

**PROCEEDINGS OF THE 403rd MEETING OF THE ACADEMIC COUNCIL
HELD ON FEBRUARY 8, 2017 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.(Ms.) Ravinder Kaur, Director (Acting), IARI	Chairperson
2. Dr. R.K. Jain, Dean & Joint Director (Edn.), IARI	Vice-Chairman
3. Dr. J. S. Samra, Former CEO, National Rainfed Area Authority	Member
4. Dr. H.S. Gaur, Former Vice-Chancellor, SVPUA&T, Meerut	Member
5. Dr. J.P. Sharma, Joint Director (Ext.)	Member
6. Dr. Kuldeep Singh, Director, NBPGR	Member
7. Dr. V. Mahajan, Director (IIMR) (Acting)	Member
8. Dr. K.M. Manjaiah, Associate Dean, PG School	Member
9. Dr.(Ms.) Irani Mukherjee, Professor, Agricultural Chemicals	Member
10. Dr.(Ms.) Alka Singh, Professor, Agricultural Economics	Member
11. Dr. D.K. Singh, Professor, Agricultural Engineering	Member
12. Dr. R.N. Padaria, Professor, Agricultural Extension	Member
13. Dr.V.K. Sehgal, Professor, Agricultural Physics	Member
14. Dr. Seema Jaggi, Professor, Agril. Statistics	Member
15. Dr. Y.S. Shivay, Professor, Agronomy	Member
16. Dr. (Ms.) Aruna Tyagi, Professor, Biochemistry	Member
17. Dr. A.R. Rao, Professor, Bioinformatics	Member
18. Dr. Sudeep Marwaha, Professor, Computer Applications	Member
19. Dr. Subhash Chander, Professor, Entomology	Member
20. Dr. Soora Naresh Kumar, Professor, Environmental Sciences	Member
21. Dr. K.P. Singh, Professor, Floriculture and Landscaping	Member
22. Dr.O.P. Awasthi, Professor, Fruits and Hort. Tech.	Member
23. Dr. Vinod, Professor, Genetics	Member
24. Dr. Sunil Pabbi, Professor, Microbiology	Member
25. Dr. Anil Sirohi, Professor, Nematology and MOHR, PG Hostels	Member
26. Dr.(Ms.) Rekha Chaudhury, Professor, PGR	Member
27. Dr. V.K. Baranwal, Professor, Plant Pathology	Member
28. Dr. V. P. Singh, Professor, Plant Physiology	Member
29. Dr. S.K. Jha, Professor, Post Harvest Technology	Member
30. Dr. S.K. Jain, Professor, Seed Science & Technology	Member
31. Dr. R. D. Singh, Professor, SS&AC	Member
32. Dr. T.K. Behera, Professor, Vegetable Crops	Member
33. Dr. Man Singh, Professor, Water Science & Technology	Member
34. Dr. B.S. Tomar, Head, Vegetable Sciences and Faculty Representative to the Academic Council	Member
35. Dr. Bhupinder Singh, Principal Scientist, CESCRA and Faculty Representative to the Academic Council	Member
36. Ms. Usha Khemchandani, Head, Library Services	Member
37. Mr. Bhoopesh Punera, President, PGSSU	Member
38. Ms. Anu Kumari, Students' Representative to the A.C.	Member
39. Ms. Shashi Prabha Razdan, Registrar	Member

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

1. Dr. C. Ramasamy, Former Vice Chancellor, TNAU	Member
2. Dr. S.K. Datta, Former DDG(CS), ICAR	Member
3. Dr. N.S. Rathore, Deputy Director General (Edn.)	Member
4. Dr. K.V. Prabhu, Joint Director (Research)	Member
5. Dr. U.C. Sud, Director, IASRI	Member

6. Dr. P.K. Mishra, Director, IISWC, Dehradun	Member
7. Dr. K.K. Singh, Director, CIAE, Bhopal	Member
8. Dr. M.R. Dinesh, Director, IIHR	Member
9. Dr. N.K. Singh, Director (Acting), NRCPB	Member
10. Dr. R.C. Bhattacharya, Professor, MBB	Member
11. Mr. Sanchal Bilgrami, Comptroller	Member

