suresh	Suroshe	Entomology Division	<b>Besides Prabodhan Vidyalaya, Daryapur</b>	<b>Amravati</b>
131.	TUSAR	KANTI	BAG		<b>Dr. T. K. Bag, Doorvash Pally, P. O. Ghatal, Konnagar</b>	<b>Ghatal</b>
132.	Jeetendra	Kumar	Ranjan	NULL	<b>Village and Post: Andhrathadhi</b>	<b>Madhubani</b>
133.	Ambika		Rajendran	NA	<b>1-17a; new house no.1/133 Thiruvathira Manakkara post villukury Kanyakumari</b>	<b>Thiruvathira</b>
134.	Amit	Kumar	Goswami	FHT	<b>S/o Sri Ramashankar Goswami, Balazi ka mandir, Vill.: Khargapur-472115 Distt. Tikamgarh</b>	<b>Khargapur</b>
135.	Chiter	Mal	Parihar	NA	<b>village-Bhasinghpura Po-Dhaniboraj Dist- Jaipur</b>	<b>Jaipur</b>
136.	Pranita		Jaiswal	NULL	<b>156,Rail Vihar Sec- 33</b>	<b>Noida</b>
137.	Naresh	Kumar	Bainsla	GENETICS	<b>Village &amp; P.O. Baroli</b>	<b>Palwal</b>

138.	PRADEEP	KUMAR	SINGH	GENETICS	VILL. PATAHUAN, PO. SEWTA	AZAMGARH
139.	ARCHANA		SINGH	BIO- CHEMISTRY	H1/4,River Bank Colony Lucknow -18	LUCKNOW
140.	JAYAPRAKASH		PARAMASIVAM	FRUIT & HORTICULTURE	2/34, SOUTH STREET TIRUVILAIYATTAM	NAGAPPATTINUM
141.	RAM	SWAROOP	BANA	AGRONOMY	VILL JAITPURA KHANDEL PHULERA	JAIPUR
142.	SEEMA		SEPAT	AGRONOMY	412 KCC NAGAR NEAR NH-8 BY PASS	JAIPUR
143.	Mohammad	Alimuddin	Khan		V&P- Bankhanda	Ghaziabad
144.	TUSHAR	KANTI	DUTTA	NEMOTOLOGY	VIL- SALSALABARI, JALPAIGURI	ALIPURDUAR
145.	Pratibha		Joshi		H no 707 street 3 Laxman Vihar	Gurugram
146.	ADITI		KUNDU	ADRI CHEMICALS	C/O PROF JAYANTA KR CHAKRABORTY SAHEB PARA LALIT BABU LANE	KOLKATA
147.	PRAVEEN	KUMAR	SINGH	Seed Production Centre, Sargatia	Vill.Kakara, PO. Harpalpur, Dist. Hardoi	Hardoi
148.	Tej Pal		Singh	DIVISION OF SEED SCIENCE & TECHNOLOGY	S/o Sh. N. Singh Village Mulkata, P.O. Maheshra	Distt Amroha
149.	Rajiv	Kumar	Singh	NA	Village & P.O. - Malap Harsenpur, Via:Nagra	Ballia
150.	Dhandapani		Raju	NA	# 126, Thomas Street, Coimbatore	Coimbatore
151.	VIJAY		POONIYA	AGRONOMY	VIL RALWATA, TEH PHUISRA	JAIPUR
152.	SWATI		SAHA 10884	VEGETABLE SCIENCES	VIL SAOTA CHANDIDAS NAHOOR	BIRBHUM
153.	MAHENDRA		SINGH 10866	NEMOTOLOGY	VILL MOI BHARU, PO-MOI PURANI	JHUNJHUNU
154.	MANJEET	SINGH	NAIN	agri extension	VILL KAMI PO THRUE	SONEPAT
155.	Venkatesh		Palanisamy 10964	AGRI ECONOMICS	17-3-48/1, Ponperumal Kovil Street, Ramanayakkan patti, T. Vadipatti	Madurai
156.	SUNEHA		GOSWAMI	BIO- CHEMISTRY	BODH DRUG AGENCY HOSPITAL ROAD	BALIA
157.	V		SANGEETHA	AGRI	49 R R ILLAM	MADURAI

				EXTENSION	<b>HAWAHAR NAGAR THRUMANGALAM</b>	
158.	MANISHA		MANGAL	Division of Vegetable Science,	<b>H.NO.-2896, SECTOR 38 C</b>	<b>CHANDIGARH</b>
159.	ATUL		KUMAR	RS PUSA	<b>CIVIL LINES BUXOR MANJHARIA</b>	<b>BUXOR</b>
160.	GOVIND	PRATAP	RAO	PLANT PATHOLOGY	<b>VIL MURILA KUSHINAGAR</b>	<b>KUSHI NAGAR</b>
161.	DHARMENDR A		SINGH 10867	GENETICS	<b>VILL SIKHU PO- BELHUPUR</b>	<b>AURIYA</b>
162.	MUKESH	KUMAR	DHILLON 10858	ENTOMOLOGY	<b>VILL NANGAL JAMALPUR</b>	<b>REWARI</b>
163.	Malkhan	Singh	Gurjar		<b>VPO Abhanery Teh Baswa Distt Dausa</b>	<b>Bandikui</b>
164.	TAPAS	RANJAN	DAS	RS PUSA BIHAR	<b>PO-IKIRI VIA- MANDHATAPUR, DIST- NAYAGARGH</b>	<b>NAYAGARGH</b>
165.	Ganapati		Mukri		<b>Po.Handigon</b>	<b>Kumta</b>
166.	Sarvendra		Kumar	SOIL SCIENCE AND AGRICULTURA L CHEMISTRY	<b>AT-Korari Via- Harnaut Distt: Patna</b>	<b>Patna</b>
167.	Babita		Singh	Directorate of Floricultural Research	<b>C/O Angad Singh, plot no.771,chapera pulia,kakadeo shivpuri,kanpur,UP</b>	<b>Kanpur</b>
168.	Vaibhav	Kumar	Singh	PLANT PATHOLOGY	<b>R/50, Indranagar, Rasoolpur, PO=New Shivpuri Colony, Gorakhpur</b>	<b>Gorakhpur</b>
169.	Krishan	Pal	Singh	NULL	<b>VILLAGE AND POST. HASANPUR KADDIM, GARH ROAD MEERUT</b>	<b>MEERUT</b>
170.	VIJAY		DUNNA	NULL	<b>Dr.D.Vijay c/o D.Jagan Door. No. 14-7-21(A) Kothapeta Gowda Street</b>	<b>VIZIANAGARA M</b>
171.	CHANDUSING			NULL	<b>LAXIMAN NAIK NAGAR, POST KALGI, TQ.CHITTAPUR, DISTC.GULBARGA</b>	<b>GULBARGA</b>
172.	YUDH	VIR	SINGH	unit of bga	<b>VILL &amp; PO SINGHPUR SANI , DISTT MORADABAD</b>	<b>MORADABAD</b>
173.	NAGARAJAN		MARIAPPAN	RS ADHUTARAI	<b>17, BHUVANESHWARI NAGAR , III CROSS</b>	<b>KUMBAKONA M</b>
174.	RAJIV	KUMAR	SHARMA 10460	GENETICS	<b>306 , GAURS RESIDENCY , CHANDAR NAGAR</b>	<b>GHAZIABAD</b>
175.	RAMESH	KUMAR	YADAV 10828	VEG SCIENCE	<b>Village Matihani.</b>	<b>Gorakhpur</b>

					Post Parasiya	
176.	JAGANNATH	PRASAD	SINHA	IARI RS KARNAL	JP SINHA , CHANAKYA NAGAR	PATANA
177.	ANIL	KUMAR	DUBEY 10735	FRUITS & HORTICULTUR AL TECHNOLOGY	VILL. MOHANPUR, PO-SARAI PREYAG	KANNAUJ
178.	SUPRADIP		SAHA	AGRI CHEMICALS	D-17, DARAT PALLI, MIDNAPORE	MIDNAPORE
179.	MRS RAJ		VERMA	PLANT PATHOLOGY	240, A.W.H.O. COLONY, AMBABADI	JAIPUR
180.	SUNIL	KUMAR	SHARMA(Dup)	REGIONAL STATION, PUNE	B-1/16, BRAMHA ESTATE	KONDHWA ROAD, PUNE
181.	SAMRATH	LAL	MEENA	Agronomy Division	V.P. Jamdoli, Via Reni Teh. Rajgarh	Alwer
182.	ANJALI		ANAND	nrl	596, sec-9	Faridabad
183.	P		NALLATHAMBI	Plant Pathology	Ayankovilpatti	Usilampatti MADURAI
184.	SWARNALAKSHMI		K	Microbiology	Janatha Garden, TN Palayam	Erode
185.	ARJAMADUTT A		SARANGI	WTC IARI	NITYANANDA KUTIR, MAKUBABA NUASAH, NABAKALEBAN RD	PURI
186.	GOPALA	S.	KRISHNAN 10857	GENETICS	6/35, SKN Nagar, Karamadai	Coimbatore
187.	ANIRBAN		ROY	PLANT VIROLOGY UNIT, PATHOLOGY DIV	6, Prasanna Roy Lane, P.O. - Bhatpara	24-Parganas (North)
188.	ANIL		KHAR 11001	Division of Vegetable Science	W. No-1 Subash Nagar, Behing SBI	Udhampur
189.	MAHENDRA	KUMAR	VERMA10844	F&HT	150 Janta Colony, Diwakari Mod	Alwar
190.	DWIJENDRA		BARMAN	HORTICULTUR E	PO & VILL BHANGAMORE	COOCHBEHA R
191.	ZAKIR		HUSSAIN 11002	VEGETABLE SCIENCE	Vill. Khanpur Ghati, Po. Rithat	Gurgaon
192.	AMBRISH	KUMAR	SHARMA 10799	GENETICS, CATAT	29, vidya Vihar	Ghaziabad
193.	SANGITA		YADAV 10999	SEED SCIENCE &TECHNOLOG Y	Vill & PO-Mandola (Khol), Distt & Teh- Rewari	Rewari
194.	SHIV	PRATAP	SINGH 11000	AGRICULTURA L ENGINEERING	AT&PO DIGHWAT (WEST) VIA. SAKALDIHA (RS)	DISTT. CHANDAUJI

195.	ANIL		SIROHI	NEMATOLOGY	VILL. DHAKOLI	BULANDSHAR
196.	UMA		RAO		NO. 3112 , MAIN ROAD , DODBALLAPUR	BANGALORE
197.	SHIVA DHAR			agronomy	VILL&P.O. NIBKARORI	FARRUKHABAD
198.	VISHWA	BANDHU	PATEL 10669	DIVISION OF FRUITS AND HORTICULTURE TECHNOLOGY	VILL MEGHPUR, PO PUREON, DIST JAUNPUR	JAUNPUR
199.	SHIVADHAR		SINGH 10590	CESCRA	VILL MADHIA PO SIKHAR CHUNAR	MIRZAPUR
200.	PANKAJ			Nematology	Lal Kothi, Daltonganj	Daltonganj
201.	AMIT		KAR	Division Of Agril. Economics	A-37 Bridge Enclave	Varanasi
202.	PRAMOD		KUMAR	Div. Of Agricultural Economics	Vill & Po. Maney, via Daudpur	Chapra
203.	ALKA		SINGH	Division Of Agricultural Economics	11/66 BAHAR B, SAHARA ESTATE	LUCKNOW
204.	MANOJ		KHANNA	WATER TECH CENTRE/FOSU	OPP ARYA SAMAJ MANDIR	KOTA
205.	RAGHU	NATH	PANDEY	SOIL SCIENCE & AGR CHEMISTRY	VILL DHARMAPULI PO HARBANSHPUR	SIDDHARTH NAGAR
206.	NARESH	MANOHAR	MESHARAM 10851	ENTOMOLOGY	AT+POST+TA: ARMORI, DISTT GADCHIRULI	ARMORI
207.	SHAILESH		TRIPATHI 10876	GENETICS	3/425- VIKAS NAGAR, LUCKNOW - 226022	LUCKNOW
208.	NAMITA		10841	F&LS	NEAR BRIGHT SUN MODEL SCHOOL, MEHERE(BARSAR) VPO & TEHSIL- MEHERE (BARSAR). DISTT: HAMIRPUR	HAMIRPUR
209.	Suresh		Kumar 11004	BIO CHEMISTRY	VILL BAJIT PUR MAJHAULI PO BOCHAHAN	Muzaffarpur
210.	MONIKA	ATUL	JOSHI 10872	SS&T	HOUSE NO. 1100 SECTOR 4	PANCHKULA
211.	AWANI	KUMAR	SINGH 10878	VEG. SCI. CPCT	JAMEEN, DASAWN, BANSGAWN, ATTARAUTIA, AZAMGARH	AZAMGARH
212.	KIRAN	BAPUSAHEB	GAIKWAD	GENETICS	DYNA TOWER F.F.3, P.L.132, TATYASAHEB MOHITE COLONY, OPP. KALAMBA JAIL, KOLHAPUR	KOLHAPUR

213.	Sudipta		Paul	NA	2/234 Rajyadharpur Govt. Colony	Serampore
214.	AMISH	KUMAR	SUREJA 10875	VEGETABLE SCIENCE	S/O CHANDUBHAI SUREJA AT/DP: CHHENDIAPADA	CHHENDIAPADA
215.	P. ANBUKANI			AGRI ECONOMICS	P.ANBUKANI S/O PERUMAL MATHEALLI, PAUPARAPPATTI	DHARMAPURI
216.	DEEBA		KAMIL 10848	PLANT PATHOLOGY	HOUSE NO 5 MORAMEE PATH HATHI GAON	GUWAHATI
217.	PROLAY	KUMAR	BHOWMICK	NULL	VIL KOREYA	KOREYA
218.	VIGNESH		MUTHUSAMY 10938	NULL	3/185 A P G VALASU SOLASIRAMANI P VELUR(TALUK)	NAMAKKAL
219.	TAPAN	KUMAR	KHURA 10949	AGRI ENGINEERING	PUJARIGUDA TENTULIKHUNTI NABARANGAPUR	PUJARIGUDA
220.	LEKSHMY		S 10849	PLANT PHYSIOLOGY	RESHMY PALACE ROAD ATTINGAL	ATTINGAL
221.	SURESH	MAHADEV	NEBAPURE 10975	ENTOMOLOGY	A/P-Wadicharan Tah- Shahuwadi Dist- Kolhapur	Kolhapur
222.	ASHWANI		KUMAR	R.S. Karnal, Haryana	128/5 C/O SH BANARSI DASS MAHAJAN BIRBAL NAGAR	NARWANA
223.	ANIL	KUMAR	CHOUDHARY 10979	AGRONOMY	VILL MUALKER, PO OIE, TEH BAROH, DISTT. KANGRA	KANGRA
224.	RAMANJIT	KAUR	RANDHAWA 10971	AGRONOMY	VIL ALADINPUR TARAN TARAN	TARAN TARAN
225.	UMAKANTA		BEHERA 10482	agronomy	PO BINAYAK PUR BHADRAK	BHADRAK
226.	Sunanda		Biswas	SOIL SCIENCE AND AGRICULTURAL CHEMISTRY	Vill. Kundipur P.O. Ganrapota	BARASAT
227.	SWETA		KUMARI 10984	NULL	VIL MANJAITHA PO EKSARI	NALANDA
228.	RADHA	MOHAN	SHARMA	Division of Fruits & Horticultural Technology	Village & Po- Kokawali	Etawah
229.	SAPNA		PANWAR	Division of Floriculture and Landscaping	Panwar Niwas, Below Vashistha Colony, Village Rabon. P.O. Saproon, District – Solan	SOLAN
230.	NILIMESH		MRIDHA	Agricultural Physics	VILL. MADHYAM KENDUA, PO-AIHO	MALDA
231.	LAKSHMAN		PRASAD	Ag. Chemicals	VILL-SONOTH, PO-GONDA	ALIGARH

232.	TIRTHANKAR		BANERJEE	Division of Agricultural Chemicals	DR.DINANATH BANERJEE DINA DHAM, LANE,PO-KRISHNANAGAR, NADIA	KRISHNANAGAR
233.	VISHAL	SINGH	SOMVANSHI	NEMATOLOGY DIVISION	H.NO. A336, RAJENDRA NAGAR	BAREILLY
234.	ANIRBAN		DUTTA	Ag. Chemicals	8 no Bijoy Nagar, po-Naihati, 24 parganas(N)	Naihati
235.	INDU		CHOPRA	Ag. Chemicals	106, PROFESSOR COLONY, BALSAMAND ROAD	HISAR
236.	SAGAR		D.	Entomology Division	98/1 7TH MAIN PIPE LANE WEST, K.B. NAGAR	BANGALORE
237.	MANOJ		SHRIVASTAVA	cescra,IARI	L-32, 9B SAKET NAGAR, BHEL	BHOPAL
238.	SARBASIS		CHAKRAVORTY	atic, iari	C/O HASHI CHAKRAVORTY, RATHINDRA PALLI	SRINIKETAN
239.	A	Amarender	Reddy	Agricultural Economics	Flat No. 108, Surekha Towers, Near BHEL,	Hyderabad
240.	SRINIVASA		N	PLANT PATHOLOGY	S/O LT NAGAPPA GHOWLURU GHOWLURU, GPALLAKERE	CHALLAKERE
241.	Veerubommu		Shanmugam	PLANT PATHOLOGY	31/W-4, Meenakshi Illam Andal Kovil Street, Anaipatty, K.K. Patty (P.O) Theni (Dt)-625521, Tamil Nadu	Anaipatty
242.	RAJENDER		KUMAR	WTC	C 61 GREEN PARK, RUDRAPUR, KASHIPUR ROAD	RAMPUR
243.	RUMA		DAS	SOIL SCIENCE AND AGRICULTURAL CHEMISTRY	VPO-DAWAGURI	COOCH BEHAR
244.	SHRILA		DAS	SOIL SCIENCE AND AGRICULTURAL CHEMISTRY	WARD NO 3, NETAJI PARA	DHUPGURI
245.	Yvonne	Angel	Lyngdoh	Division of Vegetable Science	Eden Cottage, Wahdienglieng, Lower Risa Colony, Laitumkhrah	Shillong
246.	Himani		Bisht	WTC	Village –Timali Block- Syaldey	Almora
247.	SEEMA		SANGWAN	DIVISION OF MICROBIOLOGY	h.no. 1011, sector 17, near women police station,	PANIPAT
248.	NAMITA		DAS SAHA	CECRA	C/O RABINDRA NATH SAHA, BHANGNI PART-I	DINHATA COOCH BEHAR
249.	Nagamani		Sandra	seed science division	C/o Chilakala Krishnayya, Dno-5-53-52, Brodipet 6/18, Guntur-2, Andhra	Guntur

					<b>Pradesh-522002</b>	
250.	MATIYAR	RAHAMAN	KHAN	NEMATOLOGY DIV	<b>B-4/394, Iman Kalyan, P.O. Kalyani, Distt. Nadia</b>	<b>KALYANI</b>
251.	SUKANYA		BARUA	Division Of Agricultural Extension	<b>9- HIRITIK GHATAK SARANI, DESHBANDHU PARA, PO SILIGURI TOWN</b>	<b>SILIGURI</b>
252.	ACHINTYA		PRAMANIK	RS KATRAIN	<b>vill.Kalagachia, PO-Somrukl PS-Uluberia Distt-Howrah</b>	<b>HOWRAH</b>
253.	SANDEEP		KUMAR	RS KATRAIN	<b>VILL-GHUMARTH, PO-DHANGOTA, TEH-BARSAR</b>	<b>Hamirpur</b>
254.	ROAF	AHMAD	PARRAY	DIVISION OF AGRIL.ENGG	<b>R/O UGJAN P/O DIALGAM</b>	<b>ANANTNAG</b>
255.	NATASHA		GURUNG	RS KALIMPOG	<b>C/o NB GURUNG, LOWER NANDOK, RANIPOOL</b>	<b>GANGTOK</b>
256.	SUMAN		MANNA	Division of Agricultural Chemicals	<b>S/o-Sudhir Chandra Manna, Vill-Basantapur, P.O.-Chenchua Gobindanagar, Dist.-Paschim Medinipur</b>	<b>Basantapur</b>
257.	NIRANJANA	M		DIVISION OF GENETICS	<b>TC 6/199(9), SWATHY, SRA-48, NETHAJI ROAD, VATTIYOURKAVU</b>	<b>TRIVANDRUM</b>
258.	SITARAM			DIVISION OF AGRICULTURAL EXTENSION	<b>RODA ROAD RANCHOURPURA WARD NO. 4 NEAR NEW POLICE CHOWKI, NOKHA,</b>	<b>BIKANER</b>
259.	Parshant		Kaushik	DIVISION OF AGRICULTURAL CHEMICALS	<b>VPO- Deepalpur, Dist- Sonapat, Haryana-131021</b>	<b>Sonapat</b>
260.	SUNIL		KUMAR	WATER TECHNOLOGY CENTRE	<b>KISAN COLONY, NEAR BHIKAJI SCHOOL</b>	<b>JHUNJHUNU</b>
261.	Rajkumar	Uttamrao	Zunjare	DIVISION OF GENETICS	<b>At Post: Babhulgaon Ta. Sengaon Dist. Hingoli</b>	<b>Hingoli</b>
262.	Neethu		Narayanan	Division of Agricultural Chemicals	<b>Vellayakodathu (H), Nedungapra P. O., Perumbavoor</b>	<b>Ernakulam</b>
263.	BIPIN		KUMAR	WTC	<b>SONWAY GONRAHA, POST PIPRAICH</b>	<b>GORAKHPUR</b>
264.	BHAGYASREE		S.N.	Entomology Division	<b>NEELAKANTESHWARA NEELAYA, NEAR BASAVANA GUDI, SANTHAPETE SIRA TOWN</b>	<b>TUMKUR</b>
265.	Abhishek		Mandal	Division of Agricultural Chemicals	<b>S/O-S S MANDAL, SOUTH COLONY, P.O- MAL, DIST-JALPAIGURI, WEST BENGAL</b>	
266.	VANLALRUATI			FLORICULTURE	<b>H/ NO. T- 47, ITI VENG (NEAR IKK CHURCH)</b>	<b>AIZAWL</b>



267.	SATHISH GOWDA G.S			Agricultural Economics	Sathish Gowda C.S S/o Shiva Murthy C.G, Hariyabbe, Hiriyur (T),Chitradurga	Hariyabbe
268.	RENJINI	V	R	ECONOMICS	VALIYAVEETIL, ENNAPPARA, THAYANNUR PO, KASARAGOD DIST,	KANHANGAD
269.	MALLIKARJUNA		M.G.		POST & VILLAGE- HOLESIRIGERE TALUK- HARIHA DIST- DAVANAGERE	HOLESIRIGERE
270.	PRIYA		SAINI	Div. of Soil Science and Agricultural Chemistry	RASOOLPUR, MO. KULI, POST SYOHARA, DIST. BIJNOR, UP	RASOOLPUR
271.	PRATIVA		LAKHOTIA	NA	43 MJN ROAD, P.O. +DIST COOCHBEHAR	
272.	Chandrashekar		K.	Regional station Pune	Nayaka Street, Yeldur, Kolar	yeldur
273.	RAJ		VERMA	Div. of Mycology and Plant Pathology	240, A W H O Colony, Ambabadi	Jaipur
274.	SUNIL	KUMAR	SHARMA	Reg. Station, Pune	IARI Reg. Station, Shivaji Nagar, Pune	Pune
275.	MOHAMMAD		HASHIM	RS PUSA BIHAR	VILLAGE DHEMA, POST DHEMA/DEARA	SULTANPUR
276.	VENKATRAMAN	SUBRAYA	HEGDE	Genetics	At - Harodi Po. Valgalli	Kumta
277.	RAJ	KUMAR	10700	IARI Regional Station, Katrain	TOWN & PO BANAT	MUZAFFARGAR
278.	CHANDER		PARKASH	Regional Station ,Katrain	Vill. Arla Po. Kudail Via Chobin	Mandi
279.	MAST	RAM	DHIMAN	Floriculture & Land Seaping	VPO. Dadhol Bilaspur	Ghumarwin
280.	REETA		BHATIA	rs katrain	VIL KATHARI, DIST SOLAN	SOLAN
281.	ARUN	KUMAR	SHUKLA	IARI Regional Station, Shimla	Vill.- Bhawanigarh, PO-Meghmau	Sultanpur
282.	DHARAM	PAL	WALIA	RS TutiKandi Shimla	Vill & Post Office kanaid	Mandi
283.	MADHU		PATIAL 10886	RS AMARTARA SHIMLA	VIL. BHARMAT, P.O. BANURI, TEH. PALAMPUR, DISTT. KANGRA	PALAMPUR
284.	KALLOL	KUMAR	PRAMANICK	IARI Regional Station, Shimla	Vill-+PO-Pantihal, Distt-Howrah	Howrah
285.	RAJ	KUMAR		Regiuonal Station	Vill. Kharkhari	Baraut

286.	PARMESHWA R	BAKSH	SINGH	rs karnal	Vill. Bhawanipur Po. Ashrafpur	Sultan Pur
287.	NEELAM	KUMAR	CHOPRA	Regional Station	853 Sector 9 Urban Estate	Karnal
288.	NISHA	KANT	CHOPRA	Regional Station	853 Sector 9 Urban Estate	Karnal
289.	VINOD	KUMAR	PANDITA	IARI, RS	Talab Tillu	Jammu
290.	ANUJA		GUPTA	Seed Pathology	H - 100 A. Dyal Singh Colony	Karnal
291.	RAKESH		SETH	Regional Station , Karnal	1323 Phase I Urban Estate	Jalandhar City
292.	KAILASH	CHANDR A	SHARMA	Grassland & Fodder Agronomy Section	Vill-Taherpur, PO- Hetalpur	Aligarh
293.	SAI PRASAD	VENKAT A	SAKURU	rs indore	D 10/2, REC STAFF QUARTERS, WARANGAL-4	INDORE
294.	RAHUL	MADHAV RAO	PHUKE	RS INDORE	C/o GR PHUKE, SHIVAJI WARD, NEW REST HOUSE	PUSAD
295.	JAGDISH		KUMAR	RS WELLINGTON	Vill. Kathlag, P.O. Baisu, Teh/Dist Mandi	Mandi
296.	Natarajan		Sarangapany		2, II cross, II main, Moogambigai Nagar, Nainarmandabam	Pondichery

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**Re: CERA Utilization**

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**From :** In charge.CeRA ICAR <incharge.cera@icar.org.in>

Thu, May 16, 2019 11:18 AM

**Sender :** incharge cera <incharge.cera@icar.org.in>

1 attachment

**Subject :** Re: CERA Utilization

**To :** head lib <head\_lib@iari.res.in>

Dear Madam,

Greetings from CeRA!

With reference to your mail, please find attached herewith the month wise usage statistics (number of hits) for the period Jan-Dec 2018 of ICAR-Indian Agricultural Research Institute for your information and further necessary actions.

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Thanks & regards

S. K. Joshi  
(Business Manager)  
& Incharge, CeRA  
(Consortium for e-Resources in Agriculture)  
Directorate of Knowledge Management in Agriculture  
Indian Council of Agricultural Research  
Room No. 715, KAB - I, Pusa,  
New Delhi - 110012  
Email: - Incharge.cera@icar.org.in  
Phone Direct: - 011-25846010, 011-25843657  
EPBX: 011-25841960/Ext. 683

On 15/05/19 02:30 PM, head\_lib@iari.res.in wrote:

Sir

kindly provide the data of CeRA Utilization ( number of hits/ total no. of students and faculty ) It is essential requirement evaluation for ranking of Agricultural Universities for the year 2018(January to December).

Thanks & regards

Rajshree Anand  
Incharge Library Services  
Prof. MS Swaminathan Lbrary  
ICAR- IARI, New Delhi-12  
Mob. No. 9868486299

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**CeRA - J-Gate Usage Report for the Period January - December 2018**

S.N	Organization Name	Jan-18	Feb-18	Mar-18	Apr-18	May-18	Jun-18	Jul-18	Aug-18	Sep-18	Oct-18	Nov-18	Dec-18	Total Hits
1	ICAR- Indian Agricultural Research Institute	4731	3056	2729	2700	2555	2162	3881	4446	1940	1668	1292	1184	32344



INDIAN COUNCIL OF AGRICULTURAL RESEARCH  
NEW DELHI

NATIONAL AGRICULTURAL EDUCATION ACCREDITATION BOARD

CERTIFICATE OF ACCREDITATION

On the recommendations of the ICAR Peer Review Team, the National Agricultural Education Accreditation Board, ICAR, New Delhi hereby grants accreditation to the **ICAR-Indian Agricultural Research Institute, New Delhi** and its programmes upto March 15, 2020.

The accredited academic programmes are listed overleaf.

March, 2017  
New Delhi

(Narendra Singh Rathore)  
Deputy Director General (Agril. Edn.), ICAR  
and Vice-Chairman, NAEAB

(Trilochan Mohapatra)  
Secretary, DARE & Director General, ICAR  
and Chairman, NAEAB

The accredited academic programmes of ICAR-Indian Agricultural Research Institute, New Delhi

College/Faculty/School	Period of Accreditation	Bachelor Degree Programmes	Master Degree Programmes	Ph.D. Programmes
ICAR-IARI Campus, New Delhi	16.03.2015 to 15.03.2020		<p>M.Sc. in Agricultural Chemicals, Agricultural Economics, Agricultural Extension, Agricultural Physics, Agricultural Statistics, Agronomy, Biochemistry, Bioinformatics, Computer Application, Entomology, Environmental Sciences, Genetics, Horticulture, M.Tech. (2 Disciplines) in Agricultural Engineering, and Post Harvest Technology, Microbiology, Molecular Biology and Biotechnology, Nematology, Plant Genetic Resources, Plant Pathology, Plant Physiology, Post Harvest Technology, Seed Science and Technology, Soil Science and Agricultural Chemistry, and Water Science and Technology, M.Tech. in Agricultural Engineering and Post Harvest Technology</p>	<p>Ph.D. in Agricultural Chemicals, Agricultural Economics, Agricultural Engineering, Agricultural Extension, Agricultural Physics, Agricultural Statistics, Agronomy, Biochemistry, Entomology, Environmental Sciences, Genetics, Horticulture, Microbiology, Molecular Biology and Biotechnology, Nematology, Plant Genetic Resources, Plant Pathology, Plant Physiology, Post Harvest Technology, Seed Science and Technology, Soil Science and Agricultural Chemistry, and Water Science and Technology.</p>

**POST GRADUATE SCHOOL**  
INDIAN AGRICULTURAL RESEARCH INSTITUTE  
NEW DELHI-110012.

No. PGS/1-406/AC/2018

March 19, 2018

**NOTIFICATION**

In compliance of clarification received from ICAR vide letter No.32/2/1998-EQR/Edn. dated January 31, 2018, the Academic Council, in its 406<sup>th</sup> meeting held on 8.2.2018, approved to pre-fix the word "M.Sc. Agriculture" with the name of the discipline in M.Sc. degrees awarded by IARI. With regards to the Horticulture discipline, the degree shall be awarded as M.Sc. Horticulture (Fruit Science), M.Sc. Horticulture (Vegetable Science) and M.Sc. Horticulture (Floriculture and Landscape Architecture).

The above decision shall be applicable from the immediate effect.

