

## Selection of abstract for oral/poster presentation

Dear Delegates

Find below the list of abstracts selected for oral presentation in four parallel sessions and poster sessions. As there is only limited time available for parallel sessions to make oral presentations, differentiation of abstracts for oral and poster presentation does not reflect on quality or quantity of the work. Both oral and poster presentations will be given equal weightage while considering for any award. Selection will be based on the work done – not based on oral or poster presentation.

Also, as mentioned before students (UG, PG), research scholars (completed PG), scientists (completed PhD) will be evaluated separately.

Oral presentation: 15 minutes including question and answers

Poster: 3 feet width and 4 feet height.

Looking forward to welcoming you

Chair

IPSC2019

<b>Abstracts Selected for Oral Presentation</b>			
<b>S.No</b>	<b>Reg.No</b>	<b>Name</b>	<b>Title</b>
1	ipsc191013	Durga Madhab Swain	Concurrent overexpression of rice G-protein subunits provide multiple stress tolerance in rice
2	ipsc191022	Bedabrata Saha	Overexpression of AtALMT1 confers aluminum tolerance in transgenic blackgram
3	ipsc191041	Anurag Kumar Sahu	Rapid system for identification of viral suppressor and host cellular targets of $\beta$ C1proteins of Chilli leaf curl virus
4	ipsc191056	M. Jayanthi	Biotechnological approaches for induction of Nematode Resistance in crop plants – a review with case studies
5	ipsc191057	Spurthi N. Nayak	Bulked segregant RNA-sequencing (BSR-seq): a novel approach to dissect heat tolerance in Groundnut ( <i>Arachis hypogaea</i> L.)
6	ipsc191112	Deepa Jaganathan	Developing salt tolerant rice varieties using CRISPR/Cas9 based genome editing approach
7	ipsc191184	E.M. Muralidharan	In vitro regeneration of a rare and threatened endemic aquatic plant <i>Lagenandra keralensis</i>
8	ipsc191196	Jebi Sudan	dd-RAD based identification of inter-genepool SNPs and association analysis in <i>Brassica juncea</i>
9	ipsc191218	Biju VC	High quality draft genome of Arogyapcha ( <i>Trichopus zeylanicus</i> ), an important medicinal plant endemic to Western Ghats of India
10	ipsc191226	Ganesan Markkandan	Overexpression of phytochrome A in grass plants : A photobiotechnology based method for crop improvement

11	ipsc191231	Revathi.P	Restorer Improvement - genetic male sterility facilitated recurrent selection for developing multiple stress resistance lines
12	ipsc191234	Sudhanshu Sekhar	Genetic mapping to identify QTLs associated with panicle compactness and grain filling in rice
13	ipsc191250	Baiakmenlang Manners	Genetic structure analysis of population of <i>Myrica esculenta</i> found in Meghalaya.
14	ipsc191277	Sathish Kumar.R	Plant Based Biologics to Tackle Staphylococcal Food Poisoning
15	ipsc191282	S. Poovitha	Protein extracts from the fruits of <i>Momordica charantia</i> var. <i>charantia</i> and <i>M. charantia</i> var. <i>muricata</i> show anti-lipidemic and antioxidant properties in diabetic rats
16	ipsc191295	Mayank Rai	Understanding and deploying rice blast resistance in North Eastern Hill Region of India
17	ipsc191316	V Vasudevan	Overexpression of the CHSP gene, improves salt tolerance in transgenic watermelon ( <i>Citrullus lanatus</i> L.)
18	ipsc191317	P. Rajendra Kumar	Genic microsatellite marker associated with brown midrib trait conferred by <i>bmr12</i> gene in sorghum useful in marker-assisted gene pyramiding
19	ipsc191318	K.N. Yamini	Development of gall midge and bacterial blight resistant rice lines through molecular marker-assisted breeding
20	ipsc195013	Avinash Kaur Nagpal	Electronic databases of plant diversity
21	ipsc195022	Sribash Roy	Genome-wide DNA Methylation Patterns of Indian <i>Arabidopsis thaliana</i> Populations Originated from Altitudinal Gradient