Dr. R.K.Jain, Dean and Joint Director (Edn.) extended a formal welcome to the Chairperson, Academic Council for attending the meeting. Thereafter, Dr.(Ms.) Ravinder Kaur the Chairperson of Academic Council warmly welcomed the outside members in the Academic Council and all the members present in the meeting. She also welcomed the following new members of the Academic Council:

New members

1. Dr. H.S. Gaur, Former Vice Chancellor, Sardar Vallabh Bhai Patel University of Agricultural and Technology, Modinagar, Meerut
2. Dr. S.K. Datta, Former Deputy Director General(CS), ICAR (could not attend the meeting)
3. Dr. Soora Naresh Kumar, Professor, Environmental Sciences

Outgoing members

The Chairperson 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. V.L. Chopra, Former Member, Planning Commission, Govt. of India
2. Dr. Ajit Varma, Director General, Amity Institute of Microbial Technology
3. Dr. T.R. Sharma, Former Director, National Research Centre on Plant Biotechnology, New Delhi
4. Dr. S.D. Singh, Head and Former Professor of Environmental Sciences

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

Agenda Item No. 402.2: *Confirmation of the proceedings of the 402nd meeting of the Academic Council held on 30.11.2016*

The Chairperson called for the comments, if any, from the members of the Academic Council on the proceedings of the 402nd meeting.

402.2.1 The recommendation of BOS, Discipline of Agricultural Extension for (i) deletion of "Rural Development and Rural Management" as eligibility qualification for IARI Ph.D. entrance examination and (ii) deletion of B.Sc. and addition of B.Tech. in Agricultural Engineering/Dairy Technology and B.Sc. in Horticulture/Forestry as eligibility qualification for M.Sc. programme was approved.

402.2.2 The recommendation of BOS, Discipline of Agricultural Engineering proposing following qualification for IARI Ph.D. entrance examination for the discipline of Agricultural Engineering was approved by the Academic Council:

M.Tech./M.E. in Agricultural Engineering/Farm Power and Equipment/Soil and Water Conservation Engineering/Irrigation and Drainage Engineering/Water Resource Engineering/Agricultural Processing and Structures/Dairy Engineering/Water Science and Technology; M.Sc. in Dairy Engineering are eligible for Ph.D. in Agricultural Processing and Structures (Pre-requisite : B.Sc./B.Tech./BE in Agricultural Engineering)

402.2.3 The following amendment on marking publications in assessment criteria for assigning the charge of Professor was approved by the Academic Council:

2 marks for each research paper with NAAS rating 10.01 and above

1 marks for each research paper with NAAS rating 7.01 to 10.00

0.5 marks for each research paper with NAAS rating 5.01 to 7.00

0.25 marks for each research paper with NAAS rating less than 5

In place of

2 marks for each research paper with NAAS rating 10 and above

1 marks for each research paper with NAAS rating 6 and above

0.5 marks for each research paper with NAAS rating 5 and above

0.25 marks for each research paper with NAAS rating less than 5

Since no other comment was there, the proceedings of the previous meeting were confirmed.

Agenda Item No. 402.2: *Report on action taken on the proceedings of the 402nd meeting of the Academic Council held on 30.11.2016*

Action taken report (ATR) was presented by the Dean. On the issue of approval of the guidelines for engagement of Adjunct Faculty at IARI, Dean & Joint Director(Edn.) has apprised the Academic Council that revised notification was issued with partial modification in the office Notification of even number dated 10-01-2017 (the word in the first line of first para under the caption "REQUIREMENT" may now be read as *active/retired* in place of *active*.)