  
(K.M. Manjalah)

Associate Dean & Registrar (Acting)

**Distribution:**

1. Director, IASRI/NBPGR/NRCPB/IIHR/CIAE
2. All Heads of the Divisions/Professors of the teaching disciplines.
3. Chief Technical Officer (Stat Cell), P G School for incorporating the above decision in P.G. School Calendar 2010-11 as well as in the degrees/transcripts to be awarded henceforth.
4. Chief Technical Officer (IT Cell), P G School for uploading this notification on the website of IARI in P.G. School space and also to incorporate suitable corrections in the PGS Online Management System.
5. PS to Dean & Jt. Director (Edn.)/PA to Registrar

## Publications of IARI with NAAS Rating &gt;6.0 during 2018 (Source: Scopus)

Authors	Title	Year	Source title	Volume	Issue	Art. No.	Page start	Page end	NAAS Rating	Document Type
1. Renuka, N., Guldhe, A., Prasanna, R., Singh, P., Bux, F.	Microalgae as multi-functional options in modern agriculture: current trends, prospects and challenges	2018	Biotechnology Advances	36	4		1255	1273	17.45	Review
2. Ehrhardt, F., Soussana, J.-F., Bellocchi, G., Grace, P., McAuliffe, R., Recous, S., SÁndor, R., Smith, P., Snow, V., de Antoni Migliorati, M., Basso, B., Bhatia, A., Brilli, L., Doltra, J., Dorich, C.D., Doro, L., Fitton, N., Giacomini, S.J., Grant, B., Harrison, M.T., Jones, S.K., Kirschbaum, M.U.F., Klumpp, K., Laville, P., LÃ©onard, J., Liebig, M., Lieffering, M., Martin, R., Massad, R.S., Meier, E., Merbold, L., Moore, A.D., Myrghiotis, V., Newton, P., Pattey, E., Rolinski, S., Sharp, J., Smith, W.N., Wu, L., Zhang, Q.	Assessing uncertainties in crop and pasture ensemble model simulations of productivity and N <sub>2</sub> O emissions	2018	Global Change Biology	24	2		e603	e616	15.00	Article
3. Wallach, D., Martre, P., Liu, B., Asseng, S., Ewert, F., Thorburn, P.J., van Ittersum, M., Aggarwal, P.K., Ahmed, M., Basso, B., Biernath, C.,	Multimodel ensembles improve predictions of crop environment management interactions	2018	Global Change Biology	24	11		5072	5083	15.00	Article



Cammarano, D., Challinor, A.J., De Sanctis, G., Dumont, B., Eyshi Rezaei, E., Fereres, E., Fitzgerald, G.J., Gao, Y., Garcia-Vila, M., Gayler, S., Girousse, C., Hoogenboom, G., Horan, H., Izaurralde, R.C., Jones, C.D., Kassie, B.T., Kersebaum, K.C., Klein, C., Koehler, A.-K., Maiorano, A., Minoli, S., MÅ¼ller, C., Naresh Kumar, S., Nendel, C., O'Leary, G.J., Palosuo, T., Priesack, E., Ripoche, D., RÅtter, R.P., Semenov, M.A., StÅckle, C., Stratonovitch, P., Streck, T., Supit, I., Tao, F., Wolf, J., Zhang, Z.										
4. Yadav, K.K., Gupta, N., Kumar, V., Khan, S.A., Kumar, A.	A review of emerging adsorbents and current demand for defluoridation of water: Bright future in water sustainability	2018	Environment International	111			80	108	13.30	Review
5. Singh, B., Srivastava, P.C., Shrivastava, M.	Calcium sodium exchange equilibria in two soils of Chambal Command Area of Rajasthan, India	2018	Land Degradation and Development	29	8		2739	2745	13.27	Article
6. Shukla, A.K., Sinha, N.K., Tiwari, P.K., Prakash, C., Behera, S.K., Surendra Babu, P., Patnaik, M.C., Somasundaram, J., Singh, P., Dwivedi, B.S., Datta, S.P., Meena, M.C., Tripathi, R., Nayak, A.K., Kumar, A., Shukla, K., Siddiqui, S., Patra, A.K.	Evaluation of spatial distribution and regional zone delineation for micronutrients in a semiarid Deccan Plateau Region of India	2018	Land Degradation and Development	29	8		2449	2459	13.27	Article

7.	Nawade, B., Mishra, G.P., Radhakrishnan, T., Dodia, S.M., Ahmad, S., Kumar, A., Kumar, A., Kundu, R.	High oleic peanut breeding: Achievements, perspectives, and prospects	2018	Trends in Food Science and Technology	78			107	119	12.61	Review
8.	Raj, K., Sardar, U.R., Bhargavi, E., Devi, I., Bhunia, B., Tiwari, O.N.	Advances in exopolysaccharides based bioremediation of heavy metals in soil and water: A critical review	2018	Carbohydrate Polymers	199			353	364	11.16	Review
9.	Bhunja, B., Prasad Uday, U.S., Oinam, G., Mondal, A., Bandyopadhyay, T.K., Tiwari, O.N.	Characterization, genetic regulation and production of cyanobacterial exopolysaccharides and its applicability for heavy metal removal	2018	Carbohydrate Polymers	179			228	243	11.16	Review
10.	Mahajan, G., Matloob, A., Singh, R., Singh, V.P., Chauhan, B.S.	Basmati Rice in the Indian Subcontinent: Strategies to Boost Production and Quality Traits	2018	Advances in Agronomy	151			159	213	11.07	Article
11.	Singh, M., Sarkar, B., Sarkar, S., Churchman, J., Bolan, N., Mandal, S., Menon, M., Purakayastha, T.J., Beerling, D.J.	Stabilization of Soil Organic Carbon as Influenced by Clay Mineralogy	2018	Advances in Agronomy	148			33	84	11.07	Book Chapter
12.	Khan, S.A., Malla, F.A., Rashmi, Malav, L.C., Gupta, N., Kumar, A.	Potential of wastewater treating <i>Chlorella minutissima</i> for methane enrichment and CO <sub>2</sub> sequestration of biogas and producing lipids	2018	Energy	150			153	163	10.97	Article
13.	Kumar, N., Narayanan, N., Gupta, S.	Application of magnetic molecularly imprinted polymers for extraction of imidacloprid from eggplant and honey	2018	Food Chemistry	255			81	88	10.95	Article
14.	Nair, M.S., Saxena, A., Kaur, C.	Effect of chitosan and alginate based coatings enriched with pomegranate peel extract to extend the postharvest quality of guava ( <i>Psidium guajava</i> L.)	2018	Food Chemistry	240			245	252	10.95	Article
15.	Krishnan, V., Gothwal, S., Dahuja, A., Vinutha, T., Singh, B., Jolly, M., Praveen, S., Sachdev, A.	Enhanced nutraceutical potential of gamma irradiated black soybean extracts	2018	Food Chemistry	245			246	253	10.95	Article

16. Sharma, N., Banerjee, H., Pal, S., Sharma, K.K.	Persistence of thiacloprid and deltamethrin residues in tea grown at different locations of North-East India	2018	Food Chemistry	253			88	92	10.95	Article
17. Tiwari, R., Nain, L., Labrou, N.E., Shukla, P.	Bioprospecting of functional cellulases from metagenome for second generation biofuel production: a review	2018	Critical Reviews in Microbiology	44	2		244	257	10.74	Review
18. Parihar, C.M., Parihar, M.D., Sapkota, T.B., Nanwal, R.K., Singh, A.K., Jat, S.L., Nayak, H.S., Mahala, D.M., Singh, L.K., Kakraliya, S.K., Stirling, C.M., Jat, M.L.	Long-term impact of conservation agriculture and diversified maize rotations on carbon pools and stocks, mineral nitrogen fractions and nitrous oxide fluxes in inceptisol of India	2018	Science of the Total Environment	640-641			1382	1392	10.61	Article
19. Han, P., Bayram, Y., Shaltiel-Harpaz, L., Sohrabi, F., Saji, A., Esenali, U.T., Jalilov, A., Ali, A., Shashank, P.R., Ismoilov, K., Lu, Z.-Z., Wang, S., Zhang, G.-F., Wan, F.-H., Biondi, A., Desneux, N.	Tuta absoluta continues to disperse in Asia: damage, ongoing management and future challenges	2018	Journal of Pest Science						10.40	Article in Press
20. Phani, V., Shivakumara, T.N., Davies, K.G., Rao, U.	Knockdown of a mucin-like gene in <i>Meloidogyne incognita</i> (Nematoda) decreases attachment of endospores of <i>Pasteuria penetrans</i> to the infective juveniles and reduces nematode fecundity	2018	Molecular Plant Pathology	19	11		2370	2383	10.19	Article
21. Singh, S., Kumar, N.R., Maniraj, R., Lakshmikanth, R., Rao, K.Y.S., Muralimohan, N., Arulprakash, T., Karthik, K., Shashibhushan, N.B., Vinutha, T., Pattanayak,	Expression of Cry2Aa, a <i>Bacillus thuringiensis</i> insecticidal protein in transgenic pigeon pea confers resistance to gram pod borer, <i>Helicoverpa armigera</i>	2018	Scientific Reports	8	1	8820			10.12	Article

D., Dash, P.K., Kumar, P.A., Sreevathsa, R.										
22. Subudhi, P.K., De Leon, T.B., Tapia, R., Chai, C., Karan, R., Ontoy, J., Singh, P.K.	Genetic interaction involving photoperiod-responsive Hd1 promotes early flowering under long-day conditions in rice	2018	Scientific Reports	8	1	2081			10.12	Article
23. Roorkiwal, M., Jarquin, D., Singh, M.K., Gaur, P.M., Bharadwaj, C., Rathore, A., Howard, R., Srinivasan, S., Jain, A., Garg, V., Kale, S., Chitikineni, A., Tripathi, S., Jones, E., Robbins, K.R., Crossa, J., Varshney, R.K.	Genomic-enabled prediction models using multi-environment trials to estimate the effect of genotype — environment interaction on prediction accuracy in chickpea	2018	Scientific Reports	8	1	11701			10.12	Article
24. Singh, S., Vikram, P., Sehgal, D., Burgueño, J., Sharma, A., Singh, S.K., Sansaloni, C.P., Joynson, R., Brabbs, T., Ortiz, C., Solis-Moya, E., Govindan, V., Gupta, N., Sidhu, H.S., Basandrai, A.K., Basandrai, D., Ledesma-Ramires, L., Suaste-Franco, M.P., Fuentes-Dávila, G., Moreno, J.I., Sonder, K., Singh, V.K., Singh, S., Shokat, S., Arif, M.A.R., Laghari, K.A., Srivastava, P., Bhavani, S., Kumar, S., Pal, D., Jaiswal, J.P., Kumar, U., Chaudhary, H.K., Crossa, J., Payne, T.S., Imtiaz, M., Sohu, V.S., Singh, G.P., Bains, N.S., Hall, A., Pixley, K.V.	Harnessing genetic potential of wheat germplasm banks through impact-oriented-prebreeding for future food and nutritional security	2018	Scientific Reports	8	1	12527			10.12	Article

25.	Schlipalius, D.I., Tuck, A.G., Jagadeesan, R., Nguyen, T., Kaur, R., Subramanian, S., Barrero, R., Nayak, M., Ebert, P.R.	Variant linkage analysis using de Novo transcriptome sequencing identifies a conserved phosphine resistance gene in insects	2018	Genetics	209	1		281	290	10.07	Article
26.	Sharma, P., Samkumar, A., Rao, M., Singh, V.V., Prasad, L., Mishra, D.C., Bhattacharya, R., Gupta, N.C.	Genetic diversity studies based on morphological variability, pathogenicity and molecular phylogeny of the <i>Sclerotinia sclerotiorum</i> population from Indian mustard ( <i>Brassica juncea</i> )	2018	Frontiers in Microbiology	9	JUN	1169			10.02	Article
27.	Ghosh, B.N., Meena, V.S., Singh, R.J., Alam, N.M., Patra, S., Bhattacharyya, R., Sharma, N.K., Dadhwal, K.S., Mishra, P.K.	Effects of fertilization on soil aggregation, carbon distribution and carbon management index of maize-wheat rotation in the north-western Indian Himalayas	2018	Ecological Indicators						9.98	Article in Press
28.	Thangavel, R., Kanchikerimath, M., Sudharsanam, A., Ayyanadar, A., Karunanithi, R., Deshmukh, N.A., Vanao, N.S.	Evaluating organic carbon fractions, temperature sensitivity and artificial neural network modeling of CO <sub>2</sub> efflux in soils: Impact of land use change in subtropical India (Meghalaya)	2018	Ecological Indicators	93			129	141	9.98	Article
29.	Saini, D.K., Pabbi, S., Shukla, P.	Cyanobacterial pigments: Perspectives and biotechnological approaches	2018	Food and Chemical Toxicology	120			616	624	9.98	Article
30.	Ahirwar, U., Dubey, G., Singh, N., Mohanty, S.R., Kollah, B.	Interactive effect of climate factors, biochar and insecticide chlorpyrifos on methane consumption and microbial abundance in a tropical Vertisol	2018	Ecotoxicology and Environmental Safety	157			409	416	9.97	Article
31.	Ramakrishna, G., Kaur, P., Nigam, D., Chaduvula, P.K., Yadav, S., Talukdar, A., Singh, N.K., Gaikwad, K.	Genome-wide identification and characterization of InDels and SNPs in <i>Glycine max</i> and <i>Glycine soja</i> for contrasting seed permeability traits	2018	BMC Plant Biology	18	1	141			9.93	Article
32.	Qureshi, N., Bariana, H.,	A new leaf rust resistance gene <i>Lr79</i>	2018	Theoretical and	131	5		1091	1098	9.93	Article

	Kumran, V.V., Muruga, S., Forrest, K.L., Hayden, M.J., Bansal, U.	mapped in chromosome 3BL from the durum wheat landrace Aus26582		Applied Genetics							
33.	Chaudhary, K., Chattopadhyay, A., Pratap, D.	Anti-CRISPR proteins: Counterattack of phages on bacterial defense (CRISPR/Cas) system	2018	Journal of Cellular Physiology	233	1		57	59	9.92	Article
34.	Chaudhary, K.	Bacteriophage EXclusion (BREX): A novel anti-phage mechanism in the arsenal of bacterial defense system	2018	Journal of Cellular Physiology	233	2		771	773	9.92	Note
35.	Jain, S., Choudhary, D.K., Sharma, K.P., Aggarwal, R.	Bacterial mediated plant protection: Induced systemic resistance in soybean	2018	Microbial Biotechnology	2			193	206	9.91	Book Chapter
36.	Meenakumari, T., Meenattoor, J.R., Thirunavoukkarasu, M., Vinod, K.K., Krishan, B., Gireesh, T., Thomas, V., Mydin, K.K., Jacob, J.	Dynamics of long-term adaptive responses in growth and rubber yield among Hevea brasiliensis genotypes introduced to a dry sub-humid climate of Eastern India	2018	Industrial Crops and Products	119			294	303	9.85	Article
37.	Gundewadi, G., Sarkar, D.J., Rudra, S.G., Singh, D.	Preparation of basil oil nanoemulsion using Sapindus mukorossi pericarp extract: Physico-chemical properties and antifungal activity against food spoilage pathogens	2018	Industrial Crops and Products	125			95	104	9.85	Article
38.	Bhattacharyya, R., Bhatia, A., Das, T.K., Lata, S., Kumar, A., Tomer, R., Singh, G., Kumar, S., Biswas, A.K.	Aggregate-associated N and global warming potential of conservation agriculture-based cropping of maize-wheat system in the north-western Indo-Gangetic Plains	2018	Soil and Tillage Research	182			66	77	9.82	Article
39.	Singh, G., Bhattacharyya, R., Das, T.K., Sharma, A.R., Ghosh, A., Das, S., Jha, P.	Crop rotation and residue management effects on soil enzyme activities, glomalin and aggregate stability under zero tillage in the Indo-Gangetic Plains	2018	Soil and Tillage Research	184			291	300	9.82	Article
40.	Ghosh, A., Bhattacharyya, R., Meena, M.C., Dwivedi, B.S., Singh, G., Agnihotri,	Long-term fertilization effects on soil organic carbon sequestration in an Inceptisol	2018	Soil and Tillage Research	177			134	144	9.82	Article

R., Sharma, C.										
41. Sarkar, A., Biswas, D.R., Datta, S.C., Roy, T., Moharana, P.C., Biswas, S.S., Ghosh, A.	Polymer coated novel controlled release rock phosphate formulations for improving phosphorus use efficiency by wheat in an Inceptisol	2018	Soil and Tillage Research	180			48	62	9.82	Article
42. Kumararaja, P., Manjaiah, K.M., Datta, S.C., Ahammed Shabeer, T.P., Sarkar, B.	Chitosan-g-poly(acrylic acid)-bentonite composite: a potential immobilizing agent of heavy metals in soil	2018	Cellulose	25	7		3985	3999	9.81	Article
43. Ahmad, M., Chakraborty, D., Aggarwal, P., Bhattacharyya, R., Singh, R.	Modelling soil water dynamics and crop water use in a soybean-wheat rotation under chisel tillage in a sandy clay loam soil	2018	Geoderma	327			13	24	9.74	Article
44. Phani, V., Somvanshi, V.S., Shukla, R.N., Davies, K.G., Rao, U.	A transcriptomic snapshot of early molecular communication between <i>Pasteuria penetrans</i> and <i>Meloidogyne incognita</i>	2018	BMC Genomics	19	1	5230			9.73	Article
45. Singh, S., Lodhi, N.K., Mishra, A.K., Jose, S., Kumar, S.N., Kotnala, R.K.	Assessment of satellite-retrieved surface UVA and UVB radiation by comparison with ground-measurements and trends over Mega-city Delhi	2018	Atmospheric Environment	188			60	70	9.71	Article
46. Mina, U., Chandrashekara, T.K., Kumar, S.N., Meena, M.C., Yadav, S., Tiwari, S., Singh, D., Kumar, P., Kumar, R.	Impact of particulate matter on basmati rice varieties grown in Indo-Gangetic Plains of India: Growth, biochemical, physiological and yield attributes	2018	Atmospheric Environment	188			174	184	9.71	Article
47. Sarika, K., Hossain, F., Muthusamy, V., Zunjare, R.U., Baveja, A., Goswami, R., Bhat, J.S., Saha, S., Gupta, H.S.	Marker-assisted pyramiding of opaque2 and novel opaque16 genes for further enrichment of lysine and tryptophan in sub-tropical maize	2018	Plant Science	272			142	152	9.71	Article
48. Tyagi, S., Mazumdar, P.A., Mayee, P., Shivaraj, S.M., Anand, S., Singh, A., Madhurantakam, C., Sharma, P., Das, S., Kumar, A., Singh, A.	Natural variation in Brassica FT homeologs influences multiple agronomic traits including flowering time, silique shape, oil profile, stomatal morphology and plant height in <i>B. juncea</i>	2018	Plant Science	277			251	266	9.71	Article

49.	Punjabi, M., Bharadvaja, N., Jolly, M., Dahuja, A., Sachdev, A.	Development and evaluation of low phytic acid soybean by siRNA triggered seed specific silencing of inositol polyphosphate 6-/3-/5-kinase gene	2018	Frontiers in Plant Science	9		804			9.68	Article
50.	Zunjare, R.U., Hossain, F., Muthusamy, V., Baveja, A., Chauhan, H.S., Bhat, J.S., Thirunavukkarasu, N., Saha, S., Gupta, H.S.	Development of biofortified maize hybrids through marker-assisted stacking of $\beta$ -carotene hydroxylase, lycopene- $\beta$ -cyclase and opaque2 genes	2018	Frontiers in Plant Science	9		178			9.68	Article
51.	Nepolean, T., Kaul, J., Mukri, G., Mittal, S.	Genomics-enabled next-generation breeding approaches for developing system-specific drought tolerant hybrids in maize	2018	Frontiers in Plant Science	9		361			9.68	Review
52.	Banerjee, S., Gill, S.S., Gawade, B.H., Jain, P.K., Subramaniam, K., Sirohi, A.	Host delivered RNAi of two cuticle collagen genes, Mi-col-1 and Lemmi-5 hampers structure and fecundity in meloidogyne incognita	2018	Frontiers in Plant Science	8		2266			9.68	Article
53.	Gangadhara Rao, P., Behera, T.K., Gaikwad, A.B., Munshi, A.D., Jat, G.S., Boopalakrishnan, G.	Mapping and QTL analysis of gynoecey and earliness in bitter gourd (momordica charantia L.) using genotyping-by-sequencing (GBS) technology	2018	Frontiers in Plant Science	871		1555			9.68	Article
54.	Singh, B., Singh, N., Mishra, S., Tripathi, K., Singh, B.P., Rai, V., Singh, A.K., Singh, N.K.	Morphological and molecular data reveal three distinct populations of indian wild rice <i>Oryza rufipogon</i> griff. Species complex	2018	Frontiers in Plant Science	9		123			9.68	Article
55.	Sevanthi, A.M.V., Kandwal, P., Kale, P.B., Prakash, C., Ramkumar, M.K., Yadav, N., Mahato, A.K., Sureshkumar, V., Behera, M., Deshmukh, R.K., Jeyaparakash, P., Kar, M.K., Manonmani, S., Raveendran, M., Gopala, K.S., Neelamraju, S., Sheshshayee, M.S.,	Whole genome characterization of a few ems-induced mutants of upland rice variety nagina 22 reveals a staggeringly high frequency of snps which show high phenotypic plasticity towards the wild-type	2018	Frontiers in Plant Science	9		1179			9.68	Article



Swain, P., Singh, A.K., Singh, N.K., Mohapatra, T., Sharma, R.P.										
56. Gurav, P.P., Datta, S.C., Ray, S.K., Choudhari, P.L., Ahmed, N.	Assessment of potassium release threshold levels of Vertisols (shrink-swell soils) in different agro-ecological regions of India	2018	Applied Clay Science	165			155	163	9.64	Article
57. Bansal, S., Thakur, S., Mangal, M., Mangal, A.K., Gupta, R.K.	DNA barcoding for specific and sensitive detection of Cuminum cyminum adulteration in Bunium persicum	2018	Phytomedicine	50			178	183	9.61	Article
58. Husaini, A.M., Sakina, A., Cambay, S.R.	Host-pathogen interaction in fusarium oxysporum infections: Where do we stand?	2018	Molecular Plant-Microbe Interactions	31	9		889	898	9.59	Review
59. Jahan, M.A.H.S., Sen, R., Ishtiaque, S., Choudhury, A.K., Akhter, S., Ahmed, F., Biswas, J.C., Maniruzzaman, M., Miah, M.M., Rahman, M.M., Kalra, N.	Optimizing sowing window for wheat cultivation in Bangladesh using CERES-wheat crop simulation model	2018	Agriculture, Ecosystems and Environment	258			23	29	9.54	Article
60. Nishad, J., Koley, T.K., Varghese, E., Kaur, C.	Synergistic effects of nutmeg and citrus peel extracts in imparting oxidative stability in meat balls	2018	Food Research International	106			1026	1036	9.52	Article
61. Srivastava, A., Mohan, S., Mauchline, T.H., Davies, K.G.	Evidence for diversifying selection of genetic regions of encoding putative collagen-like host-adhesive fibers in Pasteuria penetrans	2018	FEMS Microbiology Ecology	95	1	fiy217			9.50	Article
62. Mishra, C.B., Kumari, S., Siraj, F., Yadav, R., Kumari, S., Tiwari, A.K., Tiwari, M.	The anti-epileptogenic and cognition enhancing effect of novel 1-[4-(4-benzo [1, 3] dioxol-5-ylmethyl-piperazin-1-yl)-phenyl]-3-phenyl-urea (BPPU) in pentylenetetrazole induced chronic rat model of epilepsy	2018	Biomedicine and Pharmacotherapy	105			470	480	9.46	Article
63. Sharma, V., Salwan, R., Shanmugam, V.	Molecular characterization of $\beta$ -endoglucanase from antagonistic Trichoderma saturnisporum isolate	2018	Pesticide Biochemistry and Physiology	149			73	80	9.44	Article

	GITX-Panog (C) induced under mycoparasitic conditions									
64. Meher, H.C., Singh, G., Chawla, G.	Metabolic Alternations of Amino Acids, Î°-Aminobutyric Acid, and Salicylic Acid in Solanum lycopersicum (L.) Following Preplanting Seedling Spray with Salicylic Acid	2018	Journal of Agricultural and Food Chemistry	66	46		12236	12248	9.41	Article
65. Sahoo, D., Mandal, A., Mitra, T., Chakraborty, K., Bardhan, M., Dasgupta, A.K.	Nanosensing of Pesticides by Zinc Oxide Quantum Dot: An Optical and Electrochemical Approach for the Detection of Pesticides in Water	2018	Journal of Agricultural and Food Chemistry	66	2		414	423	9.41	Article
66. Krishnan, P., Aggarwal, P.	Global sensitivity and uncertainty analyses of a web based crop simulation model (web InfoCrop wheat) for soil parameters	2018	Plant and Soil	423	02-Jan		443	463	9.31	Article
67. Dube, N., Mashurabad, P.C., Hossain, F., Pullakhandam, R., Thingnganing, L., Bharatraj, D.K.	Î²-Carotene bioaccessibility from biofortified maize (: Zea mays) is related to its density and is negatively influenced by lutein and zeaxanthin	2018	Food and Function	9	1		379	388	9.29	Conference Paper
68. Chatterjee, S., Bandyopadhyay, K.K., Pradhan, S., Singh, R., Datta, S.P.	Effects of irrigation, crop residue mulch and nitrogen management in maize (Zea mays L.) on soil carbon pools in a sandy loam soil of Indo-gangetic plain region	2018	Catena	165			207	216	9.26	Article
69. Bhatia, V., Bhattacharya, R.	Host-mediated RNA interference targeting aÎ cuticular protein gene impaired fecundity inÂ the green peach aphid Myzus persicae	2018	Pest Management Science	74	9		2059	2068	9.25	Article
70. Trethowan, R., Chatrath, R., Tiwari, R., Kumar, S., Saharan, M.S., Bains, N., Sohu, V.S., Srivastava, P., Sharma, A., De, N., Prakash, S., Singh, G.P., Sharma, I., Eagles, H., Diffey, S., Bansal, U.,	An analysis of wheat yield and adaptation in India	2018	Field Crops Research	219			192	213	9.13	Article

Bariana, H.										
71. Sarkar, D., Baishya, L.K., Meitei, C.B., Naorem, G.C., Thokchom, R.C., Singh, J., Bhuvanewari, S., Batabyal, K., Das, R., Padhan, D., Prakash, N., Rahman, F.H.	Can sustainability of maize-mustard cropping system be achieved through balanced nutrient management?	2018	Field Crops Research	225			9	21	9.13	Article
72. Das, T.K., Saharawat, Y.S., Bhattacharyya, R., Sudhishri, S., Bandyopadhyay, K.K., Sharma, A.R., Jat, M.L.	Conservation agriculture effects on crop and water productivity, profitability and soil organic carbon accumulation under a maize-wheat cropping system in the North-western Indo-Gangetic Plains	2018	Field Crops Research	215			222	231	9.13	Article
73. Singh, V.K., Dwivedi, B.S., Yadvinder-Singh, Singh, S.K., Mishra, R.P., Shukla, A.K., Rathore, S.S., Shekhawat, K., Majumdar, K., Jat, M.L.	Effect of tillage and crop establishment, residue management and K fertilization on yield, K use efficiency and apparent K balance under rice-maize system in north-western India	2018	Field Crops Research	224			1	12	9.13	Article
74. Susha, V.S., Das, T.K., Nath, C.P., Pandey, R., Paul, S., Ghosh, S.	Impacts of tillage and herbicide mixture on weed interference, agronomic productivity and profitability of a maize “Wheat system in the North-western Indo-Gangetic Plains	2018	Field Crops Research	219			180	191	9.13	Article
75. Jha, P.K., Kumar, S.N., Ines, A.V.M.	Responses of Soybean to Water Stress and Supplemental Irrigation in Upper Indo-Gangetic Plain: Field Experiment and Modeling Approach	2018	Field Crops Research	219			76	86	9.13	Article
76. Soni, M., Mondal, K.K.	Xanthomonas axonopodis pv. punicae uses XopL effector to suppress pomegranate immunity	2018	Journal of Integrative Plant Biology	60	4		341	357	9.13	Article
77. Singh, V.K., Ellur, R.K., Singh, A.K., Nagarajan, M., Singh, B.D., Singh, N.K.	Effect of qGN4.1 QTL for Grain Number per Panicle in Genetic Backgrounds of Twelve Different Mega Varieties of Rice	2018	Rice	11	1	8			9.04	Article
78. Singh, V., Singh, A.K.,	Pusa Basmati 1121 “a rice	2018	Rice	11	1	19			9.04	Review

Mohapatra, T., Gopala Krishnan, S., Ellur, R.K.	variety with exceptional kernel elongation and volume expansion after cooking									
79. Kumar Yadav, K., Gupta, N., Kumar, A., Reece, L.M., Singh, N., Rezaia, S., Ahmad Khan, S.	Mechanistic understanding and holistic approach of phytoremediation: A review on application and future prospects	2018	Ecological Engineering	120			274	298	9.02	Review
80. Mahanta, D., Rai, R.K., Dhar, S., Varghese, E., Raja, A., Purakayastha, T.J.	Modification of root properties with phosphate solubilizing bacteria and arbuscular mycorrhiza to reduce rock phosphate application in soybean-wheat cropping system	2018	Ecological Engineering	111			31	43	9.02	Article
81. Nair, M.S., Saxena, A., Kaur, C.	Characterization and Antifungal Activity of Pomegranate Peel Extract and its Use in Polysaccharide-Based Edible Coatings to Extend the Shelf-Life of Capsicum ( <i>Capsicum annum L.</i> )	2018	Food and Bioprocess Technology	11	7		1317	1327	9.00	Article
82. Li, Y., Kumar, S., Qian, W.	Active DNA demethylation: mechanism and role in plant development	2018	Plant Cell Reports	37	1		77	85	8.99	Review
83. Chaudhary, K.	CRISPR/Cas13a targeting of RNA virus in plants	2018	Plant Cell Reports	37	12		1707	1712	8.99	Article
84. Pandey, R., Lal, M.K., Vengavasi, K.	Differential response of hexaploid and tetraploid wheat to interactive effects of elevated [CO <sub>2</sub> ] and low phosphorus	2018	Plant Cell Reports	37	9		1231	1244	8.99	Article
85. Mandal, N., Datta, S.C., Manjiaiah, K.M., Dwivedi, B.S., Nain, L., Kumar, R., Aggarwal, P.	Novel chitosan grafted zinc containing nanoclay polymer biocomposite (CZNC/PBC): Controlled release formulation (CRF) of Zn <sup>2+</sup>	2018	Reactive and Functional Polymers	127			55	66	8.98	Article
86. Singh, S., Singh, L.B., Singh, D.R., Chand, S., Zamir Ahmed, S.K., Singh, V.N., Dam Roy, S.	Indigenous underutilized vegetables for food and nutritional security in an island ecosystem	2018	Food Security	10	5		1173	1189	8.97	Article
87. Wang, J., Chai, Z., Bao,	First report of <i>Fusarium commune</i>	2018	Plant Disease	102	8		1660		8.94	Note

	Y., Wang, H., Li, Y., Rao, G.P., Zhang, M.	causing root rot disease of sugarcane (Var. Badila) in China									
88.	Choudhary, M., Sardana, H.R., Bhat, M.N., Gurjar, M.S.	First report of leaf spot disease caused by <i>exserohilum rostratum</i> on bottle gourd in India	2018	Plant Disease	102	10		2042		8.94	Note
89.	Nagamani, S., Tripathi, A., Lal, S.K., Kumar, A., Mandal, B., Jain, R.K.	First report of Soybean yellow mottle mosaic virus on soybean ( <i>Glycine max</i> ) in India	2018	Plant Disease	102	8		1673		8.94	Note
90.	Yadav, K.K., Gupta, N., Kumar, V., Choudhary, P., Khan, S.A.	GIS-based evaluation of groundwater geochemistry and statistical determination of the fate of contaminants in shallow aquifers from different functional areas of Agra city, India: Levels and spatial distributions	2018	RSC Advances	8	29		15876	15889	8.94	Article
91.	Kumar, M., Savita, Singh, H., Pandey, R., Singh, M.P., Ravindranath, N.H., Kalra, N.	Assessing vulnerability of forest ecosystem in the Indian Western Himalayan region using trends of net primary productivity	2018	Biodiversity and Conservation						8.83	Article in Press
92.	Meena, V.S., Zaid, A., Maurya, B.R., Meena, S.K., Bahadur, I., Saha, M., Kumar, A., Verma, R., Wani, S.H.	Evaluation of potassium solubilizing rhizobacteria (KSR): enhancing K-bioavailability and optimizing K-fertilization of maize plants under Indo-Gangetic Plains of India	2018	Environmental Science and Pollution Research	25	36		36412	36424	8.80	Article
93.	Marag, P.S., Suman, A.	Growth stage and tissue specific colonization of endophytic bacteria having plant growth promoting traits in hybrid and composite maize ( <i>Zea mays</i> L.)	2018	Microbiological Research	214			101	113	8.78	Article
94.	Kumar, S., Choudhary, A.K., Rana, K.S., Sarker, A., Singh, M.	Bio-fortification potential of global wild annual lentil core collection	2018	PLoS ONE	13	1	e0191122			8.77	Article
95.	Devi, J., Mishra, G.P., Sanwal, S.K., Dubey, R.K., Singh, P.M., Singh, B.	Development and characterization of penta-flowering and triple-flowering genotypes in garden pea ( <i>Pisum sativum</i> L. var. hortense)	2018	PLoS ONE	13	7	e0201235			8.77	Article
96.	Singh, D., Singh, C.K., Singh, Y.P., Singh, V.,	Evaluation of cultivated and wild genotypes of <i>Lens</i> species under	2018	PLoS ONE	13	8	e0199933			8.77	Article

	Singh, R., Tomar, R.S.S., Sanwal, S.K., Karwa, S., Mishra, V.K., Sarkar, S.K., Pal, M., Kumar, A., Yadav, R.K., Sharma, P.C.	alkalinity stress and their molecular collocation using microsatellite markers									
97.	Kumar, A., Batra, R., Gahlaut, V., Gautam, T., Kumar, S., Sharma, M., Tyagi, S., Singh, K.P., Balyan, H.S., Pandey, R., Gupta, P.K.	Genome-wide identification and characterization of gene family for RWP-RK transcription factors in wheat ( <i>Triticum aestivum</i> L.)	2018	PLoS ONE	13	12	e0208409			8.77	Article
98.	Sarika, K., Hossain, F., Muthusamy, V., Zunjare, R.U., Baveja, A., Goswami, R., Thirunavukkarasu, N., Jha, S.K., Gupta, H.S.	Opaque16, a high lysine and tryptophan mutant, does not influence the key physico-biochemical characteristics in maize kernel	2018	PLoS ONE	13	1	e0190945			8.77	Article
99.	Manjunatha, C., Sharma, S., Kulshreshtha, D., Gupta, S., Singh, K., Bhardwaj, S.C., Aggarwal, R.	Rapid detection of <i>Puccinia triticina</i> causing leaf rust of wheat by PCR and loop mediated isothermal amplification	2018	PLoS ONE	13	4	e0196409			8.77	Article
100.	Khanra, S., Mondal, M., Halder, G., Tiwari, O.N., Gayen, K., Bhowmick, T.K.	Downstream processing of microalgae for pigments, protein and carbohydrate in industrial application: A review	2018	Food and Bioproducts Processing	110			60	84	8.74	Review
101.	Marathe, A., Krishnan, V., Vinutha, T., Dahuja, A., Jolly, M., Sachdev, A.	Exploring the role of Inositol 1,3,4-trisphosphate 5/6 kinase-2 (GmITPK2) as a dehydration and salinity stress regulator in <i>Glycine max</i> (L.) Merr. through heterologous expression in <i>E. coli</i>	2018	Plant Physiology and Biochemistry	123			331	341	8.72	Article
102.	Kumar, M.S.S., Mawlong, I., Ali, K., Tyagi, A.	Regulation of phytosterol biosynthetic pathway during drought stress in rice	2018	Plant Physiology and Biochemistry	129			11	20	8.72	Article
103.	Vengavasi, K., Pandey, R.	Root exudation potential in contrasting soybean genotypes in response to low soil phosphorus	2018	Plant Physiology and Biochemistry	124			1	9	8.72	Article

	availability is determined by photo-biochemical processes									
104. Adhikari, P., Araya, H., Aruna, G., Balamatti, A., Banerjee, S., Baskaran, P., Barah, B.C., Behera, D., Berhe, T., Boruah, P., Dhar, S., Edwards, S., Fulford, M., Gujja, B., Ibrahim, H., Kabir, H., Kassam, A., Khadka, R.B., Koma, Y.S., Natarajan, U.S., Perez, R., Sen, D., Sharif, A., Singh, G., Styger, E., Thakur, A.K., Tiwari, A., Uphoff, N., Verma, A.	System of crop intensification for more productive, resource-conserving, climate-resilient, and sustainable agriculture: experience with diverse crops in varying agroecologies	2018	International Journal of Agricultural Sustainability	16	1		1	28	8.70	Article
105. Das, D., Nayak, A.K., Thilagam, V.K., Chatterjee, D., Shahid, M., Tripathi, R., Mohanty, S., Kumar, A., Lal, B., Gautam, P., Panda, B.B., Biswas, S.S.	Measuring potassium fractions is not sufficient to assess the long-term impact of fertilization and manuring on soil's potassium supplying capacity	2018	Journal of Soils and Sediments	18	5		1806	1820	8.63	Article
106. Biswas, J.C., Kalra, N., Maniruzzaman, M., Choudhury, A.K., Jahan, M.A.H.S., Hossain, M.B., Ishtiaque, S., Haque, M.M., Kabir, W.	Development of mungbean model (MungGro) and its application for climate change impact analysis in Bangladesh	2018	Ecological Modelling	384			1	9	8.51	Article
107. Kohli, D., Chidambaranathan, P., Prasanth Tej Kumar, J., Singh, A.K., Kumar, A., Sirohi, A., Subramaniam, K., Srinivasan, R., Bharadvaja, N., Jain, P.K.	Host-mediated RNAi of a Notch-like receptor gene in <i>Meloidogyne incognita</i> induces nematode resistance	2018	Parasitology	145	14		1896	1906	8.51	Article
108. Phani, V., Somvanshi,	Silencing of a <i>Meloidogyne</i>	2018	Gene	677			289	298	8.50	Article

V.S., Rao, U.	incognita selenium-binding protein alters the cuticular adhesion of <i>Pasteuria penetrans</i> endospores									
109. Vinutha, T., Kumar, G., Garg, V., Canto, T., Palukaitis, P., Ramesh, S.V., Praveen, S.	Tomato geminivirus encoded RNAi suppressor protein, AC4 interacts with host AGO4 and precludes viral DNA methylation	2018	Gene	678			184	195	8.50	Article
110. Borah, P., Das, A., Milner, M.J., Ali, A., Bentley, A.R., Pandey, R.	Long non-coding rnas as endogenous target mimics and exploration of their role in low nutrient stress tolerance in plants	2018	Genes	9	9		1	17	8.50	Article
111. Kumar, S., Hash, C.T., Nepolean, T., Mahendrakar, M.D., Satyavathi, C.T., Singh, G., Rathore, A., Yadav, R.S., Gupta, R., Srivastava, R.K.	Mapping grain iron and zinc content quantitative trait loci in an inbred-derived immortal population of pearl millet	2018	Genes	9	5	248			8.50	Article
112. Gandotra, S., Kumar, A., Naga, K., Bhuyan, P.M., Gogoi, D.K., Sharma, K., Subramanian, S.	Bacterial community structure and diversity in the gut of the muga silkworm, <i>Antheraea assamensis</i> (Lepidoptera: Saturniidae), from India	2018	Insect Molecular Biology	27	5		603	619	8.49	Article
113. Kumar, A., Bag, M.K., Singh, R., Jailani, A.A.K., Mandal, B., Roy, A.	Natural infection of croton yellow vein mosaic virus and its cognate betasatellite in germplasm of different <i>Crambe</i> spp in India	2018	Virus Research	243			60	64	8.48	Article
114. PARIHAR, C.M., YADAV, M.R., JAT, S.L., SINGH, A.K., KUMAR, B., POONIYA, V., PRADHAN, S., VERMA, R.K., JAT, M.L., JAT, R.K., PARIHAR, M.D., NAYAK, H.S., SAHARAWAT, Y.S.	Long-Term Conservation Agriculture and Intensified Cropping Systems: Effects on Growth, Yield, Water, and Energy-use Efficiency of Maize in Northwestern India	2018	Pedosphere	28	6		952	963	8.43	Article
115. Dash, N.P., Kaushik, M.S., Kumar, A., Abraham, G.,	Toxicity of biocides to native cyanobacteria at different rice crop	2018	Journal of Applied	30	1		483	493	8.40	Article



