

POST GRADUATE SCHOOL
INDIAN AGRICULTURAL RESEARCH INSTITUTE
NEW DELHI-110012

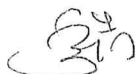
No. PGS-I/1-409/AC/2019

March 13, 2019

ENDORSEMENT

A copy of the proceedings of the 409th meeting of the Academic Council held on 7th February, 2019 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



(M.K. Jain)
Registrar (Acting)

**PROCEEDINGS OF THE 409th MEETING OF THE ACADEMIC COUNCIL
HELD ON FEBRUARY 07, 2019 AT 09.30 AM IN THE CONFERENCE
HALL OF PROF. M.S. SWAMINATHAN LIBRARY, IARI, NEW DELHI -
110012**

The following members were present:

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| 1. Dr. A.K. Singh, Director (Additional charge), IARI | Chairman |
| 2. Dr. (Mrs.) Rashmi Aggarwal, Dean and Joint Director (Edn.) Vice-
(Additional charge), IARI | Chairperson |
| 3. Dr. P.K. Joshi, Director, South Asia, IFPRI | Member |
| 4. Dr. A.K. Singh, Former Vice-Chancellor, RVSKVV, Gwalior | Member |
| 5. Dr. H.S. Gupta, Former DG, BISA & Director, IARI | Member |
| 6. Dr. S.N. Puri, Former Vice-Chancellor, CAU, Imphal | Member |
| 7. Dr. J.P. Sharma, Joint Director (Extn.), IARI | Member |
| 8. Dr. A.K. Singh, Joint Director (Res.) (Additional charge), IARI | Member |
| 9. Dr. Kuldeep Singh, Director, NBPGR | Member |
| 10. Dr. L.M. Bhar, Director, IASRI (Additional Charge) | Member |
| 11. Dr. Man Singh, Project Director (Acting), WTC and Professor, WST | Member |
| 12. Dr. K.M. Manjaiah, Associate Dean, PG School | Member |
| 13. Dr.(Ms.) ShashiBala Singh, Professor, Agricultural Chemicals | Member |
| 14. Dr.(Ms.) Alka Singh, Professor, Agricultural Economics | Member |
| 15. Dr. D.K. Singh, Professor, Agricultural Engineering | Member |
| 16. Dr. V.K. Sehgal, Professor, Agricultural Physics | Member |
| 19. Dr.(Ms.) Seema Jaggi, Professor, Agricultural Statistics | Member |
| 20. Dr. T.K. Das, Professor, Agronomy | Member |
| 21. Dr.(Ms.) Aruna Tyagi, Professor, Biochemistry | Member |
| 22. Dr. A.R. Rao Professor, Bioinformatics | Member |
| 23. Dr. Sudeep Marwaha, Professor, Computer Application | Member |
| 24. Dr. Subhas Chander, Professor, Entomolgy | Member |
| 25. Dr. Soora Naresh Kumar, Professor, Environmental Sciences | Member |
| 26. Dr. K.P. Singh, Professor, Floriculture and Landscape Architecture | Member |
| 27. Dr. O.P. Awasthi, Professor, Fruit Science | Member |
| 28. Dr. Vinod, Professor, Genetics and Plant Breeding | Member |
| 29. Dr.(Mrs.) Radha Prasanna, Professor, Microbiology | Member |
| 30. Dr. R.C. Bhattacharya, Professor, MBB | Member |
| 31. Dr. M.R. Khan, Professor, Nematology | Member |
| 32. Dr.(Ms.) Veena Gupta, Professor, PGR | Member |
| 33. Dr. V.K. Baranwal, Professor, Plant Pathology | Member |
| 34. Dr. Madan Pal Singh, Professor, Plant Physiology | Member |
| 35. Dr. S.K. Jha, Professor, Post Harvest Technology | Member |
| 36. Dr. S.K. Jain, Professor, Seed Science & Technology | Member |
| 37. Dr. S.P. Datta, Professor, SS&AC | Member |
| 38. Dr. T.K. Behera, Professor, Vegetable Science | Member |
| 39. Dr. Anil Sirohi, MOHR, PG Hostels | Member |
| 40. Dr. A. Nagaraja, Senior Scientist, Fruit Science
and Faculty Representative to the Academic Council | Member |
| 41. Dr. Mahesh C. Yadav, Principal Scientist, NBPGR
and Faculty Representative to the Academic Council | Member |
| 42. Mrs. Rajshree Anand, Incharge, IARI Library | Member |
| 43. Mr. B.R. Tribhuvan, President, PGSSU | Member |
| 44. Ms. Priti Priyadarshni, Students' Representative to the AC | Member |
| 45. 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.), ICAR	Member
2. Dr. K.K. Singh, Director, CIAE, Bhopal	Member
3. Dr. M.R. Dinesh, Director, IIHR, Bengaluru	Member
4. Dr. N.K. Singh, Director, NRCPB (Additional Charge)	Member
5. Dr. P.R. Ojasvi, Director, IISWC, Dehradun (Additional Charge)	Member
6. Dr. R.N. Padaria, Professor, Agricultural Extension	Member