Agenda Item No. 403.3: *Recommendations of various Judging Committees for finalization of the following awards to be presented on the occasion of 55th Annual Convocation of IARI to be held on February 9, 2017*

I. XXIV HOOKER AWARD FOR THE BIENNIUM 2014-15

The Academic Council approved the recommendations of the Judging Committee under the Chairmanship of Dr. Panjab Singh, President, Foundation for Advancement of Agriculture and Rural Development, Varanasi made in its meeting held on February 1, 2017 for the award to **Dr. Gouranga Kar**, Principal Scientist, Indian Institute of Water Management, Bhubaneswar for the award of XXIV Hooker Award for the biennium 2014-15 for his outstanding research contributions in the area of "**Water Management**". The award consists of a cash prize of Rs.15,000/- with a Commendation Certificate.

II XVII SHRI HARI KRISHNA SHASTRI MEMORIAL AWARD FOR THE YEAR 2016

The Academic Council approved the recommendations of the Judging Committee constituted by the Chairperson of the Academic Council under the Chairmanship of Dr.G. Kalloo, Former Vice-Chancellor, JNKVV, Jabalpur made in its meeting held on January 27, 2017 for the award to **Dr. B.S. Dwivedi**, Head, Division of Soil Science and Agricultural Chemistry, IARI, New Delhi for award of XVII Shri Hari Krishna Shastri Memorial Award for the year 2016 for his outstanding research contribution in the field of "**Soil Science and Agricultural Chemistry**". The award consists of a cash prize of Rs.25,000/- and a Commendation Certificate.

III SIXTH RAO BAHADUR B. VISWA NATH AWARD FOR THE BIENNIUM 2014-15

The Academic Council approved the recommendations of the Judging Committee under the Chairmanship of Dr. P.L. Gautam, Vice Chancellor, Career Point University, Hamirpur made in its meeting held on January 19, 2017. No sufficient meritorious candidate was found for this award.

IV BEST TEACHER AWARD FOR THE FACULTY OF POST GRADUATE SCHOOL FOR THE YEAR 2016

The Academic Council approved the recommendations of the Judging Committee under the Chairmanship of Dr. J.S. Samra, Former CEO, National Rainfed Area Authority made in its meeting held on January 30, 2017 for the award to the following five faculty members:

1. Dr. R. R. Sharma, Principal Scientist, Discipline of Post Harvest Technology
2. Dr. T.K. Das, Principal Scientist, Discipline of Agronomy
3. Dr. Adarsh Kumar, Principal Scientist, Discipline of Agricultural Engineering
4. Dr. R.R. Burman, Senior Scientist, Discipline of Agricultural Extension
5. Dr. V.S. Raju Dantuluri, Senior Scientist, Discipline of Floriculture and Landscape Architecture

This award consists of a cash prize of Rs.10,000/- and a Commendation Certificate.

V AWARD OF "BEST STUDENT OF THE YEAR" AND "IARI MERIT MEDALS" TO THE STUDENTS OF DOCTOR OF PHILOSOPHY AND MASTER OF SCIENCE FOR THE YEAR 2016

The Academic Council approved the recommendations of the Judging Committee under the Chairmanship of Dr. K.L. Chadha, President, Horticultural Society of India for the award to following M.Sc./M.Tech. and Ph.D. students:

BEST STUDENTS OF THE YEAR 2016

Ph.D.	Ms. Hema Baliwada	10243	Agricultural Extension
M.Sc.	Ms. Priyanka Upreti	20499	Agricultural Economics

IARI MERIT MEDALS FOR THE YEAR 2016**DOCTOR OF PHILOSOPHY**

1.	Mr. Anshul Watts	9858	Molecular Biology and Biotechnology
2.	Mr. Ranjit Kumar Ellur	9975	Genetics
3.	Mr. Shiv Lal	10299	Horticulture
4.	Mr. Bappa Das	10085	Agricultural Physics
5.	Mr. Manoj Kumar	10269	Biochemistry

MASTER OF SCIENCE/MASTER OF TECHNOLOGY

1.	Ms. Priyanka Anjoy	20515	Agricultural Statistics
2.	Ms. Shaghaf Kaukab	20592	Post Harvest Technology
3.	Mr. Nitin Sharma	20588	Plant Physiology
4.	Mr. Avijit Ghosh	20601	Soil Science and Agricultural Chemistry
5.	Mr. Prem Chand Gyani	20553	Genetics