Singh, P.K.	stages in wetland paddy field		Phycology							
116.Singh, N., Katyal, M., Viridi, A.S., Kaur, A., Goyal, A., Ahlawat, A.K., Mahendru Singh, A.	Effect of grain hardness, fractionation and cultivars on protein, pasting and dough rheological properties of different wheat flours	2018	International Journal of Food Science and Technology	53	9		2077	2087	8.38	Article
117.Meena, N.K., Asrey, R.	Tree age affects physicochemical, functional quality and storability of Amrapali mango ( <i>Mangifera indica</i> L.) fruits	2018	Journal of the Science of Food and Agriculture	98	9		3255	3262	8.38	Article
118.Mathur, C., Kushwah, J., Somvanshi, V.S., Dutta, T.K.	A 37 kDa Txp40 protein characterized from <i>Photobacterium luminescens</i> sub sp. <i>akhurstii</i> conferred injectable and oral toxicity to greater wax moth, <i>Galleria mellonella</i>	2018	Toxicon	154			69	73	8.35	Article
119.Manikandan, N., Das, D.K., Mukherjee, J., Sehgal, V.K., Krishnan, P.	Extreme temperature and rainfall events in National Capital Region of India (New Delhi) in the recent decades and its possible impacts	2018	Theoretical and Applied Climatology						8.32	Article in Press
120.Gaddameedi, A., Ravikiran, K.T., Mohammed, R., Phuke, R.M., Sadaiah, K., Kavi Kishor, P.B., Ashok Kumar, A.	Inheritance studies on grain iron and zinc concentration and agronomic traits in sorghum [ <i>Sorghum bicolor</i> (L.) Moench]	2018	Journal of Cereal Science	83			252	258	8.30	Article
121.Sangwan, S., Singh, R.	Synergistic effect of oats and LGG fermented milk on lowering hypercholesterolemia in rats	2018	Journal of Cereal Science	82			164	169	8.30	Article
122.Oyeogbe, A.I., Das, T.K., Bandyopadhyay, K.K.	Agronomic productivity, nitrogen fertilizer savings and soil organic carbon in conservation agriculture: efficient nitrogen and weed management in maize-wheat system	2018	Archives of Agronomy and Soil Science	64	12		1635	1645	8.25	Article
123.Jat, H.S., Datta, A., Sharma, P.C., Kumar, V., Yadav, A.K., Choudhary, M., Choudhary, V.,	Assessing soil properties and nutrient availability under conservation agriculture practices in a reclaimed sodic soil in cereal-	2018	Archives of Agronomy and Soil Science	64	4		531	545	8.25	Article

Gathala, M.K., Sharma, D.K., Jat, M.L., Yaduvanshi, N.P.S., Singh, G., McDonald, A.	based systems of North-West India									
124.Roy, T., Biswas, D.R., Datta, S.C., Sarkar, A., Biswas, S.S.	Citric acid loaded nano clay polymer composite for solubilization of Indian rock phosphates: a step towards sustainable and phosphorus secure future	2018	Archives of Agronomy and Soil Science	64	11		1564	1581	8.25	Article
125.Ghosh, A., Bhattacharyya, R., Dwivedi, B.S., Biswas, D.R., Meena, M.C., Sarkar, A., Agarwal, B.K., Mahapatra, P., Shahi, D.K., Agnihorti, R., Sawlani, R.	Depth dynamics of soil N contents and natural abundances of <sup>15</sup> N after 43 years of long-term fertilization and liming in sub-tropical Alfisol	2018	Archives of Agronomy and Soil Science	64	9		1290	1301	8.25	Article
126.Bhaduri, D., Purakayastha, T.J., Chakraborty, D., Chakraborty, K., Singh, M.	Integrated tillage-water-nutrient management effects on selected soil physical properties in a rice-wheat system in the Indian subcontinent	2018	Archives of Agronomy and Soil Science	64	1		132	145	8.25	Article
127.Saurabh, K., Kanchikeri Math, M., Datta, S.C., Thekkumpurath, A.S., Kumar, R.	Nanoclay polymer composites loaded with urea and nitrification inhibitors for controlling nitrification in soil	2018	Archives of Agronomy and Soil Science						8.25	Article in Press
128.Mahajan, G., Singh, K., Singh, N., Kaur, R., Chauhan, B.S.	Screening of water-efficient rice genotypes for dry direct seeding in South Asia	2018	Archives of Agronomy and Soil Science	64	1		103	115	8.25	Article
129.Maes, P., Alkhovsky, S.V., Bã o, Y., Beer, M., Birkhead, M., Briese, T., Buchmeier, M.J., Calisher, C.H., Charrel, R.N., Choi, I.R., Clegg, C.S., de la Torre, J.C., Delwart, E., DeRisi, J.L., Di Bello, P.L., Di Serio, F., Digiaro, M., Dolja, V.V., Drosten,	Taxonomy of the family Arenaviridae and the order Bunyavirales: update 2018	2018	Archives of Virology	163	8		2295	2310	8.16	Article



G., Wā̄ng, L., Wā̄ng, Y., Wā̄i, T., Wiley, M.R., Wolf, Y.I., Wolfe, N.D., Wā̄°, Z., Xā̄°, W., Yang, L., Yā̄• ng, Z., Yeh, S.-D., Zhā̄• ng, Y.-Z., Zhā̄• ng, Y., Zhou, X., Zhā̄«, C., Zirkel, F., Kuhn, J.H.										
130. Banerjee, K., Krishnan, P., Mridha, N.	Application of thermal imaging of wheat crop canopy to estimate leaf area index under different moisture stress conditions	2018	Biosystems Engineering	166			13	27	8.14	Article
131. Sharma, K.K., Bhushan, V.S., Rao, C.S., Reddy, K.N., Banerjee, H., Mandal, S., Singh, B., Battu, R.S., Jyot, G., Sahoo, S.K., Mohapatra, S., Lekha, S., Manikrao, G., Radhika, B., Tripathy, V., Yadav, R., Shukla, P., Patel, A.N., Singh, G., Devi, S., Pandey, P., Gautam, R., Kalra, S., Gupta, R., Singh, G., Gopal, M., Walia, S.	Persistence, dissipation and consumer risk assessment of a combination formulation of flubendiamide and deltamethrin on cucumber	2018	Food Additives and Contaminants - Part A Chemistry, Analysis, Control, Exposure and Risk Assessment	35	3		498	511	8.13	Article
132. Seth, A., Sarkar, D., Masto, R.E., Batabyal, K., Saha, S., Murmu, S., Das, R., Padhan, D., Mandal, B.	Critical limits of mehlich 3 extractable phosphorous, potassium, sulfur, boron and zinc in soils for nutrition of rice ( <i>Oryza sativa</i> L.)	2018	Journal of Soil Science and Plant Nutrition	18	2		512	523	8.12	Article
133. Kumari, K., Prasad, J., Solanki, I.S., Chaudhary, R.	Long-term effect of crop residues incorporation on yield and soil physical properties under rice - wheat cropping system in calcareous soil	2018	Journal of Soil Science and Plant Nutrition	18	1		27	40	8.12	Article
134. Sharma, C., Saripalli, G., Kumar, S., Gautam, T.,	A study of transcriptome in leaf rust infected bread wheat involving	2018	Functional Plant Biology	45	10		1046	1064	8.08	Article

Kumar, A., Rani, S., Jain, N., Prasad, P., Raghuvanshi, S., Jain, M., Sharma, J.B., Prabhu, K.V., Sharma, P.K., Balyan, H.S., Gupta, P.K.	seedling resistance gene Lr28									
135. Bahuguna, R.N., Tamilselvan, A., Raveendran, M., Solis, C.A., Jagadish, S.V.K.	Mild preflowering drought priming improves stress defences, assimilation and sink strength in rice under severe terminal drought	2018	Functional Plant Biology	45	8		827	839	8.08	Article
136. Verma, G., Sharma, M., Mondal, K.K.	XopR TTSS-effector regulates in planta growth, virulence of Indian strain of Xanthomonas oryzae pv. oryzae via suppressing reactive oxygen species production and cell wall-associated rice immune responses during blight induction	2018	Functional Plant Biology	45	5		561	574	8.08	Article
137. Singh, D., Geat, N., Rajawat, M.V.S., Mahajan, M.M., Prasanna, R., Singh, S., Kaushik, R., Singh, R.N., Kumar, K., Saxena, A.K.	Deciphering the Mechanisms of Endophyte-Mediated Biofortification of Fe and Zn in Wheat	2018	Journal of Plant Growth Regulation	37	1		174	182	8.05	Article
138. Kumar, S., Gaiind, S.	Fermentative production of soluble phosphorus fertilizer using paddy straw: an alternate to biomass burning	2018	International Journal of Environmental Science and Technology						8.04	Article in Press
139. Upadhyay, N., Jaiswal, P., Jha, S.N.	Application of attenuated total reflectance Fourier Transform Infrared spectroscopy (ATR-FTIR) in MIR range coupled with chemometrics for detection of pig body fat in pure ghee (heat clarified milk fat)	2018	Journal of Molecular Structure	1153			275	281	8.01	Article
140. Chidambaranathan, P., Jagannadham, P.T.K., Satheesh, V., Kohli, D.,	Genome-wide analysis identifies chickpea (Cicer arietinum) heat stress transcription factors (Hsfs)	2018	Journal of Plant Research	131	3		525	542	8.00	Article

Basavarajappa, S.H., Chellapilla, B., Kumar, J., Jain, P.K., Srinivasan, R.	responsive to heat stress at the pod development stage									
141. Muslim, M., Ansari, M.S., Hasan, F.	Non-target toxicity of synthetic insecticides on the biological performance and population growth of <i>Bracon hebetor</i> Say	2018	Ecotoxicology	27	7		1019	1031	7.99	Article
142. Rudra, S.G., Nishani, S., Singh, B.P.	On-line rheology of pearl millet flours during extrusion: Effect of native amylose	2018	Journal of Food Process Engineering	41	8	e12924			7.96	Article
143. Nagar, G., Sharma, A.K., Kumar, S., Saravanan, B.C., Kumar, R., Gupta, S., Kumar, S., Ghosh, S.	Molecular mechanism of synthetic pyrethroid and organophosphate resistance in field isolates of <i>Rhipicephalus microplus</i> tick collected from a northern state of India	2018	Experimental and Applied Acarology	75	3		319	331	7.93	Article
144. Sharma, R.R., Datta, S.C., Varghese, E.	Effect of Surround WP <sup>®</sup> , a kaolin-based particle film on sunburn, fruit cracking and postharvest quality of "Kandhari" pomegranates	2018	Crop Protection	114			18	22	7.92	Article
145. Dubey, S.C., Singh, B., Tripathi, A.	Integrated management of wet root rot, yellow mosaic, and leaf crinkle diseases of urdbean by seed treatment and foliar spray of insecticide, fungicide, and biocontrol agent	2018	Crop Protection	112			269	273	7.92	Article
146. Holkar, S.K., Basavaraj, Y.B., Mandal, B., Jain, R.K.	Optimization of a more efficient protocol for mechanical inoculation for watermelon bud necrosis orthospovirus and its validation with different watermelon genotypes	2018	Crop Protection	108			110	119	7.92	Article
147. Hiremani, N.S., Dubey, S.C.	Race profiling of <i>Fusarium</i> <i>oxysporum</i> f. sp. <i>lentis</i> causing wilt in lentil	2018	Crop Protection	108			23	30	7.92	Article
148. Rai, R., Khurana, S.M.P., Kumar, S., Gupta, N.,	Serological detection of Grapevine leafroll-associated virus 4 in	2018	Crop Protection	109			128	135	7.92	Article

Baranwal, V.K.	grapevine growing areas of India using polyclonal antiserum raised against the recombinant coat protein									
149.Kaur, S., Kaur, R., Chauhan, B.S.	Understanding crop-weed-fertilizer-water interactions and their implications for weed management in agricultural systems	2018	Crop Protection	103			65	72	7.92	Review
150.Mawlong, I., Kumar, M.S.S., Kandpal, B.K., Premi, O.P., Joshi, A., Gurung, B.	Comparing oil color and oxidative stability among mustard genotypes under nitrogen fertilization	2018	Agronomy Journal	110	6		2277	2287	7.90	Article
151.Rana, D.S., Dass, A., Rajanna, G.A., Choudhary, A.K.	Fertilizer phosphorus solubility effects on Indian Mustard and wheat-soybean cropping systems productivity	2018	Agronomy Journal	110	6		2608	2618	7.90	Article
152.Suresh, A., KS, A., Jha, G., Pal, S.	Micro-irrigation development in India: an analysis of distributional pattern and potential correlates	2018	International Journal of Water Resources Development						7.90	Article in Press
153.Singh, C.K., Singh, D., Tomar, R.S.S., Karwa, S., Upadhyaya, K.C., Pal, M.	Molecular mapping of aluminium resistance loci based on root re-growth and Al-induced fluorescent signals (callose accumulation) in lentil ( <i>Lens culinaris Medikus</i> )	2018	Molecular Biology Reports	45	6		2103	2113	7.89	Article
154.Kumar, M., Dahuja, A., Sachdev, A., Kaur, C., Varghese, E., Saha, S., Sairam, K.V.S.S.	Black Carrot ( <i>Daucus carota</i> ssp.) and Black Soybean ( <i>Glycine max</i> (L.) Merr.) Anthocyanin Extract: A Remedy to Enhance Stability and Functionality of Fruit Juices by Copigmentation	2018	Waste and Biomass Valorization						7.87	Article in Press
155.Sharma, S., Nandal, P., Arora, A.	Ethanol Production from NaOH Pretreated Rice Straw: a Cost Effective Option to Manage Rice Crop Residue	2018	Waste and Biomass Valorization				1	8	7.87	Article in Press
156.Chaudhary, K., Chattopadhyay, A., Pratap, D.	The evolution of CRISPR/Cas9 and their cousins: hope or hype?	2018	Biotechnology Letters	40	3		465	477	7.85	Review
157.Rajan, T.S., Muralitharan,	Flight of three major insect pests of	2018	Journal of Stored	76			43	50	7.83	Article

V., Daghli, G.J., Mohankumar, S., Rafter, M.A., Chandrasekaran, S., Mohan, S., Vimal, D., Srivastava, C., Loganathan, M., Walter, G.H.	stored grain in the monsoonal tropics of India, by latitude, season and habitat		Products Research								
158.Lenka, S.K., Muthusamy, S.K., Chinnusamy, V., Bansal, K.C.	Ectopic Expression of Rice PYL3 Enhances Cold and Drought Tolerance in Arabidopsis thaliana	2018	Molecular Biotechnology				1	12	7.82	Article in Press	
159.Pramanik, P., Chakrabarti, B., Bhatia, A., Singh, S.D., Mridha, N., Krishnan, P.	Effect of elevated carbon dioxide on soil hydrothermal regimes and growth of maize crop (Zea mays L.) in semi-arid tropics of Indo-Gangetic Plains	2018	Environmental Monitoring and Assessment	190	11	661			7.80	Article	
160.Pramanik, P., Chakrabarti, B., Bhatia, A., Singh, S.D., Maity, A., Aggarwal, P., Krishnan, P.	Effect of elevated temperature on soil hydrothermal regimes and growth of wheat crop	2018	Environmental Monitoring and Assessment	190	4	217			7.80	Article	
161.Arora, B., Sethi, S., Joshi, A., Sagar, V.R., Sharma, R.R.	Antioxidant degradation kinetics in apples	2018	Journal of Food Science and Technology	55	4		1306	1313	7.80	Article	
162.Paul, A., Banerjee, K., Goon, A., Saha, S.	Chemo-profiling of anthocyanins and fatty acids present in pomegranate aril and seed grown in Indian condition and its bioaccessibility study	2018	Journal of Food Science and Technology	55	7		2488	2496	7.80	Article	
163.Kumar, P., Sethi, S., Sharma, R.R., Srivastav, M., Singh, D., Varghese, E.	Edible coatings influence the cold-storage life and quality of "Santa Rosa" plum (Prunus salicina Lindell)	2018	Journal of Food Science and Technology	55	6		2344	2350	7.80	Article	
164.Goel, S., Yadav, M., Singh, K., Jaat, R.S., Singh, N.K.	Exploring diverse wheat germplasm for novel alleles in HMW-GS for bread quality improvement	2018	Journal of Food Science and Technology	55	8		3257	3262	7.80	Article	
165.Katyal, M., Viridi, A.S., Singh, N., Chopra, N., Kaur, A., Ahlawat, A.K., Singh, A.M.	Fractionation and grain hardness effect on protein profiling, pasting and rheological properties of flours from medium-hard and	2018	Journal of Food Science and Technology	55	11		4661	4674	7.80	Article	



	extraordinarily soft wheat varieties									
166.Kumar, P., Sethi, S., Sharma, R.R., Singh, S., Varghese, E.	Improving the shelf life of fresh-cut "Royal Delicious"™ apple with edible coatings and anti-browning agents	2018	Journal of Food Science and Technology	55	9		3767	3778	7.80	Article
167.Kumar, P., Sethi, S., Sharma, R.R., Singh, S., Saha, S., Sharma, V.K., Verma, M.K., Sharma, S.K.	Nutritional characterization of apple as a function of genotype	2018	Journal of Food Science and Technology	55	7		2729	2738	7.80	Article
168.Nath, P., Kale, S.J., Kaur, C., Chauhan, O.P.	Phytonutrient composition, antioxidant activity and acceptability of muffins incorporated with red capsicum pomace powder	2018	Journal of Food Science and Technology	55	6		2208	2219	7.80	Article
169.Das, T.K., Das, D.K.	Using chemical seed dormancy breakers with herbicides for weed management in soyabean and wheat	2018	Weed Research	58	3		188	199	7.77	Article
170.Das, B., Sahoo, R.N., Biswas, A., Pargal, S., Krishna, G., Verma, R., Chinnusamy, V., Sehgal, V.K., Gupta, V.K.	Discrimination of rice genotypes using field spectroradiometry	2018	Geocarto International						7.76	Article in Press
171.Maheshwari, Y., Vijayanandraj, S., Jain, R.K., Mandal, B.	Field-usable lateral flow immunoassay for the rapid detection of a macluravirus, large cardamom chirke virus	2018	Journal of Virological Methods	253			43	48	7.76	Review
172.Nishad, J., Singh, S.P., Singh, S., Saha, S., Dubey, A.K., Varghese, E., Kaur, C.	Bioactive compounds and antioxidant activity of selected Indian pummelo ( <i>Citrus grandis</i> L. Osbeck) germplasm	2018	Scientia Horticulturae	233			446	454	7.76	Article
173.Holkar, S.K., Choudhary, H., Mandal, B., Jain, R.K.	Evaluation of watermelon genotypes against bud necrosis disease caused by a distinct watermelon bud necrosis orthospovirus under field and glasshouse conditions	2018	Scientia Horticulturae	235			106	115	7.76	Article
174.Bhatia, R., Dey, S.S., Parkash, C., Sharma, K.,	Modification of important factors for efficient microspore	2018	Scientia Horticulturae	233			178	187	7.76	Article

Sood, S., Kumar, R.	embryogenesis and doubled haploid production in field grown white cabbage ( <i>Brassica oleracea</i> var. <i>capitata</i> L.) genotypes in India									
175.Kumar, C., Singh, S.K., Pramanick, K.K., Verma, M.K., Srivastav, M., Singh, R., Bharadwaj, C., Naga, K.C.	Morphological and biochemical diversity among the <i>Malus</i> species including indigenous Himalayan wild apples	2018	Scientia Horticulturae	233			204	219	7.76	Article
176.Dey, S.S., Bhatia, R., Sharma, S.R., Sharma, K., Parkash, C., Kumar, R.	Population dynamics in introgression of wild male sterile cytoplasm into <i>Brassica oleracea</i> : a small population based breeding modelr	2018	Scientia Horticulturae	232			231	239	7.76	Article
177.Yadav, R.S., Singh, V., Pal, S., Meena, S.K., Meena, V.S., Sarma, B.K., Singh, H.B., Rakshit, A.	Seed bio-priming of baby corn emerged as a viable strategy for reducing mineral fertilizer use and increasing productivity	2018	Scientia Horticulturae	241			93	99	7.76	Article
178.Thagela, P., Yadav, R.K., Tripathi, K., Singh, P.K., Ahmad, A., Dahuja, A., Abraham, G.	Salinity induced changes in the chloroplast proteome of the aquatic pteridophyte <i>Azolla microphylla</i>	2018	Symbiosis	75	1		61	67	7.71	Article
179.Bera, T., Purakayastha, T.J., Patra, A.K., Datta, S.C.	Comparative analysis of physicochemical, nutrient, and spectral properties of agricultural residue biochars as influenced by pyrolysis temperatures	2018	Journal of Material Cycles and Waste Management	20	2		1115	1127	7.69	Article
180.Pooniya, V., Shivay, Y.S., Pal, M., Bansal, R.	Relative performance of boron, sulphur and zinc coatings onto prilled urea for increasing productivity and nitrogen use efficiency in Maize	2018	Experimental Agriculture	54	4		577	591	7.68	Article
181.Sarkar, D.J., Singh, A.	pH-triggered release of boron and thiamethoxam from boric acid crosslinked carboxymethyl cellulose hydrogel based formulations	2018	Polymer - Plastics Technology and Engineering	58	1		83	96	7.66	Article
182.Mandal, N., Datta, S.C., Manjaiah, K.M., Dwivedi,	Zincated nanoclay polymer composites ( <i>Zncpcs</i> ): Synthesis,	2018	Polymer - Plastics	57	17		1760	1770	7.66	Article

B.S., Kumar, R., Aggarwal, P.	characterization, biodegradation and controlled release behaviour in soil		Technology and Engineering							
183.Mohammad, A., Sudhishri, S., Das, T.K., Singh, M., Bhattacharyya, R., Dass, A., Khanna, M., Sharma, V.K., Dwivedi, N., Kumar, M.	Water balance in direct-seeded rice under conservation agriculture in North-western Indo-Gangetic Plains of India	2018	Irrigation Science	36	6		381	393	7.65	Article
184.Thapa, S., Prasanna, R., Ramakrishnan, B., Sheoran, N., Kumar, A., Velmourougane, K., Kumar, A.	Interactive effects of magnaporthe inoculation and nitrogen doses on the plant enzyme machinery and phyllosphere microbiome of resistant and susceptible rice cultivars	2018	Archives of Microbiology	200	9		1287	1305	7.61	Article
185.Manna, S., Singh, N., Singh, S.B.	In-vitro evaluation of rice and wheat straw biochars' effect on pyrazosulfuron-ethyl degradation and microbial activity in rice-planted soil	2018	Soil Research	56	6		579	587	7.59	Article
186.Kshetri, P., Roy, S.S., Sharma, S.K., Singh, T.S., Ansari, M.A., Sailo, B., Singh, S., Prakash, N.	Feather degrading, phytostimulating, and biocontrol potential of native actinobacteria from North Eastern Indian Himalayan Region	2018	Journal of Basic Microbiology	58	9		730	738	7.58	Article
187.Thapa, S., Ranjan, K., Ramakrishnan, B., Velmourougane, K., Prasanna, R.	Influence of fertilizers and rice cultivation methods on the abundance and diversity of phyllosphere microbiome	2018	Journal of Basic Microbiology	58	2		172	186	7.58	Article
188.Shirnalli, G.G., Kaushik, M.S., Kumar, A., Abraham, G., Singh, P.K.	Isolation and characterization of high protein and phycocyanin producing mutants of <i>Arthrospira platensis</i>	2018	Journal of Basic Microbiology	58	2		162	171	7.58	Article
189.Mishra, B.N., Kaushik, M.S., Abraham, G., Singh, P.K.	Physico-chemical factors influencing spore germination in cyanobacterium <i>Fischerella muscicola</i>	2018	Journal of Basic Microbiology	58	8		679	685	7.58	Article
190.Reynolds, M.P., Pask, A.J.D., Hoppitt, W.J.E.,	Correction to: Strategic crossing of biomass and harvest index	2018	Euphytica	214	1	9			7.55	Erratum

Sonder, K., Sukumaran, S., Molerio, G., Pierre, C.S., Payne, T., Singh, R.P., Braun, H.J., Gonzalez, F.G., Terrile, I.I., Barma, N.C.D., Hakim, A., He, Z., Fan, Z., Novoselovic, D., Maghraby, M., Gad, K.I.M., Galal, E.H.G., Hagra, A., Mohamed, M.M., Morad, A.F.A., Kumar, U., Singh, G.P., Naik, R., Kalappanavar, I.K., Biradar, S., Sai Prasad, S.V., Chatrath, R., Sharma, I., Panchabhai, K., Sohu, V.S., Mavi, G.S., Mishra, V.K., Balasubramaniam, A., Jalal-Kamali, M.R., Khodarahmi, M., Dastfal, M., Tabib-Ghaffari, S.M., Jafarby, J., Nikzad, A.R., Moghaddam, H.A., Ghogh, H., Mehraban, A., Solás-Moya, E., Camacho-Casas, M.A., Figueroa-López, P., Ireta-Moreno, J., Alvarado-Padilla, J.I., Borbón-Gracia, A., Torres, A., Quiche, Y.N., Upadhyay, S.R., Pandey, D., Imtiaz, M., Rehman, M.U., Hussain, M., Hussain, M., Ud-Din, R., Qamar, M., Sohail, M., Mujahid, M.Y., Ahmad, G., Khan, A.J., Sial, M.A., Mustatea

and sinkâ€”achieves genetic gains in wheat (*Euphytica*, (2017), 213, 257, 10.1007/s10681-017-2040-z)

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191.Singh, S., Bhatia, R., Kumar, R., Sharma, K., Dash, S., Dey, S.S.	Cytoplasmic male sterile and doubled haploid lines with desirable combining ability enhances the concentration of important antioxidant attributes in Brassica oleracea	2018	Euphytica	214	11	207			7.55	Article
192.Singh, S., Dey, S.S., Bhatia, R., Batley, J., Kumar, R.	Molecular breeding for resistance to black rot [ <i>Xanthomonas campestris</i> pv. <i>campestris</i> (Pammel) Dowson] in Brassicas: recent advances	2018	Euphytica	214	10	196			7.55	Review
193.Jalgaonkar, K., Jha, S.K., Mahawar, M.K.	Influence of incorporating defatted soy flour, carrot powder, mango peel powder, and moringa leaves powder on quality characteristics of wheat semolina-pearl millet pasta	2018	Journal of Food Processing and Preservation	42	4	e13575			7.51	Article
194.Parkash, C., Kumar, S., Singh, R., Kumar, A., Kumar, S., Dey, S.S., Bhatia, R., Kumar, R.	OGURA™-based CMS™ lines with different nuclear backgrounds of cabbage revealed substantial diversity at morphological and molecular levels	2018	3 Biotech	8	1	27			7.50	Article
195.Gumi, A.M., Guha, P.K., Mazumder, A., Jayaswal, P., Mondal, T.K.	Characterization of OglDREB2A gene from African rice ( <i>Oryza glaberrima</i> ), comparative analysis and its transcriptional regulation under salinity stress	2018	3 Biotech	8	2	91			7.50	Article
196.Kumar, P., Gambhir, G., Gaur, A., Sharma, K.C., Thakur, A.K., Srivastava, D.K.	Development of transgenic broccoli with cryIAa gene for resistance against diamondback moth ( <i>Plutella xylostella</i> )	2018	3 Biotech	8	7	299			7.50	Article
197.Kumar, P.V., Sharma, S.K., Rishi, N., Baranwal, V.K.	Efficient immunodiagnosis of Citrus yellow mosaic virus using polyclonal antibodies with an	2018	3 Biotech	8	1	39			7.50	Article

	expressed recombinant virion-associated protein									
198.Chandrashekar, N., Ali, S., Grover, A.	Exploring expression patterns of PR-1, PR-2, PR-3, and PR-12 like genes in Arabidopsis thaliana upon Alternaria brassicae inoculation	2018	3 Biotech	8	5	230			7.50	Article
199.Dubey, S.C., Tripathi, A., Tak, R.	Expression of defense-related genes in mung bean varieties in response to Trichoderma virens alone and in the presence of Rhizoctonia solani infection	2018	3 Biotech	8	10	432			7.50	Article
200.Shashank, P.R., Twinkle, S., Chandrashekar, K., Meshram, N.M., Suroshe, S.S., Bajracharya, A.S.R.	Genetic homogeneity in South American tomato pinworm, Tuta absoluta: a new invasive pest to oriental region	2018	3 Biotech	8	8	350			7.50	Article
201.Bhooshan, N., Pabbi, S., Singh, A., Sharma, A., Chetan, Jaiswal, A., Kumar, A.	Impact of blue-green algae (BGA) technology: an empirical evidence from northwestern Indo-Gangetic Plains	2018	3 Biotech	8	8	324			7.50	Article
202.Ali, S., Mir, Z.A., Bhat, J.A., Tyagi, A., Chandrashekar, N., Yadav, P., Rawat, S., Sultana, M., Grover, A.	Isolation and characterization of systemic acquired resistance marker gene PR1 and its promoter from Brassica juncea	2018	3 Biotech	8	1	10			7.50	Article
203.Zunjare, R.U., Chhabra, R., Hossain, F., Baveja, A., Muthusamy, V., Gupta, H.S.	Molecular characterization of 5'UTR of the lycopene epsilon cyclase (lcyE) gene among exotic and indigenous inbreds for its utilization in maize biofortification	2018	3 Biotech	8	1	75			7.50	Article
204.Gopala, Rao, G.P.	Molecular characterization of phytoplasma associated with four important ornamental plant species in India and identification of natural potential spread sources	2018	3 Biotech	8	2	116			7.50	Article
205.Punjabi, M., Bharadvaja, N., Sachdev, A., Krishnan, V.	Molecular characterization, modeling, and docking analysis of late phytic acid biosynthesis pathway gene, inositol	2018	3 Biotech	8	8	344			7.50	Article

	polyphosphate 6-/3-/5-kinase, a potential candidate for developing low phytate crops									
206.Tewari, K., Kumar, V., Kumar, A., Bansal, N., Vinutha, T., Ali, K., Sachdev, A., Kumari, S., Dahuja, A.	Molecular cloning and functional analysis of the promoter of Î³-Tocopherol Methyl Transferase (Î³-TMT) gene of soybean ( <i>Glycine max</i> )	2018	3 Biotech	8	8	325			7.50	Article
207.Pandey, V., Krishnan, V., Basak, N., Marathe, A., Thimmegowda, V., Dahuja, A., Jolly, M., Sachdev, A.	Molecular modeling and in silico characterization of GmABCC5: a phytate transporter and potential target for low-phytate crops	2018	3 Biotech	8	1	54			7.50	Article
208.Sehgal, N., Singh, S.	Progress on deciphering the molecular aspects of cell-to-cell communication in Brassica self-incompatibility response	2018	3 Biotech	8	8	347			7.50	Review
209.Avashthi, H., Pathak, R.K., Pandey, N., Arora, S., Mishra, A.K., Gupta, V.K., Ramteke, P.W., Kumar, A.	Transcriptome-wide identification of genes involved in Ascorbateâ€œGlutathione cycle (Halliwellâ€œAsada pathway) and related pathway for elucidating its role in antioxidative potential in finger millet ( <i>Eleusine coracana</i> (L.))	2018	3 Biotech	8	12	499			7.50	Article
210.Annapurna, K., Govindasamy, V., Sharma, M., Ghosh, A., Chikara, S.K.	Whole genome shotgun sequence of <i>Bacillus paralicheniformis</i> strain KMS 80, a rhizobacterial endophyte isolated from rice ( <i>Oryza sativa</i> L.)	2018	3 Biotech	8	5	223			7.50	Article
211.Aggarwal, R., Kulshreshtha, D., Sharma, S., Singh, V.K., Manjunatha, C., Bhardwaj, S.C., Saharan, M.S.	Molecular characterization of Indian pathotypes of <i>Puccinia striiformis</i> f. Sp. tritici and multigene phylogenetic analysis to establish inter-and intraspecific relationships	2018	Genetics and Molecular Biology	41	4		834	842	7.49	Article
212.Mukherjee, I., Das, S.K., Kumar, A.	Atmospheric CO <sup>2</sup> Level and Temperature Affect Degradation of Pretilachlor and Butachlor in Indian Soil	2018	Bulletin of Environmental Contamination and Toxicology	100	6		856	861	7.48	Article

213.Singh, N.S., Mukherjee, I., Das, S.K., Varghese, E.	Leaching of Clothianidin in Two Different Indian Soils: Effect of Organic Amendment	2018	Bulletin of Environmental Contamination and Toxicology	100	4		553	559	7.48	Article
214.Bandeppa, Paul, S., Aggarwal, C., Manjunatha, B.S., Rathi, M.S.	Characterization of osmotolerant rhizobacteria for plant growth promoting activities in vitro and during plant-microbe association under osmotic stress	2018	Indian Journal of Experimental Biology	56	8		582	589	7.48	Article
215.Jain, N., Singh, G.P., Pandey, R., Ramya, P., Singh, P.K., Nivedita, Prabhu, K.V.	Chlorophyll fluorescence kinetics and response of wheat ( <i>Triticum aestivum</i> L.) under high temperature stress	2018	Indian Journal of Experimental Biology	56	3		194	201	7.48	Article
216.Sharma, K., Sridhar, J., Sharma, R.K.	Effect of dietary antioxidants on growth and development of Taro caterpillar, <i>Spodoptera litura</i> (Fab.)	2018	Indian Journal of Experimental Biology	56	2		129	135	7.48	Article
217.Shukla, A., Srivastava, N., Suneja, P., Yadav, S.K., Hussain, Z., Rana, J.C., Yadav, S.	Genetic diversity analysis in buckwheat germplasm for nutritional traits	2018	Indian Journal of Experimental Biology	56	11		827	837	7.48	Article
218.Leon, V.C., Raja, M., Pandian, R.T.P., Kumar, A., Sharma, P.	Opportunistic endophytism of <i>Trichoderma</i> species in rice Pusa Basmati-1 (PB1)	2018	Indian Journal of Experimental Biology	56	2		121	128	7.48	Article
219.Dhillon, M.K., Chaudhary, D.P.	Physicochemical mechanisms of resistance in sorghum to <i>Chilo partellus</i> (Swinhoe)	2018	Indian Journal of Experimental Biology	56	1		29	38	7.48	Article
220.Venkat Raman, K., Aggarwal, D., Raghavendra Rao, S., Sreevathsa, R., Singh, A.K., Abdin, M.Z., Mohapatra, T., Pattanayak, D.	Rapid and efficient <i>Agrobacterium</i> mediated transformation of early scutellum derived calli of indica rice	2018	Indian Journal of Experimental Biology	56	1		20	28	7.48	Article
221.Dhillon, M.K., Singh, N., Tanwar, A.K., Yadava, D.K., Vasudeva, S.	Standardization of screening techniques for resistance to <i>lipaphis erysimi</i> (Kalt.) in rapeseed-mustard under field conditions	2018	Indian Journal of Experimental Biology	56	9		674	685	7.48	Article
222.Jambhulkar, P.P., Sharma,	Assessing synergism of combined	2018	European Journal	152	3		747	757	7.47	Article