Dr.(Mrs.) Rashmi Aggarwal, 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. H.S. Gupta, Former Director General, BISA and Director, IARI, New Delhi
2. Dr. S.N. Puri, Former Vice Chancellor, CAU, Imphal
3. Dr. Rashmi Aggarwal, Dean & Joint Director (Edn.), (Additional charge), IARI
4. Dr. A.K. Singh, Joint Director (Research), (Additional charge), IARI
5. Dr.(Mrs.) Radha Prasanna, Professor, Microbiology

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. H.S. Gaur, Former VC, SVPUAT, Meerut
2. Dr. S.K. Datta, Former DDG(CS), ICAR
3. Dr. J.P. Sharma, Dean and Joint Director (Edn.) (Additional charge), IARI
4. Sh. Sanchal Bilgrami, Comptroller, IARI

The Director and Chairman, Academic Council apprised the Academic Council about the educational achievements at the Institute viz. Students admission at IARI/IARI-Jharkhand, IARI-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's Welfare; Institution building activities in other countries and 57th Convocation week activities.

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

Agenda Item No.	Description of Agenda Items
409.1	Confirmation of the proceedings of the 408 th meeting of the Academic Council held on December 14, 2018
409.2	Action Taken Report on the Proceedings of the 408 th meeting of the Academic Council held on December 14, 2018
409.3	Recommendations of the Judging Committees for finalization of various awards to be presented on the occasion of 57 th Convocation
409.4	List of candidates for the award of degree of M.Sc., M.Tech. and Ph.D.
409.5	Any other item with the permission of the Chair

Agenda Item No. 409.1: Confirmation of the proceedings of the 408th meeting of the Academic Council held on 14.12.2018

The Chairman called for the comments, if any, from the members of the Academic Council on the proceedings of the 408th meeting. Since no comment was there, the proceedings of the previous meeting was confirmed.

Agenda Item No. 409.2: Report on action taken on the proceedings of the 408th meeting of the Academic Council held on 14.12.2018

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

409.2.1 The Academic Council showed concern on the issue of financial hardship being faced by the students due to late payment of Scholarship/Fellowship and decided that:

DDO (PG School), Registrar and Comptroller to make sure that Scholarship money should be deposited in the Student's Bank Account on the last day of each month. Deduction of Scholarship/ Fellowship for any of the reasons shall be made in the next month Scholarship/Fellowship.

409.2.2 On the issue of increase in the number of seats of M.Sc. and Ph.D. to comply with the Government of India reservation policy for EWSs from the present academic session, the Academic Council was of the opinion that a Committee may be constituted by the Chairman, Academic Council to come up with suitable recommendations.

409.2.3 The Registrar and Comptroller should take immediate necessary action to put the online payment gateway in place within a month time.

Agenda Item No. 409.3: Recommendations of the Judging Committees for finalization of the following awards to be presented on the occasion of 57th Annual Convocation of IARI to be held on February 08, 2019

I. TWENTY FIFTH HOOKER AWARD FOR THE BIENNIUM 2016-17

The Academic Council approved the recommendations of the Judging Committee under the Chairmanship of Dr. P. Das, Former DDG (Extn.), ICAR, New Delhi made in its meeting held on January 22, 2019 for the award to Dr. Ravish Chatrath, Principal Scientist, ICAR-Indian Institute of Wheat and Barley Research, Karnal for his outstanding research contributions in the field of "Wheat Breeding". The award consists of cash prize of Rs. 15,000 and commendation certificate.

