

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

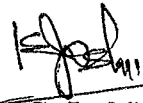
No. PGS-I/1-408/AC/2018

January 7, 2019

**ENDORSEMENT**

A copy of the proceedings of the 408<sup>th</sup> meeting of the Academic Council held on 14<sup>th</sup> December, 2018 is forwarded herewith for information and necessary action. Comments, if any, may please be sent to the PG School within 15 days from the date of issue of the Proceedings.

1. All the members of the Academic Council and concerned Officers (By name) \_\_\_\_\_
2. PS to Director General, ICAR, Krishi Bhawan, New Delhi-110001
3. PS to Deputy Director General (Edn.), ICAR, KAB-II, Pusa, New Delhi-110012
4. Master of Halls of Residences, P.G. School Hostel Office
5. Sr. Admn. Officer, IMC (For members of Board of Management)
6. PS to Director/PS to Dean & Joint Director (Edn.), IARI/PS to Registrar/PS to Comptroller
7. Dr. S.K. Tyagi, Chief Technical Officer, P G School
8. Assistant Administrative Officer, Post Graduate School-II
9. Concerned Dealing Assistants, PGS-I

  
(K.C. Joshi) 7/1/19  
Registrar

**PROCEEDINGS OF THE 408<sup>th</sup> MEETING OF THE ACADEMIC COUNCIL  
HELD ON DECEMBER 14, 2018 AT 11.00 AM IN THE CONFERENCE  
HALL OF PROF. M.S. SWAMINATHAN LIBRARY, IARI, NEW DELHI -  
110012**

The following members were present:

1. Dr. A.K. Singh, Director (Additional charge), IARI	Chairman
2. Dr. J.P. Sharma, Joint Director (Extn.)/ J.D.(Res.) and Dean & J.D. (Edn.)(Additional charge) IARI	Vice- Chairman
3. Dr. H.S. Gaur, Former Vice-Chancellor, SVPUA&T, Meerut	Member
4. Dr. S.K. Datta, Former DDG(CS), ICAR	Member
5. Dr. M.R. Dinesh, Director, IIHR	Member
6. Dr. Man Singh, Project Director (Acting), WTC and Professor, WST	Member
7. Dr. K.M. Manjaiah, Associate Dean, PG School	Member
8. Dr.(Ms.) Shashi Bala Singh, Professor, Agricultural Chemicals	Member
9. Dr. D.K. Singh, Professor, Agricultural Engineering	Member
10. Dr. R.N. Padaria, Professor, Agricultural Extension	Member
11. Dr. V.K. Sehgal, Professor, Agricultural Physics	Member
12. Dr. T.K. Das, Professor, Agronomy	Member
13. Dr. (Ms.) Aruna Tyagi, Professor, Biochemistry	Member
14. Dr. Subhas Chander, Professor, Entomology	Member
15. Dr. Soora Naresh Kumar, Professor, Environmental Sciences	Member
16. Dr. K.P. Singh, Professor, Floriculture and Landscape	Member
17. Dr. Vinod, Professor, Genetics and Plant Breeding	Member
18. Dr. R.C. Bhattacharya, Professor, MBB	Member
19. Dr. M.R. Khan, Professor, Nematology	Member
20. Dr.(Ms.) Veena Gupta, Professor, PGR	Member
21. Dr. Madan Pal Singh, Professor, Plant Physiology	Member
22. Dr. S.K. Jain, Professor, Seed Science & Technology	Member
23. Dr. S.P. Datta, Professor, SS&AC	Member
24. Dr. T.K. Behera, Professor, Vegetable Science	Member
25. Dr. Anil Sirohi, MOHR, PG Hostels	Member
26. Mr. Sanchal Bilgrami, Comptroller, IARI	Member
27. Dr. A. Nagaraja, Senior Scientist, Fruit Science and Faculty Representative to the Academic Council	Member
28. Dr. Mahesh C. Yadav, Principal Scientist, NBPGR and Faculty Representative to the Academic Council	Member
29. Mrs. Rajshree Anand, Incharge, IARI Library	Member
30. Mr. B.R. Tribhuvan, President, PGSSU	Member
31. Ms. Priti Priyadarshni, Students' Representative to the AC	Member
32. Mr. K.C. Joshi, Registrar & Joint Director (Admn.)	Member Secretary

Leave of absence was sought and granted to the following members:

1. Dr. N.S. Rathore, Deputy Director General (Edn.)	Member
2. Dr. P.K. Joshi, Director, South Asia, IFPRI	Member
3. Dr. A.K. Singh, Former Vice-Chancellor, RVSKVV, Gwalior	Member
4. Dr. K.K. Singh, Director, CIAE, Bhopal	Member
5. Dr. Kuldeep Singh, Director, NBPGR	Member
6. Dr. N.K. Singh, Director, NRCPB (Additional Charge)	Member
7. Dr. L.M. Bhar, Director, IASRI (Additional Charge)	Member
8. Dr. P.R. Ojasvi, Director, IISWC, Dehradun(Additional Charge)	Member
9. Dr. Seema Jaggi, Professor, Agricultural Statistics	Member
10. Dr.(Ms.) Alka Singh, Professor, Agricultural Economics	Member
11. Dr. A.R. Rao Professor, Bioinformatics	Member

12. Dr. Sudeep Marwaha, Professor, Computer Application	Member
13. Dr. O.P. Awasthi, Professor, Fruit Science	Member
14. Dr. V.K. Baranwal, Professor, Plant Pathology	Member
15. Dr.(Mrs.) Radha Prasanna, Professor, Microbiology	Member

Dr. J.P. Sharma, Joint Director(Extn.)/Joint Director(Res.)/Dean and Joint Director (Edn.)(Additional Charge) extended a formal welcome to Dr. A.K. Singh, Director; IARI(Additional Charge) and Chairman, Academic Council. Thereafter, Dr. A.K. Singh, Chairman of Academic Council warmly welcomed the outside members of the Academic Council and all the members present in the meeting. The Chairman also welcomed the new members of the Academic Council attending the meeting for the first time:

#### **New members**

1. Dr. J.P. Sharma as Dean & Joint Director (Edn.) (Additional Charge)
2. Dr. T.K. Das, Professor, Agronomy
3. Dr. (Mrs.) Veena Gupta, Professor, Plant Genetic Resources
4. Mrs. Rajshree Anand, Incharge, IARI Library
5. Mr. B.R. Tribhuvan, newly elected President, PGSSU
6. Ms. Priti Priyadarshni, newly elected Student Representative to the Academic Council

The Chairman also placed on record the valuable contributions of the following outgoing members of the Academic Council in strengthening the PG education at IARI:

1. Dr. R.K. Jain, Former Dean and Joint Director (Edn.), IARI
2. Dr. P.K. Mishra, Former Director, IISWC, Dehradun
3. Dr. Y.S. Shivay, Former Professor, Agronomy
4. Dr. Sunil Pabbi, Former Professor, Microbiology
5. Dr.(Mrs.) Rekha Chaudhury, Former Professor, Plant Genetic Resources
6. Mr. Anil Kulshrestha, Former Incharge, IARI Library
7. Mr. Satish Naik, Former President, PGSSU
8. Ms. Priyanka Upreti, Student Representative to the Academic Council

The Director and Chairman, Academic Council apprised the Academic Council about the educational achievements viz. students admissions at IARI/IARI-Jharkhand & Assam and PG outreach Programmes at CIAE, Bhopal; Signing of MoUs with ICAR Institutes; special lectures arranged; Foundation Stone Laying of International student hostel and Kissan Haat by Honorable Union Minister of Agriculture and Farmers' Welfare, Shri Radha Mohan Singh Ji and Institution building activities in other countries.

Thereafter, the following agenda items were taken up for consideration:

<b>Agenda Item No.</b>	<b>Description of Agenda Items</b>
<b>408.1</b>	Confirmation of the proceedings of the 407 <sup>th</sup> meeting of the Academic Council held on July 7, 2018
<b>408.2</b>	Action Taken Report on the Proceedings of 407 <sup>th</sup> meeting of the Academic Council held on July 7, 2018
<b>408.3</b>	Recommendations of the Standing Committee on Scholarships, Financial Assistance & Academic Progress made in its meeting held on 29.10.2018
<b>408.4</b>	Recommendations of the Standing Committee on Courses Curricula and Academic Affairs made in its meeting held on 03.12.2018

408.6	Finalization of the Academic Calendar for the 62 <sup>nd</sup> Academic Session 2019-20
408.7	Finalization of "Convocation Week" programme
408.8	List of candidates who have become eligible for the award of their respective degrees of M.Sc., M.Tech. and Ph.D.
408.9	Finalization of number of seats and eligibility qualification for admission to M.Sc., M.Tech. and Ph.D. degree programmes for the Academic Session 2019-20
408.10	Renewal of all the four Standing Committees' composition of the Academic Council for the period of two years (2019-20)
408.11	Any other item with the permission of the Chair

**Agenda Item No. 408.1: Confirmation of the proceedings of the 407<sup>th</sup> meeting of the Academic Council held on 7.7.2018**

The Chairman called for the comments, if any, from the members of the Academic Council on the proceedings of the 407<sup>th</sup> meeting. Comments received from Professor, Plant Pathology on marking scheme on the approved guidelines for IARI awards was considered by the Academic Council at Agenda Item No.408.4.3. Since no other comment was there, the proceedings of the previous meeting was confirmed.

**Agenda Item No. 408.2: Report on action taken on the proceedings of the 407<sup>th</sup> meeting of the Academic Council held on 7.7.2018**

Action taken report was presented by the Dean and Joint Director (Education).

**Agenda Item No. 408.3: Consideration of the proceedings of the Standing Committee on Scholarships, Financial Assistance & Academic Progress made in its meeting held on 29.10.2018.**

The Academic Council approved the following recommendations of Standing Committee. The decision of Chairman, Academic Council on disbursement of Scholarship was also ratified by the Academic Council.

**408.3.1** As per P.G. School Calendar para 15.3.3, the scholarships shall be awarded initially for a period of one academic year from the date of joining the Post Graduate School or the commencement of the academic year, whichever is later. (*Commencement of the Academic Year 2018-19 is 30.07.2018*)

**408.3.2** Award of Institute Sr. Scholarship @ Rs.13,125/- per month + Rs.10,000/- per annum as contingent grant to 156 candidates admitted at IARI, New Delhi.

S.No.	NAME OF THE STUDENT	ROLL NO.	DISCIPLINE	DATE OF ENROLMENT
1	ARKADEB MUKHOPADHYAY	11155	AGRICULTURAL CHEMICALS	27/07/2018
2	KAILASH PATI TRIPATHI	11156	"	27/07/2018
3	DEBDAS CHAND	11157	"	27/07/2018
4	AJITH M	11158	"	28/07/2018
5	SUTANWA SAHA	11159	"	27/07/2018
6	SUDAMA RAM SAHU	11160	"	27/07/2018
7	MUTHUPRASAD T	11161	AGRICULTURAL ECONOMICS	27/07/2018
8	NIRANJAN SIVALINGAM	11162	"	27/07/2018
9	BJ GIRIDHAR	11163	"	27/07/2018
10	SRINATHA T N	11164	"	27/07/2018
11	NAVEEN KUMAR NAIK	11165	"	27/07/2018