P., Manokaran, R., Lakshman, D.K., Rokadia, P., Jambhulkar, N.	applications of <i>Trichoderma harzianum</i> and <i>Pseudomonas fluorescens</i> to control blast and bacterial leaf blight of rice		of Plant Pathology							
223.Rao, G.P., Madhupriya, Kumar, M., Tomar, S., Maya, B., Singh, S.K., Johnson, J.M.	Detection and identification of four 16Sr subgroups of phytoplasmas associated with different legume crops in India	2018	European Journal of Plant Pathology	150	2		507	513	7.47	Article
224.Singh, V., Amaradasa, B.S., Karjagi, C.G., Lakshman, D.K., Hooda, K.S., Kumar, A.	Morphological and molecular variability among Indian isolates of <i>Rhizoctonia solani</i> causing banded leaf and sheath blight in maize	2018	European Journal of Plant Pathology	152	1		45	60	7.47	Article
225.Balamurugan, A., Kumar, A., Muthamilan, M., Sakthivel, K., Vibhuti, M., Ashajyothi, M., Sheoran, N., Kamalakannan, A., Shanthi, A., Arumugam, T.	Outbreak of tomato wilt caused by <i>Ralstonia solanacearum</i> in Tamil Nadu, India and elucidation of its genetic relationship using multilocus sequence typing (MLST)	2018	European Journal of Plant Pathology	151	3		831	839	7.47	Article
226.Sharma, V., Salwan, R., Shanmugam, V.	Unraveling the multilevel aspects of least explored plant beneficial <i>Trichoderma saturnisporum</i> isolate GITX-Panog (C)	2018	European Journal of Plant Pathology	152	1		169	183	7.47	Article
227.Parveen, S., Ranjan, R.K., Anand, A., Singh, B.	Combined deficiency of nitrogen and iron increases senescence induced remobilization of plant immobile iron in wheat	2018	Acta Physiologiae Plantarum	40	12	211			7.44	Article
228.Jayarajan, S., Sharma, R.R.	Impact of nitric oxide on shelf life and quality of nectarine ( <i>Prunus persica</i> var. <i>nucipersica</i> )	2018	Acta Physiologiae Plantarum	40	12	207			7.44	Article
229.Meher, H.C., Singh, G., Chawla, G.	Metabolic alternations of some amino acids, coenzymes, phytohormones and vitamins in chickpea crop grown from seeds soaked with defense stimulator	2018	Acta Physiologiae Plantarum	40	3	45			7.44	Article
230.Kumari, A., Hada, A., Subramanyam, K., Thebora, J., Misra, S.,	RNAi-mediated resistance to yellow mosaic viruses in soybean targeting coat protein gene	2018	Acta Physiologiae Plantarum	40	2	32			7.44	Article

Ganapathi, A., Malathi, V.G.										
231.Changan, S.S., Ali, K., Kumar, V., Garg, N.K., Tyagi, A.	Abscisic acid biosynthesis under water stress: anomalous behavior of the 9-cis-epoxycarotenoid dioxygenase1 (NCED1) gene in rice	2018	Biologia Plantarum	62	4		663	670	7.42	Article
232.Singh, D., Geat, N., Rajawat, M.V.S., Prasanna, R., Kar, A., Singh, A.M., Saxena, A.K.	Prospecting endophytes from different Fe or Zn accumulating wheat genotypes for their influence as inoculants on plant growth, yield, and micronutrient content	2018	Annals of Microbiology	68	12		815	833	7.41	Article
233.Thapa, S., Prasanna, R.	Prospecting the characteristics and significance of the phyllosphere microbiome	2018	Annals of Microbiology	68	5		229	245	7.41	Review
234.Baite, M.S., Dubey, S.C.	Pathogenic variability of Ascochyta rabiei causing blight of chickpea in India	2018	Physiological and Molecular Plant Pathology	102			122	127	7.40	Article
235.Gaur, P.M., Samineni, S., Thudi, M., Tripathi, S., Sajja, S.B., Jayalakshmi, V., Mannur, D.M., Vijayakumar, A.G., Ganga Rao, N.V.P.R., Ojiewo, C., Fikre, A., Kimurto, P., Kileo, R.O., Girma, N., Chaturvedi, S.K., Varshney, R., Dixit, G.P.	Integrated breeding approaches for improving drought and heat adaptation in chickpea (Cicer arietinum L.)	2018	Plant Breeding						7.39	Article in Press
236.Rai, N., Bellundagi, A., Kumar, P.K.C., Kalasapura Thimmappa, R., Rani, S., Sinha, N., krishna, H., Jain, N., Singh, G.P., Singh, P.K., Chand, S., Prabhu, K.V.	Marker-assisted backcross breeding for improvement of drought tolerance in bread wheat (Triticum aestivum L. em Thell)	2018	Plant Breeding	137	4		514	526	7.39	Article
237.Sachdeva, S., Bharadwaj, C., Sharma, V., Patil, B.S., Soren, K.R., Roorkiwal, M., Varshney, R., Bhat,	Molecular and phenotypic diversity among chickpea (Cicer arietinum) genotypes as a function of drought tolerance	2018	Crop and Pasture Science	69	2		142	153	7.35	Article

K.V.										
238.Singh, G., Setter, T.L., Singh, M.K., Kulshreshtha, N., Singh, B.N., Stefanova, K., Tyagi, B.S., Singh, J.B., Kherawat, B.S., Barrett-Lennard, E.G.	Number of tillers in wheat is an easily measurable index of genotype tolerance to saline waterlogged soils: Evidence from 10 large-scale field trials in India	2018	Crop and Pasture Science	69	6		561	573	7.35	Article
239.Choudhary, J., Singh, S., Sharma, A., Tiwari, R., Nain, L.	Complementary effect of thermotolerant yeast and cold active cellulase on simultaneous saccharification and fermentation for bioethanol production from rice straw	2018	Journal of Renewable and Sustainable Energy	10	4	43102			7.34	Article
240.Shankar, S., Kaur, S.	Determination and distribution of CRY1-type genes in bacillus thuringiensis isolated from North India	2018	Environmental Engineering and Management Journal	17	3		621	630	7.33	Article
241.Banerjee, A., Rudra, S.G., Mazumder, K., Nigam, V., Bandopadhyay, R.	Structural and Functional Properties of Exopolysaccharide Excreted by a Novel Bacillus anthracis (Strain PFAB2) of Hot Spring Origin	2018	Indian Journal of Microbiology	58	1		39	50	7.31	Article
242.Sharma, A., Nain, V., Tiwari, R., Singh, S., Nain, L.	Optimization of fermentation condition for co-production of ethanol and 2,3-butanediol (2,3-BD) from hemicellulosic hydrolysates by Klebsiella oxytoca XF7	2018	Chemical Engineering Communications	205	3		402	410	7.28	Article
243.Vishwakarma, R., Dhar, D.W., Pabbi, S.	Formulation of a minimal nutritional medium for enhanced lipid productivity in Chlorella sp. and Botryococcus sp. using response surface methodology	2018	Water Science and Technology	77	6		1660	1672	7.25	Article
244.Chaturvedi, S., Kumari, A., Nain, L., Khare, S.K.	Bioprospecting microbes for single-cell oil production from starchy wastes	2018	Preparative Biochemistry and Biotechnology	48	3		296	302	7.24	Article
245.Paul, R., Singh, R.D., Patra, A.K., Biswas, D.R., Bhattacharyya, R.,	Phosphorus dynamics and solubilizing microorganisms in acid soils under different land uses of	2018	Agroforestry Systems	92	2		449	461	7.20	Article

Arunkumar, K.	Lesser Himalayas of India									
246.Mahmoud, A., Singh, S.D., Muralikrishna, K.S., Pathak, H., Saha, N.D.	Soil microbial responses as influenced by Jatropha plantation under rainfed condition in north-west India	2018	Agroforestry Systems	92	1		47	58	7.20	Article
247.Shukla, A.K., Kumar, S., Ram, S.N.	Yield, soil health and moisture status in bael (Aegle marmelos)-based hortipasture system in semi-arid ecosystem of India	2018	Agroforestry Systems				1	9	7.20	Article in Press
248.Shivakumara, T.N., Dutta, T.K., Rao, U.	A novel in vitro chemotaxis bioassay to assess the response of Meloidogyne incognita towards various test compounds	2018	Journal of Nematology	50	4		487	494	7.20	Article
249.Phani, V., Bishnoi, S., Sharma, A., Davies, K.G., Rao, U.	Characterization of Meloidogyne indica (Nematoda: Meloidogynidae) Parasitizing Neem in India, with a molecular phylogeny of the species	2018	Journal of Nematology	50	3		387	398	7.20	Article
250.Somvanshi, V.S., Tathode, M., Shukla, R.N., Rao, U.	Nematode genome announcement: A draft genome for rice root-knot nematode, Meloidogyne graminicola	2018	Journal of Nematology	50	2		111	116	7.20	Article
251.Phani, V., Rao, U.	Revisiting the life-cycle of pasteuria penetrans infecting meloidogyne incognita under soil-less medium, and effect of streptomycin sulfate on its development	2018	Journal of Nematology	50	2		91	98	7.20	Article
252.Attri, A., Thakre, M., Yadav, P., Verma, M.K., Singh, B.	14 C-labeling technique for discerning source-sink carbon flow dynamics in kinnow (Citrus nobilis Lour—Citrus deliciosa Tenora) for better crop management	2018	Journal of Radioanalytical and Nuclear Chemistry	317	3		1447	1454	7.18	Article
253.Bharti, R.K., Dhar, D.W., Prasanna, R., Saxena, A.K.	Assessment of biomass and lipid productivity and biodiesel quality of an indigenous microalga Chlorella sorokiniana MIC-G5	2018	International Journal of Green Energy	15	1		45	52	7.17	Article
254.Gopala, Khasa, E., Rao, A., Madhupriya, Rao, G.P.	Molecular characterization of Clover proliferation™	2018	Physiology and Molecular	24	2		203	210	7.15	Article

	phytoplasma subgroup-D (16SrVI-D) associated with vegetables crops in India		Biology of Plants							
255.Semwal, V.K., Khanna-Chopra, R.	Reproductive sink enhanced drought induced senescence in wheat fertile line is associated with loss of antioxidant competence compared to its CMS line	2018	Physiology and Molecular Biology of Plants	24	4		591	604	7.15	Article
256.Singh, P., Kumar, N., Jethva, M., Yadav, S., Kumari, P., Thakur, A., Kushwaha, H.R.	Riboswitch regulation in cyanobacteria is independent of their habitat adaptations	2018	Physiology and Molecular Biology of Plants	24	2		315	324	7.15	Article
257.Peddamma, S.K., Ragichedu, P.K., Maddala, S., Sanjeeva Rao, D., Lella, V.S.R., Konne, K., Sripada, P., Gopala Krishnan, S., Singh, A.K., Maganti, S.M.	Insight of aroma in brown rice through chemical assessment of 2-Acetyl-1-pyrroline (2AP) in aromatic germplasm of India	2018	Cereal Chemistry	95	5		679	688	7.14	Article
258.Sharma, T.V.R.S., Singh, S., Singh, P.K.	Crop wild relatives in Andaman and Nicobar Islands, India	2018	Genetic Resources and Crop Evolution	65	8		2303	2317	7.13	Article
259.Nataraj, V., Vinod, Sharma, J.B., Chanwala, J., Mallick, N., Jha, S.K.	Molecular characterization of Triticum militinae derived introgression lines carrying leaf rust resistance	2018	Genetic Resources and Crop Evolution	65	3		787	796	7.13	Article
260.Shukla, A., Srivastava, N., Suneja, P., Yadav, S.K., Hussain, Z., Rana, J.C., Yadav, S.	Untapped amaranth (Amaranthus spp.) genetic diversity with potential for nutritional enhancement	2018	Genetic Resources and Crop Evolution	65	1		243	253	7.13	Article
261.Banerjee, H., Das, T.K., Ray, K., Laha, A., Sarkar, S., Pal, S.	Herbicide ready-mixes effects on weed control efficacy, non-target and residual toxicities, productivity and profitability in sugarcane“green gram cropping system	2018	International Journal of Pest Management	64	3		221	229	7.09	Article
262.Nath, C.P., Das, T.K., Rana, K.S., Bhattacharyya,	Tillage and nitrogen management effects with sequential and ready-	2018	International Journal of Pest	64	4		303	314	7.09	Article

R., Paul, S., Singh, S.B., Meena, M.C., Hazra, K.K.	mix herbicides on weed diversity and wheat productivity		Management							
263. Singh, R.K., Sureja, A.K., Maiti, S., Tsering, D.	Grazing and rangeland management: Trans-human adaptations by Brokpa community in fragile ecosystems of Arunachal Pradesh	2018	Indian Journal of Traditional Knowledge	17	3		550	558	7.06	Article
264. Singhal, P., Rudra, S.G., Singh, R.K., Satya, S., Naik, S.N.	Impact of drying techniques on physical quality of bamboo shoots: Implications on tribal livelihoods	2018	Indian Journal of Traditional Knowledge	17	2		353	359	7.06	Article
265. Meena, N.K., Pal, R., Barman, D., Pant, R.P.	Indigenous approaches of orchid pest management in North East India	2018	Indian Journal of Traditional Knowledge	17	1		209	214	7.06	Article
266. Mangal, A.K., Tewari, D., Shantha, T.R., Bansal, S., Mangal, M.	Pharmacognostical standardization and HPTLC fingerprinting analysis of <i>Crocus sativus</i> L.	2018	Indian Journal of Traditional Knowledge	17	3		592	597	7.06	Article
267. Dhillon, M.K., Hasan, F.	Consequences of diapause on post-diapause development, reproductive physiology and population growth of <i>Chilo partellus</i> (Swinhoe)	2018	Physiological Entomology	43	3		196	206	7.06	Article
268. Ellango, R., Asokan, R., Chandra, G.S., Kumar, N.K.K., Mahmood, R., Ramamurthy, V.V.	Tyrosine Hydroxylase, a Potential Target for the RNAi-Mediated Management of Diamondback Moth (Lepidoptera: Plutellidae)	2018	Florida Entomologist	101	1		1	5	7.05	Review
269. Kumar, R., Palicherla, S.R., Mandal, B., Kadiri, S.	PCR based detection of betasatellite associated with the begomoviruses using improved universal primers	2018	Australasian Plant Pathology	47	1		115	118	7.01	Article
270. Chigure, G.M., Sharma, A.K., Kumar, S., Fular, A., Sagar, S.V., Nagar, G., Upadhaya, D., Saravanan, B.C., Kumar, R., Ghosh, S.	Role of metabolic enzymes in conferring resistance to synthetic pyrethroids, organophosphates, and phenylpyrazole compounds in <i>Rhipicephalus microplus</i>	2018	International Journal of Acarology	44	1		28	34	7.01	Article
271. Abdel-Moneim, A.S., Varma, A., Pujol, F.H., Lewis, G.K., Paweska, J.T., Romalde, J.L.,	Launching a Global Network of Virologists: The World Society for Virology (WSV)	2018	Intervirology	60	6		276	277	7.01	Letter

SÃ¶derlund-Venermo, M., Moore, M.D., Nevels, M.M., Vakharia, V.N., Joshi, V., Malik, Y.S., Shi, Z., Memish, Z.A.										
272.Mishra, M., Sharma, K., Subramanian, S.	Characterization of culturable gut bacterial isolates from wild population of melon fruit fly ( <i>Bactrocera cucurbitae</i> ) and assessing their attractancy potential for sustainable pest management	2018	Phytoparasitica	46	5		583	594	7.01	Article
273.Shashank, P.R., Kammar, V., Mally, R., Chakravarthy, A.K.	A new indian species of shoot and capsule borer of the genus <i>Conogethes</i> (Lepidoptera: Crambidae), feeding on cardamom	2018	Zootaxa	4374	2		215	234	6.93	Article
274.Meshram, N.M., Stuti, Raza Hashmi, T.	First record of the leafhopper genus <i>xenovarta viraktamath</i> (hemiptera, cicadellidae, deltocephalinae) from India with description of a new species	2018	Zootaxa	4532	3		444	446	6.93	Letter
275.Rajgopal, N.N., Meshram, N.M.	Second species of unusual leafhopper genus <i>Univagris</i> (Hemiptera: Cicadellidae: Deltocephalinae) from India	2018	Zootaxa	4514	3		425	430	6.93	Article
276.Meshram, N.M., Rai, S., Rajgopal, N.N., Ramya, N.	Two new species of tribe <i>agalliini</i> (Hemiptera: Cicadellidae: Megophthalminae) with note on intraspecific variations	2018	Zootaxa	4378	3		442	450	6.93	Article
277.Rawat, K.S., Sehgal, V.K., Pradhan, S., Ray, S.S.	Semi-empirical model for retrieval of soil moisture using RISAT-1 C-Band SAR data over a sub-tropical semi-arid area of Rewari district, Haryana (India)	2018	Journal of Earth System Science	127	2	18			6.89	Article
278.Singh, G., Sharma, A.R., Ghosh, P.K., Shivay, Y.S.	Agronomy for evergreen revolution	2018	Current Science	114	1		17	19	6.88	Article
279.Mali, S.S., Singh, D.K., Sarangi, A., Parihar, S.S.	Assessing water footprints and virtual water flows in Gomti river basin of India	2018	Current Science	115	4		721	728	6.88	Article

280.Rajpoot, S.K., Rana, D.S., Choudhary, A.K.	Bt-cotton-vegetable-based intercropping systems as influenced by crop establishment method and planting geometry of Bt-cotton in Indo-Gangetic plains region	2018	Current Science	115	3		516	522	6.88	Article
281.Shitu, G.A., Nain, M.S., Singh, R.	Developing extension model for uptake of precision conservation agricultural practices in developing nations: Learning from rice-wheat system of Africa and India	2018	Current Science	114	4		814	825	6.88	Review
282.Holkar, S.K., Mandal, B., Jain, R.K.	Development and validation of marker-free constructs based on nucleocapsid protein gene of watermelon bud necrosis orthotospovirus in watermelon	2018	Current Science	114	8		1742	1747	6.88	Article
283.Patel, N., Rajput, T.B.S., Dinkar, D.K., Ram, S., Singla, S.K.	DOMIS: A decision support system for design and cost estimation of micro-irrigation systems	2018	Current Science	115	12		2240	2248	6.88	Article
284.Anshida Beevi, C.N., Wason, M., Padaria, R.N., Singh, P.	Gender sensitivity in agricultural extension	2018	Current Science	115	6		1035	1036	6.88	Note
285.Guru-Pirasanna-Pandi, G., Chander, S., Pal, M., Soumia, P.S.	Impact of elevated CO <sub>2</sub> on Oryza sativa phenology and brown planthopper, Nilaparvata lugens (Hemiptera: Delphacidae) population	2018	Current Science	114	8		1767	1777	6.88	Article
286.Patle, G.T., Singh, D.K., Sarangi, A.	Modelling of climate-induced groundwater recharge for assessing carbon emission from groundwater irrigation	2018	Current Science	115	1		64	73	6.88	Article
287.Dandekar, A.T., Singh, D.K., Sarangi, A., Singh, A.K.	Modelling vadose zone processes for assessing groundwater recharge in semi-arid region	2018	Current Science	114	3		608	618	6.88	Article
288.Mahawar, M.K., Samuel, D.V.K., Sinha, J.P., Jalgaonkar, K.	Moisture-dependent physical and physiological properties of accelerated aged pea (Pisum sativum L.) seeds	2018	Current Science	114	4		909	915	6.88	Article
289.Paul, S., Vellaichamy, S.,	Nutritional security vis-À-vis food	2018	Current Science	114	3		439	441	6.88	Note



Satyapriya, Singh, P.	production in India: The strength of agri-nutri linkage in retrospect									
290.Thakur, J.K., Paul, S., Sinha, N.K., Rathi, M.S.	Optimization of factors affecting decolourization of sulphonated azo dye Red HE7B in vitro by Bacillus sp. Azol	2018	Current Science	115	3		505	509	6.88	Article
291.Jalgaonkar, K., Jha, S.K., Mahawar, M.K.	Quality evaluation of pearl millet based pasta as affected by depigmentation	2018	Current Science	115	6		1191	1195	6.88	Article
292.Chaudhary, K.	RNA base editing: Programmable protein machine	2018	Current Science	114	9		1808	1809	6.88	Note
293.Sharma, P.K., Arun Kumar, H.S.	Solar powered movable cold storage structure for perishables	2018	Current Science	114	10		2020	2022	6.88	Letter
294.Rajgopal, N.N., Stuti, Meshram, N.M., Shashank, P.R.	DNA barcoding and description of new species of Paradoridium Kirkaldy (Cicadellidae: Deltocephalinae: Eupelicini) from India	2018	Journal of Asia-Pacific Entomology	21	3		1059	1063	6.88	Article
295.Bhuyan, P.M., Sandilya, S.P., Nath, P.K., Gandotra, S., Subramanian, S., Kardong, D., Gogoi, D.K.	Optimization and characterization of extracellular cellulase produced by Bacillus pumilus MGB05 isolated from midgut of muga silkworm (Antheraea assamensis Helfer)	2018	Journal of Asia-Pacific Entomology	21	4		1171	1181	6.88	Article
296.Mondal, B., Singh, A., Singh, S.D., Kalra, B.S., Samal, P., Sinha, M.K., Ramajayam, D., Kumar, S.	Augmentation of water resources potential and cropping intensification through watershed programs	2018	Water Environment Research	90	2		101	109	6.83	Article
297.Sharma, P., Shefali, Pandey, B., Muthusamy, S.K., Kumar, S., Saharan, M.S., Kumar, S., Singroha, G., Sharma, I., Singh, G.P.	Development and validation of microsatellite markers for Karnal bunt (Tilletia indica) and loose smut (Ustilago segetum tritici) of wheat from related fungal species	2018	Journal of Phytopathology	166	10		729	738	6.82	Article
298.Pradhan, S., Sehgal, V.K., Bandyopadhyay, K.K., Sahoo, R.N., Panigrahi, P., Parihar, C.M., Jat, S.L.	Comparison of Vegetation Indices from Two Ground Based Sensors	2018	Journal of the Indian Society of Remote Sensing	46	2		321	326	6.81	Article
299.Chakraborty, D., Sehgal, V.K., Dhakar, R., Das,	Trends and Change-Point in Satellite Derived Phenology	2018	Journal of the Indian Society of	46	1		59	68	6.81	Article

D.K., Sahoo, R.N.	Parameters in Major Wheat Growing Regions of North India During the Last Three Decades		Remote Sensing							
300.Madhavan, J., Anand, A.	Exposure to Magnetic Fields Reveals a Positive Effect on In Vitro Propagation of Stevia rebaudiana (Bertoni)	2018	Sugar Tech						6.81	Article in Press
301.Gupta, P.K., Vasistha, N.K., Aggarwal, R., Joshi, A.K.	Biology of B. sorokiniana (syn. Cochliobolus sativus) in genomics era	2018	Journal of Plant Biochemistry and Biotechnology	27	2		123	138	6.77	Review
302.Zunjare, R.U., Chhabra, R., Hossain, F., Muthusamy, V., Baveja, A., Gupta, H.S.	Development and validation of multiplex-PCR assay for simultaneous detection of rare alleles of crtRB1 and lcyE governing higher accumulation of provitamin A in maize	2018	Journal of Plant Biochemistry and Biotechnology	27	2		208	214	6.77	Article
303.Kumar, S., Singh, P., Rai, R., Baranwal, V.K.	Development of immunodiagnostics for the detection of Grapevine leafroll-associated virus 3 (GLRaV-3) in grapevine using in vitro expression and purification of its coat protein gene	2018	Journal of Plant Biochemistry and Biotechnology	27	4		425	434	6.77	Article
304.Kherwar, D., Usha, K., Mithra, S.V.A., Singh, B.	Microsatellite (SSR) marker assisted assessment of population structure and genetic diversity for morpho-physiological traits in guava (Psidium guajava L.)	2018	Journal of Plant Biochemistry and Biotechnology	27	3		284	292	6.77	Article
305.Prasad, K., Sharma, R.R.	Salicylic acid influences lenticel discolouration and physiological and biochemical attributes of mango (Mangifera indica L.) fruits	2018	Journal of Plant Biochemistry and Biotechnology	27	3		293	299	6.77	Article
306.Joshi, A., Sagar, V.R., Sharma, S., Singh, B.	Potentiality of Potato Flour as Humectants (Anti-staling Agent) in Bakery Product: Muffin	2018	Potato Research	61	2		115	131	6.77	Article
307.Abdolvand, B., Zarghami, R., Salari, A.	The effects of AgNO <sub>3</sub> and 2iP (N <sup>6</sup> -(2-Isopentenyl) adenine) on different stages of somatic embryogenesis in date palm	2018	Pakistan Journal of Botany	50	2		495	502	6.75	Article

	(Phoenix Dactylifera L.) (CV. Medjool)									
308.Khan, M.R., Pal, S., Singh, A., Patel, A.D., Patel, B.A., Ghule, T.M., Phani, V.	Further observations on meloidogyne indica whitehead, 1968 from India	2018	Pakistan Journal of Zoology	50	6		2009	2017	6.75	Article
309.Barman, M., Datta, S.P.	Assessing phytotoxic limits of nickel in intensively cultivated alluvial soils	2018	Journal of Environmental Biology	39	3		358	364	6.73	Article
310.Prajapat, K., Vyas, A.K., Dhar, S., Jain, N.K., Hashim, M., Choudhary, G.L.	Energy input-output relationship of soybean-based cropping systems under different nutrient supply options	2018	Journal of Environmental Biology	39	1		93	101	6.73	Article
311.Gurjar, D.S., Kaur, R.	Impact of wastewater irrigations and planting methods on leaf firing, colour, quality and traffic tolerance of turfgrass	2018	Journal of Environmental Biology	39	1		117	121	6.73	Article
312.Golui, D., Datta, S.P., Kaushik, S.C.	Interferences of medium and matrix in determination of trace toxic elements using inductively coupled plasma mass spectrometry	2018	Journal of Environmental Biology	39	1		103	108	6.73	Article
313.Jakhar, P., Rana, K.S., Dass, A., Choudhary, A.K., Choudhary, M., Adhikary, P.P., Maharana, J.	Resource conservation practices in maize-mustard cropping system: Impact on energy, soil carbon and nutrient dynamics	2018	Journal of Environmental Biology	39	4		440	446	6.73	Article
314.Thokala, P.D., Kamil, D., Toppo, R.S.	Silver nanoparticles production by Aspergillus nigerand their antibacterial efficacy against Xanthomonas citri and Ralstonia solanacearum	2018	Journal of Environmental Biology	39	4		493	499	6.73	Article
315.Biswas, S., Kundu, D.K., Mazumdar, S.P., Saha, A.R., Majumdar, B., Ghorai, A.K., Ghosh, D., Yadav, A.N., Saxena, A.K.	Study on the activity and diversity of bacteria in a New Gangetic alluvial soil (Eutrocept) under rice-wheat-jute cropping system	2018	Journal of Environmental Biology	39	3		379	386	6.73	Article
316.Kumar, S., Awasthi, O.P., Dubey, A.K., Pandey, R.,	Root morphology and the effect of rootstocks on leaf nutrient	2018	Journal of Horticultural	93	1		100	106	6.72	Article

Sharma, V.K., Mishra, A.K., Sharma, R.M.	acquisition of Kinnow mandarin (Citrus nobilis Loureiro Æ— Citrus reticulata Blanco)		Science and Biotechnology							
317.Mageshwaran, V., Sharma, V., Chinnkar, M., Parvez, N., Krishnan, V.	Biodegradation of Gossypol by Mixed Fungal Cultures in Minimal Medium	2018	Applied Biochemistry and Microbiology	54	3		301	308	6.71	Article
318.Abdou, S.M.M., Azza, R.A., Naresh Kumar, S., Farrag, F.R.M.	Enhancing the Proficiency of Water Use in Wheat Through Nitrogen Forms, Irrigation Intervals and Soil Conditioners	2018	Irrigation and Drainage	67	4		516	526	6.71	Article
319.Singh, G., Lal, K.	Review and Case Studies on Biodrainage: An Alternative Drainage System to Manage Waterlogging and Salinity	2018	Irrigation and Drainage	67			51	64	6.71	Conference Paper
320.Kumarumarumarumar, P.V., Sharma, S.K., Rishi, N., Ghosh, D.K., Baranwal, V.K.	An isothermal based recombinase polymerase amplification assay for rapid, sensitive and robust indexing of citrus yellow mosaic virus	2018	Acta Virologica	62	1		104	108	6.70	Article
321.Mahawar, H., Prasanna, R., Simranjit, K., Thapa, S., Kanchan, A., Singh, R., Kaushik, S.C., Singh, S., Nain, L.	Deciphering the mode of interactions of nanoparticles with mung bean (Vigna radiata L.)	2018	Israel Journal of Plant Sciences	65	02-Jan		74	82	6.67	Article
322.Hossain, F., Muthusamy, V., Pandey, N., Vishwakarma, A.K., Baveja, A., Zunjare, R.U., Thirunavukkarasu, N., Saha, S., Manjaiah, K.M., Prasanna, B.M., Gupta, H.S.	Marker-assisted introgression of opaque2 allele for rapid conversion of elite hybrids into quality protein maize	2018	Journal of Genetics	97	1		287	298	6.67	Article
323.Hasan, F., Ansari, M.S., Dhillon, M.K., Muslim, M., Bhadauriya, A.S., Tanwar, A.K., Ahmad, S.	Diapause regulation in Zygotogramma bicolorata (Coleoptera: Chrysomelidae), a biocontrol agent of Parthenium hysterophorus	2018	International Journal of Tropical Insect Science	38	2		145	158	6.66	Article
324.Kumar, P., Sethi, S., Sharma, R.R., Varghese, E.	Influence of edible coatings on physiological and biochemical attributes of Japanese plum (Prunus	2018	Fruits	73	1		31	38	6.64	Article

	salicina Lindell cv. Santa Rosa)									
325.Halder, J., Kushwaha, D., Deb, D., Tyagi, S., Dey, D.	Adoretus duvaucei blanchard (Coleoptera: Scarabaeidae): A new threat to ber plant (ziziphus mauritiana) in eastern uttar pradesh, India	2018	Range Management and Agroforestry	39	2		296	300	6.64	Article
326.Yadav, A., Suri, V.K., Kumar, A., Choudhary, A.K.	Effect of AM fungi and phosphorus fertilization on P-use efficiency, nutrient acquisition and root morphology in pea (Pisum sativum L.) in an acid Alfisol	2018	Journal of Plant Nutrition	41	6		689	701	6.57	Article
327.Kumar, S., Tomar, B.S., Saharawat, Y.S., Arora, A.	Foliar spray of mineral nutrients enhanced the growth, seed yield, and quality in onion (Allium cepa L.) cv. Pusa Riddhi	2018	Journal of Plant Nutrition	41	9		1155	1162	6.57	Article
328.Pooniya, V., Choudhary, A.K., Bana, R.S., Sawarnalaxmi, K., Pankaj, Rana, D.S., Puniya, M.M.	Influence of summer legume residue recycling and varietal diversification on productivity, energetics, and nutrient dynamics in basmati rice-wheat cropping system of western Indo-Gangetic Plains	2018	Journal of Plant Nutrition	41	12		1491	1506	6.57	Article
329.Shahane, A.A., Shivay, Y.S., Kumar, D., Prasanna, R.	Interaction effect of nitrogen, phosphorus, and zinc fertilization on growth, yield, and nutrient contents of aromatic rice varieties	2018	Journal of Plant Nutrition	41	18		2344	2355	6.57	Article
330.Khobra, R., Singh, B.	Phytosiderophore release in relation to multiple micronutrient metal deficiency in wheat	2018	Journal of Plant Nutrition	41	6		679	688	6.57	Article
331.Choudhary, A.K., Suri, V.K.	System of rice intensification in promising rice hybrids in north-western Himalayas: crop and water productivity, quality, and economic profitability	2018	Journal of Plant Nutrition	41	8		1020	1034	6.57	Article
332.Moharana, P.C., Biswas, D.R.	Use of mineralization kinetics to estimate the potentially mineralizable nitrogen of rock phosphate-enriched composts-amended soil	2018	Journal of Plant Nutrition	41	10		1333	1344	6.57	Article

333.Sharma, S.K., Kulshreshtha, N., Kumar, A., Yaduvanshi, N.P.S., Singh, M., Prasad, K.R.K., Basak, N.	Waterlogging effects on elemental composition of wheat genotypes in sodic soils	2018	Journal of Plant Nutrition	41	10		1252	1262	6.57	Article
334.Pradhan, S., Bandyopadhyay, K.K., Panigrahi, P., Manikandan, N.	Effect of tillage, residue and nitrogen management on radiation interception and radiation use efficiency of wheat in a semi-arid environment	2018	Journal of Agrometeorology	20	2		149	152	6.56	Note
335.Saha, T., Chandran, N., Kumar, S., Kumari, K.	Effect of weather parameters on incidence of insect pests of cucumber in eastern Bihar	2018	Journal of Agrometeorology	20	1		57	61	6.56	Article
336.Katare, S., Jasrotia, P., Patil, S.D., Reza, M.W., Saharan, M.S.	Influence of sowing time and weather factors on seasonal dynamics of aphids in three wheat growing zones of India	2018	Journal of Agrometeorology	20	2		134	138	6.56	Article
337.Nebapure, S.M., Sagar, D., Chander, S.	Population dynamics of insect pests on short duration pigeon pea in relation to weather parameters	2018	Journal of Agrometeorology	20	3		234	237	6.56	Article
338.Kumar, A., Nemade, P.W., Sharma, R., Tanwar, R.K., Chattopadhyay, C., Wanjari, S.S., Rathod, T.H.	Statistical forewarning models for sucking pests of cotton in Maharashtra	2018	Journal of Agrometeorology	20	1		62	65	6.56	Article
339.Rakhee, Singh, A., Kumar, A.	Weather based fuzzy regression models for prediction of rice yield	2018	Journal of Agrometeorology	20	4		297	301	6.56	Article
340.Dhillon, B.S., Sharma, P.K., Choudhary, A.K.	Influence of staggered sown Spring sunflower ( <i>Helianthus Annuus L.</i> ) at varying intraâ€row spacing and appliedâ€N on preâ€ and postâ€anthesis N dynamics and dry matter partitioning in Indoâ€Gangetic Plains Region	2018	Communications in Soil Science and Plant Analysis	49	16		2002	2015	6.54	Article
341.Choudhary, A.K., Suri, V.K.	Low-Cost Vermi-Composting Technology and Its Application in Bio-Conversion of Obnoxious Weed Flora of North-Western Himalayas	2018	Communications in Soil Science and Plant Analysis	49	12		1429	1441	6.54	Article

	into Vermi-Compost									
342. Bhatia, K., Asrey, R.	Effect of salicylic acid pre-treatment on functional and sensory quality of minimally processed pomegranate ( <i>Punica granatum</i> L) arils	2018	Journal of Scientific and Industrial Research	77	2		125	130	6.53	Article
343. Agnihotri, R., Chawla, S.L., Srivashtav, V.	Estimating the Genetic Relationship in Various Warm Season Turfgrass Genotypes Using RAPD and ISSR Markers	2018	National Academy Science Letters	41	4		197	201	6.52	Article
344. Bashyal, B.M., Kharayat, B.S., Kumar, J., Dubey, S.C., Aggarwal, R.	Histopathological Studies of <i>Rhizoctonia solani</i> Infection Process in Different Cultivars of Mungbean [ <i>Vigna radiata</i> (L.) Wilczek]	2018	National Academy Science Letters	41	5		269	273	6.52	Article
345. Amaresan, N., Kumar, K., Venkadesaperumal, G., Srivathsa, N.C.	Microbial Community Level Physiological Profiles of Active Mud Volcano Soils in Andaman and Nicobar Islands	2018	National Academy Science Letters	41	3		161	164	6.52	Article
346. Lungmuana, Ahmed, N., Gorai, T., Datta, S.C.	Soil Carbon Stability Assessment by Humus Desorption Using Simple First Order Exponential Equation in a Toposequence of Western Himalayan Region	2018	National Academy Science Letters	41	1		7	10	6.52	Article
347. Sinha, N., Priyanka, V., Ramya, K.T., Leena, T., Bhat, J.A., Harikrishna, Jain, N., Singh, P.K., Singh, G.P., Prabhu, K.V.	Assessment of marker-trait associations for drought and heat tolerance in bread wheat	2018	Cereal Research Communications	46	4		639	649	6.49	Article
348. Gurjar, M.S., Jogawat, A., Saharan, M.S., Aggarwal, R.	Response of putative pathogenicity-related genes in <i>Tilletia indica</i> inciting Karnal bunt of wheat	2018	Cereal Research Communications	46	1		89	103	6.49	Article
349. Vinod, Sharma, J.B., Singh, P.K., Mallick, N., Prabhu, K.V., Singh, G.P., Sharma, R.K., Kumar, S., Yadav, R., Singh, A.M., Gaikwad, K., Jain, N., Ramya, P., Dhar, S., Singh, V.K., Yadav, R.N.,	Bread wheat: Variety HD4728 (Pusa Malwi)	2018	Indian Journal of Genetics and Plant Breeding	78	3		401		6.41	Note