II NINETEENTH SHRI HARI KRISHNA SHASTRI MEMORIAL AWARD FOR THE YEAR 2018

The Academic Council approved the recommendations of the Judging Committee under the Chairmanship of Dr. T.R. Sharma, Executive Director, National Agri-Food Biotechnology Institute, Mohali made in its meeting held on January 25, 2019 for the award to Dr.(Mrs.) Shelly Praveen, Head, Division of Biochemistry, ICAR-

Indian Agricultural Research Institute, New Delhi for her outstanding research contribution in the field of "Fundamental and applied research in plant virology". The award consists of cash prize of Rs. 25,000 and commendation certificate.

III SEVENTH RAO BAHADUR B. VISWANATH AWARD FOR THE BIENNIUM 2016-17

The Academic Council approved the recommendations of the Judging Committee under the Chairmanship of Dr. A.K. Srivastava, Chairman, ASRB, New Delhi made in its meeting held on January 23, 2019 for the award to Dr. M.S. Chauhan, Director, ICAR-Central Institute for Research on Goats, Makhdoom, Mathura for his outstanding research contribution in the field of "Animal Biotechnology". The award consists of cash prize of Rs. 1,00,000, medal and commendation certificate.

IV BEST TEACHER AWARD IN AGRICULTURAL HIGHER EDUCATION-2018 FOR THE FACULTY OF POST GRADUATE SCHOOL

The Academic Council approved the recommendations of the Judging Committee under the Chairmanship of Dr. P.L. Gautam, Vice Chancellor, Career Point University, Hamirpur, Himachal Pradesh made in its meeting held on January 22, 2019 for the award to Dr. A.R. Rao, Professor, Discipline of Bioinformatics, ICAR-Indian Agricultural Statistical Research Institute for "Best Teacher Award 2018". The award consists of a cash prize of Rs. 50,000 and commendation certificate.

V SEVENTEENTH Dr. B.P. PAL MEDAL FOR THE YEAR-2018

The Academic Council approved the recommendations of the Judging Committee under the Chairmanship of Dr. H.S. Gupta, Former Director General, Borlaug Institute for South Asia, New Delhi made in its meeting held on January 21, 2019 for the award to Dr. Dharmendra Singh, Principal Scientist, Division of Genetics, IARI, New Delhi for his outstanding research contributions in the field of "Mung and lentil breeding along with basic genetic work in both the crops". The award consists of cash prize of Rs. 50,000, medal and commendation certificate.

VI AWARD OF "BEST STUDENT OF THE YEAR" AND "IARI MERIT MEDALS" TO THE STUDENTS OF DOCTOR OF PHILOSOPHY AND MASTER OF SCIENCE

The Academic Council approved the recommendations of the Judging Committee under the Chairmanship of Dr. B.S. Dhillon, Vice-Chancellor, PAU, Ludhiana made in its meeting held on February 4, 2019; "Best Students Award" for the year-2018 one each from M.Sc./M.Tech. and Ph.D. and "IARI Merit Medals" five each for M.Sc./M.Tech. and Ph.D. as detailed below:

BEST STUDENT OF THE YEAR -2018

	Name of the Student	Roll No.	Discipline
Ph.D.	Ms. Jyoti Nishad	10525	Post Harvest Technology
M.Sc.	Mr. Bishwarajan Behera	20788	Agronomy

IARI MERIT MEDALS**DOCTOR OF PHILOSOPHY**

1.	Mr. Victor Phani	10502	Nematology
2.	Ms. Shruti	10575	Agricultural Extension
3.	Mr. Debarup Das	10192	Soil Science and Agricultural Chemistry
4.	Mr. Veluru Bhargav	10463	Floriculture & Landscape Architecture
5.	Mr. Viswanath Rohidas Yallamalle	10705	Seed Science & Technology


MASTER OF SCIENCE


1.	Mr. Sujan Adak	20778	Agricultural Physics
2.	Mr. Kapil Choudhary	20785	Agricultural Statistics
3.	Ms. Uzma Mehraj	20819	Floriculture & Landscape Architecture
4.	Mr. Anshuman Das	50016	Soil Science & Agricultural Chemistry
5.	Mr. Arka Deb Mukhopadhaya	20756	Agricultural Chemicals

Agenda Item No.409.4 *List of candidates for the award of degree of Master of Science and Doctor of Philosophy*

In addition to the 137 M.Sc./M.Tech. and 39 Ph.D. candidates already approved by the Academic Council in its 408th meeting for the award of their respective degrees, 8 candidates for award of degree of Master of Science and 55 candidates for Doctor of Philosophy was also approved by the Academic Council (**Appendix – I**).