### Abstracts Selected for Poster Presentation

S.No	Reg.No	Name	Title
1	ipsc191001	RAJA J	Induction of systemic resistance in rice plants by mixtures of <i>Ipomoea</i> leaf extract, <i>Pseudomonas</i> strains and sheep urine against <i>Sarocladium oryzae</i>
2	ipsc191002	Yash Paul	Traditional phyto-remedies for the treatment of prolapsed uterus disorder in the hilly tehsils (Billawar & Bani) of district Kathua, J&K, India.
3	ipsc191006	Dr. TOUSEEF HUSSAIN	Biocontrol of dry rot of potato seed tubers caused by <i>Fusarium</i> sp. by using novel biosurfactant bacteria <i>Bacillus firmus</i> HussainT-AMU: Lab.66 producing cyclic lipopeptides
4	ipsc191007	AVEEK SAMANTA	Towards establishment of plant based bioassay system for screening of anti-cancerous lead molecules
5	ipsc191008	Dr.P.Thirunavukkarasu	The anti-proliferative and apoptotic effects of mangrove plant isolated Berberine compound on AGS Gastric cancer cell
6	ipsc191009	TILAK RAJ MAITY	Impact of Light Emitting Diodes (LEDs) on in vitro growth and development of some commercially important plants
7	ipsc191011	Archana Rajendran	Recommending suitable candidate genes for engineering abiotic stress tolerance in crop plants
8	ipsc191014	Niren Majumdar	Effect of inoculum density of <i>Aspergillus niger</i> on quality of acid lime ( <i>Citrus aurantifolia</i> ) during storage
9	ipsc191019	T Sekar	Biotechnology approaches on Conservation of Medicinal Plants
10	ipsc191021	Shazia Bi Ansari	Assessment of yield attributing traits in fenugreek by induced mutation
11	ipsc191025	PAVANKUMAR KANCHARLA	Diversity in Oil and Lignan content in different <i>Sesamum indicum</i> accessions grown in India

12	ipsc191026	G.Jeya Jothi	Thin layer chromatography-Bioautography of antioxidant and antimicrobial activities of <i>Clitoria ternatea</i> L. against human urinary tract (UT) microbiota
13	ipsc191027	Mudasiru Opeyemi Muideen	COMPARATIVE WOOD ANATOMY OF NIGERIAN TERMINALIA SPECIES (COMBRETACEAE) AND THEIR TAXONOMIC IMPLICATION
14	ipsc191028	MUDASSIR AHMAD BHAT	Taxonomic demarcation of <i>Bromus catharticus</i> Vahl and <i>Bromus inermis</i> Leyss. (Pooideae, Poaceae) from their foliar phytolith signatures.
15	ipsc191029	Ishani Chakrabartty	Physico – rheological characterization of organically derived seed samples from <i>Alpinia nigra</i>
16	ipsc191030	MEENAKSHI V	Attitude of rice farmers towards indigenous traditional knowledge practices (ITKS)
17	ipsc191031	PARTHASARATHI, T	Investigation of partial root-zone irrigation on rice ( <i>Oryza sativa</i> L.)
18	ipsc191032	Reshmi Das	Stress evaluation in non-edible oil crops – anatomical, physiological and phytochemical approach
19	ipsc191033	PRASANTA KUMAR MAJHI	Development of high yielding and mungbean yellow mosaic virus (MYMV) tolerant genotypes in green gram [ <i>Vigna radiata</i> (L.) Wilczek]
20	ipsc191034	Rajesh E	PHYTOCHEMICAL ANALYSIS AND CHROMATOGRAPHIC TECHNIQUES OF VITEX ALTISSIMA LEAVES
21	ipsc191035	S Manikandan	Biodiversity inventory of trees in Permanent plot of Pachaimalai Hills, Southern Eastern Ghats, Tamil Nadu, India
22	ipsc191036	Laishram Bidyaleima Devi	Assessment of genetic diversity of <i>Curcuma</i> species of Manipur by cytological and molecular parameters
23	ipsc191038	J.Delphine JayaMary	THE VITAL ROLES OF A SINGLE BIOPRODUCT IN DUAL FIELDS (BIOMEDICAL SCIENCE AND ENVIRONMENTAL SCIENCE)
24	ipsc191040	Priya G	MOLECULAR VALIDATION OF SALACIA SPECIES USING RAPD – PCR
25	ipsc191042	Radha krishnan Kesavan	Functional properties, bioactive compounds, and in vitro digestion study of dried fruit pomace powders as functional food ingredients
26	ipsc191046	Karthik S	Production of eco-friendly soybean by transgenic approach
27	ipsc191047	Jaiganesh V	Effect of spraying Plant activator at different crop growth stages on sheath rot of rice
28	ipsc191049	Javed Ahmad Magrey	Evaluation of Anti-inflammatory Activity of <i>Euphorbia helioscopia</i> plant using in –vitro techniques
29	ipsc191050	K.Preeti	Validating the Radical Scavenging properties of medicinal plants found in Women’s Christian College.
30	ipsc191051	Eradasappa E	Development of integrated molecular map and identification of stable QTLs for traits related to water use efficiency and pod yield in groundnut
31	ipsc191052	M.K.Ramkumar	NGS based TILLING of leaf Senescence genes in Stay-green Mutants of Upland Rice cv. Nagina22
32	ipsc191053	Pandian S	Gene discovery and marker development using genomic resources and its applications in analysis of population structure and genetic diversity in finger millet
33	ipsc191054	Thiyagarajan T	Developing multiple stress tolerant version of CO 51 through genomics assisted breeding
34	ipsc191055	Gowtham R.C	A STUDY OF RETENTION AND SUSTAINABLE RELEASE OF NANOENCAPSULATED TERMINALIA CHEBULA COMPOUNDS FROM MOUTH WASH AGAINST ORAL PATHOGEN
35	ipsc191058	Anusheela	TILLING by sequencing to identify the induced mutants in branching genes of mung bean ( <i>Vigna radiata</i> )
36	ipsc191063	P shiny arokiamary	Indirect organogenesis from hypocotyl and transverse thin cell layer derived callus cultures of <i>Couroupita guianensis</i> Abul.