Sivasamy, M., Saiprasad, S.V., Mishra, A.N., Singh, J.B., Ambati, D., Das, T.R., Pal, D., Patial, M., Solanki, I.S., Kumar, J., Vikas, V.K., Jayaprakash, P., Prakasha, T.L.										
350.Sagar, V., Krishnan, S.G., Dwivedi, P., Prakash, G., Nagarajan, M., Singh, A.K.	Development of basmati rice genotypes with resistance to both bacterial blight and blast diseases using marker assisted restricted backcross breeding	2018	Indian Journal of Genetics and Plant Breeding	78	1		36	47	6.41	Article
351.Niranjana, M., Jha, S.K., Mallick, N., Verma, A., Singh, B., Ahlawat, A., Tomar, S.M.S., Vinod	Distribution of genes producing phenol colour reaction in grains of wheat and its related species, mode of inheritance and breeding for low polyphenol activity	2018	Indian Journal of Genetics and Plant Breeding	78	4		433	442	6.41	Article
352.Sharma, S., Borah, P., Meena, M.K., Bindraban, P., Pandey, R.	Evaluation of genotypic variation for growth of rice seedlings under optimized hydroponics medium	2018	Indian Journal of Genetics and Plant Breeding	78	3		292	301	6.41	Article
353.Devaraja, K.P., Pankaj, Sirohi, A., Singh, A.K., Ellur, R.K.	Expression analysis of defence related genes and histopathological changes in direct seeded rice genotypes ( <i>Oryza sativa</i> L.) against root-knot nematode ( <i>meloidogyne graminicola</i> )	2018	Indian Journal of Genetics and Plant Breeding	78	1		147	150	6.41	Article
354.Singh, A.M., Ahlawat, A.K., Shukla, R.B.	Genetic stock, QBP 12-11 (INGR 17033)	2018	Indian Journal of Genetics and Plant Breeding	78	1		152		6.41	Note
355.Borah, J., Singode, A., Talukdar, A., Yadav, R.R., Sarma, R.N.	Genome-wide association studies (GWAS) reveal candidate genes for plant height and number of primary branches in soybean [ <i>Glycine max</i> (L.) merrill]	2018	Indian Journal of Genetics and Plant Breeding	78	4		460	469	6.41	Article
356.Gaikwad, K.B., Singh, N., Bhatia, D., Sharma, N., Bains, N.S., Bharaj, T.S., Singh, K.	Heterotic response of genomic regions derived from <i>Oryza rufipogon</i> and <i>O. nivara</i> in improving grain morphology and	2018	Indian Journal of Genetics and Plant Breeding	78	2		155	165	6.41	Article



	quality of indica rice ( <i>Oryza sativa</i> L.)									
357. Yadav, R., Prasad, L., Nanjundan, J., Tewari, A.K., Singh, P., Sandhu, P.S., Pant, U., Avtar, R., Radhamani, J., Kumar, S., Rao, M., Rana, J.C.	Identification and evaluation of Indian mustard genotypes for white rust resistance and agronomic performance	2018	Indian Journal of Genetics and Plant Breeding	78	1		81	89	6.41	Article
358. Kumar, A., Yadav, R., Gupta, S., Gaikwad, K.B., Jain, N., Ranjan, R., Kumar, M.	Identification of genotypes and marker validation for grain filling rate and grain filling duration in wheat under conservation agriculture	2018	Indian Journal of Genetics and Plant Breeding	78	3		309	316	6.41	Article
359. Gautam, N.K., Bhardwaj, R., Yadav, S., Suneja, P., Tripathi, K., Ram, B.	Identification of lentil ( <i>Lens culinaris</i> Medik.) germplasm rich in protein and amino acids for utilization in crop improvement	2018	Indian Journal of Genetics and Plant Breeding	78	4		470	477	6.41	Article
360. Cholla, A., Chander, S., Kaur, J., Suby, S.B., Kumar, P.	Improved method of screening maize germplasm for resistance against <i>chilo partellus</i> (Swinhoe)	2018	Indian Journal of Genetics and Plant Breeding	78	4		454	459	6.41	Article
361. Mavi, G.S., Bazzar, S.K., Kaur, S., Sohu, V.S., Prabhu, K.V., Chhuneja, P.	Marker assisted stacking of drought tolerance QTL and rust resistance genes in an elite Indian wheat genotype	2018	Indian Journal of Genetics and Plant Breeding	78	1		1	10	6.41	Article
362. Rai, N., Amasiddha, B., Sinha, N., Das, T.R., Patil, R., Harikrishna, Jain, N., Singh, G.P., Singh, P.K., Chand, S., Vinod Prabhu, K.	Physiological and morphological evaluation of MABB derived lines under drought stress in bread wheat ( <i>Triticum aestivum</i> L. em. thell.)	2018	Indian Journal of Genetics and Plant Breeding	78	4		417	425	6.41	Article
363. Krishnappa, G., Singh, A.M., Ahlawat, A.K., Singh, S.K., Sharma, P., Shukla, R.B., Singh, G.P.	Validation of QTLs for grain iron and zinc concentration in wheat ( <i>Triticum aestivum</i> L.)	2018	Indian Journal of Genetics and Plant Breeding	78	3		378	381	6.41	Article
364. Goel, S., Singh, B., Grewal, S., Jaat, R.S., Singh, N.K.	Variability in Fe and Zn content among Indian wheat landraces for improved nutritional quality	2018	Indian Journal of Genetics and Plant Breeding	78	4		426	432	6.41	Article
365. Paul, D., Chakrabarty,	Variation for hardseededness and	2018	Indian Journal of	78	3		333	341	6.41	Article

S.K., Dikshit, H.K., Singh, Y.	related seed physical parameters in mung bean [ <i>Vigna radiata</i> (L.) Wilczek]		Genetics and Plant Breeding							
366.Singh, A.K., Ellur, R.K., Krishnan, S.G., Bhowmick, P.K., Nagarajan, M., Vinod, K.K., Haritha, B., Singh, V.K., Khanna, A., Pathania, S., Yadav, A., Mondal, K.K., Seth, R.	Variety Pusa Basmati 1718	2018	Indian Journal of Genetics and Plant Breeding	78	1		151		6.41	Note
367.Panduranga, G.S., Sharma, K., Sharma, R.K.	Evaluation of liquid artificial larval diets for mass rearing of <i>Bactrocera cucurbitae</i> (Coq.)	2018	Indian Journal of Biochemistry and Biophysics	55	2		125	131	6.39	Article
368.Mawlong, I., Ali, K., Tyagi, A.	Functional validation of a water deficit stress responsive AP2/ERF family transcription factor-encoding gene in <i>Oryza sativa</i>	2018	Indian Journal of Biochemistry and Biophysics	55	1		17	25	6.39	Article
369.Thava Prakasa Pandian, R., Raja, M., Sharma, P.	Characterization of Three Different Chitinase Genes from <i>Trichoderma asperellum</i> Strain Ta13	2018	Proceedings of the National Academy of Sciences India Section B - Biological Sciences	88	4		1661	1668	6.39	Article
370.Karunakaran, V., Behera, U.K.	Effects of Tillage and Residue Management Practices on Soil and Root Parameters in Soybean ( <i>Glycine max</i> )-Wheat ( <i>Triticum aestivum</i> ) Cropping System	2018	Proceedings of the National Academy of Sciences India Section B - Biological Sciences	88	2		487	496	6.39	Article
371.Shekhawat, K., Rathore, S.S., Kandpal, B.K., Premi, O.P., Singh, D.	Enhancing Carbon Sequestration Potential, Productivity and Sustainability of Mustard Under Conservation Agriculture in Semi-arid Regions of India	2018	Proceedings of the National Academy of Sciences India Section B - Biological	88	1		199	208	6.39	Article

			Sciences							
372.Ram, H., Dey, S.S., Gopala Krishnan, S., Kar, A., Bhardwaj, R., Arun Kumar, M.B., Kalia, P., Sureja, A.K.	Heterosis and Combining Ability for Mineral Nutrients in Snowball Cauliflower ( <i>Brassica oleracea</i> var. <i>botrytis</i> L.) Using Ogura Cytoplasmic Male Sterile Lines	2018	Proceedings of the National Academy of Sciences India Section B - Biological Sciences	88	4		1367	1376	6.39	Article
373.Guru Pirasanna Pandi, G., Chander, S., Singh, M.P., Pathak, H.	Impact of Elevated CO <sub>2</sub> and Temperature on Brown Planthopper Population in Rice Ecosystem	2018	Proceedings of the National Academy of Sciences India Section B - Biological Sciences	88	1		57	64	6.39	Article
374.Thube, S.H., Mahapatro, G.K., Arun Kumar, M.B.	In vitro Evaluation of Insecticides, Bio-Fungicide and Bio-Fertilizer for Strategic and Eco-Friendly Combinatorial Seed Treatments in Chickpea	2018	Proceedings of the National Academy of Sciences India Section B - Biological Sciences	88	2		645	654	6.39	Article
375.Singh, B., Pandey, S., Singh, S.P., Kumar, J.	Linkage Disequilibrium Based Association and Inheritance of Blast Resistance in Improved Varieties and Landraces of Aromatic Rice	2018	Proceedings of the National Academy of Sciences India Section B - Biological Sciences	88	1		363	372	6.39	Article
376.Kumar, U., Panneerselvam, P., Banik, A., Annapurna, K.	Lower Frequency and Diversity of Antibiotic-Producing Fluorescent Pseudomonads in Rhizosphere of Indian Rapeseed Mustard ( <i>Brassica juncea</i> L. Czern.)	2018	Proceedings of the National Academy of Sciences India Section B - Biological Sciences	88	2		579	586	6.39	Article
377.Gupta, A.K., Raj, R., Kumari, K., Singh, S.P.,	Management of Major Diseases of Indian Mustard Through Balanced	2018	Proceedings of the National	88	1		229	239	6.39	Article

Solanki, I.S., Choudhary, R.	Fertilization, Cultural Practices and Fungicides in Calcareous Soils		Academy of Sciences India Section B - Biological Sciences							
378.Roy, T., Biswas, D.R., Datta, S.C., Sarkar, A.	Phosphorus Release from Rock Phosphate as Influenced by Organic Acid Loaded Nanoclay Polymer Composites in an Alfisol	2018	Proceedings of the National Academy of Sciences India Section B - Biological Sciences	88	1		121	132	6.39	Article
379.Sharma, V.K., Chandel, C., Kumar, R., Dey, S.S., Parkash, C., Bhatia, R., Mawliya, M.	Quantification of Antioxidant Contents in Sweet Pepper as Influenced by Planting Time and Fruit Picking Stage	2018	Proceedings of the National Academy of Sciences India Section B - Biological Sciences	88	2		451	457	6.39	Article
380.Gandotra, S., Bhuyan, P.M., Gogoi, D.K., Kumar, A., Subramanian, S.	Screening of Nutritionally Important Gut Bacteria from the Lepidopteran Insects Through Qualitative Enzyme Assays	2018	Proceedings of the National Academy of Sciences India Section B - Biological Sciences	88	1		329	337	6.39	Article
381.Mahendran, B., Sharma, R.K., Sinha, S.R.	Strategies for Insect Management in Cauliflower ( <i>Brassica oleraceae</i> var. botrytis) Through Habitat Intervention	2018	Proceedings of the National Academy of Sciences India Section B - Biological Sciences	88	1		305	311	6.39	Article
382.Prasad, R., Shivay, Y.S.	Sulphur in Soil, Plant and Human Nutrition	2018	Proceedings of the National Academy of Sciences India Section B -	88	2		429	434	6.39	Review

			Biological Sciences							
383.Kumbharthi, V., Sharma, T., Sinha, P., Kumar, M., Saxena, S.	Temperature Influenced Regulation of Adenosine 3'â€², 5'â€² - cyclic Monophosphate Dependent Protein Kinase A in Magnaporthe grisea (T.T. Hebert), M. E. Barr	2018	Proceedings of the National Academy of Sciences India Section B - Biological Sciences	88	3		1101	1109	6.39	Article
384.Mahapatro, G.K., Chatterjee, D.	Termites as Structural Pest: Status in Indian Scenario	2018	Proceedings of the National Academy of Sciences India Section B - Biological Sciences	88	3		977	994	6.39	Article
385.Chauhan, D.K., Bhat, J.A., Thakur, A.K., Hussain, Z., Satyavathi, C.T.	Understanding genetic relationship and population structure of Indian soybean varieties using microsatellite markers	2018	Proceedings of the National Academy of Sciences India Section B - Biological Sciences	88	3		1091	1100	6.39	Article
386.Singh, R., Das, T.K., Kaur, R., Raj, R., Shekhawat, K.	Weed Management in Dryland Agriculture in India for Enhanced Resource Use Efficiency and Livelihood Security	2018	Proceedings of the National Academy of Sciences India Section B - Biological Sciences	88	4		1309	1322	6.39	Review
387.Patil, S.S., Kaur, C.	Current trends in extrusion: Development of functional foods and novel ingredients	2018	Food Science and Technology Research	24	1		23	34	6.38	Review
388.Aggarwal, R., Sharma, S., Gupta, S., Banerjee, S., Bashyal, B.M., Bhardwaj, S.C.	Molecular characterization of predominant Indian wheat rust pathotypes using URP and RAPD markers	2018	Indian Journal of Biotechnology	17	2		327	336	6.37	Article
389.Gayacharan, Bisht, I.S.,	Population structure of some	2018	Indian Journal of	17	1		110	117	6.37	Article

Pandey, A., Yadav, M.C., Singh, A.K., Pandravada, S.R., Rana, J.C.	indigenous aromatic rice ( <i>Oryza sativa</i> L.) landraces of India		Biotechnology							
390.Mohan, N.H., Nayak, L.K., Gokuldas, P.P., Debnath, S., Paul, M., Ammayappan, L., Ramamurty, V.V., Sarma, D.K.	Relationship between morphology and tensile properties of pig hair fibre	2018	Indian Journal of Fibre and Textile Research	43	1		126	131	6.37	Article
391.Singh, A., Permar, V., Basavaraj, Tomar, B.S., Praveen, S.	Effect of temperature on symptoms expression and viral RNA accumulation in groundnut bud necrosis virus infected <i>Vigna unguiculata</i>	2018	Iranian Journal of Biotechnology	16	3	e1846	227	234	6.34	Article
392.Pragya, Das, D.K., Sehgal, V.K., Das, T.K., Mukherjee, J.	Evaluation of conservation agriculture practices for radiation interception and biophysical properties in rice-mustard cropping system	2018	Mausam	69	4		607	614	6.28	Article
393.Modak, S., Patel, M.C., Pal, P.K., Das, L., Nain, M.S.	A study of entrepreneurial competencies of post graduate students in agriculture	2018	Indian Journal of Agricultural Sciences	88	9		1391	1395	6.23	Article
394.Rajanna, G.A., Dhindwal, A.S., Narender, Patil, M.D., Shivakumar, L.	Alleviating moisture stress under irrigation scheduling and crop establishment techniques on productivity and profitability of wheat ( <i>Triticum aestivum</i> ) under semi-arid conditions of Western India	2018	Indian Journal of Agricultural Sciences	88	3		372	378	6.23	Article
395.Yadav, R.K., Kumawat, N., Singh, A., Tomar, I.S., Singh, M., Morya, J., Kumar, R., Upadhyay, P.K.	Bio-efficacy of new herbicides on weed dynamics, productivity and nutrient uptake in maize ( <i>Zea mays</i> ) under rainfed condition of Jhabua hills	2018	Indian Journal of Agricultural Sciences	88	7		139	144	6.23	Article
396.Hanuman, R.A.M., Dhar, S., Choudhary, H., Sharma, R.K., Solanke, A.U., Prasad, Tomar, B.S.	Combining ability analysis for earliness and yield related characters in pea ( <i>Pisum sativum</i> )	2018	Indian Journal of Agricultural Sciences	88	11		1717	1721	6.23	Article

397.Kumar, R., Patra, M.K., Thirugnanavel, A., Deka, B.C., Chatterjee, D., Borah, T.R., Rajesha, G., Talang, H.D., Ray, S.K., Kumar, M., Upadhyay, P.K.	Comparative evaluation of different integrated farming system models for small and marginal farmers under the Eastern Himalayas	2018	Indian Journal of Agricultural Sciences	88	11		1722	1729	6.23	Article
398.Singh, C., Boraiah, K.M., Singh, R.K., Jeevan Kumar, S.P., Singh, G., Chand, R.	Comparative study of floral biology using detergent and confirm self-incompatibility system in protogynous lines of Indian mustard (Brassica juncea)	2018	Indian Journal of Agricultural Sciences	88	8		1190	1197	6.23	Article
399.Chakravorty, S., Joshi, P., Gills, R., Sharma, J.P., Sharma, N.	Concept, status and impact of foodgrain banking in Indian villages: A review	2018	Indian Journal of Agricultural Sciences	88	2		175	180	6.23	Article
400.Rathore, S.S., Shekhawat, K., Rathore, B.S., Singh, R.K., Premi, O.P., Kandpal, B.K.	Deficit irrigation scheduling and levels of hydrogel (SAPs) influence on productivity and economics of Indian mustard (Brassica juncea) under semi-arid conditions	2018	Indian Journal of Agricultural Sciences	88	9		1474	1476	6.23	Article
401.Ghosh, A., Singh, R.K., Singh, O.N., Samal, P.	Developing efficient weed management practices for higher productivity and profitability in aerobic rice (Oryza sativa) cultivation	2018	Indian Journal of Agricultural Sciences	88	10		1532	1536	6.23	Article
402.Shitu, G.A., Nain, M.S., Kobba, F.	Development of scale for assessing farmers' attitude towards precision conservation agricultural practices	2018	Indian Journal of Agricultural Sciences	88	3		498	503	6.23	Article
403.Sinha, J.P., Singh, J.K., Kumar, A., Agarwal, K.N.	Development of solar powered knapsack sprayer	2018	Indian Journal of Agricultural Sciences	88	4		590	595	6.23	Article
404.Mishra, A., Sinha, J.P., Singh, J.K., Tomar, B.S.	Development of solar powered pneumatic grain/seed cleaning system	2018	Indian Journal of Agricultural Sciences	88	11		1676	1681	6.23	Article
405.Aradow, P.P., Sinha, J.P., Arun Kumar, T.V., Yadav, R.S., Samuel, D.V.K.	Development of solar powered screen cleaner	2018	Indian Journal of Agricultural Sciences	88	12		1914	1919	6.23	Article

406.Kumari, S., Arumugam, N., Singh, R., Srivastav, M., Banoth, S., Mithra, A.C., Arun, M.B., Goswami, A.K., Khan, Y.J.	Diversity analysis of guava ( <i>Psidium guajava</i> ) germplasm collection	2018	Indian Journal of Agricultural Sciences	88	3		489	497	6.23	Article
407.Srivastava, T.K., Singh, K.P., Singh, P., Suman, A., Singh, S.R., Verma, R.R., Singh, V.K., Singh, R.K.	Effect of bio-manures on soil quality, cane productivity and soil carbon sequestration under long-term sugarcane ( <i>Saccharum officinarum</i> ) plant - Ratoon system in Indian sub-tropics	2018	Indian Journal of Agricultural Sciences	88	11		1696	1703	6.23	Article
408.Baghel, J.K., Das, T.K., Rishi, R.A.J., Paul, S., Mukherjee, I., Bisht, M.	Effect of conservation agriculture and weed management on weeds, soil microbial activity and wheat ( <i>Triticum aestivum</i> ) productivity under a rice ( <i>Oryza sativa</i> )-wheat cropping system	2018	Indian Journal of Agricultural Sciences	88	11		1709	1716	6.23	Article
409.Kumawat, C., Sharma, V.K., Meena, M.C., Dwivedi, B.S., Barman, M., Kumar, S., Chobhe, K.A., Dey, A.	Effect of crop residue retention and phosphorus fertilization on P use efficiency of maize ( <i>Zea mays</i> ) and biological properties of soil under maize-wheat ( <i>Triticum aestivum</i> ) cropping system in an Inceptisol	2018	Indian Journal of Agricultural Sciences	88	8		1184	1189	6.23	Article
410.Kumar, A.T.V., Mani, I., Pramod, A., Samuel, D.V.K., Jha, S.K., Sahoo, P.K., Sinha, J.P., Kar, A.	Effect of extrusion technique on antinutritional factors of sorghum-soya blends	2018	Indian Journal of Agricultural Sciences	88	3		420	428	6.23	Article
411.Meena, R.K., Singh, Y.V.	Effect of green organic mulching and nitrogen management on productivity, N use efficiency and profitability of Basmati aerobic rice ( <i>Oryza sativa</i> )	2018	Indian Journal of Agricultural Sciences	88	3		410	415	6.23	Article
412.Chaudhary, N., Sindhu, S.S., Kumar, R., Saha, T.N., Raju, D.V.S., Arora, A., Sharma, R.R.	Effect of growing media composition on growth, flowering and bulb production of LA hybrid (Red Alert) and Oriental (Avocado) group of <i>Lilium</i> under protected	2018	Indian Journal of Agricultural Sciences	88	12		1843	1847	6.23	Article



	condition									
413.Singh, S.K., Tomar, B.S., Anand, A., Kumari, S., Prakash, K.	Effect of growth regulators on growth, seed yield and quality attributes in garden pea ( <i>Pisum sativum</i> var Hortense) cv. Pusa Pragati	2018	Indian Journal of Agricultural Sciences	88	11		1730	1734	6.23	Article
414.Kajal, D., Pooniya, V., Choudhary, A.K., Swarnalakshmi, K., Bana, R.S., Parihar, C.M., Sarkar, S.K.	Effect of integrated crop management modules on crop productivity and soil physico-chemical and biological properties under direct-seeded basmati rice ( <i>Orzya sativa</i> )	2018	Indian Journal of Agricultural Sciences	88	7		1142	1146	6.23	Article
415.Jinger, D., Dhar, S., Dass, A., Sharma, V.K., Joshi, E., Vijayakumar, S., Gupta, G.	Effect of silicon and phosphorus fertilization on growth, productivity and profitability of aerobic rice ( <i>Oryza sativa</i> )	2018	Indian Journal of Agricultural Sciences	88	10		1600	1605	6.23	Article
416.Sanyal, A., Joshi, M.A., Basu, S., Yadav, S.K.	Effect of storage period on special DUS characters in extant varieties of rice ( <i>Oryza sativa</i> ) for establishing distinctiveness	2018	Indian Journal of Agricultural Sciences	88	2		234	239	6.23	Article
417.Ram, H., Singh, R.K., Pal, G., Agarwal, D.K., Kumar, R.	Effect of tillage practices and genotypes on growth, seed yield and nutrient uptake in wheat ( <i>Triticum aestivum</i> )	2018	Indian Journal of Agricultural Sciences	88	11		1765	1769	6.23	Article
418.Kumar, A., Behera, U.K., Dhar, S., Shukla, L., Bhatiya, A., Meena Gaurendra Gupta, M.C., Singh, R.K.	Effect of tillage, crop residue and phosphorus management practices on the productivity and profitability of maize ( <i>Zea mays</i> ) cultivation in Inceptisols	2018	Indian Journal of Agricultural Sciences	88	10		1558	1567	6.23	Article
419.Kumar, S., Sharma, A., Sharma, V.K., Rosin, K.G., Kumar, D.	Enhancement of apple ( <i>Malus domestica</i> ) productivity and soil health through organic fertilization and bio-inoculants under north-western Himalayan region of India	2018	Indian Journal of Agricultural Sciences	88	9		1463	1468	6.23	Article
420.Sinha, J., Singh, J.K., Kumar, A.	Ergonomic assessment of wheel hoe and design compliance for women farm worker	2018	Indian Journal of Agricultural Sciences	88	3		447	452	6.23	Article
421.Mangal, M., Srivastava,	Genetic and molecular regulation of	2018	Indian Journal of	88	3		343	353	6.23	Review

A., Tomar, B.S.	colour and pungency in hot pepper ( <i>Capsicum</i> spp): A review		Agricultural Sciences							
422.Gaurav, A.K., Namita, Raju, D.V.S., Singh, M., Singh, B., Krishnan, S.G., Mithra, S.A., Panwar, S., Singh, M., Dhiman, M.R.	Genetic characterization of <i>Rosa</i> species using morphological markers	2018	Indian Journal of Agricultural Sciences	88	9		1396	1402	6.23	Article
423.Dangi, R., Kumar, A., Khar, A.	Genetic variability, heritability, and diversity analysis in short day tropical onion ( <i>Allium cepa</i> )	2018	Indian Journal of Agricultural Sciences	88	6		948	957	6.23	Article
424.Khar, A., Kumar, A., Islam, S., Kumar, A., Agarwal, A.	Genotypic response towards haploid induction in short day tropical Indian onion ( <i>Allium cepa</i> )	2018	Indian Journal of Agricultural Sciences	88	5		709	713	6.23	Article
425.Gurjar, D.S., Sudhishri, S., Mishra, A.K., Kaur, R., Khanna, M.	Geo-spatial variability in soil health of Biwan watershed located at Mewat district of Haryana, India	2018	Indian Journal of Agricultural Sciences	88	5		714	719	6.23	Article
426.Pradhan, S., Goswami, A.K., Singh, S.K., Prakash, J., Goswami, S., Viswanathan, C., Talukdar, A., Sharma, V.K.	Growth, nutrient acquisition and physiological responses of papaya ( <i>Carica papaya</i> ) plants to controlled low temperature stress	2018	Indian Journal of Agricultural Sciences	88	5		726	732	6.23	Article
427.Pandey, N., Hossain, F., Muthusamy, V., Vishwakarma, A.K., Zunjare, R.U.	Haplotypes of recessive opaque2 allele in exotic-and indigenous-quality protein maize inbreds	2018	Indian Journal of Agricultural Sciences	88	2		253	259	6.23	Article
428.Joshi, P., Sharma, J.P., Sharma, N., Singh, B.K., Ahmad, N., Gills, R.	Health and nutrition status of farm women in rural India: Case of Indo-Gangetic plains	2018	Indian Journal of Agricultural Sciences	88	6		978	984	6.23	Article
429.Kumar, S., Kumar, R., Dogra, R.K.	Heterotic potential, potence ratio, combining ability and genetic control of seed vigour traits for yield improvement in cucumber ( <i>Cucumis sativus</i> )	2018	Indian Journal of Agricultural Sciences	88	5		771	778	6.23	Article
430.Daravath, V., Chander, S., Sagar, D.	Impact of elevated carbon dioxide on the protective enzymes in brown planthopper ( <i>Nilaparvata lugens</i> ) and infested rice ( <i>Oryza sativa</i> )	2018	Indian Journal of Agricultural Sciences	88	9		1366	1370	6.23	Article

	plants									
431.Gurjar, D.S., Kaur, R., Singh, K.P.	Impact of wastewater irrigation on vegetative growth, flowering characteristics, keeping quality and productivity of tuberose ( <i>Polianthes tuberosa</i> )	2018	Indian Journal of Agricultural Sciences	88	4		584	589	6.23	Article
432.Kaur, R., Shivay, Y.S., Singh, G., Kaur Virk, H., Sen, S., Rajni	Increasing area under pulses and soil quality enhancement in pulse-based cropping systems – Retrospect and prospects	2018	Indian Journal of Agricultural Sciences	88	1		10	21	6.23	Review
433.Gupta, G., Dhar, S., Dass, A., Sharma, V.K., Singh, R.K., Kumar, A., Jinger, D., Kumar, A.	Influence of bio-inoculant mediated organic nutrient management on productivity and profitability of pigeonpea ( <i>Cajanus cajan</i> ) in a semi-arid agro-ecology	2018	Indian Journal of Agricultural Sciences	88	10		1593	1596	6.23	Article
434.Pinder, R., Namita	Influence of dehydration techniques on colour retention and related traits of gerbera ( <i>Gerbera hybrida</i> ) flowers	2018	Indian Journal of Agricultural Sciences	88	5		733	736	6.23	Article
435.Shisa Ullas, P., Namita, Singh, K.P., Panwar, S., Kundu, A., Gopala Krishnan, S., Kumar, G.	Influence of drying techniques on retention of anthocyanin and their antioxidant activities in chrysanthemum ( <i>Chrysanthemum morifolium</i> ) flowers	2018	Indian Journal of Agricultural Sciences	88	2		228	233	6.23	Article
436.Kumar, K.R., Singh, K.P., Jain, P.K., Raju, D.V.S., Kumar, P., Bhatia, R., Panwar, S.	Influence of growth regulators on callus induction and plant regeneration from anthers of <i>Tagetes</i> spp.	2018	Indian Journal of Agricultural Sciences	88	6		970	977	6.23	Article
437.Maragal, S.Y., Singh, A.K., Behera, T.K., Munshi, A.D., Sabir, N.	Influence of planting time and fertilizer application on fruit yield and quality of bitter melon ( <i>Momordica charantia</i> ) (var. Pusa Rasdar) for off-season production under protected condition	2018	Indian Journal of Agricultural Sciences	88	11		1801	1803	6.23	Article
438.Chopra, S., Beaudry, R.	Innovative composite wall designs for evaporatively cooled structures for storage of perishables	2018	Indian Journal of Agricultural Sciences	88	11		1692	1695	6.23	Article
439.Kumar, S., Sharma, A.,	Integrated fertilization: An approach	2018	Indian Journal of	88	2		222	227	6.23	Article

Sharma, V.K., Ahmed, N., Rosin, K.G., Sharma, O.C.	for higher apple ( <i>Malus domestica</i> ) productivity and ecological health of soil		Agricultural Sciences							
440.Raj, R., Das, T.K., Kaur, R., Singh, R., Shekhawat, K.	Invasive noxious weed management research in India with special reference to <i>Cyperus rotundus</i> , <i>Eichhornia crassipes</i> and <i>Lantana camara</i>	2018	Indian Journal of Agricultural Sciences	88	2		181	196	6.23	Article
441.Gurjar, D.S., Kaur, R., Singh, K.P.	Irrigation requirement, water use efficiency and bulb productivity of tuberose ( <i>Polianthes tuberosa</i> ) under varied wastewater-groundwater irrigation regimes	2018	Indian Journal of Agricultural Sciences	88	12		1893	1896	6.23	Article
442.Sharma, R., Kumar, A., Pandey, P.S., Himanshu, Gupta, M., Kapur, S., Sharma, A., Jain, A.K.	Krishikosh: A digital repository to disseminate agricultural knowledge	2018	Indian Journal of Agricultural Sciences	88	5		757	765	6.23	Article
443.Slathia, P.S., Kumar, R., Nain, M.S., Sharma, B.C., Paul, N.	Land use and technology adoption analysis of paddy ( <i>Oryza sativa</i> ) cv. Basmati 370 in irrigated sub-tropics of Jammu district	2018	Indian Journal of Agricultural Sciences	88	9		1469	1473	6.23	Article
444.Patra, A., Sharma, V.K., Purakayastha, T.J., Barman, M., Kumar, S., Chakraborty, D., Chobhe, K.A., Nath, D.J.	Long-term effect of integrated nutrient management on yield and nutrients uptake by rice ( <i>Oryza sativa</i> ) in acid soil	2018	Indian Journal of Agricultural Sciences	88	4		579	583	6.23	Article
445.Prasad, R., Shivay, Y.S.	Management options to alleviate the menace of rice ( <i>Oryza sativa</i> ) straw burning – An overview	2018	Indian Journal of Agricultural Sciences	88	11		1651	1660	6.23	Review
446.Bainsla, N.K., Yadav, R., Sharma, R.K., Sharma, A., Gaikwad, K.B., Kumar, A., Singh, V., Vyas, P., Sharma, A.	Mechanistic understanding of lodging in spring wheat ( <i>Triticum aestivum</i> ): An Indian perspective	2018	Indian Journal of Agricultural Sciences	88	10		1483	1495	6.23	Article
447.Bana, R.S., Sepat, S., Rana, K.S., Pooniya, V., Choudhary, A.K.	Moisture-stress management under limited and assured irrigation regimes in wheat ( <i>Triticum aestivum</i> ): Effects on crop	2018	Indian Journal of Agricultural Sciences	88	10		1606	1612	6.23	Article

	productivity, water use efficiency, grain quality, nutrient acquisition and soil fertility									
448.Singh, D., Singh, R., Saini, J.S., Singh, P.K.	Morpho-biochemical characterization and D2 analysis of watermelon ( <i>Citrullus lanatus</i> ) landraces from India and exotic germplasm	2018	Indian Journal of Agricultural Sciences	88	10		1633	1639	6.23	Article
449.Sahoo, T., Verma, M.K., Singh, S.K., Thakre, M., Sharma, R.R., Jaiswal, S., Arora, A.	Morphological and biochemical characterization of newly evolved grape ( <i>Vitis vinifera</i> ) hybrids	2018	Indian Journal of Agricultural Sciences	88	8		1280	1286	6.23	Article
450.Kumar, T., Bharadwaj, C., Tiwari, N., Satyavathi, C.T., Patil, B.S., Sarker, A., Alam, A.	Morphological characterization and grouping of chickpea ( <i>Cicer arietinum</i> ) genotypes for drought tolerance	2018	Indian Journal of Agricultural Sciences	88	11		1740	1745	6.23	Article
451.Meena, R.P., Prasad, S.K., Layek, A., Singh, M.K., Das, M.	Nitrogen and zinc scheduling for zinc biofortification in direct seeded rice ( <i>Oryza sativa</i> )	2018	Indian Journal of Agricultural Sciences	88	5		805	808	6.23	Article
452.Joshi, E., Vyas, A.K., Dass, A., Dhar, S., Prajapat, K.	Nutrient omissions effects on growth, yield, water productivity and profitability of wheat ( <i>Triticum aestivum</i> ) in maize ( <i>Zea mays</i> )-wheat cropping system	2018	Indian Journal of Agricultural Sciences	88	6		924	930	6.23	Article
453.Kumari, R., Singh, K., Jha, S.K., Singh, R., Sarkar, S.K., Bhatia, N.	Nutritional composition and popping characteristics of some selected varieties of pearl millet ( <i>Pennisetum glaucum</i> )	2018	Indian Journal of Agricultural Sciences	88	8		1222	1226	6.23	Article
454.Duhan, S., Kar, A.	Optimization of process parameter combinations for pasteurization of sugarcane ( <i>Saccharum officinarum</i> ) juice using continuous flow microwave system	2018	Indian Journal of Agricultural Sciences	88	8		1253	1257	6.23	Article
455.Jain, R., Singh, M.K., Swaroop, K., Reddy, M.V., Janakiram, T., Kumar, P., Pinder, R.	Optimization of spacing and nitrogen dose for growth and flowering of statice ( <i>Limonium sinuatum</i> )	2018	Indian Journal of Agricultural Sciences	88	7		1108	1114	6.23	Article
456.Kiran Kumara, T.M.,	Participation in community based	2018	Indian Journal of	88	4		596	600	6.23	Article