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


(K.C. Joshi)
Member-Secretary


(Rashmi Aggarwal)
Vice Chairperson


(A.K. Singh)
Chairman

Supplementary list of candidates who have successfully completed all the requirements including final viva-voce examination for the award of degree of Master of Science and Doctor of Philosophy as on 04/02/2019

No.	ROLL NO	NAME OF THE STUDENT	Title of Thesis
<u>MASTER OF SCIENCE (Agri.)</u>			
AGRICULTURAL EXTENSION			
1	20897	Ms. EMAN MAHMOUD AHMED MOHAMED	A STUDY OF CAREER ASPIRATIONS AND ENTREPRENEURIAL INTENTION AMONG THE AGRICULTURAL STUDENTS
NEMATOTOLOGY			
2	20844	SACHIN GANGWAR	COMBINATORIAL EFFECT OF HOST DELIVERED DsRNA TARGETING SPLICING FACTOR AND INTEGRASE GENES ON PARASITIC ABILITY OF <i>Meloidogyne incognita</i> IN ARABIDOPSIS
PLANT PHYSIOLOGY			
3	20860	Ms. PRIYA PAUL	UNDERSTANDING THE MECHANISM OF DUAL- NUTRIENT (NITROGEN AND PHOSPHOROUS) STRESS TOLERANCE IN CONTRASTING WHEAT GENOTYPES
4	20904	OM PRAKASH GHIMIRE	DECIPHERING THE MOLECULAR PATHWAY OF MELATONIN MEDIATED DROUGHT TOLERANCE IN RICE
POST HARVEST TECHNOLOGY			
5	20866	MANJUNATHA T. K.	POSTHARVEST LIFE AND QUALITY OF SAPOTA (<i>Achras zapota</i> L.) AS INFLUENCED BY POLYAMINES AND GUM ARABIC
SOIL SCIENCE AND AGRICULTURAL CHEMISTRY			
6	50017	MUNIRAJA M.	NITROGEN USE EFFICIENCY OF UREA AMMONIUM NITRATE IN RICE AS INFLUENCED BY NANOCLAY POLYMER COMPOSITES
WATER SCIENCE AND TECHNOLOGY			
7	20883	THORUN PATEL. K. R	IMPACT ASSESSMENT OF TREATED VERSUS UNTREATED WASTEWATERS ON SOIL-PLANT HEAVY METAL CONTAMINATION AND YIELD OF BRINJAL
<u>MASTER OF SCIENCE (Hort.)</u>			
VEGETABLE SCIENCE			
8	20882	FORNESTAR LYNGKHOI	CHARACTERISATION OF GENETIC DIVERSITY AND ASSOCIATION OF BULBING TO FLOWERING LOCUS T (FT) GENE IN ONION (<i>Allium cepa</i> L.)
<u>DOCTOR OF PHILOSOPHY</u>			
AGRICULTURAL CHEMICALS			
9	10375	Ms. ANU KUMARI	BIOBEDS FOR AZOXYSTROBIN AND IMIDACLOPRID RINSATE DISPOSAL
10	10557	ANUP KUMAR	EFFECTS OF WHEAT AND RICE STRAW STUBBLE ASHES ON FATE OF PRETILACHLOR AND SULFOSULFURON IN SOILS
11	10558	DEEPAK KUMAR	UTILIZATION OF MICROBE(S) FROM SUGARCANE RHIZOSPHERE SOIL FOR FIPRONIL DEGRADATION