Agenda Item No.403.4 **List of candidates for the award of degree of Master of Science and Doctor of Philosophy**

In addition to the earlier list of 119 M.Sc./M.Tech. and 50 Ph.D. candidates already approved by the Academic Council in its 402nd meeting for award of their respective degrees, the supplementary list of 1 candidate for award of degree of Master of Science and 61 candidates for Doctor of Philosophy was approved by the Academic Council. (Appendix- I)

Agenda Item No.403.5 **Review of discontinuation of Split Ph.D. programme as approved in 402nd Academic Council meeting**

On the issue of the discontinuation of Split Ph.D. Programme, the Academic Council was of the opinion that it may be withheld for the time being.

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



(Shashi Prabha Razdan)
Member-Secretary



(R.K. Jain) 1/3/17
Vice Chairman



(Ravinder Kaur)
Chairperson

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 07/02/2017.

No.	ROLL NO	NAME OF THE STUDENT	Title of Thesis
<u>MASTER OF SCIENCE</u>			
AGRICULTURAL ECONOMICS			
1	20609	Ms. MASOOMA KHAWARI	SOYBEAN ECONOMY OF INDIA: THE ISSUES OF FARM PROFITABILITY, PROCESSING AND TRADE
<u>DOCTOR OF PHILOSOPHY</u>			
AGRICULTURAL CHEMICALS			
2	10064	PRITHUSAYAK MONDAL	PREPARATION OF AZOMETHINE BASED NANO-BIOCIDES AND THEIR EVALUATION AGAINST PHYTO-PATHOGENIC FUNGI AND NITRIFYING BACTERIA
3	10221	SHAILESH KUMAR JAIN	DEVELOPMENT OF NANO MATERIAL BASED CONTROLLED RELEASE FORMULATIONS OF IMIDACLOPRID AND ATRAZINE AND THEIR BIO-EFFICACY EVALUATION
4	10224	SUJAN MAJUMDER	SYNTHESIS OF FUNCTIONALISED AMPHIPHILIC POLYMERS FOR THE DEVELOPMENT OF CONTROLLED RELEASE FORMULATIONS OF MANCOZEB AND THEIR BIOEFFICACY EVALUATION
AGRICULTURAL ECONOMICS			
5	9776	PUNIT KUMAR	AN ECONOMIC ANALYSIS OF CONSUMER BEHAVIOUR AND IMPACT OF ORGANISED FOOD RETAILING
6	10233	Ms. RENJINI V R	IMPACT OF ASEAN-INDIA FREE TRADE AGREEMENT ON INDIAN AGRICULTURAL TRADE
AGRICULTURAL ENGINEERING			
7	9930	SAWANT CHETANKUMAR PRAKASH	DESIGN AND DEVELOPMENT OF PERMANENT RAISED BED SEED-CUM-FERTILIZER PLOT DRILL
8	10072	MOHAMMAD MUZAMIL	DEVELOPMENT OF COLLECTOR-CUM-CHOPPER FOR PADDY STRAW MANAGEMENT
AGRICULTURAL EXTENSION			
9	9788	SHRIDHAR S. PATIL	RISK PERCEPTION, ADOPTION AND IMPACT OF AGRO-BIOTECH CROPS
10	10248	SAJESH V K	PLURALISM IN AGRICULTURAL EXTENSION AND CONVERGENCE: AN ANALYSIS
AGRICULTURAL STATISTICS			
11	9946	KADER ALI SARKAR	EXPERIMENTAL DESIGNS FOR COMPARING TWO DISJOINT SETS OF TREATMENTS IN THE PRESENCE OF SYSTEMATIC TREND
12	9948	MRINMOY RAY	A STUDY ON TECHNOLOGY FORECASTING METHODS IN AGRICULTURE
13	10256	ACHAL LAMA	INVESTIGATIONS ON BAYESIAN MULTIVARIATE TIME-SERIES MODELS
AGRONOMY			
14	10101	AMIT KUMAR	EFFECT OF TERMINAL HEAT STRESS AND ZINC FERTILIZATION ON YIELD AND QUALITY OF WHEAT (<i>Triticum aestivum</i> L.) CULTIVARS
15	10264	Ms. SWARNA RONANKI	NITROGEN MANAGEMENT IN SOYBEAN - WHEAT CROPPING SYSTEM UNDER CONSERVATION AGRICULTURAL PRACTICES
16	10265	RAGHAVENDRA MADAR	POTASSIUM MANAGEMENT STUDIES UNDER CONSERVATION AGRICULTURE BASED MAIZE (<i>Zea mays</i> L.)-WHEAT (<i>Triticum aestivum</i> L.) CROPPING SYSTEM
17	10266	PRAVEEN JAKHAR	MOISTURE CONSERVATION PRACTICES FOR IMPROVING PRODUCTIVITY OF MAIZE - MUSTARD CROPPING SYSTEM