12	ABHINAV DUBEY	11166	AGRICULTURAL ENGINEERING	27/07/2018
13	MONIKA SATANKAR	11170	"	27/07/2018
14	PANKAJ MALKANI	11176	"	27/07/2018
15	MOHIT KUMAR	11177	"	27/07/2018
16	MUKESH KUMAR CHOUDHARY	11181	"	27/07/2018
17	ASHA K R	11186	"	27/07/2018
18	VENKATESH	11187	"	27/07/2018
19	ALOK GUPTA	11188	"	27/07/2018
20	SHEEJA P.S	11191	"	27/07/2018
21	ATISH SAGAR	11192	"	27/07/2018
22	KETHAVATH AJAYKUMAR	11193	"	27/07/2018
23	RADHIKA SAHU	11194	"	27/07/2018
24	AISWARYA S	11195	AGRICULTURAL EXTENSION	27/07/2018
25	Gangu Bai Shivappa Manguli	11197	"	27/07/2018
26	MANJUNATH H	11198	"	27/07/2018
27	SANJAY KUMAR GUPTA	11199	"	27/07/2018
28	ANA RAJ J	11200	"	27/07/2018
29	SUNNY ARYA	11201	AGRICULTURAL PHYSICS	27/07/2018
30	SUJAN ADAK	11202	"	27/07/2018
31	DEBASISH ROY	11203	"	27/07/2018
32	MOHAMMED SHAFEEQ P M	11204	"	27/07/2018
33	VIMAL KUMAR	11205	"	27/07/2018
34	VARATHARAJAN T	11212	AGRONOMY	27/07/2018
35	SOMANATH NAYAK	11214	"	27/07/2018
36	SHUBHAM MARAK	11215	"	27/07/2018
37	NIRAJ BISWAKARMA	11216	"	27/07/2018
38	RADHESHYAM	11217	"	27/07/2018
39	AYESHA FATIMA	11218	"	27/07/2018
40	VIJAY PRATAP	11219	"	27/07/2018
41	MANU S M	11220	"	27/07/2018
42	RAJESH KUMAR	11221	"	27/07/2018
43	PRATHAP V	11222	BIOCHEMISTRY	27/07/2018
44	JOSHNA JOSE	11223	"	27/07/2018
45	SWAPNIL S. THAKARE	11224	"	27/07/2018
46	RANJITH H V	11235	ENTOMOLOGY	27/07/2018
47	TANMAYA KUMAR BHOI	11236	"	27/07/2018
48	ARYA PS	11237	"	27/07/2018
49	GAURAV SINGH	11238	"	27/07/2018
50	MOGILI RAMAIAH	11240	"	27/07/2018
51	ANIL	11241	"	28/07/2018
52	KIRAN KUMAR	11243	"	28/07/2018
53	GOPALAKRISHNAN	11244	"	27/07/2018
54	ANAND HARSHANA	11366	"	6/8/2018
55	PARTHA PRATIM MAITY	11246	ENVIRONMETAL SCIENCE	27/07/2018
56	JITU MANDOL	11247	"	27/07/2018
57	PRIYANKA MEENA	11248	"	27/07/2018
58	CHANDRA PRAKASH	11249	"	27/07/2018
59	PRATIBHA PRAKASH	11252	"	27/07/2018
60	SETHUPATHI.N.	11369	"	21/07/2018
61	BIBIN POULOSE	11253	FLORICULTURE AND LANDSCAPING	27/07/2018
62	UZMA MEHRAJ	11254	"	27/07/2018
63	POOJA A	11255	"	27/07/2018
64	PRIYA YADAV	11256	"	27/07/2018
65	NEERAJ SINGH NEGI	11257	"	27/07/2018
66	CHANDER PRAKASH	11258	"	27/07/2018
67	SHWETA K HADAKAR	11259	FRUIT SCIENCE	27/07/2018
68	PRASAD SHIVAPPA KAROSHI	11260	"	27/07/2018
69	NARENDRA SINGH	11261	"	27/07/2018
70	REENA PRUSTY	11263	"	27/07/2018
71	NAVEEN KUMAR MAURYA	11264	"	27/07/2018
72	KULDEEP PANDEY	11265	"	27/07/2018
73	AMOL KAILAS JADHAV	11266	"	27/07/2018
74	SUMAN DUTTA	11268	GENETICS AND PLANT BREEDING	27/07/2018
75	ABHIJITH K P	11269	"	27/07/2018

76	LIMBALKAR O. MAHARUDRA	11270	"	27/07/2018
77	NILESH JOSHI	11271	"	27/07/2018
78	HARSHAVARDHANA Y S	11272	"	27/07/2018
79	RAHUL KUMAR	11273	"	27/07/2018
80	SUNILKUMAR V P	11274	"	27/07/2018
81	ASHVINKUMAR KATRAL	11275	"	27/07/2018
82	VIJAY KAMAL MEENA	11276	"	27/07/2018
83	SURESH YADAV	11277	"	27/07/2018
84	DHARMATEJA PALAPARTHI	11278	"	27/07/2018
85	VINITA RAMTEKEY	11279	"	27/07/2018
86	GANGADHARA K N	11280	"	27/07/2018
87	SHRINIKETAN PURANIK	11281	MICROBIOLOGY	27/07/2018
88	BABAN PREET KOUR	11282	"	27/07/2018
89	SHIVARANJAN C S	11283	"	27/07/2018
90	VIKRAM K V	11284	"	27/07/2018
91	NISHANTH S	11285	"	27/07/2018
92	ANIL KUMAR	11286	"	27/07/2018
93	NILADRI BARMAN	11289	MOLECULAR BIOLOGY & BIOTECHNOLOGY	27/07/2018
94	BIPRATIP DUTTA	11290	"	27/07/2018
95	AKASH PAUL	11293	"	27/07/2018
96	SAAKRE MANJESH	11294	"	27/07/2018
97	TAKU MONYA	11295	"	27/07/2018
98	SHAZIYA SULTANA	11367	"	8/8/2018
99	WAGHAMARE SANDESH T.	11370	"	27/08/2018
100	AMIT AHUJA	11297	NEMATOTOLOGY	27/07/2018
101	VINAY K Y	11298	"	27/07/2018
102	SOWMYA R	11300	"	27/07/2018
103	AJAY SINGH SINDHU	11301	"	27/07/2018
104	LAXMISHA K M	11302	PLANT GENETIC RESOURCES	27/07/2018
105	PRABHU P	11303	"	27/07/2018
106	PUNEETH G M	11304	"	27/07/2018
107	ASWIN M	11305	"	27/07/2018
108	NAVAL KISHOR MEENA	11306	"	27/07/2018
109	JAGMOHAN SINGH	11307	PLANT PATHOLOGY	27/07/2018
110	NAVEEN NAYAKA S	11308	"	27/07/2018
111	SHREENATH Y S	11309	"	27/07/2018
112	ASHARANI PATEL	11310	"	27/07/2018
113	PRASHANTHA S T	11312	"	27/07/2018
114	VINEETH VIJAYAN	11313	"	28/07/2018
115	MRUTYUNJAYA S	11315	"	27/07/2018
116	MADHU G S	11316	"	27/07/2018
117	BIRENDRA KUMAR PADHAN	11318	PLANT PHYSIOLOGY	27/07/2018
118	PANDURANG RAGHUNATH D	11319	"	27/07/2018
119	DIPANKAR BARMAN	11320	"	27/07/2018
120	MALINI MK	11321	"	27/07/2018
121	NISHA	11323	"	27/07/2018
122	VIJAY R	11324	"	27/07/2018
123	MONIKA G TOTAD	11325	POST HARVEST AND TECHNOLOGY	27/07/2018
124	POOJA B. K.	11326	"	27/07/2018
125	GOWTHAM R	11327	"	27/07/2018
126	NIRANJAN PRASAD H P	11328	SEED SCIENCE AND TECHNOLOGY	27/07/2018
127	SATISH KUMAR	11329	"	27/07/2018
128	KARABI BANIA	11330	"	27/07/2018
129	PRAVEEN KUMAR YADAV	11331	"	27/07/2018
130	DILSHAD AHMAD	11332	"	27/07/2018
131	JAYASRI S	11333	"	27/07/2018
132	PREETI SAGAR NEGI	11334	"	27/07/2018
133	ANSHUMAN DAS	11335	SOIL SCIENCE AND AGRICULTURAL CHEMISTRY	27/07/2018
134	KINGSHUK MODAK	11336	"	27/07/2018
135	MD BASIT RAZA	11337	"	27/07/2018
136	AJIN S ANIL	11338	"	27/07/2018
137	ATHULYA S	11339	"	27/07/2018
138	NAVEEN KUMAR A	11340	"	27/07/2018
139	GANPAT LOUHAR	11341	"	27/07/2018

140	JYOTIRMAYA SAHOO	11342	"	27/07/2018
141	KAVITHA PANDU JADHAV	11343	"	27/07/2018
142	BHANUSHREE N	11344	VEGETABLE SCIENCE	27/07/2018
143	ABHAY VIKRAM SINGH	11345	"	27/07/2018
144	PUNEETH P V	11346	"	27/07/2018
145	IPSITA PANIGRAHI	11347	"	27/07/2018
146	YOGANANDA H S	11348	"	27/07/2018
147	RAMESHWAR MEENA	11349	"	27/07/2018
148	SAHANA K P	11350	"	27/07/2018
149	HARISHA S M (FUS)	11352	"	27/07/2018
150	VISHWANATH BIDARAMALI	11354	"	27/07/2018
151	MANJUNATH DALI	11355	WATER SCIENCE AND TECHNOLOGY	27/07/2018
152	MAHEKPREET KAUR	11356	"	27/07/2018
153	NEHA SINGHAL	11357	"	27/07/2018
154	RAGHAV MAURYA	11358	"	27/07/2018
155	ASHOK IRAPPA HALLI	11359	"	27/07/2018
156	SMITA JAISWAL	11360	"	27/07/2018

**408.3.3** Award of Institute Sr. Scholarship @ Rs.13,125/- per month + Rs.10,000/- per annum as contingent grant to the following 13 students admitted at CIAE, Bhopal under IARI PG Outreach Programme

S. No.	NAME OF THE STUDENT	ROLL NO	DISCIPLINE	DATE OF ENROLMENT
1.	RAM P KUMAR	11167	AGRICULTURAL ENGINEERING(AP&S)	27/07/2018
2.	RAJEEV R THAKUR	11168	"	27/07/2018
3.	LAVANYA PURAMSHETTI	11169	"	27/07/2018
4.	KANUPRIYA CHOUDHARY	11171	"	27/07/2018
5.	RAJASEKHAR MATHANGI	11174	"	27/07/2018
6.	LALITA	11175	"	27/07/2018
7.	AMAN MAHORE	11178	AGRICULTURAL ENGINEERING(FP&E)	27/07/2018
8.	NALAWADE ROHIT DILIP	11180	"	27/07/2018
9.	ABHISHEK KUMAR	11182	"	27/07/2018
10.	BHAGWAN SINGH NARWARIYA	11183	"	27/07/2018
11.	JAGJEET SINGH	11185	"	27/07/2018
12.	JYOTIRMAY MAHAPATRA	11365		27/07/2018
13.	ABHISHEK PATEL	11189	AGRICULTURAL ENGINEERING(S&WCE)	27/07/2018

**408.3.4** Award of Institute Sr. Scholarship @ Rs. 3,000/- per month + Rs. 10,000/- per annum as contingent grant to the following 7 students who were admitted under Faculty Up-gradation Scheme/ICAR-Inservice-Scheme.

S. No.	NAME OF THE STUDENT	ROLL NO	DISCIPLINE	DATE OF ENROLMENT
1.	PRABHULINGA T, CICR Nagpur, ICAR In service	11242	ENTOMOLOGY	27/08/2018
2.	RAJENDER JATOTH, PJTSAU, Aswaraopet, FUS	11317	PLANT PATHOLOGY	27/07/2018
3.	PADMANABHA K, Univ.Hort.S, Bagalkot, FUS	11351	VEGETABLE SCIENCE	27/07/2018
4.	HIRA SINGH, PAU, Ludhiana, FUS	11353	"	27/07/2018
5.	ARUDRA SRINIVASA RAO, ANGRAU, Guntur, FUS	11184	AGRICULTURAL ENGINEERING(FP&E)	27/07/2018
6.	MONALISHA PRAMANIK, IISWC, Dehradun, ICAR In service	11361	WATER SCIENCE AND TECHNOLOGY	27/08/2018
7.	YADAV RAHUL SUBHASH, DFR, Pune(Enrolled at CIAE, Bhopal), ICAR In service	11173	AGRICULTURAL ENGINEERING(AP&S)	27/07/2018

**408.3.5** Award of Contingent grant only @ Rs.10,000/- per annum to the following four students who were admitted under Departmental-Scientific Scheme.

S. No.	NAME OF THE STUDENT	ROLL NO	DISCIPLINE	DATE OF ENROLMENT
1.	NAYAN DEEPAK G, Fruit Sci., IARI, New Delhi	11267	FRUIT SCIENCE	27/08/2018
2.	SHEEL YADAV, NBPGR, New Delhi	11291	MOLECULAR BIOLOGY & BIOTECHNOLOGY	27/07/2018
3.	SHASHI MEENA, Pl. Physiology, IARI, New Delhi	11322	PLANT PHYSIOLOGY	30/07/2018
4.	RAKESH KUMAR, NCIPM, New Delhi	11245	ENTOMOLOGY	27/07/2018

**408.3.6** Following 14 students who were admitted in the discipline of Agricultural Statistics, Bioinformatics and Computer Application will get their Sr. Scholarship from IASRI.