37	ipsc191065	Kaarthik Muthukumar	In vitro culture of Kodo millet: Influence of Cytokinins in direct shoot regeneration of Kodo millet genotype Co3 and genetic fidelity analysis using ISSR markers
38	ipsc191066	G ATUL BABU	Influence of Additives on Enhanced <i>In vitro</i> Shoot Multiplication of <i>Eleusine coracana</i> (L.) Gaertn.
39	ipsc191067	Alka kumari Mishra	Microbial production of PHA utilizing agro-industrial waste
40	ipsc191068	Pavithra M K S	Phytochemical and pharmacological evaluation of <i>Evolvulus alsinoides</i> (Linn.) Linn.
41	ipsc191071	Jonardan Hazarika	Role of Neo-Vaishnavism (Ek Saran Naam Dharma) movement in conservation of plant species in Assam.
42	ipsc191072	Rafik U. Shaikh	Cyclooxygenase targeted anti-inflammatory and anti-proliferative profile of Labdane Diterpenoids of <i>Andrographis paniculata</i> : an in vitro and in silico approach
43	ipsc191073	Abhijeet Roy	A GENOME WIDE COMPARATIVE STUDY OF CAZYMES DISTRIBUTION IN SOIL BORNE PATHOGENS AFFECTING CHICKPEA
44	ipsc191074	BARSHA KALITA	A rational approach for rapid total DNA extraction protocol in plant seeds: an attempt in the forefront
45	ipsc191075	Sandhya Rani	Green synthesis of gold nanoparticles from the tuber extract of <i>Dioscorea pentaphylla</i> and anti microbial assay
46	ipsc191077	Mohd Altaf Khan	Effect of Climatic Conditions and Floristic Diversity on <i>Apis melifera</i> Foraging Honey production in Kashmir Himalayas.
47	ipsc191079	Nasrin Banu.T.M	Growth Retardation in Chilli( <i>Capsicum annum</i> L.)and Tomato( <i>Solanum lycopersicum</i> ) through <i>Wrightia tinctoria</i> and <i>Oryza sativa</i> .
48	ipsc191080	Abhishek Bhandawat	In silico identification and characterization of amyloplast transporters in Indian bread wheat variety, 'C 306'
49	ipsc191082	Ankita Mishra	Identification of QTLs regulating high amylose starch in bread wheat
50	ipsc191083	Vinita Sharma	Identification of non-synonymous mutations in GBSSI and SBEII isoforms and their functional characterization in high and low amylose wheat mutants
51	ipsc191084	AISWARYA JAYAPRAKASH	Network Analysis to understand the host behavior in resistant and susceptible Peanut cultivar during <i>Aspergillus flavus</i> infection.
52	ipsc191085	Debarchana jena	Introgression of fertility restorer genes, Rf3 and Rf4 into well combiner partial restorer Mahalaxmi
53	ipsc191093	Dhivya Selvaraj	Developing PCR-RFLP and SNP based markers for determining cytoplasmic male sterile factors in <i>Musa Sp.</i> (Musaceae)
54	ipsc191094	Evangelene Christy.S.M	Isolation, cloning and in silico analysis of a putative constitutive plant promoter from <i>Coleus aromaticus</i> Benth.
55	ipsc191096	Rathinapriya Periyasamy	Synergistic effects of Liquid seaweed extracts on improving the biochemical and agronomic characteristics of foxtail millet ( <i>Setaria italica</i> L.).
56	ipsc191098	Raja Rajeswary Thanmalagan	A Study to identify the drought responsive gene: Applying systems biological approach
57	ipsc191103	M. Ram Kumar	Metabolic Regulation of Fatty Acids Biosynthesis in <i>Arabidopsis thaliana</i> using $\Delta 6Des$ gene from <i>Isochrysis</i> sp CASA CC101
58	ipsc191106	Muthusamy Muthupandi	Correlation between different wood property traits related to paper and pulp quality in <i>Eucalyptus</i> mapping population
59	ipsc191107	A Muneera Parveen	High Resolution Melting Analysis for validation of variants predicted from exome sequencing in <i>Eucalyptus</i>
60	ipsc191108	Sadia Iqrar	Validation of expression of miRNA targeting genes of sulphur assimilation pathway in <i>Brassica juncea</i>
61	ipsc191109	Kudsiya Ashrafi	miRNA interference : A plausible strategy to manipulate steviol glycosides biosynthetic pathway to enhance Rebaudioside-A