No.	ROLL NO	NAME OF THE STUDENT	Title of Thesis
ENVIRONMENTAL SCIENCES			
18	9827	Ms. RACHANA DUBEY	ADAPTATION OPTIONS FOR ALLEVIATING TERMINAL HEAT STRESS IN WHEAT
19	9970	RAM KISHOR FAGODIYA	CONTRIBUTION OF FERTILIZER NITROGEN USE IN INDIA TO NET GLOBAL WARMING AND ITS MITIGATION IN MAIZE-WHEAT SYSTEM
20	10121	Ms. SHWETA AMRITA LAKRA	CALIBRATING INFOCROP MODEL FOR ASSESSING CLIMATE CHANGE IMPACTS ON GREEN GRAM (<i>Vigna radiata</i> L. WILCZEK)
GENETICS			
21	9684	BISWAJIT MONDAL	QTL MAPPING FOR DROUGHT TOLERANCE IN WHEAT (<i>Triticum aestivum</i> L.)
22	10060	Ms. CHANDANA BEHERA	GENETIC ANALYSIS AND TRANSFER OF WHITE RUST RESISTANT GENE(S) THROUGH MARKER ASSISTED SELECTION IN IMPROVED INDIAN MUSTARD (<i>Brassica juncea</i>) GENOTYPES
23	10124	Ms. VINU, V.	MARKER FACILITATED DEVELOPMENT OF RESTORERS FOR DIVERSIFICATION OF CYTOSTERILITY SOURCES IN INDIAN MUSTARD [<i>Brassica juncea</i> (L) Czern and Coss]
24	10131	YASHPAL	QTL MAPPING FOR YIELD AND YIELD ATTRIBUTING TRAITS IN SOYBEAN (<i>Glycine max</i> L. MERR.)
25	10133	Ms. DEEPIKA CHERUKU	STUDIES ON INHERITANCE OF RESISTANCE AGAINST Cowpea mild mottle virus IN SOYBEAN (<i>Glycine max</i> (L.) MERRILL)
26	10284	Ms. KONSAM SARIKA	MARKER-AIDED PYRAMIDING OF Opaque2 AND Opaque16 GENES FOR ENHANCING LYSINE AND TRYPTOPHAN IN MAIZE ENDOSPERM
27	10291	DARASING RAMSING RATHOD	MAPPING QUANTITATIVE TRAIT LOCI (QTLs) FOR YIELD AND DOMESTICATION RELATED TRAITS IN SOYBEAN (<i>Glycine max</i> L. MERRILL)
HORTICULTURE			
28	9995	KAKADE VIJAYSINHA DHANASINGRAO	STUDIES ON EXPRESSION OF SEEDLESSNESS IN LEMON (<i>Citrus limon</i> (L.) BURM.) CV. KAGZI KALAN
29	9999	GOGRAJ SINGH JAT	INHERITANCE OF GYNOECY, PARTHENO-CARPY AND YIELD RELATED TRAITS IN INDIAN CUCUMBER
30	10000	SELVAKUMAR R.	GENETIC STUDIES FOR ECONOMIC TRAITS AND MOLECULAR MAPPING FOR ANTHOCYANIN CONTENT IN CARROT (<i>Daucus carota</i> L.)
31	10141	ANKIT SINGH	BIO-HARDENING AND HYBRIDITY ANALYSIS OF <i>In vitro</i> EMBRYO CULTURED MANGO (<i>Mangifera indica</i> L.) PLANTLETS
32	10144	Ms. KUMARI SHUBHA	GENETICS OF YIELD TRAITS AND INHERITANCE STUDY OF <i>Fusarium</i> WILT RESISTANCE IN GARDEN PEA (<i>Pisum sativum</i> L.)
MICROBIOLOGY			
33	9856	DUKARE AJINATH SHRIDHAR	BIOCONTROL OF <i>Fusarium udum</i> BY CHITINOLYTIC BACTERIA IN PIGEON PEA
34	10146	KRISHNASHIS DAS	Rhizobium BASED FORMULATIONS FOR BIOCONTROL OF SOIL BORNE FUNGAL PATHOGENS OF CHICKPEA
35	10307	DEVENDRA SINGH	ENHANCEMENT OF UPTAKE AND TRANSLOCATION OF MICRONUTRIENTS IN WHEAT BY USING ENDOPHYTES