S.N O.	NAME OF THE STUDENT	ROLL NO	DISCIPLINE	DATE OF ENROLMENT
1.	GARIMA SINGH	11206	AGRICULTURAL STATISTICS	27/07/2018
2.	KAPIL CHOUDHARY	11207	"	27/07/2018
3.	JITENDRA KUMAR	11208	"	27/07/2018
4.	SANDIPAN SARKAR	11209	"	27/07/2018
5.	MAHALINGARAYA	11210	"	27/07/2018
6.	SAYANTANI KARMAKAR	11211	"	27/07/2018
7.	ANKITA NEGI	11225	BIOINFORMATICS	27/07/2018
8.	AAMIR KHAN	11226	"	27/07/2018
9.	DIPRO SINHA	11227	"	27/07/2018
10.	DEBDALI CHOWDHURY	11228	COMPUTER APPLICATION	27/07/2018
11.	VAIJANATH S. KUMASAGI	11229	"	27/07/2018
12.	VIVEK KUMAR	11230	"	27/07/2018
13.	LAKSHMI MAHADEV SONKUSALE	11231	"	27/07/2018
14.	RAMESH PRAJAPAT	11232	"	27/07/2018

**408.3.7** The Standing Committee **did not recommend** award of Institute Sr. Scholarship to the following six students as they have already availed the benefit of Scholarship during their last admission at IARI and left the course incomplete. Further, the Standing Committee was also of the view that necessary recovery on account of Surety Bond etc. as per rule may also be made from these students, if still due. Further to avoid second time award of fellowship, a suitable undertaking to the effect that the students has not availed the benefit of Scholarship earlier from or through IARI/ICAR, may be obtained.

S.NO.	NAME OF THE STUDENT	ROLL NO	DISCIPLINE	DATE OF ENROLMENT
1.	ASLAM LATIF PATHAN	11190	AGRICULTURAL ENGINEERING(S&WCE)	25/08/2018
2.	DARSHAN MANIKRAO KADAM	11262	FRUIT SCIENCE	27/08/2018
3.	SUHAS GORAKH KARKUTE	11288	MOLECULAR BIOLOGY & BIOTECHNOLOGY	27/08/2018
4.	MANOJ KUMAR YADAV	11311	PLANT PATHOLOGY	27/08/2018
5.	HEMAVATI RANEBENNUR	11314	"	27/08/2018
6.	SAWANT RAMNATH SANKET	11172	AGRICULTURAL ENGINEERING(AP&S)	27/07/2018



President, PGSSU apprised that Mr. Sawant Ramnath Sanket at Sr. No.6 above is not an inservice candidate hence should be awarded Scholarship. The Academic Council was of the opinion that the issue may be examined by P.G. School for further consideration of Chairman, Academic Council.

**408.3.8** During the current academic session 2018-19, Education Division of ICAR referred 155 candidates for admission to M.Sc. degree programmes in different disciplines at IARI through online counseling held during September-October 2018. Out of 155, two students did not report for admission. In addition to this, two students have taken admission as Departmental candidates.

The candidates who are not awarded ICAR P.G. Scholarship are considered for award of Institute Scholarship. This year M.Sc./M.Tech. students were admitted late in September-October 2018. Award of ICAR-PG Scholarship is yet to be decided by the Education Division, ICAR. To avoid hardship to these students, the Academic Council has decided to pay them also from IARI funds subject to necessary adjustment on obtaining funds for ICAR- P.G. Scholarship from ICAR .

**Agenda Item No. 408.4: Consideration of the proceedings of the meeting of the Standing Committee on Course Curricula and Academic Affairs held on 03.12.2018**

The Academic Council discussed the recommendations of the Standing Committee and approved the following:

**408.4.1 Existing and proposed codes of FHT/FLA/VSC disciplines as suggested by Professors of respective disciplines**

The Academic Council approved the uniformity of the codes for the following six courses:

Existing Course Codes	Name of the Course	Trim ester	Credits	Proposed Course Codes
HORT502/HORT502/VSC504	NUTRITIONAL REQUIREMENT OF HORTICULTURAL CROPS	I	3L+1P	FSC506/FLA506/VSC506
HORT501/FLA570/VSC570	BASIC HORTICULTURE	I	3L+2P	FSC507/FLA507/VSC507
HORT601/HORT601/VSC670	EXPORT ORIENTED HORTICULTURE	I	3L+1P	FSC603/FLA603/VSC603
HORT611/FLA672/VSC672	PROTECTED CULTIVATION OF HORTICULTURAL CROPS	II	3L+1P	FSC612/FLA612/VSC612
HORT622/FLA674/VSC674	PLANT TISSUE CULTURE IN THE IMPROVEMENT OF HORTICULTURAL CROPS	III	2L+2P	FSC625/FLA625/VSC625
HORT521/HORT521/VSC673	GROWTH AND DEVELOPMENT OF HORTICULTURAL CROPS	II	3L+1P	FSC523/FLA523/VSC523

**408.4.2 Introduction of two New Courses (i) FSC 621: Advances in Growth and Development of Fruit Crops (ii) FSC 604: Hi-Tech Fruit Production**

The Academic Council approved two new courses; (i) FSC 621 (3L+1P) - Advances in Growth and Development of Fruit Crops and (ii) FSC 604 (4L+0P) - Hi-Tech Fruit Production in the discipline of Fruit Science.

**408.4.3 Consideration of the request of Professor, Plant Pathology on allocation of marks for publications in different awards of the Institute**

The Academic Council discussed the proposal and approved that the Corresponding author may also get equal marks as that of first author of research paper.

**408.4.4** The issue of compulsory internship of IARI students with industry/organizations as part of PG Course curricula was discussed in detail and was not agreed for making it compulsory.

**Agenda Item No. 408.5: Consideration of the proceedings of the meeting of the Standing Committee on Faculty & Discipline held on 4.12.2018**

The Academic Council discussed the recommendations of the Standing Committee and approved the following:

**408.5.1** Recommended the candidature of the following seven Scientists for induction into P.G. Faculty in their respective disciplines.

S. No.	Name & Designation	Name of the Discipline
1.	Dr. Punitha P, Scientist	Agricultural Extension
2.	Mr. Pravin Kumar Upadhyay, Scientist	Agronomy
3.	Dr. Vartika Srivastava, Scientist, NBPGR	Fruit Science
4.	Dr. S.N. Bhowmik, Principal Scientist	Microbiology
5.	Dr. Anshul Watts, Scientist, NRCPB	Molecular Biology and Biotechnology
6.	Dr. Shivani Nagar, Scientist	Plant Physiology
7.	Dr. Gograj Singh Jat, Scientist	Vegetable Science

**408.5.2** The Academic Council was of the opinion that keeping in view the present scenario of developments in science, P.G. School faculty guidelines (para 3.23.2.) concerning posting of Scientists of a particular parent discipline in different departments/institutes, shall be revised by a Committee.

In view of the above, the Academic Council was of the opinion that the candidature of the following Scientists and also similar cases in future, if any, may be considered after the recommendation of above Committee.

S. No.	Name & Designation	Name of the Discipline
1.	Dr. M.A. Khan, Principal Scientist	Soil Science and Agricultural Chemistry
2.	Dr. Archanna Watts, Scientist	Plant Physiology

**408.5.3 Recommended** the following twelve faculty members as Research guides for M.Sc. guidance in their respective disciplines as they met the prescribed requirement for becoming the research guides.

S. No.	Name & Designation	Name of the Discipline
1.	Dr. Anirban Dutta, Scientist	Agricultural Chemicals
2.	Dr. Sudipta Paul, Scientist	Agricultural Extension
3.	Dr. Kapila Shekhawat, Senior Scientist	Agronomy
4. *	Dr. Gyan Prakash Mishra, Senior Scientist	Genetics and Plant Breeding
5.	Dr. Navin Chandra Gupta, Scientist, NRCPB	Molecular Biology and Biotechnology
6.	Dr. Archana P. Raina, Principal Scientist, NBPGR	Plant Genetic Resources
7. *	Dr. Sundeep Kumar, Principal Scientist, NBPGR	Plant Genetics Resources
8.	Dr. Dhandapani R., Scientist (SS)	Plant Physiology
9. *	Dr. Jeetendra Kumar Ranjan, Senior Scientist	Vegetable Science
10.	Dr. Sharawan Singh, Scientist	Vegetable Science
11.	Dr. Shyam Sundar Day, Scientist	Vegetable Science
12.	Ms. Rosin K.G., Scientist	Water Science and Technology

\*Keeping in view of their previous teaching and guiding experience at their previous University

**408.5.4 Did not recommend** the recognition of the candidature of Dr. G. Prakash, Scientist, Plant Pathology as Research Guide as he did not meet the prescribed requirement of three year teaching experience (short of one year teaching experience).

**408.5.5** The Academic Council approved the recommendation of the Standing Committee that the CVs of the Scientists for recognition as Co-Research Guide in their respective disciplines at IIVR Varanasi, NIBSM, Raipur and NIASM, Baramati may be sent to the Board of Studies of respective disciplines of IARI to consider and recommend only those applications as per the need and with clear justification. As per the executed MoUs, the CVs received for induction as Faculty Member was not considered.

**408.5.6** On the issue of following four applications for recognition of Adjunct Faculty received from the Professors of respective Disciplines, the Academic Council was of the opinion that the respective BOS should follow the guidelines of Adjunct Faculty, identify specific teaching/research needs of the discipline and resubmit the proposals.

S. No.	Name & Designation	Name of the Discipline
1.	Dr. K.C. Bansal, Former Director, NBPGR	Molecular Biology and Biotechnology
2.	Dr. Pitam Chandra, Former Director, CIAE Bhopal	Post Harvest Technology
3.	Dr. Prabhakar, Former PC, AICRP on Small Millets, ICAR, IIHR	Genetics & Plant Breeding (at IIHR).
4.	Dr. R. Chitraichelvan, Former Head, Div. of Fruit Crops, IIHR	Fruit Science (at IIHR)

**Agenda Item No. 408.6      Consideration of the Academic Calendar for the 62<sup>nd</sup> Academic Session 2019-20**

The Academic Council approved the Academic Calendar of the P G School for the Academic Session 2019-20 .

<b>Admission Process for the Academic Session 2019-20</b>		
<b>2019</b>		
March 09-10	Saturday & Sunday	Advertisement for inviting on line applications for Ph.D. admission will be published in all the leading national news papers
March 11	Monday	Receipt of online applications for Ph.D. admission starts
April 15	Monday	Last date for receipt of online applications for admission to Ph.D. Programme
April 22	Monday	Last date for receipt of through proper channel applications and documents submission
<b>May 26</b>	<b>Sunday</b>	<b>Entrance Examination for admission to Ph.D. Programme</b>
June 21	Friday	Last date for submission of thesis by IARI M.Sc. students who have applied for admission to the Ph.D. Programme
June 22	Saturday	Declaration of result of Written Test for admission to Ph.D. programme
June 29	Saturday	Last date for receipt of mark sheet from the candidates who are studying in M.Sc. final year
<b>July 01</b>	<b>Monday</b>	<b>Interview for admission to Ph.D. Programme in the respective disciplines</b>
July 06	Saturday	Academic Council meeting for finalization of results for M.Sc. & Ph.D. admissions 2019-20
July 25-26	Thursday & Friday	Verification of original documents and online Registration of newly admitted M.Sc. and Ph.D. students for the Academic Session 2019-20
July 27	Saturday	Orientation Programme: Newly admitted students to be addressed by Dean and Director, IARI
<b>I – Trimester</b>		
July 29	Monday	First Trimester begins, payment of fees and online registration of continuing students
July 30	Tuesday	Commencement of Class Work
August 13	Tuesday	Last date for adding/dropping of course
September 05	Thursday	Teacher day celebration and lecture
November 11	Monday	National Agricultural Education day celebration and lecture
<b>November 12 to November 16</b>	<b>Tuesday to Saturday</b>	<b>Final Examination of I Trimester</b>
<b>II – Trimester</b>		
November 18	Monday	Online Registration of students
November 19	Tuesday	Commencement of Class Work
December 03	Tuesday	Agricultural Education Day

December 04	Wednesday	Last date for adding/dropping of courses
<b>December 15 to December 29</b>	<b>Sunday to Sunday</b>	<b>Winter Break</b>
<b>2020</b>		
January 27	Monday	Last date for holding the Final Viva-Voce Examination for consideration for the award of IARI Merit Medals and award of degree in the 58 <sup>th</sup> Convocation, 2020
February 03	Monday	<b>Commencement of 58<sup>th</sup> Convocation Week Programme</b>
February 06	Thursday	<i>50<sup>th</sup> Lal Bahadur Shastri Memorial Lecture</i>
February 07	Friday	58 <sup>th</sup> Convocation
February 22 to February 24	Saturday to Monday	Annual Sports Meet (Tentative)
<b>March 23 to March 28</b>	<b>Monday to Saturday</b>	<b>Final Examination of II Trimester</b>
<b>III - Trimester</b>		
<b>March 30</b>	Monday	Online Registration of students
<b>March 31</b>	Tuesday	Commencement of Class Work
April 14	Tuesday	Last date for adding/dropping of course
<b>May 24 to June 14</b>	<b>Sunday to Sunday</b>	<b>Summer Vacation</b>
<b>July 13 to July 18</b>	<b>Monday to Saturday</b>	<b>Final Examination of III Trimester</b>
<b>July 19 to July 26</b>	<b>Sunday to Sunday</b>	<b>Trimester Break</b>

**Agenda Item No. 408.7: Finalisation of 57<sup>th</sup> Convocation Week Programme**

The Academic Council approved the following 57<sup>th</sup> Convocation programme of IARI.