Kumar, S., Singh, D.R., Immanuelraj, K.	tank irrigation system in a rainfed region of India		Agricultural Sciences							
457.Kumar, R., Sathia, P.S., Peshin, R., Gupta, S.K., Gupta, S.K., Nain, M.S.	Performance analysis of rapeseed-mustard crop under different agro-climatic conditions of Jammu Division of J & K state	2018	Indian Journal of Agricultural Sciences	88	3		463	468	6.23	Article
458.Mohammad, A., Sudhishri, S., Singh, M., Das, T.K., Sharma, V.K., Dwivedi, N.	Performance evaluation of Aqua Crop model for conservation agriculture based direct seeded rice ( <i>Oryza sativa</i> )	2018	Indian Journal of Agricultural Sciences	88	3		379	386	6.23	Article
459.Shukla, A.K., Pramanick, K.K., Watpade, S., Kumar, J.	Performance of apricot ( <i>Prunus armeniaca</i> ) genotypes for growth, yield and quality parameters in temperate ecosystem of Himachal Pradesh	2018	Indian Journal of Agricultural Sciences	88	7		1099	1103	6.23	Article
460.Kumar, A., Sharma, R., Roy, S., Rao, V., Vennila, S., Jha, S., Chattopadhyay, C.	Possible future climate for rice growing regions in India: Visualising 2050 and pest-related impact thereof	2018	Indian Journal of Agricultural Sciences	88	2		197	211	6.23	Article
461.Pramanik, P., Akram, A., Misra, A.K., Sharma, D.K., Upadhyaya, S.S., Rawat, R.S.	Prediction of rainfall, runoff and sediment yield of Dolgad watershed of Himalayan agroecosystem	2018	Indian Journal of Agricultural Sciences	88	9		1477	1480	6.23	Article
462.Singh, R.K., Dhar, S., Dass, A., Sharma, V.K., Kumar, A., Gupta, G., Kumar, B.	Productivity and profitability of soybean ( <i>Glycine max</i> ) and wheat ( <i>Triticum aestivum</i> ) genotypes grown in sequence under system of crop intensification	2018	Indian Journal of Agricultural Sciences	88	9		1407	1412	6.23	Article
463.Ullas, S.P., Namita, Singh, K.P., Kundu, A., Panwar, S., Krishnan, G.S., Kumar, G.	Profiling of carotenoid pigments and their antioxidant activities in ray florets of chrysanthemum ( <i>Chrysanthemum morifolium</i> )	2018	Indian Journal of Agricultural Sciences	88	3		393	399	6.23	Article
464.Thakre, M., Verma, M.K., Singh, K., Awasthi, O.P., Sharma, R.R., Ray, M.	Proposal and validation of colour index for Kinnow Mandarin ( <i>Citrus nobilis</i> — <i>Citrus deliciosa</i> )	2018	Indian Journal of Agricultural Sciences	88	8		1179	1183	6.23	Article
465.Chaudhary, A., Sharma, D.K., Arora, A.	Prospects of Indian traditional fermented food as functional foods	2018	Indian Journal of Agricultural Sciences	88	10		1496	1501	6.23	Article

466.Hiremath, V.M., Jain, R., Jain, N., Arora, A., Swaroop, K., Singh, M.K., Kumar, P., Kumar, G.	Quantification of total endogenous ascorbic acid from chrysanthemum ( <i>Chrysanthemum</i> <i>— morifolium</i> ) cultivars and its association with postharvest life	2018	Indian Journal of Agricultural Sciences	88	9		1429	1433	6.23	Article
467.Prasad, R., Shivay, Y.S.	Relative grain zinc loading ability of cereals (rice, wheat, maize) and a grain legume (chickpea)	2018	Indian Journal of Agricultural Sciences	88	2		307	313	6.23	Article
468.Meena, S.L., Sparkes, D.L.	Resource use efficiency of different wheat species under drought stress	2018	Indian Journal of Agricultural Sciences	88	9		1349	1353	6.23	Article
469.Rawal, S., Dhindwal, A.S., Punia, S.S.	Response of furrow irrigated raised bed planted maize ( <i>Zea mays</i> ) to different moisture regimes and herbicides treatments under semi-arid conditions	2018	Indian Journal of Agricultural Sciences	88	3		354	360	6.23	Article
470.Singh, K., Sharma, R.M., Dubey, A.K., Kamil, D., Lekshmy, S., Awasthi, O.P., Jha, G.K.	Response of the citrus rootstock genotypes against artificial inoculation of <i>Phytophthora nicotianae</i>	2018	Indian Journal of Agricultural Sciences	88	5		786	790	6.23	Article
471.Raghavendra, K.J., Suresh, A.	Risk management in rainfed agriculture: An analysis of strategies and adaptations followed by farmers in Madhya Pradesh	2018	Indian Journal of Agricultural Sciences	88	6		895	901	6.23	Article
472.Praveen, K.V., Suresh, A., Reddy, A.A., Singh, D.R.	Risks and adaptation strategies in rainfed agriculture in India: An analysis	2018	Indian Journal of Agricultural Sciences	88	6		958	963	6.23	Article
473.Pant, R.P., Bhatnagar, A., Lal, M.	Role of alternate host plants in the transmission of apical leaf curl disease of potato caused by tomato leaf curl New Delhi virus <i>—</i> potato (ToLCNDV-pot.) in Northern India	2018	Indian Journal of Agricultural Sciences	88	8		1258	1262	6.23	Article
474.Shahane, A.A., Shivay, Y.S., Kumar, D., Prasanna, R.	Role of zinc, nitrogen and phosphorus fertilization, and use of microbial inoculation in zinc nutrition of wheat ( <i>Triticum aestivum</i> ) under different crop establishment methods	2018	Indian Journal of Agricultural Sciences	88	9		1434	1441	6.23	Article

475.Nain, M.S., Singh, R., Mishra, J.R., Sharma, J.P.	Scalability of farmer led innovations (FLIs): A study of perceived determinants and required capacities	2018	Indian Journal of Agricultural Sciences	88	8		1312	1315	6.23	Article
476.Narender, Malik, R.S., Dey, A., Meena, M.C.	Significance of manganese fertilization in wheat-based cropping systems of Indo-Gangetic Plain (IGP)	2018	Indian Journal of Agricultural Sciences	88	9		1340	1348	6.23	Review
477.Narender, Malik, R.S.	Soil manganese dynamics and its uptake in wheat ( <i>Triticum aestivum</i> ) influenced by chloride and manganese application	2018	Indian Journal of Agricultural Sciences	88	10		1568	1572	6.23	Article
478.Singh, B., Jain, R., Sindhu, S.S., Kumar, P., Yadav, H., Kumar, R.	Standardization of glycerine preservation for ornamental foliage of different species suitable for value addition	2018	Indian Journal of Agricultural Sciences	88	12		1879	1886	6.23	Article
479.Singh, R., Dogra, A., Sarker, A., Saxena, A., Singh, B.	Technology gap, constraint analysis and improved production technologies for yield enhancement of barley ( <i>Hordeum vulgare</i> ) and chickpea ( <i>Cicer arietinum</i> ) under arid conditions of Rajasthan	2018	Indian Journal of Agricultural Sciences	88	2		273	279	6.23	Article
480.Supriya, P., Rao, A.R., Bhat, K.V.	Transcriptome sequencing of sesame ( <i>Sesamum indicum</i> ) using Illumina platform	2018	Indian Journal of Agricultural Sciences	88	3		442	446	6.23	Article
481.Pandey, Y., Mishra, A.K., Sarangi, A., Singh, D.K., Sahoo, R.N., Sarkar, S.	Trend analysis of rainfall and runoff in the Jhelum basin of Kashmir Valley	2018	Indian Journal of Agricultural Sciences	88	2		320	325	6.23	Article
482.Kumar, S., Kumar, S., Chahal, V.P., Singh, D.R.A.J.	Trends and determinants of crop diversification in Uttar Pradesh	2018	Indian Journal of Agricultural Sciences	88	11		1704	1708	6.23	Article
483.Dabas, J.P.S., Sharma, N., Dubey, S.K., Sharma, A., Singh, L., Dubey, A.V.	Utilizing cow dung and slurry for energy sufficiency of farms and households: Experiences of field studies across three Indian states	2018	Indian Journal of Agricultural Sciences	88	8		1208	1213	6.23	Article
484.Sharma, O.P., Rachappa, V., Yelshetty, S., Naik, H., Gopali, J.B., Saini, M.R.	Validation and implementation of principles of the integrated pest management concept “Sustainability and current	2018	Indian Journal of Agricultural Sciences	88	3		474	481	6.23	Article



	challenges in pest endemic pulse bowl of India									
485.Yadav, R.K., Mishra, A.K., Bandyopadhyay, S.K., Tomar, B.S., Choudhary, H.	Vegetable intervention for livelihood and nutritional security of small landholders: Key component for enhancing the income of farmers	2018	Indian Journal of Agricultural Sciences	88	4		651	656	6.23	Article
486.Parray, R.A., Mani, I., Kumar, A., Khura, T., Verghese, E.	Web based machinery fleet size selection model for paddy-wheat cropping system	2018	Indian Journal of Agricultural Sciences	88	4		568	572	6.23	Article
487.Sharma, R., Kumar, A., Tanwar, R.K., Singh, N.	Web-enabled data extraction system for cotton pests	2018	Indian Journal of Agricultural Sciences	88	6		841	844	6.23	Article
488.Oyeogbe, A.I., Das, T.K., Rana, K.S., Paul, S., Bandyopadhyay, K.K., Bhatia, A., Singh, S.B., Rishi, R.A.J.	Weed and nitrogen management effects on weed suppression, soil properties and crop productivity in a maize (Zea mays) & Wheat (Triticum aestivum) cropping system under conservation agriculture	2018	Indian Journal of Agricultural Sciences	88	11		1685	1691	6.23	Article
489.Yadav, D., Shivay, Y.S., Singh, Y.V., Sharma, V.K., Bhatia, A.	Yield attributes, yields and nutrient uptake of Basmati rice (Oryza sativa) as influenced by in-situ and ex-situ green manuring crops and zinc fertilization	2018	Indian Journal of Agricultural Sciences	88	5		671	678	6.23	Article
490.Dudhe, M.Y., Kumar, J.	Combining ability studies under salinity stress and unstressed condition in chickpea	2018	Legume Research	41	2		239	245	6.23	Article
491.Joshi, M.A., Aggarwal, D., Sanyal, A.	Cultivar identification and diversity analysis based on morphological descriptors and image analysis in chickpea (Cicer arietinum L.)	2018	Legume Research	41	5		647	655	6.23	Article
492.Sagar, D., Dhall, H.	Legumes: Potential source of entomotoxic proteins-a review	2018	Legume Research	41	5		639	646	6.23	Review
493.Lyngdoh, Y.A., Thapa, U., Shadap, A., Singh, J., Tomar, B.S.	Studies on genetic variability and character association for yield and yield related traits in french bean (Phaseolus vulgaris L.)	2018	Legume Research	41	6		810	815	6.23	Article
494.Rajendran, A., Chaudhary,	Prospecting high oil in corn (Zea	2018	Maydica	63	1				6.23	Article

D., Singh, N.	mays L.) germplasm for better quality breeding									
495.Mukri, G., Kumar, R., Rajendran, A., Kumar, B., Hooda, K.S., Karjagi, C.G., Singh, V., Jat, S.L., Das, A.K., Sekhar, J.C., Singh, S.B.	Strategic selection of white maize inbred lines for tropical adaptation and their utilization in developing stable, medium to long duration maize hybrids	2018	Maydica	63	2				6.23	Article
496.Hashmi, T.R., Dey, D., Prasad, R.	Distribution frequency of endosymbionts and genetic characterisation of Bemisia tabaci (Hemiptera: Aleyrodidae) on Fabaceous host plants in India	2018	Oriental Insects	52	2		128	142	6.20	Article
497.Singh, S., Sreedevi, K.	Record of root borer, Dorysthenes (Lophosternus) huegelii (Redtenbacher) (Coleoptera: Cerambycidae) on Kinnow mandarin in the Indian Punjab	2018	Oriental Insects	52	1		60	65	6.20	Article
498.Mahendiran, G., Gnaneswaran, R., Ramamurthy, V.V.	Review of the genus Blosyrus Schoenherr (Coleoptera: Curculionidae: Entiminae) from India and adjacent countries	2018	Oriental Insects	52	3		286	312	6.20	Article
499.Dangi, R., Khar, A., Islam, S., Kumar, A.	Characterization and association of phenotypic and biochemical traits in onion under short day tropical conditions	2018	Indian Journal of Horticulture	75	2		226	236	6.10	Article
500.Srivastava, A., Mangal, M., Gosavi, G., Kalia, P.	Characterization of cultivated and wild species of capsicum using microsatellite markers	2018	Indian Journal of Horticulture	75	2		218	225	6.10	Article
501.Kumari, P., Raju, D.V.S., Singh, K.P., Prasad, K.V., Panwar, S.	Characterization of phenolic compounds in petal extracts of rose	2018	Indian Journal of Horticulture	75	2		349	351	6.10	Article
502.Sharma, S.K., Tripathi, S.	Characterization of Vasconcellea cauliflora for morpho-horticultural traits under climatic conditions of Pune, India	2018	Indian Journal of Horticulture	75	1		135	138	6.10	Article
503.Kumar, K.R., Singh, K.P., Raju, D.V.S., Kumar, P.,	Circumventing phenolic exudation and poor survival in	2018	Indian Journal of Horticulture	75	2		273	278	6.10	Article

Panwar, S., Bhatia, R.	micropropagation of marigold									
504.Elayaraja, K., Gadag, R.N., Kumari, J., Mishra, U.	Combining ability and gene action in experimental hybrids of Sweet Corn ( <i>Zea mays</i> var. <i>saccharata</i> )	2018	Indian Journal of Horticulture	75	1		64	69	6.10	Article
505.Sandra, N., Basu, S., Behera, T.K.	Comparative evaluation of hybrid seed production of bitter gourd in rainy and spring-summer season	2018	Indian Journal of Horticulture	75	2		245	251	6.10	Article
506.Hiremath, V.M., Jain, R., Arora, A., Jain, N., Swaroop, K., Singh, M.K., Kumar, P., Kumar, G.	Delaying petal and leaf senescence in yellow star chrysanthemum using ascorbic acid	2018	Indian Journal of Horticulture	75	3		506	511	6.10	Article
507.Jayaprakash, P., Sheeba, D., Vikas, V.K., Sivasamy, M., Sabesan, T.	Development of pollen germination medium to test pollen viability of eggplant and its wild species	2018	Indian Journal of Horticulture	75	2		237	244	6.10	Article
508.Mehraj, U., Panwar, S., Singh, K.P., Namita, Pandey, R., Solanke, A.U., Mallick, N.	Development of protocol for in vitro rooting and hardening of doubled haploid line of <i>Tagetes erecta</i> L. derived through ovule culture	2018	Indian Journal of Horticulture	75	4		651	656	6.10	Article
509.Kumari, M., Singh, S.K., Swaroop, K., Kamil, D., Singh, K.P.	Diversity analysis of fusarium oxysporum f. Sp. <i>gladioli</i> isolates using fatty acid methyl ester (FAME) profiling	2018	Indian Journal of Horticulture	75	3		536	539	6.10	Article
510.Panwar, S., Singh, K.P., Namita, Janakiram, T., Sonah, H., Sharma, T.R.	DNA fingerprinting in african marigold ( <i>Tagetes erecta</i> L.) genotypes using ISSR and URP markers	2018	Indian Journal of Horticulture	75	1		105	110	6.10	Article
511.Dhami, K.S., Sagar, V.R., Sharma, R.R., Singh, S.K., Rama Krishna, K.	Effect of generally regarded as safe (GRAS) chemical treatments on the quality of litchi during storage	2018	Indian Journal of Horticulture	75	3		523	527	6.10	Article
512.Farag, M.I., Behera, T.K., Munshi, A.D., Khanna, M., Dev, B.	Effect of moisture stress on growth and yield of cucumber genotypes	2018	Indian Journal of Horticulture	75	1		77	81	6.10	Article
513.Maragal, S.Y., Singh, A.K., Behera, T.K., Munshi, A.D., Dash, S., Pachauri, N.	Effect of planting time and fertilizer dose on growth, yield and quality of bitter gourd grown under polyhouse and net house conditions	2018	Indian Journal of Horticulture	75	3		463	469	6.10	Article
514.Sagar, V.R.	Effect of pre-treatment and packaging on quality of $\beta$ -carotene	2018	Indian Journal of Horticulture	75	2		283	288	6.10	Article

	rich mango powder										
515.	Chaurasiya, J., Verma, R.B., Verma, R.K., Panwar, G.S., Patel, V.B., Saha, B.C.	Effect of weed management practices on growth, yield and quality of onion	2018	Indian Journal of Horticulture	75	4		717	722	6.10	Article
516.	Bhutia, T.L., Munshi, A.D., Behera, T.K., Sureja, A.K., Lal, S.K., Seyie, A.	Estimates of heterosis for yield and its contributing traits in cucumber	2018	Indian Journal of Horticulture	75	2		332	336	6.10	Article
517.	Saha, S., Kalia, P., Sarkar, S.K.	Evaluation of lettuce genotypes for mineral content	2018	Indian Journal of Horticulture	75	4		613	618	6.10	Article
518.	Bhimappa, B.B., Choudhary, H., Sharma, V.K., Behera, T.K.	Genetic diversity analysis for fruit quality traits and nutrient composition in different horticultural groups of muskmelon	2018	Indian Journal of Horticulture	75	1		58	63	6.10	Article
519.	Kaluram, Prakash, J., Singh, S.K., Goswami, A.K., Singh, P., Hussain, Z., Singh, A.K.	Genetic diversity in qualitative and quantitative traits of papaya	2018	Indian Journal of Horticulture	75	2		165	171	6.10	Article
520.	Badiger, M., Yadav, R.K.	Genetic variability and association of yield with its component traits in Okra	2018	Indian Journal of Horticulture	75	4		713	716	6.10	Article
521.	Singh, P., Prakash, J., Goswami, A.K., Singh, K., Hussain, Z., Singh, A.K.	Genetic variability and correlation studies for vegetative, reproductive and yield attributing traits in papaya	2018	Indian Journal of Horticulture	75	1		1	7	6.10	Article
522.	Mirjha, P.R., Rana, D.S., Choudhary, A.K., Dubey, A.K.	Influence of cultivars, cropping systems and nutrient levels on yield and quality of mango in north India	2018	Indian Journal of Horticulture	75	1		21	26	6.10	Article
523.	Akshaya, H.R., Namita, Singh, K.P., Saha, S., Panwar, S., Bharadwaj, C.	Influence of storage conditions of marigold flowers on retention of carotenoids and antioxidant activities	2018	Indian Journal of Horticulture	75	1		111	118	6.10	Article
524.	Kumar, P., Sethi, S., Sharma, R.R.	Inhibition of browning in fresh-cut apple wedges through edible coatings and anti-browning agents	2018	Indian Journal of Horticulture	75	3		517	522	6.10	Article
525.	Durga, M.L., Raju, D.V.S., Pandey, R.N., Pandey, R., Kumar, P., Singh, K.P., Krishnan, S.G.	Integrated use of NPK fertilizer with FYM influences growth, floral attributes, soil fertility and nutrient uptake of gladiolus in an inceptisol	2018	Indian Journal of Horticulture	75	1		119	123	6.10	Article

	of semi-arid tropics									
526.Lakshmipathy, M., Prasad, K.V., Manjiaiah, K.M., Janakiram, T., Namita	Performance of turfgrasses on a clay based simulated cricket pitch under varied levels of soil compaction and ABA	2018	Indian Journal of Horticulture	75	3		512	516	6.10	Article
527.Patil, S., Padaria, R.N.	Predicting farmers' adoption of genetically modified vegetable crops in India: An ex-ante assessment of Bt-brinjal adoption behaviour and its determinants	2018	Indian Journal of Horticulture	75	4		647	650	6.10	Article
528.Kumar, K., Srivastav, M., Singh, S.K., Singh, A., Sharma, N.	Studies on extent of polyembryony in salt tolerant mango rootstocks	2018	Indian Journal of Horticulture	75	1		139	140	6.10	Article
529.Kumari, P., Barman, K., Patel, V.B., Sharma, S., Kole, B.	Variability of bioactive properties and antioxidant activity in commercially grown litchi cultivars in india	2018	Indian Journal of Horticulture	75	3		369	375	6.10	Article
530.Singh, B.K., Sharma, N., Dubey, S.K., Sharma, J.P., Sharma, A., Sagar, V.R., Singh, K., Kishore, N.	Vegetable varieties with multiple attributes spread at faster rate-a case study in popularizing carrot variety pusa rudhira in NCR region	2018	Indian Journal of Horticulture	75	3		482	485	6.10	Article
531.Gogoi, A.K., Madhupriya, M., Kalita, M.K., Rao, G.P., Nath, P.D.	Characterization of sugarcane grassy shoot phytoplasma and its impact on growth, yield and juice quality of old growing sugarcane varieties in North East Regions of India	2018	International Sugar Journal	120	1436				6.07	Article
532.Singh, D., Chaudhary, G., Yadav, D.K.	Characterisation and diversity of Indian isolates of Ralstonia solanacearum causing bacterial wilt of Capsicum annuum L.	2018	Archives of Phytopathology and Plant Protection	51	06-May		267	276	6.00	Article
533.Ningombam, A., Ahluwalia, V., Srivastava, C., Walia, S.	Growth inhibitory activity of Millettia pachycarpa (Bentham) extracts against Tobacco Caterpillar, Spodoptera litura (Fabricius) (Lepidoptera: Noctuidae)	2018	Archives of Phytopathology and Plant Protection	51	10-Sep		550	559	6.00	Article
534.Manoj, K., Anil, D., Archana, S., Charanjit, K.,	Valorization of Black carrot marc: Antioxidant properties and enzyme	2018	Research Journal of Biotechnology	13	11		12	21	6.00	Article

Eldho, V., Supradip, S., Sairam, K.V.S.S.	assisted extraction of flavonoids									
535.Verma, A.K., Sindhu, S.S., Anand, P., Singh, A., Chauhan, V.B.S., Verma, S.K.	Vermi products and biodegradable superabsorbent polymer improve physiological activities and leaf nutrient contents of gerbera	2018	Research Journal of Biotechnology	13	3		8	18	6.00	Article
536.Rathi, M.S., Paul, S., Choudhary, D., Kumar, M., Chandra, A., Kharkwal, A.C., Varma, A.	Assessment of the osmotolerant endophytic bacteria from mustard and nagphani for their plant growth promoting activities under osmotic stress	2018	Vegetos	31	4		130	134	6.00	Article
537.Rathi, M.S., Paul, S., Manjunatha, B.S., Kumar, V., Varma, A.	Isolation and screening of osmotolerant endophytic bacteria from succulent and non-succulent drought tolerant plants for water stress alleviation in cluster bean ( <i>Cyamopsis tetragonoloba</i> )	2018	Vegetos	31	1		57	66	6.00	Article
538.Singh, A., Sharma, V., Dikshit, H.K.	Molecular characterization of elite lentil ( <i>Lens culinaris medikus</i> ) lines varying for Grain Fe and Zn concentration	2018	Vegetos	31	Special Issue		9	18	6.00	Article
539.Kumar, T., Bharadwaj, C., Tiwari, N., Tara Satyavathi, C., Alam, A., Sarker, A.	Molecular marker based diversity of chickpea landraces, wild derivatives and breeding lines using ssr and gene markers	2018	Vegetos	31	3		23	29	6.00	Article
540.Singh, P.K., Saharan, M.S., Singh, D.P., Singh, S., Pandey, G.C.	Present scenario of wheat fungal disease karnal bunt (Kb) incidence in India	2018	Vegetos	31	Special Issue		93	95	6.00	Article
541.Nallathambi, P., Lal, S.K., Boopalakrishnan, G., Kumar, A., Umamaheswari, C., Gogoi, R., Yadav, S.K., Gupta, A., Meshram, N.M., Ilangovan, R.	Scanning electron microscopy and PCR based methods for detection of false smut [ <i>Ustilagoidea vires</i> (cooke) Takahashi] chlamydo spores associated with Rice ( <i>Oryza sativa</i> ) seeds	2018	Vegetos	31	1		20	27	6.00	Article
542.Kumar, M., Sarangi, A., Singh, D.K., Rao, A.R.	Modelling the Grain Yield of Wheat in Irrigated Saline Environment with Foliar Potassium Fertilization	2018	Agricultural Research	7	3		321	337	5.90	Article

543.Sofi, J.A., Rattan, R.K., Wani, A.A., Mir, S.A., Dar, I.H., Sofi, K.A.	Nitrogen-Fixing Cover Crops and Chronosequential Effects on Fertility of Apple Orchard Soils	2018	Agricultural Research	7	1		51	60	5.90	Article
544.Mahawar, M.K., Samuel, D.V.K., Sinha, J.P., Jalgaonkar, K.	Optimization of Hydropriming of Okra ( <i>Abelmoschus esculentus</i> ) Seeds Using Response Surface Methodology	2018	Agricultural Research	7	1		25	36	5.90	Article
545.Nagar, A., Sureja, A.K., Kar, A., Bhardwaj, R., Krishnan, S.G., Munshi, A.D.	Profiling of Mineral Nutrients and Variability Study in Pumpkin ( <i>Cucurbita moschata</i> ) Genotypes	2018	Agricultural Research	7	2		225	231	5.90	Article
546.Raina, D., Singh, B., Bhat, A.K., Satti, N.K., Singh, V.K.	Antimicrobial activity of endophytes isolated from <i>Picrorhiza kurroa</i>	2018	Indian Phytopathology	71	1		103	113	5.90	Article
547.Prasad, L., Kundu, A., Bahukhandi, D.	Comparative analysis of volatile fractions of <i>Fomes fomentarius</i> and <i>F.rhabarbarinus</i>	2018	Indian Phytopathology	71	1		25	31	5.90	Article
548.Gurjar, M.S., Kumar, R., Singh, D., Bag, T.K.	Development of fungicides spray schedule to manage the late blight of potato in north eastern Himalayan region of India	2018	Indian Phytopathology	71	4		505	512	5.90	Article
549.Biswas, K.K., Palchoudhury, S., Shukla, P., Godara, S., Balram, N., Bhattacharyya, U.K., Makeskumar, T.	DNA-A sequences of whitefly transmitted begomovirus infecting okra ( <i>Abelmoschus esculentus</i> ) in India are extensively diverse	2018	Indian Phytopathology	71	2		249	256	5.90	Article
550.Bashyal, B.M.	Etiology of an emerging disease: <i>bakanae</i> of rice	2018	Indian Phytopathology	71	4		485	494	5.90	Review
551.Kumar, S., Akhtar, N., Singh, V.	Evaluation of biocontrol agents for the management of stem and root rot diseases of jute using sustainable integrated approach	2018	Indian Phytopathology	71	1		123	125	5.90	Article
552.Gurjar, M.S., Jogawat, A., Sharma, S., Aggarwal, R.	Functional expression of MAP kinase <i>TiHOG1</i> gene in <i>Tilletia indica</i> inciting Karnal bunt of wheat	2018	Indian Phytopathology	71	3		325	335	5.90	Article
553.Rao, G.P., Mishra, A., Mishra, M.K., Rao, A., Goel, S.	Identification and characterization of <i>Candidatus Phytoplasma trifolii</i> (16SrVI-D) inducing shoot	2018	Indian Phytopathology	71	1		75	81	5.90	Article

	proliferation disease of potato in India									
554.Singh, A.K., Gopala, Rao, A., Goel, S., Rao, G.P.	Identification of <i>Candidatus Phytoplasma asteris</i> ™ causing sesame phyllody disease and its natural weed host in Jammu, India	2018	Indian Phytopathology	71	1		143	146	5.90	Article
555.Gurjar, M.S., Bhardwaj, N.R., Jain, S., Sharma, S., Gupta, S., Aggarwal, R.	Identification of resistance sources and expression level of defense-related genes in wheat against <i>Bipolaris sorokiniana</i>	2018	Indian Phytopathology	71	1		127	134	5.90	Article
556.Madhupriya, Kumari, D.A., Vennila, D.S., Narayana Bhat, M., Rao, G.P.	Increasing incidence of tomato big bud phytoplasma in Ranga Reddy District of Telangana State, India	2018	Indian Phytopathology	71	2		207	211	5.90	Article
557.Dubey, M.K., Upadhyay, R.S., Kamil, D., Gupta, R.C.	<i>Sporidesmium binserum</i> sp. nov. from Binser forest of Almora, Himalaya, India	2018	Indian Phytopathology	71	3		457	462	5.90	Article
558.Biswal, G., Singh, D., Dhal, N.K.	Synergistic effect of <i>Bacillus subtilis</i> and boric acid on management of bacterial wilt disease of potato caused by <i>Ralstonia solanacearum</i> in coastal plains of Odisha under field conditions	2018	Indian Phytopathology	71	3		431	434	5.90	Article
559.Prameeladevi, T., Prabhakaran, N., Kamil, D., Toppo, R.S., Tyagi, A.	<i>Trichoderma pseudokoningii</i> identified based on morphology was re-identified as <i>T. longibrachiatum</i> through molecular characterization	2018	Indian Phytopathology	71	4		579	587	5.90	Article
560.Javeria, S., Deep, S., Prasad, L., Sharma, P.	Vegetative compatibility grouping of <i>Alternaria brassicicola</i> causing black leaf spot in cauliflower	2018	Indian Phytopathology	71	1		43	47	5.90	Article
561.Biswas, K.K., Palchoudhury, S., Sharma, S.K., Saha, B., Godara, S., Ghosh, D.K., Keremane, M.L.	Analyses of 3' half genome of citrus tristeza virus reveal existence of distinct virus genotypes in citrus growing regions of India	2018	VirusDisease	29	3		308	315	5.90	Article
562.Daliyamol, Jailani, A.A.K., Vemana, K., Roy,	Complete genome sequence and phylogenetic relationships of	2018	VirusDisease						5.90	Article in Press



A., Krishnareddy, M., Kobayashi, K., Mandal, B.	tobacco streak virus causing groundnut stem necrosis disease in India									
563.Arora, N.K., Chaudhari, S.K., Farooqi, J.A., Rai, A.K., Manisha	Chemical properties of the salt-affected soils and performance of wheat ( <i>Triticum aestivum</i> ) with saline and alkali water irrigation	2018	Journal of the Indian Society of Soil Science	66	3		258	267	5.23	Article
564.Pradhan, A.K., Beura, K.S., Das, R., Padhan, D., Hazra, G.C., Mandal, B., De, N., Mishra, V.N., Sharma, S., Polara, K.B.	Extractable iron and manganese in soil as influenced by management practices in some long-term experiments of India	2018	Journal of the Indian Society of Soil Science	66	1		120	123	5.23	Article
565.Mondal, S., Das, A., Pradhan, S., Tomar, R.K., Behera, U.K., Sharma, A.R., Paul, A., Chakraborty, D.	Impact of tillage and residue management on water and thermal regimes of a sandy loam soil under pigeonpea-wheat cropping system	2018	Journal of the Indian Society of Soil Science	66	1		40	52	5.23	Article
566.Thomas, P., Meena, M.C., Aggarwal, B.K., Ram, S., Mondal, S., Mishra, A.K., Chakraborty, D.	Strength and stability of aggregates as the key indicators for evaluating soil physical conditions	2018	Journal of the Indian Society of Soil Science	66	3		268	274	5.23	Article
567.Gupta, R., Mehra, M., Sahoo, R.N., Abrol, I.	Indian agriculture: Redefining strategies and priorities	2018	Economic and Political Weekly	53	41	1293	84	91	5.22	Article
568.Gadpayle, K.A., Bhattacharyya, R., Pal, M., Fulekar, M.H.	Additional N supply improves grain yield in Triticale ( <i>Ā</i> — <i>Triticosecale</i> sp.) better than wheat ( <i>Triticum aestivum</i> . L) under elevated CO <sub>2</sub> environment	2018	Indian Journal of Plant Physiology	23	3		521	528	5.18	Article
569.Sathee, L., Adavi, S.B., Jain, V., Pandey, R., Khetarpal, S., Meena, H.S., Kumar, A.	Influence of Elevated CO <sub>2</sub> on kinetics and expression of high affinity nitrate transport systems in wheat	2018	Indian Journal of Plant Physiology	23	1		111	117	5.18	Article
570.Pradhan, S., Sehgal, V.K., Bandyopadhyay, K.K., Panigrahi, P., Parihar, C.M., Jat, S.L.	Radiation interception, extinction coefficient and use efficiency of wheat crop at various irrigation and nitrogen levels in a semi-arid location	2018	Indian Journal of Plant Physiology	23	3		416	425	5.18	Article
571.Pareek, A., Arora, A.,	Stepping forward and taking reverse	2018	Indian Journal of	23	4		609	611	5.18	Editorial

Dhankher, O.P.	as we move ahead in genetics		Plant Physiology							
572.Abirami, K., Rana, V.S., Baskaran, V., Das, M.	Influence of harvesting stage on herb, essential oil and artemisinin yields in the antimalarial herb, <i>Artemisia annua</i> L.	2018	Medicinal Plants	10	1		36	42	5.12	Article
573.Shashank, P.R., Benedek, B.	A new range record of noctuid moth <i>Owadaglaea elongata</i> (Lepidoptera: Noctuidae: Xyleninae) from India	2018	Journal of Threatened Taxa	10	6		11812	11814	5.10	Note
574.Sinha, T., Shashank, P.R., Chattopadhyay, P.C.	DNA barcoding and morphological characterization of moth <i>Antoculeora ornatissima</i> (Walker, 1858) (Lepidoptera: Noctuidae), a new range record from western Himalayan region of India	2018	Journal of Threatened Taxa	10	13		12817	12820	5.10	Article
575.Kohli, D., Sirohi, A., Srinivasan, R., Bharadvaja, N., Jain, P.K.	Isolation, cloning and characterization of cuticle collagen genes, Mi-dpy-10 and Mi-dpy-31, in <i>meloidogyne incognita</i>	2018	Indian Journal of Nematology	48	1		84	95	5.03	Article
576.Pankaj, Chawla, G., Sharma, H.K., Kumar, A., Singh, B., Singh, P.	Nematode infestation hampers farmers' innovativeness in <i>inmewat</i> , Haryana	2018	Indian Journal of Nematology	48	1		124	125	5.03	Note
577.Chawla, G., Sharma, H.K.	Nematode inoculation to the carrot discs with glass capillaries for sub-culturing <i>pratylenchus</i>	2018	Indian Journal of Nematology	48	1		123	124	5.03	Note
578.Ravindra, H., Sehgal, M., Bommalinga, S., Narasimhamurthy, H.B., Jayalakshmi, K.	Root-knot nematode, <i>meloidogyne incognita</i> infecting parthenium	2018	Indian Journal of Nematology	48	1		118	119	5.03	Note
579.Imran, M., Dash, M., Das, T.R., Kabi, M.	Analysis of induced genetic variability for morphological and floral characters with male sterility in sesame ( <i>Sesamum indicum</i> L.)	2018	Electronic Journal of Plant Breeding	9	3		801	807	4.97	Article
580.Samantaray, J., Das, T.R., Baisakh, B.	Combining ability and gene action for yield traits in greengram [ <i>Vigna radiata</i> (L.) wilczek]	2018	Electronic Journal of Plant Breeding	9	2		583	588	4.97	Article
581.Nagalakshmi, R.M., Ravikesavan, R., Paranidharan, V.,	Genetic variability, heritability and genetic advance studies in backcross populations of maize ( <i>Zea mays</i> L.)	2018	Electronic Journal of Plant Breeding	9	3		1137	1145	4.97	Article