No.	ROLL NO	NAME OF THE STUDENT	Title of Thesis
MOLECULAR BIOLOGY AND BIOTECHNOLOGY			
36	9712	PARAMESWARAN C	CLONING AND CHARACTERIZATION OF HEAT STRESS RESPONSIVE GENES FROM CHICKPEA (<i>Cicer arietinum</i> L.)
37	9858	ANSHUL WATTS	CLONING AND CHARACTERIZATION OF CENH3 IN Brassicaceae TOWARDS GENERATION OF HAPLOID INDUCER LINE IN <i>Brassica juncea</i>
38	9860	SHANMUGAVADIVEL P. S.	MOLECULAR MAPPING OF HEAT STRESS RESPONSIVE GENES IN RICE (<i>Oryza sativa</i> L.)
39	9861	SENTHILKUMAR, K. M.	GENE DISCOVERY AND ALLELE MINING FOR THERMOTOLERANCE IN WHEAT USING TRANSCRIPTOME ANALYSIS
40	9862	CHANDRA PRAKASH	IDENTIFICATION AND MOLECULAR MAPPING OF MOISTURE DEFICIT STRESS RESPONSIVE GENES IN RICE (<i>Oryza sativa</i> L.)
41	9863	Ms. ARCHANA WATTS	ISOLATION OF SHEATH SPECIFIC AND <i>Rhizoctonia solani</i> RESPONSIVE PROMOTER FROM RICE
NEMATOLOGY			
42	10156	MANIMARAN B	TRANSCRIPTOME ANALYSIS FOR ANHYDROBIOTIC STRESS TOLERANCE IN <i>Heterorhabditis indica</i>
43	10321	KOMMU KIRAN KUMAR	STUDIES ON THE HOST SPECIFICITY OF <i>Heterodera cajani pasteuria</i> ISOLATE GOVERNED BY HOST PLANT ROOT EXUDATES AND <i>H. cajani</i> SURFACE COAT FACTORS
PLANT GENETIC RESOURCES			
44	9874	AJIT UCHOI	GENETIC VARIABILITY AND PHYLOGENETIC RELATIONSHIP STUDIES IN INDIAN CITRUS (<i>Citrus medica</i> L.)
45	10025	SANGH CHANDRAMOHAN	GENETIC DIVERSITY AND SEED DETERIORATION STUDIES IN FRENCH BEAN (<i>Phaseolus vulgaris</i> L.) GERMPLASM
PLANT PATHOLOGY			
46	9880	ARAVINDAN S.	EFFECT OF <i>Trichoderma</i> SPECIES ON HOST PATHOGEN INTERACTION IN RICE BLAST (<i>Magnaporthe oryzae</i>) UNDER UPLAND RICE SYSTEM
47	10027	R. THAVA PRAKASA PANDIAN	CLONING OF CHITINASE GENE FROM <i>Trichoderma asperellum</i> AND ITS VALIDATION AGAINST ALTERNARIA LEAF SPOT PATHOGEN IN <i>Arabidopsis thaliana</i>
48	10028	RAGHAVENDRA B T	STUDIES ON INDUCTION OF DISEASE RESISTANCE AND SIGNALLING PATHWAY OPERATING DURING SYSTEMIC RESISTANCE AGAINST <i>Xanthomonas Campestris</i> PV. <i>Campestris</i> CAUSING BLACK ROT DISEASE IN CABBAGE
49	10029	Ms. NITIKA GUPTA	GENOME CHARACTERIZATION AND IMMUNO BASED DIAGNOSIS USING SYNTHETIC PEPTIDES OF Leek yellow stripe virus (LYSV)
50	10171	UTPAL KUMAR BHATTACHARYYA	DETERMINATION OF VARIABILITY IN BEGOMOVIRUSES ASSOCIATED WITH COTTON LEAF CURL DISEASE AND EVALUATION OF RESISTANCE IN COTTON
51	10334	P. MADHUSUDHAN	INFLUENCE OF TEMPERATURE RISE ON RICE BLAST RESISTANCE CONFERRED BY R GENE
52	10335	DAMA RAM	PHYLOGENETIC RE-EVALUATION OF <i>Curvularia</i> , <i>Bipolaris</i> and <i>Cochliobolus</i> COMPLEX AND DNA BARCODING FOR IDENTIFICATION OF <i>Curvularia</i> SPECIES
53	10337	SESHA KIRAN KOLLIPARA	INFECTIVITY OF Cucumber green mottle mosaic virus AND APPLICATION OF THE VIRAL GENOME AS A GENE SILENCING VECTOR
PLANT PHYSIOLOGY			
54	10035	Ms. DEEPIKA KUMAR UMESH	MOLECULAR ANALYSIS OF JASMONIC ACID AND POLYAMINE SYNTHESIS AND SIGNALING UNDER HEAT AND DROUGHT STRESSES IN RICE