**Venue: Dr. B.P. Pal Auditorium**

**Monday, February 04, 2019**

09.30-18.00 hrs. **Presentation of "Significant Post Graduate Students Research" by M.Sc./M.Tech. & Ph.D. students for "Merit Medals" and "Best Student of the Year" award**

**Tuesday, February 05, 2019**

**Presentation of Significant Educational Achievements for the year 2018 by the Professors representing different Schools of the teaching disciplines**

09.30-11.15 hrs. Session I – Crop Improvement

11.30-13.00 hrs. Session II – Crop Protection

14.00-15.45 hrs.	Session III – Resource Management
16.00-17.00 hrs.	Session IV – Basic Sciences
17.15-18.30 hrs.	Session V – Horticultural Sciences

### Wednesday, February 06, 2019

#### **Presentation of Significant Educational Achievements for the year 2018 by the Professors representing different Schools of the teaching disciplines**

09.30-10.45 hrs.	Session VI – Social Sciences
	<b>Award Lectures</b>
11.00-12.15 hrs.	Lecture by the Recipient of Dr. B.P. Pal Medal
12.30-13.45 hrs.	Lecture by the Recipient of XIX Shri Harikrishna Shastri Memorial Award
15.00-16.15 hrs.	Lecture by the Recipient of XXV Hooker Award
16.30-17.45 hrs.	Lecture by the Recipient of VII Rao Bahadur B. Vishwanath Memorial Award

### Thursday, February 07, 2019

*Venue: Conference Hall, IARI Library*

09.30-10.30 hrs.	408 <sup>th</sup> Meeting of the Academic Council, IARI
11.00-12.00 hrs.	Meeting of Board of Management, IARI
12.15-13.00 hrs.	Press Conference

*Venue: Dr. B.P. Pal Auditorium*

14.00-15.30 hrs.	49 <sup>th</sup> Lal Bahadur Shastri Memorial Lecture
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*Venue: Lawns of Dr. B.P. Pal Auditorium*

15.45-16.30 hrs.	Full Dress Rehearsal
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### Friday, February 08, 2019

*Venue: Lawns of Dr. B.P. Pal Auditorium*

11.00-13.00 hrs.	57 <sup>th</sup> Convocation
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*Venue: Dr. B.P. Pal Auditorium*

18.00 hrs.	Cultural Programme by P. G. Students
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*Venue: Lawns of Genetics Division*

20.00 hrs.	Convocation Dinner
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The process on the following items has already been completed with the approval of the Chairman of the Academic Council to enable the P.G. School to complete all the pre-convocation requirements well in time. The action taken is submitted for kind information of the Academic Council and its ratification.

1. Finalization of Chief Guest
  2. Chairpersons for the various Programmes
- i) Chairman, Judging Committee and Convenor for the programme “Significant Post Graduate Students Research-2018 presentation” by the PG students for IARI Merit Medals” and Best Student of the Year Award on

Monday, February 04, 2019 (Convenor: Dr.(Mrs.) Radha Prasanna, Professor, Microbiology)

- ii) Chairpersons and Conveners for the Programme "Presentation of Significant Educational Achievements of IARI for the year 2018" by the Professors of teaching disciplines representing Schools on Tuesday, February 05, 2019 (Convenor: Dr. S. Naresh Kumar, Professor, Environmental Science)
3. Lecture by the recipients of the following awards
- i) Shri Hari Krishna Shastri Memorial Award  
ii) Hooker Award  
iii) Rao Bahadur B. Vishwanath Memorial Award  
iv) Dr. B.P. Pal Medal
4. Speaker to deliver 49<sup>th</sup> Lal Bahadur Shastri Memorial Lecture:
5. Chairman and Convenor for the 49<sup>th</sup> Lal Bahadur Shastri Memorial Lecture:
6. Chairpersons for the below mentioned Committees:

i) Pandal and Seating Arrangements Committee	Dr. Indra Mani, Head, Division of Agricultural Engineering
ii) Catering Arrangement Committee	Sh. Kailash Chandra Joshi, Registrar & Joint Director (Admn.)
iii) Invitation Committee	Dr. V.K. Baranwal, Professor, Division of Plant Pathology
iv) Reception Committee	Dr. (Ms.) Anupama Singh, Head, Division of Agricultural Chemicals
v) Cultural Programme & Invocation Song Committee	Dr. (Ms.) K. Annapurna, Head, Division of Microbiology
vi) Decoration Committee	Dr. Markandey Singh, Sr. Scientist, Division of Floriculture & Landscape Architecture
vii) Publicity Committee	Dr. Ravindra Nath Padaria, Professor, Division of Agricultural Extension
viii) Transport and Accommodation Committee	Sh. Pushpender Kumar, Chief Administrative Officer

**Agenda Item No.408.8:** *Consideration of the list of the candidates who have become eligible for award of their respective degrees of Master of Science and Doctor of Philosophy as on 12.12.2018*

The Academic Council approved the list of 137 candidates for the award of degree of M.Sc./M.Tech. and 39 candidates for Doctor of Philosophy who have completed all the requirements including their final viva-voce examination as on 12.12.2018 (Appendix-I).

**Agenda Item No. 408.9:** *Finalization of number of seats and eligibility qualification for admission to M.Sc./M.Tech. and Ph.D. degree programmes for the Academic Session 2019-20*

**408.9.1** The number of seats for M.Sc./M.Tech. and Ph.D. programmes in various disciplines at IARI, New Delhi, IARI, Jharkhand and IARI, Assam required for the Academic Session 2019-20 was approved by the Academic Council.

**M. Sc./M.Tech. Programme:** The seat requirement will be sent to the Education Division of ICAR as they conduct the All India Entrance Examination for admission (AIEEA – PG- 2019) and Award of ICAR-JRF to Master's degree programme of IARI, IVRI, NDRI, CIFE, CAU and SAU's.

Sl. No.	Discipline	Total
<b>A. IARI, New Delhi</b>		
1.	AGRICULTURAL CHEMICALS	5
2.	AGRICULTURAL ECONOMICS	4
3.	AGRICULTURAL ENGG. (Agricultural Processing & Structure)	2
4.	AGRICULTURAL ENGG. (Farm Power & Equipment)	4
5.	AGRICULTURAL ENGG. (Soil & Water Conservation Engineering)	3
6.	AGRICULTURAL EXTENSION	6
7.	AGRICULTURAL PHYSICS	4
8.	AGRICULTURAL STATISTICS	7
9.	AGRONOMY	5
10.	BIOCHEMISTRY	4
11.	BIOINFORMATICS	5
12.	COMPUTER APPLICATION	6
13.	ENTOMOLOGY	5
14.	ENVIRONMENTAL SCIENCES	5
15.	FLORICULTURE AND LANDSCAPING ARCHITECTURE	3
16.	FRUIT SCIENCE	5
17.	GENETICS AND PLANT BREEDING	6
18.	MICROBIOLOGY	5
19.	MOLECULAR BIOLOGY AND BIOTECHNOLOGY	7
20.	NEMATOLOGY	2
21.	PLANT GENETIC RESOURCES	4
22.	PLANT PATHOLOGY	5
23.	PLANT PHYSIOLOGY	4
24.	POST HARVEST TECH. (PHT of Horticultural Crops)	2
25.	POST HARVEST TECH. (Post Harvest Engineering & Technology)	1
26.	SEED SCIENCE AND TECHNOLOGY	4
27.	SOIL SCIENCE AND AGRICULTURAL CHEMISTRY	4
28.	VEGETABLE SCIENCE	4
29.	WATER SCIENCE AND TECHNOLOGY	2
<b>TOTAL-A</b>		<b>123</b>
<b>B. IARI, Assam</b>		
a.	AGRONOMY	2
b.	GENETICS AND PLANT BREEDING	2
c.	SOIL SCIENCE AND AGRICULTURAL CHEMISTRY	2
d.	VEGETABLE SCIENCE	2
<b>TOTAL-B</b>		<b>8</b>
<b>C. IARI, Jharkhand</b>		
a.	AGRONOMY	2
b.	GENETICS AND PLANT BREEDING	2
c.	SOIL SCIENCE AND AGRICULTURAL CHEMISTRY	2
d.	VEGETABLE SCIENCE	2
<b>TOTAL-C</b>		<b>8</b>
<b>Grand TOTAL =A+B+C</b>		<b>139</b>



**Ph. D. Programme:** The all India Entrance Examination for admission to Ph.D. degree programmes at IARI is conducted by the Post Graduate School with the assistance of Examination Committee constituted by the Chairman, Academic Council.

Sl. No.	Discipline	GEN	OBC	SC	ST	PH	Total
<b>A. IARI, New Delhi</b>							
1.	AGRICULTURAL CHEMICALS	3	2	1	-	-	6
2.	AGRICULTURAL ECONOMICS	3	1	1	-	-	5
3.	AGRICULTURAL ENGG. (Agricultural Processing & Structure)	1	-	1	-	-	2
4.	AGRICULTURAL ENGG. (Farm Power & Equipment)	2	1	-	1	-	4
5.	AGRICULTURAL ENGG. (Soil & Water Conservation Engineering)	2	1	-	-	-	3
6.	AGRICULTURAL EXTENSION	4	2	1	-	(1)	7
7.	AGRICULTURAL PHYSICS	3	1	1	-	-	5
8.	AGRICULTURAL STATISTICS	3	3	1	1	(1)	8
9.	AGRONOMY	5	3	1	1	-	10
10.	BIOCHEMISTRY	3	2	-	-	-	5
11.	BIOINFORMATICS	3	1	1	-	-	5
12.	COMPUTER APPLICATION	3	1	1	1	-	6
13.	ENTOMOLOGY	3	2	1	-	-	6
14.	ENVIRONMENTAL SCIENCES	2	2	1	1	-	6
15.	FLORICULTURE AND LANDSCAPING ARCHITECTURE	2	1	1	-	-	4
16.	FRUIT SCIENCE	3	1	1	-	-	5
17.	GENETICS AND PLANT BREEDING	6	3	2	2	-	13
18.	MICROBIOLOGY	3	2	1	-	-	6
19.	MOLECULAR BIOLOGY AND BIOTECHNOLOGY	4	2	1	1	(1)	8
20.	NEMATOLOGY	2	1	1	-	-	4
21.	PLANT GENETIC RESOURCES	3	1	-	1	-	5
22.	PLANT PATHOLOGY	4	2	2	1	(1)	9
23.	PLANT PHYSIOLOGY	3	3	1	-	-	7
24.	POST HARVEST TECH. (PHT of Horticultural Crops)	2	1	-	-	-	3
25.	POST HARVEST TECH. (Post Harvest Engineering & Technology)	-	1	-	-	-	1
26.	SEED SCIENCE AND TECHNOLOGY	3	1	1	1	(1)	6
27.	SOIL SCIENCE AND AGRICULTURAL CHEMISTRY	6	2	2	-	-	10
28.	VEGETABLE SCIENCE	5	3	1	1	-	10
29.	WATER SCIENCE AND TECHNOLOGY	3	2	2	1	-	8
<b>Total-A</b>		<b>89</b>	<b>48</b>	<b>27</b>	<b>13</b>	<b>(5)</b>	<b>177</b>
<b>B. CIAE, Bhopal</b>							
a.	AGRICULTURAL ENGG. (Agricultural Processing & Structure)	1	1	-	1	-	3
b.	AGRICULTURAL ENGG. (Farm Power & Equipment)	2	-	1	-	-	3
c.	AGRICULTURAL ENGG. (Soil & Water Conservation Engineering)	1	1	-	-	-	2
<b>Total-B</b>		<b>4</b>	<b>2</b>	<b>1</b>	<b>1</b>	<b>-</b>	<b>8</b>
<b>C. IIHR, Bangalore</b>							
a.	FLORICULTURE AND LANDSCAPING ARCHITECTURE	1	1	-	-	-	2
b.	FRUIT SCIENCE	1	-	-	1	-	2
c.	POST HARVEST TECH. (PHT of Horticultural Crops)	1	-	1	-	-	2
d.	VEGETABLE SCIENCE	1	1	-	-	-	2
<b>Total-C</b>		<b>4</b>	<b>2</b>	<b>1</b>	<b>1</b>	<b>-</b>	<b>8</b>
<b>Grand Total</b>		<b>97</b>	<b>52</b>	<b>29</b>	<b>15</b>	<b>(5)</b>	<b>193</b>