No.	ROLL NO	NAME OF THE STUDENT	Title of Thesis
AGRICULTURAL ECONOMICS			
12	9918	AJESH P.	FINANCIAL INCLUSION THROUGH MICROFINANCE: A CASE STUDY OF BIHAR RURAL LIVELIHOOD PROJECT (JEEVIKA)
13	10067	Ms. ANUJA A.R.	PATTERN AND IMPLICATIONS OF LABOUR MIGRATION IN AGRICULTURE
14	10378	VIKRAM YOGI	IMPACT VALUE CHAIN FINANCING ON PROFITABILITY AND EFFICIENCY OF KINNOW CULTIVATION IN NORTH-WESTERN INDIA
15	10565	SAPKAL SANJAY BABAJI	IMPACT OF IDENTIFIED CLIMATE SMART AGRICULTURE TECHNOLOGIES FOR ADAPTATION, RESILIENCE AND PROFITABILITY IN THE INDO-GANGETIC PLAINS OF HARYANA AND BIHAR
AGRICULTURAL ENGINEERING			
16	10077	VIBHUTE SAGAR DATTATRAYA	MODELLING CROP WATER PRODUCTIVITY OF RICE UNDER DIFFERENT CULTIVATION METHODS
17	10238	PAWAN JEET	MODELLING OF RAINWATER HARVESTING AND GROUNDWATER RECHARGE POTENTIAL FOR INTEGRATED WATER RESOURCES MANAGEMENT
AGRICULTURAL EXTENSION			
18	10080	PHURAILATPAM ROMEN SHARMA	EFFECTIVENESS OF INTEGRATED FARMING SYSTEM MODELS FOR SUSTAINABLE LIVELIHOOD
19	10405	MOHAMED ABDELLATEF ORABI ABDELLATEF	GENDER EMPOWERMENT THROUGH ICT LED DEVELOPMENT INTERVENTIONS: A COMPARATIVE ANALYSIS OF INDIA AND EGYPT
AGRICULTURAL STATISTICS			
20	10093	RAJU KUMAR	OUTLIERS IN BLOCK DESIGNS FOR INCOMPLETE MULTI-RESPONSE EXPERIMENTS
AGRONOMY			
21	10421	DINESH JINGER	SILICON AND PHOSPHORUS FERTILIZATION IN AEROBIC RICE AND ITS RESIDUAL EFFECT ON WHEAT
22	10422	ROHITASH BAJIYA	SILICON FERTILIZATION IN RICE-WHEAT CROPPING SYSTEM
23	10594	AMIT KUMAR	PHOSPHORUS MANAGEMENT IN MAIZE-WHEAT CROPPING SYSTEM UNDER CONSERVATION AGRICULTURE
24	10685	GAURENDRA GUPTA	EFFICACY OF BIO-INOCULANTS MEDIATED NUTRIENT MANAGEMENT IN PIGEONPEA (<i>Cajanus cajan</i> L.)- WHEAT (<i>Triticum aestivum</i> L.) CROPPING SYSTEM
BIOCHEMISTRY			
25	10109	VAIBHAV KUMAR	EXPRESSION ANALYSIS OF AP2/ERF FAMILY TRANSCRIPTION FACTOR FROM RICE UNDER WATER DEFICIT STRESS AND CHARACTERIZATION OF ITS PROMOTER REGION
26	10271	CHANGAN SUSHIL SUDHAKAR	TARGETED TRANSCRIPTOMIC AND METABOLIC PROFILING OF ABSCISIC ACID BIOSYNTHETIC PATHWAY IN-RICE FOR DROUGHT TOLERANCE
BIOINFORMATICS			
27	10433	TANMAYA KUMAR SAHU	COMPUTATIONAL APPROACHES TO UNDERSTAND HOST PATHOGEN INTERACTIONS IN FOOT-AND-MOUTH DISEASE (FMD) OF CATTLE