Manivannan, N., Firoz, H., Vignesh, M., Senthil, N.										
582.Kumar, R., Kumar, S., Kumar, D., Kansal, S.	Heterosis, combining ability and gene action studies for insect-pest and disease resistance in cucumber	2018	Electronic Journal of Plant Breeding	9	3		815	828	4.97	Article
583.Sethi, R.R., Sarangi, A., Sahu, A.S., Mandai, K.G., Aggarwal, R., Bandyopadhyay, K.K., Ambast, S.K.	Delineation of rice-wheat cropped area using geo-spatial techniques	2018	Indian Journal of Ecology	45	2		330	336	4.96	Article
584.Saha, S., Rana, G., Mukhopadhyay, A., Mondal, A., Mandal, T.	Integrated catalytic system between biological and non-biological materials for the biodegradation of toxic methyl-parathion into non-toxic compounds	2018	Asian Journal of Microbiology, Biotechnology and Environmental Sciences	20	1		239	246	4.93	Article
585.Singh, P., Jaiswal, S., Sheokand, S., Duhan, S.	Morpho-physiological and oxidative responses of nitrogen and phosphorus deficiency in wheat ( <i>Triticum aestivum</i> L.)	2018	Indian Journal of Agricultural Research	52	1		40	45	4.86	Article
586.Kannan, R., Damodaran, T., Nagaraja, A., Umamaheswari, S.	Salt tolerant polyembryonic mango rootstock (ML-2 and GPL-1): A putative role of endophytic bacteria by using BOX-PCR	2018	Indian Journal of Agricultural Research	52	4		419	423	4.86	Article
587.Prasada Rao, K., Lal, A.M., Abraham, G., Ramteke, P.W.	Threshold capacity of strawberry cultivars to salinity and rhizosphere bacterial population for tolerance	2018	Indian Journal of Agricultural Biochemistry	31	1		65	70	4.69	Article
588.Kumari, A., Varma, A., Annapurna, K.	Bioherbicide potential of cellulose degrading endophytic bacteriafor control ofcommon weed set aria glauca (L.) P. Beauv	2018	Biochemical and Cellular Archives	18	2		1561	1564	4.46	Article
589.Shadap, A., Pariari, A., Lyngdoh, Y.A.	Influence of organic manures, bio-fertilizers and graded dose of inorganic fertilizers on the growth and yield of ginger ( <i>Zingiber officinale</i> Rosc.)	2018	Plant Archives	18	2		1593	1597	4.41	Article
590.Patel, A.S., Pradhan, R.C., Kar, A., Mohapatra, D.	Effect of fortification of de-oiled bottle gourd ( <i>Lagenaria Siceraria</i> )	2018	Current Research in Nutrition and	6	3		720	733	4.04	Article

	seed on the functional and chemical characteristics of the biscuit: A nutritional assessment		Food Science							
591.Priya, K.C., Singh, J.K., Kumar, A.	Ergonomics evaluation of selected wheel hoe for design improvement in handle alignment	2018	Annals of Agri Bio Research	23	1		56	59	3.97	Article
592.Vennila, A., Datta, S.C.	Effect of manures and amorphous aluminosilicates on amount and stability of adsorbed humus on coarse and fine clay of different soils from long-term fertilizer experiment	2018	Clay Research	37	1		32	39	2.97	Article
593.Mohanty, S., Datta, S.C.	Effect of Rhizosphere on release of fixed Ammonia	2018	Clay Research	37	1		1	7	2.97	Article
594.Chopra, S., Beaudry, R.	Redesigning evaporatively cooled rooms to incorporate solar powered refrigeration in India	2018	Acta Horticulturae	1194			609	615	NA	Conference Paper
595.Deb, C.K., Marwaha, S., Arora, A., Das, M.	A framework for ontology learning from taxonomic data	2018	Advances in Intelligent Systems and Computing	654			29	37	NA	Conference Paper
596.Singh, S.P., Ekka, U., Singh, M.K., Singh, M.K.	Mathematical model for design of farm equipment suitable to relevant workers	2018	Agricultural Engineering International: CIGR Journal	20	3		141	150	NA	Article
597.Singh, A.K., Bhatt, Y.C.	Wear on circular orifice plate of hollow-cone type agrochemical spray nozzles	2018	Agricultural Engineering International: CIGR Journal	20	3		78	84	NA	Article
598.Manjaiah, K.M., Sandeep, S., Ramesh, T., Mayadevi, M.R.	Soil organic carbon stocks under different agroforestry systems of North-Eastern regions of India	2018	Agroforestry: Anecdotal to Modern Science				299	316	NA	Book Chapter
599.Sacikumar, A., Singh, J.K., Kumar, A., Mani, I.	Development of solar powered evaporatively cooled tractor cab	2018	AMA, Agricultural Mechanization in Asia, Africa and Latin America	49	3		44	49	NA	Article
600.Shadap, A., Pariari, A.,	Effect of foliar sprays of	2018	Annals of	34	2		212	214	NA	Article

Lyngdoh, Y.A.	micronutrients on the performance of ginger ( <i>Zingiber officinale rose.</i> )		Biology							
601.Mandal, A., Purakayastha, T.J., Patra, A.K., Sarkar, B.	Arsenic phytoextraction by <i>Pteris vittata</i> improves microbial properties in contaminated soil under various phosphate fertilizations	2018	Applied Geochemistry	88			258	266	NA	Article
602.Kaushik, M.S., Dash, N.P., Kumar, A., Abraham, G., Singh, P.K.	Tolerance of wetland rice field's cyanobacteria to agrochemicals in cultural condition	2018	Biocatalysis and Agricultural Biotechnology	13			236	243	NA	Article
603.Mahawar, H., Prasanna, R., Singh, S.B., Nain, L.	Influence of Silver, Zinc Oxide and Copper Oxide Nanoparticles on the Cyanobacterium <i>Calothrix elenkinii</i>	2018	BioNanoScience	8	3		802	810	NA	Article
604.Jain, P.K., Bhattacharya, R., Kohli, D., Aminedi, R., Agrawal, P.K.	RNAi for resistance against biotic stresses in crop plants	2018	Biotechnologies of Crop Improvement, Volume 2: Transgenic Approaches				67	112	NA	Book Chapter
605.Sharma, S., Arora, A., Sharma, P., Singh, S., Nain, L., Paul, D.	Notable mixed substrate fermentation by native <i>Kodamaea ohmeri</i> strains isolated from <i>Lagenaria siceraria</i> flowers and ethanol production on paddy straw hydrolysates	2018	Chemistry Central Journal	12	1	8			NA	Article
606.Haque, M.M., Biswas, J.C., Maniruzzaman, M., Choudhury, A.K., Naher, U.A., Hossain, B., Akhter, S., Ahmed, F., Kalra, N.	Greenhouse gas emissions from selected cropping patterns in Bangladesh	2018	Climate Change and Agriculture in India: Impact and Adaptation				69	77	NA	Book Chapter
607.Mandal, N., Rakshit, R., Datta, S.C., Singh, A.K.	Nanotechnology in the arena of changing climate	2018	Climate Change and Agriculture in India: Impact and Adaptation				174	190	NA	Book Chapter
608.Kalra, N., Kumar, M.	Simulating the impact of climate change and its variability on agriculture	2018	Climate Change and Agriculture in India: Impact and Adaptation				21	28	NA	Book Chapter

609.Hashmi, T.R., Devi, S.R., Meshram, N.M., Prasad, R.	Assessment of bacterial endosymbionts and the host, Bemisia tabaci (Hemiptera: Aleyrodidae), using rRNA and mitochondrial cytochrome oxidase I gene sequences	2018	Communicative and Integrative Biology	11	1	e1433442			NA	Article
610.Chadha, K.L., Pandey, R.M.	Psidium guajava	2018	CRC Handbook of Flowering	5			287	293	NA	Book Chapter
611.Gupta, S.K., Nepolean, T., Shaikh, C.G., Rai, K., Hash, C.T., Das, R.R., Rathore, A.	Phenotypic and molecular diversity-based prediction of heterosis in pearl millet (Pennisetum glaucum L. (R.) Br.)	2018	Crop Journal	6	3		271	281	NA	Article
612.Ghasal, P.C., Shivay, Y.S., Pooniya, V., Choudhary, M., Verma, R.K.	Zinc partitioning in basmati rice varieties as influenced by Zn fertilization	2018	Crop Journal	6	2		136	147	NA	Article
613.Marla, S.S., Mirza, N., Nadella, K.D.	Metabolic pathway analysis employing bioinformatic software	2018	Current trends in Bioinformatics: An Insight				175	192	NA	Book Chapter
614.Somvanshi, V.S., Ghosh, O., Budhwar, R., Dubay, B., Shukla, R.N., Rao, U.	A comprehensive annotation for the root-knot nematode Meloidogyne incognita proteome data	2018	Data in Brief	19			1073	1079	NA	Article
615.Madhavan, J., Jayaswal, P., Singh, K.B.M., Rao, U.	Identification of putative flowering genes and transcription factors from flower de novo transcriptome dataset of tuberose (Polianthes tuberosa L.)	2018	Data in Brief	20			2027	2035	NA	Article
616.Krishna, G., Sahoo, R.N., Pradhan, S., Ahmad, T., Sahoo, P.M.	Hyperspectral satellite data analysis for pure pixels extraction and evaluation of advanced classifier algorithms for LULC classification	2018	Earth Science Informatics	11	2		159	170	NA	Article
617.Kumar, S., Panwar, A.S., Kumar, S., Shamim, M., Mishra, D.	Statistical data analysis tools: Software prospects for crop productivity	2018	Eco-friendly Agro-biological Techniques for Enhancing Crop Productivity				275	282	NA	Book Chapter
618.Mahawar, H., Prasanna, R.	Prospecting the interactions of nanoparticles with beneficial microorganisms for developing	2018	Environmental Nanotechnology, Monitoring and	10			477	485	NA	Article

	green technologies for agriculture		Management							
619.Gundewadi, G., Rudra, S.G., Sarkar, D.J., Singh, D.	Nanoemulsion based alginate organic coating for shelf life extension of okra	2018	Food Packaging and Shelf Life	18			1	12	NA	Article
620.Sharma, S., Varghese, E., Arora, A., Singh, K.N., Singh, S., Nain, L., Paul, D.	Corrigendum: Augmenting pentose utilization and ethanol production of native <i>Saccharomyces Cerevisiae</i> LN using medium engineering and response surface methodology [Front. Bioeng. Biotechnol, 6, 132 (2018)] doi: 10.3389/fbioe.2018.00132	2018	Frontiers in Bioengineering and Biotechnology	6	NOV	168			NA	Erratum
621.Mittal, S., Banduni, P., Mallikarjuna, M.G., Rao, A.R., Jain, P.A., Dash, P.K., Thirunavukkarasu, N.	Structural, functional, and evolutionary characterization of major drought transcription factors families in maize	2018	Frontiers in Chemistry	6	MAY	177			NA	Article
622.Mishra, R., Patil, B.L.	First complete genome sequence of a distinct Papaya ringspot virus isolate from the northeastern region of India	2018	Genome Announcements	6	22	e00437-18			NA	Article
623.Kumar, A., Mishra, P., Maurya, R., Mishra, A.K., Gupta, V.K., Ramteke, P.W., Marla, S.S.	Improved draft genome sequence of a monoteliosporic culture of the Karnal bunt ( <i>Tilletia indica</i> ) pathogen of wheat	2018	Genome Announcements	6	20	e00015-18			NA	Article
624.Singh, R.	Biofuels in transport sector	2018	Green Energy and Technology				113	122	NA	Book Chapter
625.Borah, P., Singh, P., Rangan, L., Karak, T., Mitra, S.	Mobility, bioavailability and ecological risk assessment of cadmium and chromium in soils contaminated by paper mill wastes	2018	Groundwater for Sustainable Development	6			189	199	NA	Article
626.MEENA, N.K., ASREY, R.	Tree Age Affects Postharvest Attributes and Mineral Content in Amrapali Mango ( <i>Mangifera indica</i> ) Fruits	2018	Horticultural Plant Journal	4	2		55	61	NA	Article
627.Hada, A., Krishnan, V., Mohamed Jaabir, M.S., Kumari, A., Jolly, M.,	Improved Agrobacterium tumefaciens-mediated transformation of soybean [Glycine	2018	In Vitro Cellular and Developmental	54	6		672	688	NA	Article

Praveen, S., Sachdev, A.	max (L.) Merr.] following optimization of culture conditions and mechanical techniques		Biology - Plant							
628.Lakra, S.A., Kapoor, V.K.	Doctor, Is This My Last Surgery?	2018	Indian Journal of Surgery	80	4		377	381	NA	Article
629.Seth, T., Lyngdoh, Y.A., Chattopadhyay, A., Sharangi, A.B., Mishra, G.P.	Export of Onion, Garlic and Chilli: Three essential spices in daily kitchen	2018	Indian Spices: The Legacy, Production and Processing of India's Treasured Export				359	378	NA	Book Chapter
630.Pervez, R.	Plant health management in major spice crops	2018	Indian Spices: The Legacy, Production and Processing of India's Treasured Export				205	247	NA	Book Chapter
631.Prajapati, R., Chakraborty, D., Kumar, V.	Advances in soil moisture retrieval from near-surface measurements using satellite remote sensing	2018	International Archives of the Photogrammetry, Remote Sensing and Spatial Information Sciences - ISPRS Archives	42	5		861	869	NA	Conference Paper
632.Rawat, K.S., Mishra, S.V., Singh, S.K.	Integration of Earth Observation Data and Spatial Approach to Delineate and Manage Aeolian Sand-Affected Wasteland in Highly Productive Lands of Haryana, India	2018	International Journal of Geophysics	2018		2847504			NA	Article
633.Mitra, S., Kumar, R., Roy, P., Basu, S., Barik, S., Goswami, A.	Naturally Occurring and Synthetic Mesoporous Nanosilica: Multimodal Applications in Frontier Areas of Sciences	2018	International Journal of Nanoscience						NA	Article in Press
634.Reddy, A.A., Raju, S.S., Suresh, A., Kumar, P.	Analysis of pearl millet market structure and value chain in India	2018	Journal of Agribusiness in Developing and Emerging	8	2		406	424	NA	Article



			Economies								
635.	Biswas, D.R., Ghosh, A., Ramachandran, S., Basak, B.B., Moharana, P.C.	Dependence of Thermal and Moisture Sensitivity of Soil Organic Carbon Decomposition on Manure Composition in an Inceptisol Under a 5-Year-Old Maize-Wheat Cropping System	2018	Journal of Geophysical Research: Biogeosciences	123	5		1637	1650	NA	Article
636.	Jain, A., Hussain, Z., Yadav, R.P., Bhardwaj, R.	Effect of carbendazim on in vitro conservation and genetic stability assessment in <i>Curcuma longa</i> . and <i>Zingiber officinale</i>	2018	Journal of Herbs, Spices and Medicinal Plants	24	2		160	172	NA	Article
637.	Saxena, P., Gupta, S.K., Mehrotra, D., Kamthan, S., Sabir, H., Katiyar, P., Sai Prasad, S.V.	Assessment of digital literacy and use of smart phones among Central Indian dental students	2018	Journal of Oral Biology and Craniofacial Research	8	1		40	43	NA	Article
638.	Shadap, A., Lyngdoh, Y.A., Singh, S.K.	Ginger as an alternative medicine to urban population - A review	2018	Journal of Pure and Applied Microbiology	12	2		1027	1031	NA	Article
639.	Gupta, M., Aziz, M.N., Choudhary, D.K., Shrivastava, N., Varma, A., Paul, B.	Identification of chitin degrading bacterial strains isolated from bulk and rhizospheric soil	2018	Journal of Pure and Applied Microbiology	12	2		133	141	NA	Article
640.	Munda, S., Shivakumar, B.G., Rana, D.S., Gangaiah, B., Manjaiah, K.M., Dass, A., Layek, J., Lakshman, K.	Inorganic phosphorus along with biofertilizers improves profitability and sustainability in soybean ( <i>Glycine max</i> )“potato ( <i>Solanum tuberosum</i> ) cropping system	2018	Journal of the Saudi Society of Agricultural Sciences	17	2		107	113	NA	Article
641.	Qureshi, N.W., Krishnan, M., Srinivasa, A.K.	Use of Delphi approach to develop indicators and preferences for restoration of balance in Dal Lake fisheries	2018	Lakes and Reservoirs: Research and Management	23	4		358	366	NA	Article
642.	Sarkar, R., Kundu, A., Banerjee, K., Saha, S.	Anthocyanin composition and potential bioactivity of karonda ( <i>Carissa carandas</i> L.) fruit: An Indian source of biocolorant	2018	LWT	93			673	678	NA	Article
643.	Nair, K.K., Kumar, R., Gopal, M., Siddiqui, W.A.	Facile synthesis and characterization of polymer embedded catenated nanosulfur	2018	Materials Research Express	5	2	25007			NA	Article

644. Checker, V.G., Kushwaha, H.R., Kumari, P., Yadav, S.	Role of phytohormones in plant defense: Signaling and cross talk	2018	Molecular Aspects of Plant-Pathogen Interaction				159	184	NA	Book Chapter
645. Gupta, O.P., Pandey, V., Meena, N.L., Karkute, S.G., Banerjee, S., Dahuja, A.	Small noncoding RNA-based regulation of plant immunity	2018	Molecular Aspects of Plant-Pathogen Interaction				203	217	NA	Book Chapter
646. Bagul, S.D., Rajput, J.D., Srivastava, C., Bendre, R.S.	Insect growth regulatory activity of carvacrol-based 1,3,4-thiadiazoles and 1,3,4-oxadiazoles	2018	Molecular Diversity	22	3		647	655	NA	Article
647. Saha, S., Mandal, A., Dutta, A.	Good Agricultural Practices: Requirement for the Production of Quality Herbal Medicines	2018	Natural Products and Drug Discovery: An Integrated Approach				607	631	NA	Book Chapter
648. Sharma, M., Kansal, R., Singh, D.	Endophytic Microorganisms: Their Role in Plant Growth and Crop Improvement	2018	New and Future Developments in Microbial Biotechnology and Bioengineering: Crop Improvement through Microbial Biotechnology				391	413	NA	Book Chapter
649. Dangwal, M., Mathad, S.M., Patil, B.L.	Novel Strategies for Engineering Resistance to Plant Viral Diseases	2018	New and Future Developments in Microbial Biotechnology and Bioengineering: Crop Improvement through Microbial Biotechnology				145	174	NA	Book Chapter

650.Prasanna, R., Saxena, G., Singh, B., Ranjan, K., Buddhadeo, R., Velmourougane, K., Ramakrishnan, B., Nain, L., Singh, M.C., Hasan, M., Shivay, Y.S.	Mode of application influences the biofertilizing efficacy of cyanobacterial biofilm formulations in chrysanthemum varieties under protected cultivation	2018	Open Agriculture	3	1		478	489	NA	Article
651.Payumo, J.G., Assem, S., Bhooshan, N., Galhena, H., Mbabazi, R., Maredia, K.	Managing agricultural research for prosperity and food security in 2050: Comparison of performance, innovation models and prospects	2018	Open Agriculture Journal	12			20	35	NA	Review
652.Abedinpour, M., Sarangi, A.	Evaluation of dssat-ceres model for maize under different water and nitrogen levels	2018	Pertanika Journal of Science and Technology	26	4		1605	1618	NA	Article
653.Rajendran, T.P., Birah, A., Burange, P.S.	Insect Pests of Cotton	2018	Pests and Their Management				361	411	NA	Book Chapter
654.Kumar, P., Kaur, J., Suby, S.B., Sekhar, J.C., Lakshmi, S.P.	Pests of Maize	2018	Pests and Their Management				51	79	NA	Book Chapter
655.Dwivedi, S.K., Arora, A., Singh, V.P., Singh, G.P.	Induction of water deficit tolerance in wheat due to exogenous application of plant growth regulators: membrane stability, water relations and photosynthesis	2018	Photosynthetica	56	2		478	486	NA	Article
656.Singareddy, V., Sheri, V.R., Muddanuru, T., Tatineni, R., Jain, R.K., Sankaraneni, C.R., Kodeboyina, V.S., Mulpuri, S.	Genetic engineering of sunflower ( <i>Helianthus annuus</i> L.) for resistance to necrosis disease through deployment of the TSV coat protein gene	2018	Plant Cell, Tissue and Organ Culture	135	2		263	277	NA	Article
657.Malhotra, H., Vandana, Sharma, S., Pandey, R.	Phosphorus nutrition: Plant growth in response to deficiency and excess	2018	Plant Nutrients and Abiotic Stress Tolerance				171	190	NA	Book Chapter
658.Kumar, S., Baghel, M., Yadav, A., Dhakar, M.K.	Postharvest biology and technology of berries	2018	Postharvest Biology and Technology of Temperate Fruits				349	370	NA	Book Chapter
659.Meena, N.K., Baghel, M.,	Postharvest biology and technology	2018	Postharvest				299	329	NA	Book

Jain, S.K., Asrey, R.	of kiwifruit		Biology and Technology of Temperate Fruits							Chapter
660.Vijay, P., Ezekiel, R., Pandey, R.	Use of CIPC as a potato sprout suppressant: Health and environmental concerns and future options	2018	Quality Assurance and Safety of Crops and Foods	10	1		17	24	NA	Review
661.Parida, B.R., Behera, S.N., Oinam, B., Patel, N.R., Sahoo, R.N.	Investigating the effects of episodic Super-cyclone 1999 and Phailin 2013 on hydro-meteorological parameters and agriculture: An application of remote sensing	2018	Remote Sensing Applications: Society and Environment	10			128	137	NA	Article
662.Sharma, I.P., Sharma, A.K., Prashad, L., Rana, V.S.	Natural bacterial cell-free extracts with powerful nematocidal activity on root-knot nematode	2018	Rhizosphere	5			67	70	NA	Article
663.Shrivastava, M., Srivastava, P.C., D'Souza, S.F.	Phosphate-solubilizing microbes: Diversity and phosphates solubilization mechanism	2018	Role of Rhizospheric Microbes in Soil: Volume 2: Nutrient Management and Crop Improvement				137	165	NA	Book Chapter
664.Moharana, P.C., Meena, M.D., Biswas, D.R.	Role of phosphate-solubilizing microbes in the enhancement of fertilizer value of rock phosphate through composting technology	2018	Role of Rhizospheric Microbes in Soil: Volume 2: Nutrient Management and Crop Improvement				167	202	NA	Book Chapter
665.Bhat, J.S., Patil, B.S., Hariprasanna, K., Hossain, F., Muthusamy, V., Mukri, G., Mallikarjuna, M.G., Zunjare, R., Singh, S.P., Mukesh Sankar, S., Singhal, T., Venkatesh, K.,	Genetic enhancement of micronutrient content in cereals	2018	Sabrao Journal of Breeding and Genetics	50	3		373	429	NA	Review

Gupta, V., Chakraborti, M., Chattopadhyay, K., Ghagane, S.C., Hiremath, M.B., Choudhary, A.K.										
666.Hegde, V.S., Tripathi, S., Bharadwaj, C., Agrawal, P.K., Choudhary, A.K.	Genetics and genomics approaches to enhance adaptation and yield of chickpea ( <i>Cicer arietinum</i> L.) in semi-arid environments	2018	Sabrao Journal of Breeding and Genetics	50	2		217	241	NA	Review
667.Suprasanna, P., Ghuge, S.A., Patade, V.Y., Mirajkar, S.J., Nikalje, G.C.	Genomic roadmaps for augmenting salinity stress tolerance in crop plants	2018	Salinity Responses and Tolerance in Plants	2			189	216	NA	Book Chapter
668.Turan, S.	Single-gene versus multigene transfer approaches for crop salt tolerance	2018	Salinity Responses and Tolerance in Plants, Volume 1: Targeting Sensory, Transport and Signaling Mechanisms				359	379	NA	Book Chapter
669.Das, B., Sahoo, R.N., Pargal, S., Krishna, G., Verma, R., Chinnusamy, V., Sehgal, V.K., Gupta, V.K., Dash, S.K., Swain, P.	Quantitative monitoring of sucrose, reducing sugar and total sugar dynamics for phenotyping of water-deficit stress tolerance in rice through spectroscopy and chemometrics	2018	Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy	192			41	51	NA	Article
670.Adak, A., Singh, S., Lavanya, A.K., Sharma, A., Nain, L.	Sustainable production of biofuels from weedy biomass and other unconventional lignocellulose wastes	2018	Sustainable Biotechnology-Enzymatic Resources of Renewable Energy				83	116	NA	Book Chapter
671.Tripathi, K., Yadav, R.K., Reddy, Y.P., Kumar, D.	Adaptive strategies of cyanobacteria in response to salinity	2018	The Role of Photosynthetic Microbes in Agriculture and Industry				237	252	NA	Book Chapter

672.Khanra, S., Gayen, K., Halder, G., Bhowmick, T.K., Oinam, G., Tiwari, O.N.	Lipid derived products from microalgae: Downstream processing for industrial application	2018	The Role of Photosynthetic Microbes in Agriculture and Industry				31	50	NA	Book Chapter
673.Sinha, S.K., Rani, M., Kumar, A., Kumar, S., Venkatesh, K., Mandal, P.K.	Natural variation in root system architecture in diverse wheat genotypes grown under different nitrate conditions and root growth media	2018	Theoretical and Experimental Plant Physiology	30	3		223	234	NA	Article
674.Negi, K., Kumar, R., Sharma, L., Datta, S.P., Choudhury, M., Kumar, P.	Serum zinc, copper and iron status of children with coeliac disease on three months of gluten-free diet with or without four weeks of zinc supplements: a randomised controlled trial	2018	Tropical Doctor	48	2		112	116	NA	Article
675.Shrivastava, M., Ghosh, A., Bhattacharyya, R., Singh, S.D.	Urban pollution in India	2018	Urban Pollution: Science and Management				341	356	NA	Book Chapter

**Research Impact: Faculty having h-index as 10 or more than 10**

<b>S.NO</b>	<b>NAME OF FACULTY</b>	<b>DESIGNATION</b>	<b>H-INDEX</b>
1	Radha Prasanna	Professor	37
2	Vinay Kumar Sehgal	Professor	14
3	Dr. Kalkinkar Bandyopadhyay	Principal Scientist	27
4	Dr. S. K. Jha	Principal Scientist	11
5	Matiyar Rahaman Khan	Principal Scientist & Professor	13
6	Charanjitkaur	Principal scientist	25
7	Dr. ONKAR NATH Tiwari	Senior Scientist	14
8	Venkadasamy Govindasamy	Scientist	13
9	Dr. Abhijit Kar	Principal Scientist	16
10	Dr Pranita Jaiswal	Principal Scientist	19
11	Dr Ram Asrey	Principal Scientist	17
12	Dr. Prameela Krishnan	Head	16
13	Dr. Yashbir Singh Shivay	Principal Scientist	31
14	ANIL KUMAR CHOUDHARY	SENIOR SCIENTIST	21
15	Dr. T. K. Das	Professor and Principal Scientist	17
16	Shankar Lal Jat	Scientist (SS)	14
17	Dr. Sangeeta Paul	Principal Scientist	12
18	Dr Vijay Pooniya	Scientist	13
19	BALASUBRAMANIAN RAMAKRISHNAN	PRINCIPAL SCIENTIST	26
20	Jyoti Kumari	Principal Scientist	10
21	Dr Gyan Prakash Mishra	Senior Scientist	18
22	Kishor Gaikwad	Principal Scientist	25
23	Dr Gopala Krishnan S	Principal Scientist (Plant Breeding)	16
24	Aruna Tyagi	Professor	11
25	Anju Arora	Scientist SG	19
26	geeta	principal scientist	14
27	Dr. Suneha Goswami	Scientist-SS	12
28	Naveen Singh	Principal Scientist	12
29	Shelly Praveen	Head and Principal Scientist	19
30	Dr. Lata	Principal Scientist	36
31	Vignesh M	Scientist Senior Scale	12
32	Anil Dahuja	Principal Scientist	13
33	GERARD ABRAHAM	PRINCIPAL SCIENTIST	13
34	C.M. PARIHAR	Scientist	15
35	Sanjay Singh Rathore	Principal Scientist	11
36	Debashish Chakraborty	National Fellow	21
37	Dr.S.S. Sindhu	Principal Scientist and Head	13
38	Vinod	Professor & Principal Scientist	10
39	Prof. Man Singh	Professor	25

40	Dr Khajanchi Lal	Principal Scientist	12
41	Dr Manoj Khanna	Principal Scientist	11
42	Dr Ravinder Kaur	Principal Scientist	12
43	Dr Susama Sudhishri	Principal Scientist	14
44	Tapan Kumar Mondal	Principal Scientist	21
45	Ranjith Kumar Ellur	Scientist	12
46	Dr. Monika Dalal	Principal scientist	12
47	Dr Shailesh Tripathi	Principal Scientist	18
48	Dr. Suresh Kumar	Principal Scientist	16
49	Rabi Narayan Sahoo	Principal Scientist	17
50	Dr S.P. Datta	Professor	24
51	Dr. BRAHMA S DWIVEDI	Head	27
52	Dr. R.N. Pandey	Principal Scientist	11
53	Dr. D. R. Biswas	Principal Scientist	20
54	Dr. K.M. Manjiaiah	Associate Dean	14
55	Dr. T.J. Purakayastha	Principal Scientist	21
56	Dr. Vinod Kumar Sharma	Principal Scientist	10
57	Dr. Ranjan Bhattacharyya	Principal Scientist	30
58	Dr. Mahesh Chand Meena	Senior Scientist	14
59	Devendra Kumar Yadava	Principal Scientist (Plant Breeding) & Head (DSST)	10
60	DOLLY WATTAL DHAR	Principal Scientist	15
61	Dr. Shakeel Ahmad Khan	Senior Scientist	11
62	Dr. Rajesh Kumar	Principal Scientist	21
63	Vandana Tripathy	Senior Scientist	10
64	Neera Singh	Principal Scientist	21
65	Dr. Rashmi Aggarwal	Dean & Joint Director (Edn.) (Addl. Charge)	16
66	Dr. Archana Singh	Principal Scientist	16
67	Dr. Irani Mukherjee	Principal scientist	20
68	Dr. Manoj Shrivastava	Principal Scientist	10
69	Dr. Amrender Kumar	Principal Scientist	12
70	Dr Suman Gupta	Principal Scientist	21
71	ANNAPURNA KANNEPALLI	HEAD	32
72	Dr. Subhash Chander	Professor & Principal Scientist	14
73	Dr. Mukesh Kumar Dhillon	Principal Scientist	20
74	Dr. Shiv Prasad	Principal Scientist	11
75	Dr. Kanwar Pal Singh	Professor	12
76	Dr. Viswanathan Chinnusamy	Principal Scientist & Head (acting)	35
77	GUNJEET KUMAR	Principal Scientist	10
78	Dr Vinay Kumari Kalia	Principal Scientist	15
79	Dr Shiv Dhar Singh	Head	17
80	Dr S. Naresh Kumar	Professor	20
81	Dr Anita Choudhary	Principal Scientist	28
82	Dr Arti Bhatia	Principal Scientist	29



83	Dr Bhupinder Singh	Principal Scientist	20
84	Dr Navindu Gupta	Principal Scientist	10
85	Dr S.K. Bandyopadhyay	Principal Scientist	10
86	Dr Bidisha Chakravarti	Senior scientist	10
87	Dr Niveta Jain	Principal Scientist	22
88	Dr Renu Singh	Senior scientist	10
89	Dr. (Mrs) P. Krishnan	Head	16
90	Dr. (Mrs) P. Aggarwal	Principal Scientist	14
91	Dr. A. Sarangi	Principal Scientist	22
92	Dr. D. K. Singh	Professor	12
93	Dr VK Singh	Head	17
94	Dr Raj Singh	Principal Scientist	12
95	Dr Amal Ghosh	Principal Scientist	10
96	Dr Shiva Dhar	Principal Scientist	11
97	Dr Dinesh Kumar	Principal Scientist	20
98	Dr. Anchal Dass	Senior scientist	15
99	Dr. C.M. Parihar	Scientist	15
100	Dr. Archna Suman	Principal Scientist	22
101	Dr. Geeta Singh	Principal Scientist	13
102	Dr. Rajeev Kaushik	Principal Scientist	17
103	Dr. Meenakshi Grover	Principal Scientist	15
104	DR. PANKAJ	Principal Scientist	12
105	DR. VISHAL SINGH SOMVANSHI	Senior scientist	13
106	Dr. S.K. Bandhyopadhyay	Principal Scientist	10
107	Dr. Anita Chaudhary	Principal Scientist	28
108	Dr. Manoj Srivastava	Senior scientist	10
109	Dr. Bhidisha Chakrabarti	Senior scientist	10
110	Dr. Kuldeep Singh	Director	26
111	Dr. Ashok Kumar Singh	Head	32
112	Dr. Chellapilla Bharadwaj	Principal Scientist	14
113	Dr. (Ms.) Anju Mahendru	Principal Scientist	13

**Annexure B3(i)****PATENT APPLICATIONS GRANTED IN 2018**

<b>S. No.</b>	<b>Application No.</b>	<b>Grant No.</b>	<b>Title</b>	<b>Date of Grant</b>
1.	2150/DEL/2004	291334	LIGHT, HEAT AND WATER RESISTANT NEEM MELIACIN CONCENTRATES AND PRODUCTS WITH CONTROLLED RELEASE	02/01/2018
2.	2051/DEL/2011	292080	NANOENCAPSULATED HEXACONAZOLE: A NOVEL FUNGICIDE AND THE PROCESS FOR MAKING THE SAME	24/01/2018
3.	2032/DEL/2008	292555	PUSA 5SD-A BIO-FORMULATION OF TRICHODERMA HARZIANUM (IARI P-4) FOR SEED TREATMENT	05/02/2018
4.	1710/DEL/2009	292524	A NOVEL FORMULATION OF THE PLANT GROWTH PROMOTING RHIZOBACTERIA WITH ENHANCED SHELF-LIFE AND THE METHOD OF ITS PREPARATION	02/02/2018
5.	420/DEL/2012	294416	NANOCOPPER - A COPPER BASED FORMULATION TO COMBAT BACTERIAL BLIGHT OF POMEGRANATE, RICE AND BEAN	16/03/2018
6.	2416/DEL/2004	293925	IMPROVEMENTS IN OR RELATING TO THE PREPARATION OF LIQUID PESTICIDAL CONCENTRATES OF NEEM MELIACIN(S)	07/03/2018
7.	577/DEL/2009	294901	DEVELOPMENT OF SCAR MARKER FOR IDENTIFICATION OF CHAETOMIUM GLOBOSUM - A POTENTIAL BIOCONTROL AGENT	26/03/2018
8.	3746/DEL/2012	295150	DEVELOPMENT OF POLYMERIC FORMULATIONS OF	28/03/2018

			BIOACTIVE MOLECULES AND METHOD OF PREPARATION THEREOF	
9.	3459/DEL/2005	296712	COMPOSITION FOR EARLY, PROFUSE SPORULATION UNDER SOLID STATE, OF THE IMPROVISED ISOLATE OF TRICHODERMA HARZIANUM AND A PROCESS THEREOF	11/05/2018
10.	1986/DEL/2004	299908	ANIMAL FEED CRUSHER	13/08/2018
11.	3744/DEL/2012	300102	AMPHIPHILIC POLYMERS BASED SLOW RELEASE NANO FORMULATIONS OF $\beta$ -CAROTENE AND METHOD OF PREPARATION THEREOF	20/08/2018
12.	419/DEL/2012	299749	FUSION GENE CONSTRUCT FOR GENERATION OF COCKTAIL ANTISERUM FOR DETECTION OF POTYVIRUS AND CUCUMOVIRUS	06/08/2018
13.	1042/DEL/2014	301187	BENEFICIATION OF PHOSPHATE ROCK FOR THE SEGREGATION OF PHOSPHORUS CONTAINING HEAVY METAL FREE MINERALS	19/09/2018
14.	1983/DEL/2004	302775	POWERED ANIMAL FEED MIXER	31/10/2018

**Annexure B3(ii)**

**List of varieties released in 2018**

<b>S.No.</b>	<b>Name of Crop</b>	<b>Variety</b>	<b>Released authority</b>	<b>PI name</b>
1.	Chickpea	BGD 111-1	State variety Dharwad	Dr. B.S. Patil, Scientist In- Charge, IARI RS Dharwad
2.	Maize	ASKH-4	The Deputy Commissioner (Quality Control), Department of Agriculture, Cooperation and Farmers Welfare, Krishi Bhawan, New Delhi.	Dr. Firoz Hossain, Principal Scientist, Division of Genetics
3.	Rice	1850-27 ((IET25480))	-do-	Dr. A.K. Singh, Head, Division of Genetics
4.	Maize hybrid	PUSA JAWAHAR HYBRID MAIZE-1 (AH-1601)	Central Sub-Committee on Crop Standards	Dr. Ganpati Mukri, Scientist, Division of Genetics
5.	Wheat	HD 3237	Central Sub-Committee on Crop Standards	Dr. P.K. Singh, PS, Division of Genetics
6.	Wheat	Bread wheat genotype HI 1620	Central Sub-Committee on Crop Standards	Dr. S.V. Sai Prasad, Head, IARI Regional Station Indore
7.	wheat	HD 3236	Central Sub-Committee on Crop Standards	Dr. Rajbir Yadav, Principal Scientist, Division of Genetics

**Annexure C2****Extension Workers award at State/ National level (by Govt. agency)**

<b>S.No.</b>	<b>Period</b>	<b>Name of the Scientist</b>	<b>Name of the Awards</b>	<b>Organizing Institute</b>	<b>Contributions</b>
1.	2018	Dr. Premlata Singh, Head (A) & Pri. Scientist	SEE Fellow Award during 9 <sup>th</sup> National Extension Education Congress 2018 at CAEPHT, Sikkim	Society of Extension Education, Agra	Outstanding Contribution in the field of Extension Education
2.	2018	Dr. Om Prakash Principal Scientist	ISEE Fellow Award during ISEE National Seminar 2018 at Kolkata	Indian Society of Extension Education, New Delhi	Outstanding Contribution in the field of Extension Education
3.	2019	Dr. R. Roy Burman Principal Scientist	Best Scientist Award by Vidyarthi Kalyan Nyas, Bhopal	Vidyarthi Kalyan Nyas, Bhopal	Excellence in the field of Agricultural Extension
4.	2018	Dr. M. S. Nain Principal Scientist	Ram Nath Puruskar	Indian Agricultural Research Institute (IARI), New Delhi	For Hindi Publication
5.	2018	Dr. M. S. Nain Principal Scientist	Dr. K. N. Singh Memorial Award, 2018 by ISEE	Indian Society of Extension Education, New Delhi	Education, Research, Training
6.	2018	Dr. Satyapriya Principal Scientist	Dr. K. N. Singh Memorial Award	Indian Society of Extension Education, New Delhi	Education, Research, Training
7.	2018	Dr. V. Sangeetha Scientist	Dr. N.A. Mujumdar Prize Award for “Crop residue production and bioenergy potential in India: Crop and Regional level analysis” from Indian Society of Agricultural Economics in 78 <sup>th</sup> Annual Conference	Indian Society of Agricultural Economics	As one of the co-author for the paper

			Young Professional Award by Society of Community Mobilization and Sustainable Development	Society of Community Mobilization and Sustainable Development, New Delhi	Excellence in extension, research, and teaching
			Young Scientist Award of Indian Society of Extension Education	Society of Community Mobilization and Sustainable Development, New Delhi	Excellence in extension, research, and teaching
8.	2018	Dr. Sudipta Paul Scientist	Young Scientist Award of Society of Extension Education	Society of Extension Education, Agra	Overall performance in extension research
			Young Scientist Award of Indian Society of Extension Education,	Indian Society of Extension Education, New Delhi	Overall performance in extension research
10.	2018	Dr. Sukanya Barua Scientist	Young Scientist Award of Indian Society of Extension Education	Indian Society of Extension Education, New Delhi	Overall performance in extension research
11.	2018	Mr. Sitaram Scientist	Young Scientist Award of Indian Society of Extension Education	Indian Society of Extension Education, New Delhi	Overall performance in extension research

## Template for the Parameter B2

Sl No.	Number of faculty members having h-index as 10 or more	Total number of faculty	Percentage of faculty with h-index as 10
<b>List of faculty members having h-index as 10 or more</b>			
Sl No.	Name of the faculty	h-index	

## Template for the Parameter C5

Sl No.	Total revenue generated	Total budget of university	Percentage
1	₹. 276.74 Lakhs	₹. 60635.42 Lakhs	0.46%
Sl No.	Revenue generated*	Amount in lakhs	
	Consultancies	₹. 164.07	
	Certification	-	
	Testing	₹. 8.84	
	Tuition fee	₹. 51.76	
	Licensing	-	
	Training	₹. 0.34	
	Sale of inputs	-	
	Commercialization of technologies	-	
	Any other (Please specify) Sale of farm produce	₹. 51.73	
	Total	₹. 276.74	

\* These details are to be duly certified and signed by the Comptroller of the University. The list should not include the funds received through external and competitive grants.