**408.9.2** The following proposals received from concerned BOS was considered by the Academic Council and decided the following:

<b>TS. No.</b>	<b>Discipline</b>	<b>Existing Qualification for Ph.D. Programme</b>	<b>Deletion</b>	<b>Decision of of Academic Council</b>
1.	Post Harvest Technology	<b>For Post Harvest Engineering and Technology:</b> Agricultural Processing and Structures / Food Engineering / Post Harvest Engineering / Biochemical Engineering (Pre-requisite: B.Sc., <b>B.Tech/B.E. in Agricultural Engineering</b> )	<b>B. Tech. (Agricultural Engineering)</b>	Deletion of <b>B. Tech. (Agricultural Engineering)</b> Addition of <b>Food Science &amp; Tech./Food Tech.</b>
2.	Soil Science and Agricultural Chemistry	Soil Science and/ OR Agricultural Chemistry / <b>Environmental Sciences/ Agricultural Microbiology/ Chemistry / Agricultural Physics with specialization in Soil Physics</b>	<b>Environmental Sciences and Agricultural Microbiology</b>	Not agreed for any deletion, existing qualification shall be continued

**408.9.3** The following schedule related to All India Entrance Examination for admission to Ph.D. Programme was approved by the Academic Council.

**Date of Entrance Examination : 26.05.2019 (Sunday)**

**Name of the Examination Centres: Anand, Bengaluru, Ludhiana, Coimbatore, Delhi, Guwahati, Jabalpur, Hyderabad, Patna, Kolkata, Pune, Udaipur and Varanasi**

In addition to the seats finalized for open stream, seats for admission to M.Sc. & Ph.D. programmes under other streams are detailed below:

Faculty Up-gradation Scheme	-	10 seats for Ph.D. only
ICAR-In-Service Nominee Scheme	-	10 seats for Ph.D. only
Departmental (Scientific Cadre)	-	10 seats for Ph.D. only
Departmental (Technical Cadre)	-	10 seats for M.Sc. & Ph.D.
Foreign Students	-	30 seats for M.Sc. & Ph.D.
Children/widows of Security Forces	-	5 seats for M.Sc. & Ph.D.

**Agenda Item No. 408.10: Renewal of all the four Standing Committees' composition of the Academic Council for the period of two years i.e. January 2019 to December 2020.**

The Academic Council approved the re-composition of all the four Standing Committees for the term of two years (January 2019 to December, 2020).

**I STANDING COMMITTEE ON COURSES CURRICULA & ACADEMIC AFFAIRS**

1.	Dr. Alka Singh, Professor, Agricultural Economics	Chairperson
2.	Dr. Vinod, Professor, Genetics & Plant Breeding	Member
3.	Dr. A.R. Rao, Professor, Bioinformatics	Member
4.	Dr. S. Naresh Kumar, Professor, Environmental Sciences	Member
5.	Dr. Mahesh C. Yadav, Principal Scientist, NBPGR and Faculty Representative to the Academic Council	Member
6.	Ms. Priti Priyadarshni, Student's Representative to the Academic Council	Member
7.	Dr. K.M. Manjiaiah, Associate Dean, P.G. School	Member Secretary

**II STANDING COMMITTEE ON FACULTY & DISCIPLINE**

1.	Dr. Seema Jaggi, Professor, Agricultural Statistics	Chairperson
2.	Dr. D.K. Singh, Professor, Agricultural Engineering	Member
3.	Dr. R.N. Padaria, Professor, Agricultural Extension	Member
4.	Dr. S.P. Datta, Professor, SS&AC	Member
5.	Dr. A. Nagaraja, Senior Scientist, FHT & Faculty Representative to the Academic Council	Member
6.	Dr. K.M. Manjiaiah, Associate Dean, P.G. School	Member Secretary

**III STANDING COMMITTEE ON SCHOLARSHIPS, FINANCIAL ASSISTANCE AND ACADEMIC PROGRESS**

1.	Dr. Subhash Chander, Professor, Entomology	Chairman
2.	Dr. S.K. Jha, Professor, Post Harvest Technology	Member
3.	Dr. M.R. Khan, Professor, Nematology	Member
4.	Dr. T.K. Das, Professor, Agronomy	Member
5.	Mr. Tribhuvan R., President, PGSSU	Member
6.	Ms. Priti Priyadarshni, Student's Representative to the Academic Council	Member
7.	Mr. Kailash Chandra Joshi, Registrar	Member Secretary


**IV STANDING COMMITTEE ON STUDENT'S PROBLEMS, DISCIPLINE, WELFARE BOARD AND RESIDENCES**

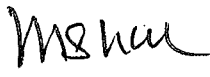
1.	Dr. Man Singh, Project Director (Additional Charge) and Professor, WST	Chairman
2.	Dr. Aruna Tyagi, Professor, Biochemistry	Member
3.	Dr. Madan Pal Singh, Professor, Plant Physiology	Member
4.	Dr. Veena Gunta, Professor, PGR	Member

**Agenda Item No. 408.11: Any other items with the permission of the Chair**

1. In view of the revision in ICAR PG & SRF from 2018-19 session and notified by the ICAR, the Academic Council was of the view that the IARI students admitted through All India Entrance Examination too deserve a similar increase in their Institute Scholarships. The details on the additional budget requirements duly vetted by Comptroller, IARI should be sent to the ICAR for sanction and remittance of increased Fellowship funds.
2. On the issue of shortage of hostel accommodation, the Academic Council decided to inscribe clearly in the Information Bulletin for the next academic session 2019-20 that students admitted shall be allotted accommodation in hostels based on merit and rest have to arrange themselves outside the campus.
3. On the issue of student collaboration proposal received from Rani Laxmibai Central Agricultural University, Jhansi the Academic Council was of the view that the concerned authorities from the University may be invited for discussion with Dean and Director, IARI.
4. On the issues raised by the Students Representatives, the Academic Council decided that :
  - (i) Font size of Ph.D. entrance exam question papers must be kept easiest readable.
  - (ii) On the issue of online fee submission by P.G. Students, Comptroller and Registrar shall take immediate necessary action to put the online payment gateway in place.
  - (iii) On the issue of statistical software training to the students, the Professor, Agricultural Statistics shall arrange a training in each Trimester.
  - (iv) On the issue of health insurance to students of IARI, the Academic Council decided that MOHR and President PGSSU shall take appropriate action at the earliest to be applicable compulsorily to all students from next Academic Session 2019-20.
  - (v) On the issue of teaching Hindi to the Staff and students specially the foreign students, Hindi Section of IARI shall make necessary arrangement of initiating Hindi classes on regular basis.

The meeting ended with the vote of thanks to the Chair.

  
(K.C. Joshi)  
Member-Secretary

  
(J.P. Sharma)  
Vice Chairman

  
(A.K. Singh)  
Chairman

## APPENDIX-I

List of candidates who have successfully completed all the requirements including final viva-voce examination for the award of degree of Master of Science/Master of Technology as on 12/12/2018

No.	ROLL NO	NAME OF THE STUDENT	Title of Thesis
<b>AGRICULTURAL CHEMICALS</b>			
1	20755	KAILASH PATI TRIPATHI	DEVELOPMENT OF LC-MS/MS METHOD FOR ESTIMATION OF MANCOZEB, A DITHIOCARBAMATE FUNGICIDE RESIDUE
2	20756	ARKADEB MUKHOPADHYAY	BIOINSECTICIDAL FORMULATIONS OF <i>Steinernema thermophilum</i> WITH IMPROVED SHELF-LIFE: LIPID METABOLISM GUIDED IMMOBILIZATION IN CROSS-LINKED BIOPOLYMER GELLING CARRIERS
3	20757	DEBDAS CHAND	PERSISTENCE OF FLUCETOSULFURON HERBICIDE AS AFFECTED BY BIOTIC AND ABIOTIC FACTORS IN INDIAN SOILS
4	20758	AJITH. M	BIOASSAY GUIDED PROFILING OF ESSENTIAL OILS FROM AROMATIC PLANTS FOR POSSIBLE NEMATICIDAL ACTIVITY IN RICE
5	20759	Ms. SUTANWA SAHA	PERSISTENCE AND MOBILITY OF SULFONMIDE ANTIBIOTICS IN SOILS.
<b>AGRICULTURAL ECONOMICS</b>			
6	20760	SUBRATA GORAIN	SOCIO-ECONOMIC IMPACT OF DRIP IRRIGATION IN NORTHERN MAHARASHTRA
7	20761	TAHEER FIRDOSE K.	ROLE OF VALUE ADDITION IN ENHANCING FARM INCOME- A CASE STUDY ON TOMATO IN ANDHRA PRADESH
8	20762	MANASWI B. H.	ENHANCING SMALL FARMERS' ACCESS TO MARKET, FINANCE AND TECHNOLOGY THROUGH FARMER PRODUCER ORGANISATIONS: A CASE STUDY OF TELANGANA
<b>AGRICULTURAL ENGINEERING</b>			
9	20763	ABHINAV DUBEY	DEVELOPMENT OF SOLAR POWERED AIR INFLATED GRAIN DRYER.
10	20764	PADMAPANI EKNATH PACHPINDE	DESIGN AND DEVELOPMENT OF MIXED-MODE SOLAR DRYER FOR SELECTED FLOWERS
11	20765	AMAN MAHORE	DEVELOPMENT OF REAL TIME TRACTOR WHEEL SLIP MEASURING DEVICE
12	20766	PANKAJ MALKANI	DESIGN AND DEVELOPMENT OF SELF-PROPELLED FOLIAR APPLICATOR FOR UAN
13	20767	Ms. ASHA K. R.	DEVELOPMENT OF SENSOR-BASED SAFETY ALARM SYSTEM FOR INJURY PREVENTION IN FODDER CUTTER MACHINE
14	20769	VENKATESH	TENSIOMETER AUTOMATION DEVICE FOR GREEN HOUSE IRRIGATION SCHEDULING