No.	ROLL NO	NAME OF THE STUDENT	Title of Thesis
POST HARVEST TECHNOLOGY			
55	9891	Ms. PRERNA NATH	VALORIZATION OF RED CAPSICUM (<i>Capsicum annuum</i> L.) FOR DEVELOPMENT OF NUTRACEUTICAL ENRICHED PRODUCTS
56	9896	Ms. JALGAONKAR KIRTI RAMESH	DEVELOPMENT OF PEARL MILLET BASED PASTA AS A FUNCTIONAL FOOD
57	10364	PANKAJ KUMAR	EXTRUDED FINGER MILLET AS A FUNCTIONAL INGREDIENT FOR IMPROVING RHEOLOGICAL AND TEXTURAL PROPERTIES OF COMPOSITE CHAPATTI
SEED SCIENCE AND TECHNOLOGY			
58	10045	MANIMURUGAN C.	EFFECT OF PLANT DENSITY, HARVESTABLE MATURITY AND POST-HARVEST MANAGEMENT ON SEED YIELD AND QUALITY IN CARROT (<i>Daucus carota</i> L.)
59	10351	CHENNEM KIRAN KUMAR REDDY	TESTING HYBRIDITY IN TOMATO USING MORPHOLOGICAL AND MOLECULAR MARKERS
SOIL SCIENCE AND AGRICULTURAL CHEMISTRY			
60	10050	ABIR DEY	DYNAMICS OF SOIL ORGANIC CARBON AND NITROGEN UNDER CONSERVATION AGRICULTURE
61	10053	PRASENJIT RAY	DYNAMICS OF HEAVY METALS AND THEIR IMMOBILIZATION IN ZINC SMELTER EFFLUENT CONTAMINATED SOILS
62	10195	Ms. SONALIKA SAHOO	EFFECT OF NANOCLAY POLYMER COMPOSITES LOADED WITH UREA AND NEEM OIL ON NITROGEN USE EFFICIENCY AND SOIL MINERAL NITROGEN DYNAMICS