No.	ROLL NO	NAME OF THE STUDENT	Title of Thesis
ENTOMOLOGY			
28	10117	Ms. JILU V. SAJAN	TRAPPING ACTIVITY OF VOLATILES FROM SYMBIOTIC BACTERIA OF MELON FRUIT FLY, <i>Bactrocera cucurbitae</i> (COQUILLET).
29	10274	THUBE SHIVAJI HAUSRAO	TOXICOLOGICAL STUDIES OF CERTAIN INSECTICIDES AGAINST TEA MOSQUITO BUG <i>Helopeltis</i> spp. IN COCOA <i>Theobroma cacao</i> L.
30	10546	GUGULOTU LAXMAN	INVESTIGATIONS ON IPM INTERVENTIONS FOR THE MANAGEMENT OF MAJOR INSECT PESTS OF CABBAGE, <i>Brassica oleracea</i> var. capitata
31	10602	Ms. ARCHANA ANOKHE	ECOLOGICAL AND BIOCHEMICAL INTERACTION OF BEGOMOVIRUS WITH <i>Bemisia tabaci</i> GENNADIUS (HEMIPTERA: ALEYRODIDAE)
ENVIRONMENTAL SCIENCES			
32	10444	LAL CHAND MALAV	EMISSION OF AIR POLLUTANTS FROM COAL-BASED THERMAL POWER PLANT AND THEIR IMPACTS ON CROP PRODUCTIVITY
33	10448	Ms. SUDHA KANNOJIYA	IMPACT OF ELEVATED TEMPERATURE AND CARBON DIOXIDE ON CROP-WEED INTERACTIONS IN WHEAT
GENETICS AND PLANT BREEDING			
34	10290	JITENDRA KUMAR MEENA	TAGGING GENE(S) FOR RESISTANCE TO WILT IN LENTIL (<i>Lens culinaris</i> MEDIKUS SUBSP. <i>Culinaris</i>)
35	10553	RUMESH RANJAN	GENETIC ANALYSIS AND IDENTIFICATION OF QTLs INFLUENCING NITROGEN USE EFFICIENCY IN WHEAT (<i>Triticum aestivum</i> L.)
HORTICULTURE			
36	10460	Ms. MEENU KUMARI	CHARACTERIZATION OF HOST RESPONSE OF <i>Gladiolus</i> GENOTYPES AGAINST <i>Fusarium</i> WILT
37	10469	Ms. NEELAM THAKUR	BREEDING CHRYSANTHEMUM (<i>Dendranthema x grandiflora</i> TZVELEV.) FOR QUALITY AND RESISTANCE TO WHITE RUST (<i>Puccinia horiana</i> HENN.)
38	10475	Ms. MADHUMITA MALLICK	ROOTSTOCK INDUCED CHANGES IN THE TREE PHYSIOLOGY AND FRUIT QUALITY OF GRAPEFRUIT (<i>C. paradisi</i> Macf.)
39	10487	NAGESH G.C.	GENETICS AND MAPPING OF RESISTANCE TO WATERMELON BUD NECROSIS ORTHOTOSPOVIRUS (WBNV) IN WATERMELON [<i>Citrullus lanatus</i> (THUNB.) MATSUM & NAKAI]
40	10489	AHMAD AL HARIRI	GENETICS OF YIELD AND ITS RELATED TRAITS IN BITTER GOURD (<i>Momordica charantia</i> L.)
41	10630	PRASANTH K.	GENETIC ANALYSIS AND IDENTIFICATION OF MOLECULAR MARKERS LINKED TO POWDERY MILDEW RESISTANCE IN BITTER GOURD (<i>Momordica charantia</i> L.)
42	10631	BOMMESH J.C.	GENETIC STUDIES OF DOWNY MILDEW RESISTANCE IN INDIAN SLICING CUCUMBER (<i>Cucumis sativus</i> L.)
43	10711	NARENDRA SINGH BHANDARI	STANDARDIZATION OF <i>in vitro</i> BULBING TECHNIQUES FOR LILIUM (<i>Lilium longiflorum</i> T.) MASS MULTIPLICATION
44	10719	SAURABH SINGH	GENETIC STUDIES IN SNOWBALL CAULIFLOWER (<i>Brassica oleracea</i> var. <i>botrytis</i> L.) USING CMS AND DH LINES
MICROBIOLOGY			
45	10147	K. KIRAN KUMAR REDDY	EFFICACY AND RISK ASSESSMENT OF BACTERIAL BIOCONTROL AGENT(S) IN CHICKPEA WILT DISEASE
46	10309	YATTAPU PRASAD REDDY	MOLECULAR MECHANISMS ADOPTED BY CYANOBACTERIA TO SURVIVE EXPOSURE TO HIGH TEMPERATURE
47	10311	DHARMENDRA KUMAR	BIODEGRADATION OF PHTHALATE ESTERS USING EFFICIENT MICROORGANISMS
48	10493	MANJUNATHA B.S.	PGPR- ELICITED SYSTEMIC TOLERANCE TO DROUGHT IN PEARL MILLET (<i>Pennisetum glaucum</i> L.)