No.	ROLL NO	NAME OF THE STUDENT	Title of Thesis
<b>AGRICULTURAL EXTENSION</b>			
15	20771	RAHUL MANDAL	INSTRUCTIONAL TECHNOLOGY IN AGRICULTURAL EDUCATION : AN EXPLORATORY STUDY
16	20772	SANJAY KUMAR GUPTA	AN ANALYTICAL STUDY OF AGRO-ECOLOGICAL BASES OF CONTEMPORARY WATER MANAGEMENT INNOVATIONS IN SUSTAINABLE AGRICULTURE
17	20773	MANJUNATH H.	FOOD MAPPING : AN ANALYSIS OF FOOD PRODUCTION AND CONSUMPTION PATTERN OF NUTRITIONALLY VULNERABLE COMMUNITY IN TELAGANA
18	20774	Ms. TANNISHTHA BARDHAN	ORGANIC FOOD CONSUMPTION BEHAVIOUR AND STATUS - A CRITICAL ANALYSIS
19	20775	Ms. AISWARYA S.	EFFECTIVENESS OF TRAINING IN ENHANCING CORE COMPETENCIES OF EXTENSION PERSONNEL : AN ANALYTICAL STUDY IN KERALA
20	20776	Ms. GANGUBAI S. MANAGULI	INNOVATIONS IN AGRICULTURAL KNOWLEDGE CREATION, INFORMATION MANAGEMENT AND TECHNOLOGY DELIVERY SYSTEM (AGRI-KITS) IN BUNDELKHAND REGION OF UTTAR PRADESH : A CRITICAL ANALYSIS
21	20908	FAIZAN ULHAQ FAIZAN	ASSESSMENT OF LEADERSHIP STYLE IN THE SCIENTIFIC ORGANIZATIONS
<b>AGRICULTURAL PHYSICS</b>			
22	20777	SUNNY ARYA	SURFACE ENERGY FLUXES OVER IRRIGATED MAIZE-WHEAT USING BOWEN RATIO ENERGY BALANCE METHOD
23	20778	SUJAN ADAK	ASSESSMENT OF SOIL AND CROP PARAMETERS IN WHEAT UNDER DIFFERENT TILLAGE, RESIDUE AND NITROGEN MANAGEMENT USING PROXIMAL HYPERSPECTRAL TECHNIQUE
24	20779	MOHAMMED SHAFEEQ P. M.	MODELLING TEMPORAL DISTRIBUTION OF WATER, AMMONIUM-N AND NITRATE-N IN ROOT ZONE OF WHEAT USING HYDRUS 2D UNDER CONSERVATION AGRICULTURE
25	20780	DEBASISH ROY	EFFECT OF WEATHER ON GRAIN QUALITY OF WHEAT CULTIVARS IN NORTH-WESTERN INDIA
26	20907	POORAN SEERAJ	SIMULATION OF GROWTH AND YIELD OF RICE UNDER CONSERVATION AGRICULTURE PRACTICES USING CROP SIMULATION MODEL
<b>AGRICULTURAL STATISTICS</b>			
27	20781	SANDIPAN SARKAR	STUDY OF WAVELETS AND LONG MEMORY TIME SERIES MODELS FOR FORECASING
28	20782	JITENDRA KUMAR	STATISTICAL DESIGNS FOR FITTING RESPONSE SURFACES INCORPORATING NEIGHBOUR EFFECTS
29	20783	Ms. GARIMA SINGH	BLOCK DESIGNS FOR COMPARING TEST TREATMENT WITH CONTROLS
30	20784	MAHALINGARAYA	ESTIMATION OF HARVEST AND POST-HARVEST LOSSES OF MAJOR CROPS USING DOUBLE SAMPLING APPROACH
31	20785	KAPIL CHOUDHARY	STUDY ON EMPIRICAL MODE DECOMPOSITION BASED NEURAL NETWORK FOR AGRICULTURAL PRICE FORECASTING
32	20786	ROHIT KUNDU	RESPONSE SURFACE DESIGNS WITH FOUR AND SIX LEVELS
33	20787	Ms. SAYANTANI KARMAKAR	SOIL HEALTH ASSESSMENT USING SPATIAL STATISTICS

No.	ROLL NO	NAME OF THE STUDENT	Title of Thesis
<b>AGRONOMY</b>			
34	20788	BISWARANJAN BEHERA	BROWN MANURING OPTIMISATION FOR WEED MANAGEMENT IN MAIZE AND ITS CARRY-OVER EFFECTS IN ZERO-TILL WHEAT
35	20789	VARATHARAJAN T	INTEGRATED CROP MANAGEMENT MODULES FOR ENHANCING PRODUCTIVITY AND PROFITABILITY OF PIGEONPEA [ <i>Cajanus cajan</i> (L.) Millsp] UNDER PIGEONPEA-WHEAT CROPPING SYSTEM
36	20790	SOMANATH NAYAK	PHOSPHOROUS MANAGEMENT IN SOYBEAN UNDER CONSERVATION AGRICULTURE
37	20791	RADHESHYAM	EVALUATION OF POST EMERGENCE HERBICIDES IN MAIZE ( <i>Zea mays</i> L.)
38	20792	NIRAJ BISWAKARMA	TILLAGE AND NUTRIENT MANAGEMENT IN MAIZE UNDER MAIZE-MUSTARD CROPPING SYSTEM
39	50011	SHUBHAM MARAK	ORGANIC NUTRIENT MANAGEMENT IN RICE ( <i>Oryza sativa</i> L.) VARIETIES UNDER NORTH-EASTERN HILL REGION
40	50012	HITESH S.	WEED AND NITROGEN MANAGEMENT IN TRANSPLANTED RICE ( <i>Oryza sativa</i> L.) UNDER NORTH-EASTERN REGION OF INDIA
41	60010	Ms. SOUMYA SUNIL CHITNIS	EFFECT OF ZINC FERTILIZATION ON PRODUCTIVITY OF DIRECT SEEDED UPLAND RICE VARIETIES
42	60011	Ms. MEGHAMALA B. N.	EFFECT OF INTEGRATED WEED MANAGEMENT PRACTICES ON PRODUCTIVITY AND ECONOMICS OF UPLAND DIRECT-SEEDED RICE ( <i>Oryza sativa</i> L.) IN EASTERN INDIA
<b>BIOCHEMISTRY</b>			
43	20793	THAKARE SWAPNIL SHARADRAO	VALIDATION OF DET1-gRNAs THROUGH TRANSIENT AGROINFILTRATION APPROACH AND ANALYSIS OF CRISPR/Cas9 MEDIATED MUTAGENESIS IN SOYBEAN PLANTS
44	20794	Ms. JOSHNA JOSE	THE DESIGN AND CONSTRUCTION OF CRISPR/CAS9 PLASMID FOR PRECISE EDITING OF GM1PK2
45	20795	Ms. ARTI KUMARI	CHARACTERIZATION OF DYNAMIC CHANGES IN STARCH METABOLISM AND ITS EFFECT ON GRAIN QYALITY OF WHEAT UNDER TERMINAL HEAT STRESS
46	20796	PRATHAP V.	STARCH ACCUMULATION IN RICE GRAINS SUBJECTED TO DROUGHT DURING GRAIN FILLING STAGE
<b>BIOINFORMATICS</b>			
47	20797	Ms. ANKITA NEGI	DEVELOPMENT OF TRANSCRIPTOME BASED WEB-GENOMIC RESOURCES FOR DROUGHT RESPONSIVENESS IN BLACK PEPPER.
48	20800	MOHAN BABU H. S.	DEVELOPMENT OF NON-B DNA DATABASE FOR RICE AND MAIZE
49	20887	DIPRO SINHA	AN ENSEMBLE BASED CLUSTERING APPROACH FOR METAGENOMICS DATA
<b>COMPUTER APPLICATION</b>			
50	20802	Ms. DEBDALI CHOWDHURY	GIS APPROACH FOR MAPPING THE MEGA ENVIRONMENT FOR MAIZE IN INDIA
51	20804	VIVEK KUMAR	DEVELOPMENT OF WEB BASED TOOL FOR VISUALIZATION OF GENETIC VARIANTS
52	20805	VAIJANATH SHIVALINGAPPA KUMAS	DEVELOPMENT OF SOFTWARE PROTOTYPE FOR In-Silico COPY NUMBER VARIATION IDENTIFICATION
53	20807	Ms. LAKSHMI SONKUSALE	DESIGN AND DEVELOPMENT OF MOBILE APP FOR ERGONOMICS ASSESSMENT OF DRUDGERY PRONE ACTIVITIES IN AGRICULTURE

No.	ROLL NO	NAME OF THE STUDENT	Title of Thesis
<b>ENTOMOLOGY</b>			
54	20808	RANJITH H. V.	INVESTIGATIONS ON EFFECTS OF SUBLETHAL DOSES OF PHOSPHINE ON TRIBOLIUM CASTANEUM
55	20809	Ms. GEETHU S.	INVESTIGATION ON BIONOMICS AND PREDATORY POTENTIAL OF CHEILOMENES SEXMACULATA (FAB.) ON COTTON MEALYBUG, PHENACOCOCCUS SOLENOPSIS TINSLEY
56	20810	TANMAYA KUMAR BHOI	STUDIES ON PLANT DEFENCE SYSTEM IN MAIZE SEEDLINGS AGAINST CHILO PARTELLUS (SWINHAE)
57	20811	Ms. ARYA P.S.	COMPARATIVE DAMAGE POTENTIAL OF <i>Sitophilus oryzae</i> AND <i>Rhizopertha dominica</i> ON WHEAT CULTIVARS
58	20812	HEMANT KUMAR	Biological, behavioural and biochemical investigations for resistance to <i>Chilo partellus</i> (Swinhoe) in Sorghum
<b>ENVIRONMENTAL SCIENCES</b>			
59	20813	PRAKASH BHADORIA	REMOVAL OF HEAVY METALS FROM WASTEWATER USING RICE STRAW BASED BIO-SORBENT
60	20815	PARTHA PRATIM MAITY	INTERACTIVE EFFECT OF ELEVATED CARBON DIOXIDE AND TEMPERATURE ON NITROGEN TRANSFORMATION IN SOIL UNDER RICE CROP
61	20816	JITU MANDOL	EFFECT OF PLANT GROWTH PROMOTING RHIZOBACTERIA AND ELEVATED CARBONDIOXIDE ON GROWTH AND YIELD OF BLACKGRAM UNDER ELEVATED TROPOSPHERIC OZONE
62	20818	PRAKASH KUMAR	EMISSION OF NITROUS OXIDE FROM BLACKGRAM CROP
63	20888	CHANDRA PRAKASH	MICROBIOLOGICAL QUALITY OF PARTICULATE MATTER IN URBAN AND RURAL AREAS
<b>FLORICULTURE AND LANDSCAPE ARCHITECTURE</b>			
64	20819	Ms. UZMA MEHRAJ	In vitro MASS MULTIPLICATION OF DOUBLED HAPLOID LINE OF MARIGOLD ( <i>TAGETES ERECTA</i> L.) DERIVED THROUGH OVULE CULTURE
65	20820	SATISH SAINI	IMPACT OF GROWING CONDITIONS, MEDIA AND VARIETY ON PRODUCTION OF LA HYBRID LILIUM
66	20821	Ms. POOJA A.	STANDARDIZATION OF in-vitro PROPAGATION PROTOCOL IN <i>Chrysanthemum coronarium</i> L.
<b>FRUIT SCIENCE</b>			
67	20822	Ms. SHWETA K HADAKAR	STUDIES ON CHANGES IN PHENOLS AND FLAVONOIDS DURING FRUIT DEVELOPMENTAL STAGES IN MANGO GENOTYPES
68	20823	PRASAD SHIVAPPA KAROSHI	
69	20824	AMOL KAILAS JADHAV	STUDIES ON THE PHYSIOLOGY OF FLOWERING IN Citrus SPECIES
70	20825	NAVEEN KUMAR MAURYA	EVALUATION OF PAPAYA GENOTYPES FOR MORPHOLOGICAL, PHYSIO-BIOCHEMICAL AND MOLECULAR TRAITS UNDER LOW TEMPERATURE STRESS