62	ipsc191110	Rekha J	Association of a foliar blight pathogen <i>Pestalotiopsis guepinii</i> (Desm.) Steyaert with Indian Sandalwood ( <i>Santalum album</i> L.) – a new record
63	ipsc191113	Kumkum Kumari	Assessment of aromatic rice gene, BADH2 in landraces from Eastern and North-Eastern India
64	ipsc191115	AR Sakthi	Analysis of teak genome - characterization of terpene synthase (TPS) genes contributing to wood quality
65	ipsc191116	Javeed Iqbal Wagay	Traditional Knowledge of Medicinal Plants as a Health care Remedy in North Kashmir India
66	ipsc191118	Sivanantham Amrutha	Inter-specific variation in morpho-physiological, biochemical and molecular parameters during progressive water stress in Eucalyptus clones
67	ipsc191119	P. Maheswari	Characterization of Chloroplast Genome in Myrtaceae with particular reference to Eucalyptus
68	ipsc191123	Mahima K	Molecular and phyto-chemical profiling discriminates the species complex in selected endemic South Indian <i>Ficus</i> genus
69	ipsc191126	Safia. N	Metabolic Engineering of the phenylpropanoid pathway using Bacterial Tyrosine Ammonia Lyase and Soybean Isoflavone Synthase for biofortification of Flavonoids
70	ipsc191127	Abhinav Chatterjee	ITS2 barcode-authentication of an Ayurvedic drug “Gokshura” ( <i>Tribulus terrestris</i> L.) from India
71	ipsc191130	Meenakshi Raina	Functional marker assisted selection for semi dwarf and bacterial blight resistant genes in traditional basmati of Jammu region
72	ipsc191131	Shalini Pulipati	Comparative analysis of the sodium transporter gene HKT1;5 across cultivated and wild rice <i>Oryza</i> species
73	ipsc191134	D. Simadri	Production and partial characterization of Chitinase and Glucanase produced by riboflavin overproducer <i>Eremothecium ashbyii</i>
74	ipsc191135	Senthilkumar Umapathy	Prediction of suitable habitats for the cultivation of ‘wild Potato’ ( <i>Solanum chacoense</i> Bitt.) in Peninsular India using Ecological niche modeling (ENM)
75	ipsc191138	Suresh	Performance Analysis of Hyperparameters in Convolutional Neural Networks for Grape Disease classification
76	ipsc191139	Bharathi A	Towards developing heat tolerant genotypes in rice
77	ipsc191142	Parthsinh Rahevar	Morphological, biochemical & molecular characterization for diversity analysis in capsicum annum
78	ipsc191144	ANBARASU M	Optimizing plant population arrangement and fertigation level for hybrid castor under drip irrigation system
79	ipsc191151	Sowmya TN	Antibacterial Evaluation and Time kill curve of <i>Terminalia catappa</i> and <i>Nigella sativa</i> on human pathogenic clinical isolates.
80	ipsc191153	Jaisemon Simon	Distribution and ecology of the <i>Selaginella</i> P.Beauv. (Family: Selaginellaceae) in South India
81	ipsc191155	Praveen Khatri	Understanding aquaporin transport system using genomics and transcriptomics approaches in bottle gourd ( <i>Lagenaria siceraria</i> )
82	ipsc191158	Gokulan D	In vitro shoot regeneration of <i>Musa</i> cv. Karpuravalli (ABB) using shoot tip cultures
83	ipsc191159	P. Roopa Sowjanya	Estimates of combining ability in maize ( <i>Zea mays</i> L.) for grain yield and its attributing traits
84	ipsc191160	Gazala Parveen	Combining ability of tropical maize inbreds for anthesis-silking interval and grain yield in natural heat stress conditions
85	ipsc191161	Tej Ganapathy Mandira	Pilot studies on the Antiangiogenic efficacy of bioactive molecule Bergenin.
86	ipsc191162	Avinash K O	In silico screening of phytochemicals against neuroinflammation targeting cPLA2 in comparison with standard inhibitor
87	ipsc191164	Kavyashri V V	Induction of systemic defence in Chilli against Cucumber Mosaic Virus (CMV) under the activity of defence inducers