Signature of the Comptroller with Seal

10/06/2019  
 वासन  
 10/06/2019  
 वी. आर. श्रीनिवासन  
 V. R. Srinivasan  
 लेखा नियंत्रक / Comptroller  
 भा.कृ.अनु.सं. / I.C.A.R.-I.A.R.  
 नई दिल्ली-110012 / New Delhi-110012

C 6

**Project title: Genetic improvement of rice for yield, NUE, WUE, abiotic and biotic stress tolerance through RNA Guided Genome Editing (CRISPR-Cas9/Cpf1)**

<b>Project Code</b>	: 7003
<b>Duration of project</b>	: Feb 2018 - Jan 2021
<b>Total budget (₹ in lakhs)</b>	: 550.29140
<b>PI Name</b>	: Dr. Viswanathan Chinnusamy
<b>CCPI Name</b>	: Dr. M. K. Reddy
	: Dr. Prasanta K Dash
	: Dr. Parameswaram
	: Dr. Satendra Kumar Mangrauthia
	: Dr. D. Sudhakar
<b>Lead Centre</b>	: IARI, New Delhi
<b>Cooperating centres</b>	: ICGEB, New Delhi
	: NRCPB, New Delhi
	: NRRI, Cuttack
	: IIRR, Hyderabad
	: TNAU, Coimbatore

**Objectives:**

- Development of enabling tools and resources (CRISPR-Cas9/Cpf1) for targeted genome editing of rice.
- Genetic improvement of mega rice cv. MTU1010, Swarna, Samba Mahsuri (BPT5204) and ASD16 with enhanced yield, NUE, WUE, abiotic and biotic stress tolerance through RNA Guided Genome Editing (CRISPR/Cas9/Cpf1).
- Development of human resources with expertise in RNA Guided Genome Editing of crops for functional genomics and crop improvement.

**Expected output:**

- Trained manpower in the National agricultural research system with the expertise and capability to apply genome editing technology for accelerated genetic improvement of rice crop.
- Genome edited rice lines of elite mega rice varieties with known/novel alleles of DEPI, CKX2, TB1, SPL14, PP2Cs, DST, miR169a, Os8N3 and eIF4g genes which will be useful for direct commercial cultivation or donors in breeding programmes.
- Enhanced knowledge on miR169a and ABA signalling in rice, specifically, the functions of the negative regulators of ABA signalling in development and stress responses.



**Project title: Production and Processing of Microalgal Biomass for Biodiesel and Other Industrially Important Co-products: An Algal Refinery Approach**

**Project Code** : 7007  
**Duration of project** : July 2018- June 2021  
**Total budget (₹ in lakhs)** : 176.09361  
**PI Name** : Dr. Nirupama Mallick  
**CCPI Name** : Dr. Dolly Wattal Dhar  
**Lead Centre** : IIT Kharagpur  
**Cooperating centres** : IARI, New Delhi

**Objectives:**

- Growth modeling of selected triacylglycerols (TAG)-producing microalgae under unialgal and mixed culture modes
- To study hydrothermal processing of microalgal biomass for direct conversion to liquid fuel
- To explore the algal refinery approach for improving the economics
- Life Cycle Assessment (LCA) for microalgal biodiesel production

**Expected output:**

- An efficient microalgae mass cultivation system
- Microalgal strains with higher annual triacylglycerol (TAG) yield
- Process for microalgal biocrude and biodiesel
- Process for multiple co-products for Algal refinery
- Wastewater remediation with emphasis on Waste-to-Wealth
- EROI & LCA values

**Project title: Identification of super donors and alleles for spikelet fertility and low chalkiness under thermal stress in rice**

<b>Project Code</b>	: 7014
<b>Duration of project</b>	: Aug 2018 - July 2021
<b>Total budget (₹ in lakhs)</b>	: 324.54170
<b>PI Name</b>	: Dr. Anil Grover
<b>CCPI Name</b>	: Dr. Madan Pal Singh
	: Dr. Girish Chandel
	: Dr. Manu Agarwal
	: Dr. S. Vanisri
<b>Lead Centre</b>	: University of Delhi, South Campus, Delhi
<b>Cooperating centres</b>	: IARI, New Delhi
	: IGKV, Raipur
	: University of Delhi, North Campus, Delhi
	: PJTSAU, Hyderabad

**Objectives:**

- To identify genomic variations in known regulators of high temperature stress. The targeted known regulators will include Caseinolytic protease (Clp), small heat shock proteins (sHSPs) and heat shock factors (HSFs) gene families (UDSC).
- To phenotype the 436 rice cultivars (sequenced under 3000 genome project) for high temperature tolerance in relation to spikelet fertility and grain chalkiness and kernel fissuring and for low temperature tolerance in relation to wilting and leaf yellowing (IARI, IGKV and PJTSAU).
- To undertake GWAS for identification of superior alleles controlling spikelet fertility, grain chalkiness and kernel fissuring under high temperature and wilting under low temperature stress (UDNC).
- To generate expression dataset of coding and non-coding RNAs in selected genotypes for identification of genes controlling wilting and leaf yellowing under low temperature stress (PJTSAU).
- To generate expression dataset in selected genotypes for identification of genes controlling spikelet fertility, grain chalkiness and kernel fissuring under high temperature stress (UDSC).

**Expected output:**

- A comprehensive knowledge of the entire collection of rice cultivars grown in India will be available for high temperature and low temperature stress. This will enhance our understanding of the response of rice to heat stress at all stages with particular emphasis on spikelet fertility, grain chalkiness and kernel fissuring. The phenotyping will also lead to generation of qualitative and quantitative matrices of cold tolerance in the indica

**Project title: Epigenomics of Drought Acclimatization and Stress Memory  
in Rice**

**Project Code** : 7016  
**Duration of project** : Aug 2018 - July 2021  
**Total budget (₹ in lakhs)** : 277.37360  
**PI Name** : Dr. Suresh Kumar  
**CCPI Name** :  
**Lead Centre** : IARI, New Delhi  
**Cooperating centres** :

**Objectives:**

- To map the temporal and spatial variation in DNA methylation and histone modifications, and their roles in regulation of stress-responsive gene expression in rice genotypes with contrasting drought tolerance (i.e. N-22 & IR-64) grown under upland and lowland/irrigated conditions.
- To elucidate the role of RNA-dependent DNA methylation (RdDM) and RNA-dependent DNA demethylation (RdDeM) under drought stress in rice genotypes with contrasting drought tolerance.
- To analyze transgenerational stress memory and responses of drought stress-primed and non-primed rice genotypes.

**Expected output:**

- Information on the role of epimarks (DNA methylation, histone modifications) with respect to up- or down-regulation of stress-associated genes could be utilized for the possible epigenetic manipulation of gene(s) for enhanced abiotic stress tolerance.
- Computational system biology analyses to predict candidate epimarks and regulatory mechanisms, integrative analyses of epigenetic signatures along with transcriptome data would provide us means to understand the regulatory mechanisms associated with drought tolerance and indicate putative targets for genome editing.
- The information generated (on epigenome editing to regulate expression of drought-associated genes) would facilitate recruiting DRM2 to the targeted loci/gene by specialized siRNA pathway to improve drought tolerance in rice and other crop plants for better productivity under rainfed/upland conditions.
- Epigenetic variability (epialleles) identified to be associated with stress tolerance might be utilized as novel epigenetic/molecular markers in stress tolerance breeding programs.

**Project title: Identification of host factors responsible for infection and development of nano-particle based dsRNA delivery system for imparting resistance to begomoviruses**

**Project Code** : 7021  
**Duration of project** : Aug 2018 - July 2021  
**Total budget (₹ in lakhs)** : 275.10470  
**PI Name** : Dr. P.N. Sivalingam  
**CCPI Name** : Dr. Senthil Kumar  
: Dr. Bikash Mandal  
: Dr. Neetu Singh  
**Lead Centre** : NIBSM, Raipur  
**Cooperating centres** : NIPGR, New Delhi  
: IARI, New Delhi  
: IIT, Delhi

**Objectives:**

- To understand the host factors responsible for infection and replication in the identified hosts and non-hosts to begomoviruses
- To develop efficient delivery system of dsRNA conjugated with nano materials
- To study efficiency of ds RNA conjugated with nanoparticles in vector transmission and begomovirus infection.

**Expected output:**

- Host factors necessary for begomovirus replication and infection
- A method to localize begomovirus in host and non host for identification of NHR
- siRNA and dsRNA based therapeutic tools featuring multiple RNAi targets to begomoviruses (ToLCNDV) and vector whitefly, Bemisia tabaci
- Stable mesoporous Silica based nano-carriers and biodegradable organic polymer carrier for dsRNA delivery to plant as well as whitefly
- Anti-begomovirus and anti-whitefly sprays

**Project title: Long-term conservation agriculture impact on microbiome and soil health indicators for resource efficiency and resilience in maize systems**

**Project Code** : 7022  
**Duration of project** : Nov 2018 - Oct 2021  
**Total budget (₹ in lakhs)** : 162.27740  
**PI Name** : Dr Shankar Lal Jat  
**CCPI Name** : Dr. Aundy Kumar  
: Mr. K. Koteswara Rao  
**Lead Centre** : IIMR, New Delhi Unit  
**Cooperating centres** : IARI, New Delhi  
: RC-ER-PATNA

**Objectives:**

- Quantify GHG mitigation potential, carbon dynamics & soil physical health and their relationship with crop yields and resource efficiency under long-term conservation agriculture in maize systems
- Understand, quantify and establish whole microbiome composition & soil fauna responsible for increased yield under long-term conservation agriculture in maize systems
- Quantify pathogens and pest dynamics in maize based cropping systems under long-term CA in maize systems
- Harnessing the maize microbial communities of CA for their potentiality to mitigate stresses and improving resource use efficiency in maize

**Expected output:**

- Science backed evidence on climate change mitigation potential of CA in maize system through quantified carbon sequestration and GHG mitigation.
- New knowledge and evidence on structural and functional microbial diversity and potential culturable microorganism for enhancing tolerance to biotic and abiotic stresses under long term CA.
- Quantified disease, earthworm and termite dynamics under long-term effect of CA in maize system.
- Identified potential microorganisms as biofertilizer/consortia from microbiome associated with CA for increasing input use efficiency/stress resilience in maize.
- Protocols and at least 03 high impact factor research papers on the aspect of soil physical environment, carbon sequestration, microbial structural and functional

**Project title: Artificial intelligence based mobile app for identification  
and advisory of maize diseases and insect pests**

**Project Code** : 7026  
**Duration of project** : Jan 2019 - Dec 2021  
**Total budget (₹ in lakhs)** : 158.20890  
**PI Name** : Dr. Sudeep Marwaha  
**CCPI Name** : Dr. Brejesh Lall  
: Dr. Karambir Singh Hooda  
**Lead Centre** : IARI, New Delhi  
**Cooperating centres** : IIT, Delhi  
: IIMR, Ludhiana

**Objectives:**

- To train the deep learning (Artificial Intelligence) algorithm for maize diseases and insect pests identification
- To develop the artificial intelligence based mobile app for providing the advisory to the farmers using trained deep learning algorithm
- Validation of the developed artificial intelligence mobile app using images from farmers' fields

**Expected output:**

- Database of diseases, pests and insects related to three important diseases of maize.
- Novel automated framework for an accurate and reliable disease, pests and insects classification based on smart phone captured color images of real data.
- As per the mobile first policy of the Digital India Vision of prime minister Narendra Modi, this smartphone assisted app can provide a viable scalable approach to prevent yield loss.
- Image based disease/pests/weeds identification and control system for farmers to prevent crop loss due to diseases by employing various biological, chemical and physical control measures.

**List of Consultancy/Contract Research /Contract Service Project from January to December 2018**

S.No	Title of the Project &	Name of the Principal Investigator and Division/Unit/Station where the work was carried out	Name of the funding agency	Date of Start	Sanctioned cost at the time of approval of project in Rs.
<b>Consultancy</b>					
1.	“Designing an IARI Technology Based Wastewater Treatment Facility for Residential Boarding School Jawahar Navodayas Vidyalays, Kansiram Nagar, U.P.”	Dr. Ravinder Kaur, Principal Scientist, WTC, IARI	Construction & Design Services, UP Jal Nigam, Agra	20.10.18	1,03,840/-
2.	“Designing an IARI Technology Based Wastewater Treatment Facility for All India Women’s Conference, New Delhi”	Dr. Ravinder Kaur, Principal Scientist, WTC, IARI	All India Women’s Conference	20.10.18	1,12,100/-
3.	“IRRI-consultant at Myanmar for improvement of seed system”	Dr. Arun Kumar M.B., Principal Scientist, Division of SST	<b>Individual consultancy</b> IRRI, Myanmar	25.2.2019	82,764/- (\$12000/-)
<b>Contract Research</b>					
4.	“Evaluation of Quinalphos and its analogous against <i>Helicoverpa armigera</i> and <i>Aphis gossypii</i> ”	Dr. J.P. Singh, PS, Entomology-PI Division of Entomology	Gharda Chemicals Limited, Maharashtra	20.3.18	2,45,110/-
5.	“Bio-efficacy study of APN+DFZ 200 SC, Bravo Top 550 SC Penconazole 10 EC in Applie”	Mr. Santosh – Watpade-PI, Scientist, IARI Regional Station, Shimla	Syngenta India Ltd	19.4.18	14,87,366/-
6.	“Evaluation of POLY-4 (Polyhalite) in maize and wheat for enhanced yield, K and S use efficiency”	Dr. V.K. Singh, Head, Division of Agronomy-PI	Sirius Minerals Plc 3 <sup>rd</sup> Floor Greener House, 68 <sup>th</sup> Hymarket, London	09.7.2018	65,50,000/-

			<b>Foreign funded</b>		
7.	“Bio-efficacy Evaluation of Anti-sprouting agent chlorpropham 50% HN stored potato under controlled condition”	Dr. Ram Asrey, Principal Scientist, Division of FS&PHT-PI Dr. V.R. Sagar-Co-PI	United Phosphorus Limited	14.9.2018	5,00,000/-
8.	“Customization of Engineering and Microbiological Technologies and Development of Business Model for Eco-Friendly and Economical Management of Crop Residue at Farmers Field”	Dr. Inder Mani, Head, Ag.Engg-PI	CNH Industrial (India) Pvt. Ltd	27.8.2018	68,60,000/-
9.	“Enrichment of Pressmud with beneficial microbes to develop phosphorus rich organic manure”	Dr. Lavleen Shukla, Principal Scientist, Division of Microbiology-	M/s Aquagreen Engineering Management Private Ltd	18.9.2018	12,14,092
10.	“Evaluation of Potassium Thio-sulphate on Potato Crop for its impact on yield and its attributes”	Dr. Dinesh Kumar, PI, Division of Agronomy	Grasim Industries Ltd Unit-Indo Gulf Fertilisers, Noida	21.12.18	9,08,025/-
<b>Contract Services</b>					
11.	“Characterization of biochar emanated from bio-oil industry”	Dr. T.J. Purakayastha, Principal Scientist, Division of SS&AC	Shell Technology Centre	09.3.2018	23,22,750/-
12.	“Testing, Validation and field Demonstration for performance of specifically formulated plastic films used for mulching and polyhouses”	Dr. Neelam Patel, I/c CPCT-PI	Ampacet Speciality Products Private Ltd	28.6.18	29,39,192/-
13.	“Efficacy of ‘Azomax’ and ‘Ecomax G’ for Enhancement of Yield in Paddy” (Two seasons trials)-	Dr. Ashwani Kumar, Sr. Scientist, IARI Regional Station, Karnal-PI	JU Agri Sciences Pvt. Ltd.	16.7.2018	6,53,720/-



	Contract No.	Contract Title	Project Name	Start Date	Sanctioned Amount
14.	"Evaluation of organic products on growth and productivity of rice based cropping systems and Azolla".	Dr. Y.V. Singh, Principal Scientist, CCUBGA	M/s Vin Poly Additives Pvt. Ltd.	30.8.18	5,56,559/-
15.	"Evaluation of oil based bio-formulation against foliar diseases of tomato".	Dr. Dinesh Singh, Principal Scientist, Division of Plant Pathology-PI	M/s Tricho Agronica Pvt. Ltd	22.10.18	16,97,406/-

2.	Technology Based Wastewater Treatment Facility for Residential Boarding School for girls Navodaya Vidyalaya, Kamaram Nagar, U.P.	Principal Scientist, WTC, IARI	In & Design Services, Central Nigam, Agra		
3.	"Designing a Technology Based Wastewater Treatment Facility for All India Women's Conference, New Delhi"	Dr. Ravinder Kaur, Principal Scientist, WTC, IARI	All India Women's Conference	20.10.18	1,12,100/-
3.	"IRRI-consultant @ Myanmar for improvement of seed system"	Dr. Arun Kumar M.B., Principal Scientist, Division of SST	Individual consultancy IRRI, Myanmar	25.2.2019	87,754/- (512000/-)
<b>Contract Research</b>					
4.	"Evaluation of Quinalphos and its analogues against <i>Helicoverpa armigera</i> and <i>Aphis gossypii</i> "	Dr. J.P. Singh, PS, Entomology-PI Division of Entomology	Charvi Chemicals Limited, Maharashtra	29.3.18	2,45,110/-
5.	"Bio-activity study of APN-114 250 SC, Bravo Top 250 SC, Fenoxymethon 10 EC in Aphis"	N. Rajesh - Wagode-PI, Scientist, IARI Regional Station, Seindia	Syngenta India Ltd	19.4.18	14,87,350/-
6.	"Evaluation of POLY-4 (Polyball) in maize and wheat for enhanced yield & nutrient efficiency"	Dr. V.K. Singh, Head, Division of Agronomy-PI	Shree Minerals Pvt. Floor Green House, 68 Hymark, London	09.7.2018	65,50,000/-

Name and Designation	Discipline	Residential Address	Date of Notification	Tenure upto
<b>Adjunct Faculty</b> 1 <b>Dr. V.C. MATHUR</b> FORMER PROFESSOR, AGRICULTURAL ECONOMICS, IARI, NEW DELHI	AGRICULTURAL ECONOMICS		24/08/2017	23/08/2019
2 <b>PROF. GAJENDRA SINGH</b> FORMER VICE CHANCELLOR, DOON UNIVERSITY	AGRICULTURAL ENGINEERING		07/07/2018	06/07/2020
3 <b>Dr. P. DAS</b> FORMER DDG, AGRICULTURAL EXTENSION, ICAR	AGRICULTURAL EXTENSION		07/07/2018	06/07/2020
4 <b>Dr. V.K. BHATTIA</b> FORMER DIRECTOR, IASRI, NEW DELHI	AGRICULTURAL STATISTICS		24/08/2017	23/08/2019
5 <b>Dr. ASHWANI KUMAR</b> FORMER DIRECTOR, IIMM	WATER SCIENCE AND TECHNOLOGY	102, D/A APARTMENT, PLOT 1.A, SECTOR 13, DWARKA, NEW DELHI	16/12/2017	15/12/2019

**POST GRADUATE SCHOOL**  
INDIAN AGRICULTURAL RESEARCH INSTITUTE  
NEW DELHI-110012.

No. PGS/1-404/AC/2017

August 24, 2017


**NOTIFICATION**

The Academic Council, in its 404<sup>th</sup> meeting held on 7.7.2017, approved the recognition of following scientists as Adjunct Faculty for a period of two years in their respective disciplines.

S. No.	Name & Designation	Name of the Discipline
1.	Dr. V.K. Bhatia Former Director, IASRI, New Delhi	Agricultural Statistics
2.	Dr. V.C. Mathur Former Professor, Agricultural Economics, IARI, New Delhi	Agricultural Economics

The terms of conditions will be as follows:

1. The Adjunct Faculty shall be eligible for an honorarium of Rs. 2000/- per lecture, subject to the maximum of Rs. 30,000/- per year.
2. The Institute may provide travel charges as per rules of GoI and accommodation at IARI guest house. In case of long distance travels, the number of visits may be kept as minimum by suitably arranging the lectures.
3. The Adjunct Faculty shall have privileges with regard to access to library services and digital learning resources.
4. The Adjunct Faculty shall deliver at least 10 lectures per year in the relevant discipline on issues of topical interest, which shall be coordinated by the Professor of the concerned discipline.

  
(Shashi Prabha Razdan)  
Registrar

**Distribution:**

1. The above Adjunct Faculty (By name)
2. Professors of the concerned disciplines
3. Chief Technical Officer (IT Cell), P G School for uploading this notification on the website of IARI in P.G. School space
4. Chief Technical Officer (Stat Cell), P G School
5. Asstt. Admn. Officer (P-I)
6. PS to Dean & Jt. Director (Edn.)/PA to Registrar
7. Personal File of respective Research Guide/Guard File

**POST GRADUATE SCHOOL**  
INDIAN AGRICULTURAL RESEARCH INSTITUTE  
NEW DELHI-110012.

No. PGS/1-407/AC/2018

August 9, 2018

NOTIFICATION

The Academic Council, in its 407<sup>th</sup> meeting held on 7.7.2018, approved the recognition of following two scientists as Adjunct Faculty for a period of **two years** in their respective disciplines.

S. No.	Name & Designation	Name of the Discipline
1.	Prof. Gajendra Singh, Former VC, Doon University	Agricultural Engineering
2.	Dr. P. Das, Former DDG (Ag. Extension), ICAR	Agricultural Extension

The terms of conditions will be as follows:

1. The Adjunct Faculty shall be eligible for an honorarium of Rs. 2000/- per lecture, subject to the maximum of Rs. 30,000/- per year.
2. The Institute may provide travel charges as per rules of GoI and accommodation at IARI guest house. In case of long distance travels, the number of visits may be kept as minimum by suitably arranging the lectures.
3. The Adjunct Faculty shall have privileges with regard to access to library services and digital learning resources.
4. The Adjunct Faculty shall deliver at least 10 lectures per year in the relevant discipline on issues of topical interest, which shall be coordinated by the Professor of the concerned discipline.

  
(K.C. Joshi)  
Registrar

**Distribution:**

1. The above Adjunct Faculty (By name)
2. Professors of the concerned disciplines
3. Chief Technical Officer (IT Cell), P G School for uploading this notification on the website of IARI in P.G. School space
4. Asstt. Admn. Officer (P-I)/PGS-I/PGS-II
5. PS to Dean & Jt. Director (Edn.)/PA to Registrar
6. Personal file of respective Adjunct Faculty/Guard File

**POST GRADUATE SCHOOL**  
INDIAN AGRICULTURAL RESEARCH INSTITUTE  
NEW DELHI-110012.

No. PGS/1-405/AC/2017

January 10, 2018

NOTIFICATION

The Academic Council, in its 405<sup>th</sup> meeting held on 16.12.2017, approved the recognition of Dr. Ashwani Kumar, Former Director, ICAR-IIWM as Adjunct Faculty for a period of two years in the discipline of Water Science and Technology on the following terms of conditions:

1. The Adjunct Faculty shall be eligible for an honorarium of Rs. 2000/- per lecture, subject to the maximum of Rs. 30,000/- per year.
2. The Institute may provide travel charges as per rules of GoI and accommodation at IARI guest house. In case of long distance travels, the number of visits may be kept as minimum by suitably arranging the lectures.
3. The Adjunct Faculty shall have privileges with regard to access to library services and digital learning resources.
4. The Adjunct Faculty shall deliver at least 10 lectures per year in the relevant discipline on issues of topical interest, which shall be coordinated by the Professor of the concerned discipline.



(K.M. Manjaiah)

Associate Dean & Registrar (Acting)

**Distribution:**

1. Dr. Ashwani Kumar, Former Director, ICAR-IIWM, 102, DJA Apartment, Plot 1, A, Sector 13, Dwarka, New Delhi.
2. Professor, Discipline of WST
3. Chief Technical Officer (IT Cell), P G School for uploading this notification on the website of IARI in P.G. School space
4. Chief Technical Officer (Stat Cell), P G School
5. Asstt. Admn. Officer (P-I)
6. PS to Dean & Jt. Director (Edn.)/PA to Registrar
7. Personal File of respective Research Guide/Guard File

**List/Number of Enterprises / start-ups promoted by the University****#ARISE 2018 Incubatees**

<b>S.No.</b>	<b>Name of Applicant</b>	<b>Company Details</b>	<b>Mobile no.</b>	<b>Email Id</b>
1.	Sai Krishna Dandamudi	Padmavati & Vari Agro services Pvt Ltd.	9440053457	dandamudi_k@yahoo.com
2.	Jasveer Singh	Sense it Out Intelligent Solutions Pvt Ltd	9421058160	jasveer.jethra@gmail.com
3.	Sarang Nerkar	Innosapien Agro Technologies Pvt. Ltd.	7045580255	sarangnerkar@gmail.com
4.	Deepak Verma/Ravi Shankar Sharma	Aginnovate Farm Pvt Ltd	9891079879 9953801405	deepak@krishilok.in ravi@krishilok.in
5.	Chitpal Singh	Himalayan-Maharani Promoters & Consultant	9911711893	chanchalagriclinic@gmail.com

**#UPJA 2019 Incubatees**

<b>S.No.</b>	<b>Name of Company</b>	<b>Name</b>	<b>Email</b>
1	Jayalaxmi Agrotech	Anand Babu	anand@jayalaxmiagrotech.com
2	XPRTNEST	Chintan J Panara / Pradeep	chintan.panara@xpertnest.com
3	Intello Labs	Himani Shah	vinodgoel56@gmail.com / nishant@intellolabs.com
4	Balasore Agro Pvt Ltd	Manoranjan Das Adhikari	balasoreagro@gmail.com
5	NEER AGRIVENTURES	Harsh Agrawal	nikitatiwari1096@gmail.com
6	Sickle Innovations	Nitin Gupta	nitin@sickle.in
7	Nomads Neu	Ishan Sinha	papiabera27@gmail.com
8	RuralIDEA	Vijay Yelmalle	yelmalle@gmail.com
9	Tranalab	Chandramowli Ganesh	nitin.deshpande@tranalab.com / ganesh@tranalab.com
10	Huma Wings	Kamalpavit Kaur	kamalpavit.kaur@gmail.com
11	Promagicell lifetech	Mallikarjuna BG	mallikarjun.bg@gmail.com
12	Unison Agrico	Abhay Kumar Verma	unisonagrico@gmail.com
13	A2P Energy Solution Private Limited	Sukhmeet Singh	sukhmeet.singh@gmail.com
14	KYARI	Abhay Sharma	abhay.praveen@gmail.com / smratika.sharma@gmail.com
15	Robic Rufarm India Pvt. Ltd	KiritiMadina	myrufarm@gmail.com / info@robicrufarm.com
16	SMARTWAREHOUSE	Akash Kurapa	akashkurapa4@gmail.com
17	Kumera Engineering	Girish Kumar	kumera@outlook.in / nd@kumera.in
18	INHOF TECHNOLOGIES	Anil Mishra	farmtree@inhof.in / sachin@inhof.in
19	KhetMitra	Akarsh Agarwal	akarshagarwal98@gmail.com

**Annexure C10****List of students employed in Public/ Private/ Banking Sectors**

<b>Sno.</b>	<b>Name of Student</b>	<b>Discipline</b>	<b>Employed with</b>
1	Anup Kumar	Ag. Chemicals	Public sector
2	Sujan Majumdar	Ag. Chemicals	Public sector
3	Anindita Dutta	Ag. Chemicals	Public sector
4	Anu Kumari	Ag. Chemicals	Public sector
5	Abran Singh Kushwaha	Ag. Chemicals	Public sector
6	Deepak Kumar	Ag. Chemicals	Public sector
7	Dr Aditi Shrivastava	Ag. Physics	Joined Private Sector
8	Mr Ram Naryan Singh	Ag. Physics	Joined ICAR as Scientist in ARS
9	Ms Alka Rani	Ag. Physics	Joined ICAR as Scientist in ARS
10	Mr Vikas Kumar Rai	Ag. Physics	Joined as Asst Prof. at DRPCA U, Pusa (Bihar)
11	Bhargavi B.	Agronomy	ARS
12	Sourav Ghosh	Agronomy	ARS
13	Anita Kumawat	Agronomy	ARS
14	Gaurendra Gupta	Agronomy	ARS
15	Adarsh Kumar	Agronomy	ARS
16	Kavita Kumari	Agronomy	ARS
17	Shanti Bamboriya	Agronomy	ARS
18	Dinesh Jinger	Agronomy	ARS
19	Amit Kumar	Agronomy	ARS
20	Kajal Das	Agronomy	ARS
21	Ankit Tiwari	Agronomy	Scientist, DRDO, GOI
22	Ramesh K Singh	Agronomy	ADA, Uttar Pradesh
23	Meghamala B. N.	Agronomy	Ag. Dev. Officer, Karnataka
24	Hitesh S.	Agronomy	Ag. Dev. Officer, Karnataka
25	Rohitash Bajiya	Agronomy	Asst. Professor, Rajasthan
26	Joni Kumar	Entomology	Private Sector
27	Ms. Archana Anokhe	Entomology	ARS
28	Satya Priya Singh	Entomology	ARS
29	Rajagopal NC	Entomology	ARS
30	Keerthi MC	Entomology	ARS
31	Venkatesh YN	Entomology	ARS
32	Ms. Anjali MS	Entomology	National Seed Corporation (NSC)
33	Srinivas N.	Entomology	State Agricultural University (SAU)
34	Vinodkumar P.	Entomology	SAU
35	Ms. Namita Poddar	Entomology	State Agricultural Deptt.
36	Dilip Kumar	Entomology	State Agricultural Deptt.

37	Sunil Naik H.	Entomology	State Agricultural Deptt.
38	Hemant Kumar	Entomology	Delhi Development Authority (DDA)
39	Sunita Rani Shetty	Extension	SAU
40	Alok Kumar Sahoo	Extension	SAU
41	Sunil kumar Sunani	Extension	NGO KVK
42	JASNA V.K.	Extension	ARS
43	Shruti	Extension	ARS
44	Sangeeta Bhattacharya	Extension	ARS
45	Jitendra Kumar Meena	Genetics	ARS
46	Soma Gupta	Genetics	ARS
47	Brijesh Kumar Mehta	Genetics	ARS
48	Shashikumara P.	Genetics	ARS
49	YankappaUppar	Genetics	ARS
50	Bharat Kumar Alam	Genetics	ARS
51	Subhash Chand	Genetics	ARS
52	Aalok Shiv	Genetics	ARS
53	Dr. Dharmendra Kumar	Microbiology	ARS
54	Dr. Manjunath B.S.	Microbiology	ARS
55	Ms. Vijaya Rani	Microbiology	ARS
56	Mr. Satish Naik S.K.	Microbiology	ARS
57	Rahul Kumar Tiwari	Pl.Pathology	Plant Pathology
58	Gopi Kishan	Pl.Pathology	Plant Pathology
59	N. S. Kalaivannan	Pl.Pathology	Plant Pathology
60	Mushineni Ashajyoti	Pl.Pathology	Plant Pathology
61	Ramyashree Devi	Pl.Pathology	Plant Pathology
62	Veena K.H.	Pl.Pathology	Plant Pathology
63	Sunil kumar Sunani	Pl.Pathology	Plant Pathology
64	Jiendra Rajput	WST	SMS Pusa Bihar
65	Vikas Kumar	WST	DDA Delhi
66	Yogesh	WST	Public sector
67	Blessy	WST	Asst. Engineer, Tamil Nadu Govt.(Public)
68	Abhinav Kumar	WST	NABARD (Public sector bank)