No.	ROLL NO	NAME OF THE STUDENT	Title of Thesis
<b>GENETICS AND PLANT BREEDING</b>			
71	20686	MAHIPAL SINGH GURJAR	GENETIC AND MOLECULAR ANALYSES OF SHEATH BLIGHT RESISTANCE IN <i>O. rufipogon</i> DERIVED RICE INTROGRESSION LINE
72	20826	ABHIJITH K. P.	DEVELOPMENT AND VALIDATION OF GENE-BASED MARKER (S) FOR ipal AND ipa2 GENES CONFERRING LOW PHYTIC ACID IN MAIZE KERNEL
73	20827	NILESH JOSHI	ELUCIDATING INHERITANCE AND MOLECULAR MAPPING OF ENCLOSED PANICLE TRAIT IN "SAATHI" RICE
74	20828	LIMBALKAR OMKAR MAHARUDRA	MOLECULAR MAPPING OF LEAF AND STEM RUST RESISTANCE GENES IN A WHEAT-RYE RECOMBINANT "SELECTION 212"
75	20829	SUNIL KUMAR V. P.	MAPPING OF QTLs FOR HEAT TOLERANCE RELATED TRAITS IN WHEAT ( <i>Triticumaetivum</i> L.).
76	20830	RAHUL KUMAR	IDENTIFICATION OF MEAT-QTLs FOR NITROGEN EFFICIENCY AND PROFILING OF THE MQTL DIVERSITY IN INDIAN RICE ( <i>Oryza sativa</i> L.) GERMPLASM
77	20831	VIJAY KAMAL MEENA	STUDIES ON MOLECULAR DIVERSITY AND TOLERANCE ABILITY OF SPRING WHEAT GENOTYPES FOR TERMINAL HEAT TOLERANCE BASED ON DIFFERENT TOLERANCE INDICES.
78	50013	SHIVAKUMAR SHIDENUR	ASSESSMENT OF HETEROTIC POTENTIAL OF TROPICA JAPONICA DERIVED RESTORERS AND COMPARATIVE ANALYSIS FOR FERTILITY RESTORATION EFFICACY OF FERTILITY RESTORER GENES, Rf3 AND Rf4 IN RICE
79	50015	Ms. RAKHI SALAM	STUDY OF GENETIC VARIABILITY IN LENTIL FOR TOLERANCE TO HERBICIDE IMAZETHAPYR
80	60012	SUMAN DUTTA	ANALYSIS OF GENETIC VARIABILITY AND VALIDATION OF CANDIDATE GENE(S) AFFECTING RETENTION OF KERNEL CAROTENOIDS IN MAIZE DURING STORAGE
81	60013	GAURAV JOSHI	MOLECULAR CHARACTERISATION AND MULTI-ENVIRONMENT EVALUATION OF PUSA44 DERIVED PUP1 INTROGRESSION LINES FOR PHOSPHORUS RESPONSE
82	60014	HARSHAVARDHANA Y. S.	GENETICS OF SEMI-DETERMINACY AND IDENTIFICATION OF MOLECULAR MARKER LINKED TO DT1 LOCUS IN CHICKPEA ( <i>Cicer arietinum</i> L.)
<b>MICROBIOLOGY</b>			
83	20832	KRASH KUMAR KUSHWAHA	IMPACT OF PADDY STRAW BURNING ON SOIL MICROBIAL DYNAMICS
84	20833	SHIVARANJAN C S	ASSESSMENT OF THE COMBINED EFFECT OF SALINITY AND COPPER ON THE GROWTH AND PHYSIOLOGICAL VARIABLES OF A CYANOBACTERIUM ANABAENA DOLIOLUM
85	20834	PRASANT K PRUSTY	FUNCTIONAL DIVERSITY OF THE MICROBIAL NITROGEN CYCLE IN THE RHIZOSPHERE MICROBIOME OF RICE
86	20835	ANIL KUMAR	PHYLOGENETIC DIVERSITY OF MESORHIZOBIIUM STRAINS AND ITS EFFICIENCY ON PLANT GROWTH AND PRODUCTIVITY IN CHICKPEA

No.	ROLL NO	NAME OF THE STUDENT	Title of Thesis
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## MOLECULAR BIOLOGY AND BIOTECHNOLOGY

87	20837	NILADRI BARMAN	CLONING AND CHARACTERIZATION OF DROUGHT INDUCIBLE PM 19 PROMOTER FROM WHEAT
88	20838	SOURAV KUMAR DAS	MARKER DEVELOPMENT FOR MAJOR DROUGHT AND HEAT STRESS TOLERANCE QTLs AND THEIR VALIDATION IN RICE ( <i>Oryza sativa</i> L.)
89	20839	BIPRATIP DUTTA	CHARACTERIZATION OF Magnaporthe-RESPONSIVE WRKY GENES IN CONTRASTING RICE GENOTYPES FOR PANICLE BLAST RESISTANCE
90	20840	Ms. SHAZIYA SULTANA	EXPRESSION PROFILING DURING ANTHESIS UNDER HEAT STRESS AND MOLECULAR CLONING OF GLYCEROL-3-PHOSPHATE ACYL TRANSFERASE (gpat) GENE FROM WHEAT
91	20841	AKASH PAUL	CO-EXPRESSION STUDIES OF NAR2 -LIKE GENES WITH HIGH AFFINITY NITRATE TRANSPORTER GENE (NRT2.1) IN ROOT TISSUES OF WHEAT ( <i>Triticum aestivum</i> )
92	20842	SUNIL NINGOMBAM	DEVELOPMENT OF MSATELLITE MARKER ASSOCIATED WITH HEAT STRESS TOLERANCE IN <i>Pennisetum glaucum</i> (L) R. Br.
93	20843	Ms. TAKU MONYA	ISOLATION, CLONING AND FUNCTIONAL VALIDATION OF A TAL EFFECTOR GENE FROM <i>Xanthomonas oryzaepvoryzae</i>

## NEMATOLOGY

94	20845	AMIT AHUJA	CHARACTERIZATION OF PHOTOX TOXIN FROM PHOTORHABDUS BACTERIA ISOLATED FROM INDIAN STRAINS OF HETERORHABDITIS NEMATODE
95	20847	VINAY K. Y.	QUALITY ASSESSMENT OF TOMATO IN RESPONSE OT MANAGEMENT OF ROOT KNOT NEMATODE , MELOIDOGYNE INCOGNITA WITH NEMATICIDES

## PLANT GENETIC RESOURCES

96	20848	LAXMISHA K. M.	AGRO-MORPHOLOGICAL AND BIOCHEMICAL CHARACTERIZATION OF INDIGENOUS ACCESSIONS OF JOB'S TEARS ( <i>Coix lacrymajobi</i> L.) IN INDIA
97	20849	PUNEETH G. M.	GENETIC PURITY TESTING OF F1 HYBRIDS OF COTTON USING DNA MARKERS
98	20850	P. PRABHU	GENETIC DIVERSITY ANALYSIS OF <i>Garcinia indica</i> (DUPETIT-THOUARS.) CHOISY BASED ON MORPHOLOGICAL AND MOLECULAR MARKERS.
99	20851	NAVAL KISHOR MEENA	STUDIES ON SEED LONGEVITY OF WILD AND CULTIVATED SESAME ( <i>Sesamum</i> spp.)

No.	ROLL NO	NAME OF THE STUDENT	Title of Thesis
<b>PLANT PATHOLOGY</b>			
100	20852	JAGMOHAN SINGH	IDENTIFICATION AND EXPRESSION ANALYSIS OF PATHOGENICITY-RELATED GENES IN <i>Tilletia indica</i> INCITING KARNAL BUNT OF WHEAT
101	20853	SHREENATH Y. S.	CHARACTERIZATION OF PATHOGEN(S) ASSOCIATED WITH CHICKPEA STUNT DISEASE AND IDENTIFICATION OF THEIR NATURAL RESERVOIRS
102	20854	Ms. PANKHURI SINGHAL	CHARACTERIZATION OF VIROIDS INFECTING GRAPEVINE AND DEVELOPMENT OF RAPID DIAGNOSTIC PROTOCOL
103	20855	VINEETH VIJAYAN	IDENTIFICATION OF RESISTANT SOURCES IN SOYBEAN AGAINST YELLOW MOSAIC DISEASE
104	20856	Ms. ASHARANI PATEL	INVESTIGATION ON BACTERIAL VOLATILE MEDIATED PRIMING OF RICE AGAINST BLAST DISEASE
105	20857	MRUTYUNJAYA S.	STUDYING THE ROLE OF XopQ T3SS EFFECTOR OF <i>Xanthomonas axonopodis</i> pv. <i>punicae</i> ON THE DEVELOPMENT OF BACTERIAL BLIGHT IN POMEGRANATE
106	20858	NAVEEN NAYAKA S.	IDENTIFICATION OF EFFICIENT DELIVERY METHOD OF INFECTIOUS DNA CONSTRUCT OF CUCUMBER GREEN MOTTLE MOSAIC VIRUS AND QUANTIFICATION OF VIRAL LOAD IN CUCURBIT PLANT
107	20859	PRASHANTHA S. T.	UNDERSTANDING THE INTERACTIONS OF ANASTOMOSIS GROUPS (AG) OF <i>Rhizoctonia solani</i> WITH RICE ( <i>Oryza sativa</i> L.)
<b>PLANT PHYSIOLOGY</b>			
108	20861	BIRENDRA KUMAR PADHAN	IMPACT OF ELEVATED CO <sub>2</sub> ON REGULATION OF NITROGEN METABOLISM UNDER HIGH NITROGEN AVAILABILITY IN WHEAT
109	20862	DIVTE PANDURANG RAGHUNATH	REGULATION OF PHYTOSIDEROPHORE (PS) PRODUCTION AND RELEASE DYNAMICS BY ETHYLENE UNDER Fe DEFICIENCY IN WHEAT
110	20863	Ms. NISHA	DYNAMICS OF EPICUTICULAR WAX AND MINERAL NUTRIENTS IN WHEAT UNDER HEAT AND DROUGHT STRESS
111	20864	DIPANKAR BARMAN	DECIPHERING THE ROLE OF miRNA IN MELATONIN INDUCED THERMO-TOLERANCE IN RICE ( <i>Oryza sativa</i> )
<b>POST HARVEST TECHNOLOGY</b>			
112	20865	GOWTHAM R.	NEURAL NETWORK MODELING OF PEARL MILLET EXTRUSION PROCESS
113	20867	Ms. MONIKA G. TOTAD	NUTRITIONAL PROFILING AND SHELF LIFE EXTENSION OF BLUEBERRY USING EDIBLE COATINGS
114	20906	AHMAD FARID AZIZI	DEVELOPMENT OF FABRICATED POTATO SNACK WITH HIGH FIBER AND REDUCED FAT

No.	ROLL NO	NAME OF THE STUDENT	Title of Thesis
<b>SEED SCIENCE AND TECHNOLOGY</b>			
115	20734	AJAY	EFFECT OF BIOLOGICAL SEED TREATMENTS AND STORAGE CONTAINERS ON THE SEED QUALITY OF ONION SEED LOTS
116	20868	SATISH KUMAR	STUDIES ON SEEDLING EMERGENCE, CROP PERFORMANCE AND VIGOUR ASSESSMENT IN BITTER GOURD ( <i>Momordica charantia</i> L.)
117	20869	NIRANJAN PRASAD H. P.	STUDIES ON SEED QUALITY PARAMETERS IN FRUIT ROT INFECTED SEEDS OF BRINJAL ( <i>Solanum melongena</i> L.) CAUSED BY <i>Phomopsis vexans</i> AND DEVELOPMENT OF ECO-FRIENDLY MANAGEMENT
118	20870	PRAVEEN KUMAR YADAV	EFFECT OF GA RESPONSIVE REDUCED HEIGHT GENES ON SEEDLING VIGOUR TRAITS IN WHEAT ( <i>TRITICUM AESTIVUM</i> L.)
119	20871	Ms. KARABI BANIA	STUDIES ON SYNCHRONIZATION OF FLOWERING IN PARENTAL LINES OF HYBRID RICE
120	20873	DILSHAD AHMAD	STUDIES ON SEED DEVELOPMENT, ON-SET OF GERMINATION, PHYSIOLOGICAL AND HARVEST MATURITY IN CUCUMBER ( <i>CUCUMIS SATIVUS</i> L.) CV.

### SOIL SCIENCE AND AGRICULTURAL CHEMISTRY

121	20874	MD. BASIT RAZA	SYNTHESIS AND EVALUATION OF ZINC LOADED NANO CLAY BIOPOLYMER COMPOSITES FOR ENHANCING USE EFFICIENCY OF ZINC
122	20875	SUBHASIS SATAPATHY	ASSESSING POTASSIUM SUPPLYING PARAMETERS OF SOIL UNDER CONSERVATION AGRICULTURE
123	20876	Ms. VANDANA KUMARI	LONG TERM EFFECT OF FERTILIZATION AND MANURING ON QUALITY AND LEVEL OF CARBON IN FOUR SOIL ORDERS OF INDIA
124	20877	KINGSHUK MODAK	IMPACT OF CONSERVATION AGRICULTURAL PRACTICES ON ORGANIC CARBON STABILIZATION WITHIN SOIL AGGREGATES UNDER SOYBEAN WHEAT SYSTEM IN AN INCEPTISOL
125	50016	ANSHUMAN DAS	POTASSIUM SUPPLYING CAPACITY IN SOIL UNDER DIFFERENT LAND USE SYSTEMS OF ASSAM
126	60015	Ms. ATHULYA S	SYNTHESIS AND EVALUATION OF SUSTAINED RELEASE PHOSPHATIC FERTILIZER PRODUCTS FOR ENHANCING PHOSPHORUS USE EFFICIENCY
127	60016	AJIN S ANIL	INTERACTIVE EFFECT OF CALCIUM AND BORON ON THE AVAILABILITY OF BORON IN ACID SOILS

No.	ROLL NO	NAME OF THE STUDENT	Title of Thesis
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### VEGETABLE SCIENCE