No.	ROLL NO	NAME OF THE STUDENT	Title of Thesis
MOLECULAR BIOLOGY AND BIOTECHNOLOGY			
49	9864	KUMARASWAMY H.H.	STUDY OF POPULATION STRUCTURE AND PHYLOGENY IN INDIAN WHEAT (<i>Triticum</i> spp.) LANDRACES USING DNA MARKERS
50	10153	PAWAR DEEPAK VISHWANATH	FUNCTIONAL ANALYSIS OF BLAST RESISTANCE GENE Pi56or(t) FROM <i>Oryza rufipogon</i>
51	10314	ALIM JUNAID	UNDERSTANDING THE EPIGENETIC REGULATORY NETWORKS IN CMS BASED PIGEONPEA HYBRIDS
52	10317	RAKESH KUMAR PRAJAPAT	COMPARATIVE In Silico ANALYSIS AND FUNCTIONAL VALIDATION OF LEGUME LECTINS FOR INSECTICIDAL ACTIVITY
NEMATOTOLOGY			
53	10322	HATZADE BHUPAL NAMDEO	EXPLORING NATURAL GENOTYPES AND ACTIVATION TAGGED MUTANTS FOR MANAGING RICE ROOT KNOT NEMATODE, <i>Meloidogyne graminicola</i>
54	10502	VICTOR PHANI	IDENTIFICATION AND FUNCTIONAL VALIDATION OF GENES INVOLVED IN INTERACTION BETWEEN <i>Pasteuria penetrans</i> AND <i>Meloidogyne incognita</i>
PLANT PATHOLOGY			
55	10170	Ms. DALIYAMOL	COMPLETE GENOME CHARACTERIZATION AND DEVELOPMENT OF INFECTIOUS CLONE OF TOBACCO STREAK VIRUS
POST HARVEST TECHNOLOGY			
56	10524	PUSHPENDRA KUMAR	DEVELOPMENT OF MINIMALLY PROCESSED APPLE SLICES BY HURDLE TECHNOLOGY
57	10525	Ms. JYOTI NISHAD	VALORIZATION OF CITRUS PEELS: EXTRACTION, CHARACTERIZATION AND FUNCTIONALIZATION
SEED SCIENCE AND TECHNOLOGY			
58	10527	Ms. ARCHANA SANYAL	STUDIES ON HYBRID SEED PRODUCTION OF WHEAT (<i>Triticum aestivum</i> L.) UNDER DIFFERENT TEMPERATURE REGIMES
SOIL SCIENCE AND AGRICULTURAL CHEMISTRY			
59	9906	AMRIT LAL MEENA	LONG-TERM IMPACTS OF NUTRIENT MANAGEMENT PRACTICES ON ORGANIC CARBON POOLS, NUTRIENT DYNAMICS AND SOIL QUALITY UNDER RICE BASED ORGANIC FARMING SYSTEM
60	10198	GOBINATH R.	SYNTHESIS, CHARACTERIZATION AND USE OF Zn AND Fe NANO PARTICLES AS PLANT NUTRIENTS
61	10357	Ms. AMPEE TASUNG	CLAY HUMUS STABILITY UNDER DIFFERENT LAND USE SYSTEMS AND ITS IMPACT ON NUTRIENT AVAILABILITY IN SOILS OF SIANG DISTRICTS OF ARUNACHAL PRADESH
62	10674	RAJENDRA KUMAR YADAV	DEVELOPMENT OF STABILITY INDEX OF SOIL ORGANIC CARBON IN MAJOR SOIL GROUPS OF INDIA
WATER SCIENCE AND TECHNOLOGY			
63	10202	VIJAY KUMAR PRAJAPATI	DEVELOPMENT AND EVALUATION OF DROUGHT MONITORING INDICES