128	20878	MANOJ KUMAR MAHALIK	IDENTIFICATION OF RESISTANT GENOTYPES OF OKRA AND VIRUS ASSOCIATED WITH BHINDI YELLOW VEIN MOSAIC DISEASE
129	20879	PUNEETH P. V.	EVALUATION OF HOT PEPPER ( CAPSICUM ANNUUM L.) GENOTYPES FOR HEAT STRESS TOLERANCE.
130	20880	YOGANANDA H. S.	CHARACTERIZATION AND DIVERSITY ANALYSIS OF CABBAGE ( <i>Brassica oleracea</i> L. var. <i>capitata</i> ) GERMPLASM USING AGRO-MORPHOLOGICAL TRAITS AND SSR MARKERS
131	20881	Ms. BHANUSHREE N.	GENETICS AND MOLECULAR CHARACTERIZATION OF FRUIT TRAIT IN EGG PLANT ( <i>SOLANUM MELONGENA</i> L.)
132	50019	HARISHA S M	EFFECT OF TIME OF PLANTING AND SPACING IN THE QUALITY SEED PRODUCTION OF OKRA CV. PUSA BHINDI-5
133	60017	ABHAY VIKRAM SINGH	EFFECT OF SPACING AND MICRONUTRIENT ON GROWTH, YIELD AND QUALITY TRAITS OF BITTER GOURD VARIETIES GROWN UNDER PROTECTED STRUCTURES
134	60018	RAMESHWAR MEENA	ASSESSMENT OF GENETIC VARIABILITY FOR HORTICULTURAL AND QUALITY TRAITS IN DOLICHOS BEAN

### WATER SCIENCE AND TECHNOLOGY

135	20885	ASHOK IRAPPA HALLI	PHYTOREMEDIATION OF HEAVY METALS, SOIL HEALTH IMPACTS AND PRODUCTIVITY OF GLADIOLUS UNDER IRRIGATIONS WITH METALS SPIKED WASTEWATER
136	50021	RAGHAV MAURYA	HYDROLOGICAL BEHAVIOUR AND NUTRIENT FLUX IN A RAINFED HORTI-AGRI SYSTEM WITH DIFFERENT WATER CONSERVATION PRACTICES
137	60019	MANJUNATH DALI	IMPACT OF POLLUTED HINDON RIVER WATER IRRIGATION ON SOIL HEALTH AND ASSESSING RISK IN RELATION TO TRANSFER OF METALS TO HUMAN FOOD CHAIN

List of candidates who have successfully completed all the requirements including final viva-voce examination for the award of degree of Doctor of Philosophy as on 12/12/2018.

No.	ROLL NO	NAME OF THE STUDENT	Title of Thesis
<b>AGRICULTURAL ENGINEERING</b>			
1	10391	PREM KUMAR SUNDARAM	STUDIES ON DESIGN PARAMETERS OF UREA AMMONIUM NITRATE (UAN) APPLICATOR SYSTEM
<b>AGRICULTURAL EXTENSION</b>			
2	9935	ANIRBAN MUKHERJEE	AN ANALYTICAL STUDY ON STATUS, PROSPECTS AND CHALLENGES OF FARMERS' PRODUCER COMPANIES
3	10574	Ms. JASNA V.K.	PESTICIDE USE BEHAVIOUR OF VEGETABLE FARMERS WITH SPECIAL FOCUS ON FOOD AND ENVIRONMENTAL SAFETY: A MULTIDIMENSIONAL STUDY
4	10575	Ms. SHRUTI	CRITICAL ANALYSIS OF ENTREPRENEURIAL ENVIRONMENT FOR VALUE CHAIN DEVELOPMENT
<b>AGRICULTURAL PHYSICS</b>			
5	10581	SURAJIT MONDAL	ROOT DISTRIBUTION AND WATER UPTAKE IN WHEAT UNDER TILLAGE- INDUCED MODIFIED SOIL PHYSICAL ENVIRONMENT
<b>AGRICULTURAL STATISTICS</b>			
6	10544	SAURAV GUHA	USE OF CALIBRATION APPROACH IN THE ESTIMATION OF DOMAIN TOTAL IN THE PRESENCE OF AUXILIARY INFORMATION
7	10582	SHYAMSUNDAR PARUI	EFFICIENT DESIGNS FOR INCOMPLETE FACTORIAL TREATMENT STRUCTURE
<b>AGRONOMY</b>			
8	10260	RAMESH KUMAR SINGH	EVALUATION OF SYSTEM CROP INTENSIFICATION FOR DIFFERENT GENOTYPES IN SOYBEAN-WHEAT SEQUENCE
9	10547	BHARGAVI B.	DIVERSIFICATION OF FARMING SYSTEMS WITH HIGH-VALUE CROPS FOR LIVELIHOOD IMPROVEMENT OF MARGINAL FARMERS
<b>BIOCHEMISTRY</b>			
10	9960	GAURAV KUMAR	FUNCTIONAL SIGNIFICANCE OF Tomato leaf curl New Delhi virus PATHOGENICITY FACTORS IN REDIRECTING HOST GENE REGULATION AND THEIR INVOLVEMENT IN HOST-VIRUS INTERFACE
11	10107	Ms. KALPANA TEWARI	ISOLATION AND FUNCTIONAL ANALYSIS OF THE PROMOTERS OF $\gamma$ -tocopherol methyl transferase ( $\gamma$ -TMT) GENE FROM HIGH AND LOW $\alpha$ -tocopherol CONTAINING GENOTYPES OF SOYBEAN ( <i>Glycine max</i> )
12	10108	ASHISH MARATHE	ASSOCIATION PATTERNS OF GENE EXPRESSION AND METABOLITE PROFILES FOR PHYTATE BIOSYNTHESIS DURING SEED DEVELOPMENT AND RNA INDUCED DOWNREGULATION OF ITPK2 IN SEEDS THROUGH <i>Agrobacterium</i> MEDIATED GENETIC TRANSFORMATION FOR LOW PHYTATE SOYBEAN

No.	ROLL NO	NAME OF THE STUDENT	Title of Thesis
<b>ENTOMOLOGY</b>			
13	9968	DIVEKAR PRATAP ADINATH	STUDY ON PLANT PHYSICO-CHEMICAL BASES OF RESISTANCE IN MAIZE AGAINST SHOOT FLY AND PINK STEM BORER
14	10278	JONI KUMAR	EFFECT OF SEMIOCHEMICALS ON NATURAL ENEMIES OF <i>Lipaphis erysimi</i> (Kaltenbach) AND <i>Myzus persicae</i> (Sulzer) OCCURRING IN MUSTARD
<b>GENETICS AND PLANT BREEDING</b>			
15	10287	AMIT KUMAR	CHARACTERIZATION OF ISOCYTOPLASMIC RESTORER LINES DERIVED FROM ELITE RICE HYBRIDS AND THEIR UTILIZATION IN HYBRID DEVELOPMENT
16	10289	SUMAN PARRE	IDENTIFICATION OF QUANTITATIVE TRAIT LOCI FOR PLANT TYPE, SEED YIELD COMPONENTS AND BIOCHEMICAL TRAITS RELATED TO POD BORER RESISTANCE IN PIGEONPEA [ <i>Cajanus cajan</i> (L) MILLSPAUGH]
17	10458	Ms. PHILANIM W.S.	GENOME WIDE ASSOCIATION MAPPING OF YIELD TRAITS IN CHICKPEA ( <i>Cicer arietinum</i> L.)
<b>HORTICULTURE</b>			
18	10139	CHAVLESH KUMAR	MORPHOLOGICAL AND MOLECULAR DIVERSITY ANALYSES OF WILD APPLE ( <i>Malus</i> sp.) GERMPLASM
19	10297	Ms. OMEM TAMUT	EXPLOITATION OF HETEROSIS FOR QUANTITATIVE TRAITS IN MARIGOLD THROUGH INTER-SPECIFIC HYBRIDIZATION
20	10459	ABHAY KUMAR GAURAV	PHYLOGENETIC RELATIONSHIPS IN THE GENUS <i>Rosa</i> (Rosaceae): BASED ON MORPHOLOGICAL AND MOLECULAR MARKERS
21	10462	Ms. PRATIKSHA KUMARI	IMPROVEMENT IN CHINA ASTER [ <i>Callistephus chinensis</i> (L.) NEES.] THROUGH HYBRIDIZATION AND MUTATION
22	10463	VELURU BHARGAV	MORPHO-BIOCHEMICAL AND MOLECULAR CHARACTERIZATION OF CHINA ASTER [ <i>Callistephus chinensis</i> (L.) NEES]
23	10476	NIMBOLKAR PRASHANT KISAN	STUDIES ON SALT TOLERANCE IN POLYEMBRYONIC MANGO ( <i>Mangifera indica</i> L.) ROOTSTOCK SEEDLINGS
24	10477	RAHUL KUMAR	MAP-BASED MOLECULAR DIVERSITY ANALYSIS AND ASSOCIATION MAPPING STUDIES OF HORTICULTURAL TRAITS IN CUCUMBER
25	10486	Ms. NANGSOL DOLMA BHUTIA	ASSESSMENT OF HETEROSIS FOR YIELD AND QUALITY TRAITS AND MOLECULAR MAPPING OF CLUSTER BEARING HABIT IN <i>Luffa</i>
26	10548	Ms. THANESHWARI	INDUCTION OF EMBRYOGENY AND PLANT REGENERATION THROUGH INDUCED ANDROGENESIS/GYNOGENESIS IN MARIGOLD ( <i>Tagetes</i> spp. L.)
27	10634	VIJAYAKUMAR RATHOD	GENETIC STUDIES AND TAGGING OF GENE(S) RELATED TO ECONOMIC TRAITS IN BITTER GOURD ( <i>Momordica charantia</i> L.)
<b>MICROBIOLOGY</b>			
28	10308	JAIRAM CHOUDHARY	APPROACHES FOR SIMULTANEOUS SACCHARIFICATION AND FERMENTATION OF LIGNOCELLULOSIC BIOMASS

No.	ROLL NO	NAME OF THE STUDENT	Title of Thesis
<b>PLANT PATHOLOGY</b>			
29	10165	RISHIKESH KUMAR	INVESTIGATION ON THE POSSIBLE ROLE OF XopN-T3SS EFFECTOR IN MODULATING BACTERIAL BLIGHT DISEASE IN POMEGRANATE ( <i>Punica granatum</i> L.)
30	10336	NENAVATH BALRAM	CHARACTERIZATION OF SATELLITE MOLECULES ASSOCIATED WITH COTTON LEAF CURL DISEASE COMPLEX IN PUNJAB AND RAJASTHAN AND IDENTIFICATION OF RESISTANCE SOURCE
31	10513	GOPALA	CHARACTERIZATION AND NATURAL SPREAD SOURCES OF PHYTOPLASMA DISEASES ASSOCIATED WITH IMPORTANT ORNAMENTAL CROPS
<b>PLANT PHYSIOLOGY</b>			
32	10037	KRISHNA KUMAR G.	MOLECULAR ANALYSIS OF ROOT SYSTEM ARCHITECTURE IN RICE UNDER DROUGHT STRESS
<b>POST HARVEST TECHNOLOGY</b>			
33	10342	JANAGAM VENU MADHAV	ENHANCEMENT OF POSTHARVEST LIFE OF GUAVA ( <i>psidium guajava</i> L.) FRUIT BY APPLICATION OF GRAS SUBSTANCES
34	10522	K. RAMA KRISHNA	STUDIES ON JELLY SEED DISORDER IN MANGO AND ITS DETECTION WITH X-RAY IMAGING
35	10658	K PRASAD	POST HARVEST LOSS REDUCTION AND QUALITY RETENTION OF MANGO FRUITS UNDER AMBIENT STORAGE
<b>SEED SCIENCE AND TECHNOLOGY</b>			
36	10551	MURALI C N	SEED DEVELOPMENT, MATURATION AND CHARACTERIZATION IN SELECTED MARIGOLD ( <i>Tagetes</i> spp)
37	10705	VISHWANATH ROHIDAS YALAMALLE	STUDIES ON APPLICATION OF POLYMER, POLYAMINES AND SCAPE REGULATION ON SEED YIELD AND QUALITY IN ONION ( <i>Allium cepa</i> L.)
<b>SOIL SCIENCE AND AGRICULTURAL CHEMISTRY</b>			
38	10192	DEBARUP DAS	EFFECT OF LONG-TERM FERTILIZATION AND MANURING ON POTASSIUM DYNAMICS IN SOILS OF VARYING MINERALOGICAL MAKE-UP
39	10197	ARIJIT BARMAN	MANGANESE DYNAMICS IN DIFFERENT SOILS IN RELATION TO ITS AVAILABILITY TO WHEAT ( <i>Triticum</i> sp.)