88	ipsc191166	Soneya	Biofabrication of silver nanoparticles using leaf extract of <i>Rhynchosia beddomei</i> Baker : Spectral characterization and their biological activities
89	ipsc191168	Chandana B R	Identification of submergence tolerance rice genotypes using trait specific markers
90	ipsc191169	Ramachandran Shobhana Neethu	Phytochemical response to geographical location and cultivation: Case studies on <i>Rauvolfia serpentina</i> (L.) Benth. ex Kurz and <i>Sida alnifolia</i> L.
91	ipsc191170	Shanthinie Ashokkumar	CRISPR/Cas9 mediated genome editing for enhancing aroma in rice
92	ipsc191171	Mahesh Biradar	Genetic variability and per se performance of new inbred lines in Maize ( <i>Zea Mays</i> L.)
93	ipsc191172	Shana C	Morphological Markers of Cyperaceae (Sedges) and its Systematic Significance
94	ipsc191173	K.M. Shifa Sanofer Khair	CANNABIDIOL - PHARMACEUTICAL INDUSTRY'S TREASURE TROVE
95	ipsc191174	Smruthi R	CANNABIDIOL - PHARMACEUTICAL INDUSTRY'S TREASURE TROVE
96	ipsc191175	S. Pavithra	Principal component analysis to delineate genetic variation in little millet
97	ipsc191176	ARUN CHACKO	Eberhart and Russell approach of Genotype-Environment interaction for yield and quality traits in forage legume-Hedge lucerne ( <i>Desmanthus virgatus</i> (L.) Willd.)
98	ipsc191178	SHAHIBA A M	Genetic variability and correlation in different red amaranthus ( <i>Amaranthus tricolor</i> L.) under water stressed conditions.
99	ipsc191179	Upasana Mohapatra	Effect of pollen selection for heat tolerance in a pollen population on the progeny performance in maize ( <i>Zea mays</i> L.)
100	ipsc191180	Vijayalakshmi G	Role of biotic inducers on modulation of physiological process of PRSV infected papaya ( <i>Carica papaya</i> L.)
101	ipsc191181	BALARAJU SUSMITHA	Choice of desirable indices for effective discrimination and selection of terminal drought stress tolerant dolichos bean ( <i>Lablab purpureus</i> L. Sweet) genotypes
102	ipsc191185	Sunitha N C	Effect of male sterility inducing cytoplasm on combining ability for seed yield and its component traits in sunflower ( <i>Helianthus annuus</i> L.)
103	ipsc191186	U Venugopal	Trichome diversity in cultivated cucurbits
104	ipsc191187	JYOTI PRABHULINGA JIRANKALI	Variability, heritability and genetic advance studies in Brinjal ( <i>Solanum melongena</i> L.) for fruit yield and quality
105	ipsc191188	Spoorthi V	Analysis of variance for seed yield and component traits among parents and experimental hybrids in sunflower ( <i>Helianthus annuus</i> L.).
106	ipsc191190	CHINNAPA REDDY ALLAM	Combining Ability Studies of Different agronomic and yield components in Hybrid Rice ( <i>Oryza sativa</i> L.)
107	ipsc191191	MANOHARA S N	Identification of fertility restorers among new inbred lines in Sunflower ( <i>Helianthus annuus</i> L.)
108	ipsc191192	Prashant Vasisth	Analysis of variance for seed yield and component traits among parents and experimental hybrids in sunflower ( <i>Helianthus annuus</i> L.).
109	ipsc191193	Basanagouda Gonal	GENETICS OF FRUIT AND SEED TRAITS IN INTER-SPECIES CROSS OF CHILLI
110	ipsc191197	Divya M	CANNABIDIOL - PHARMACEUTICAL INDUSTRY'S TREASURE TROVE
111	ipsc191198	Sadokpam Shreekant	Anti-bacterial susceptibility assessment of microemulsion formulation of labdane from <i>Alpinia nigra</i>
112	ipsc191199	MURTUJASAB SOPISAB	CHARACTERIZATION OF PIGEONPEA ( <i>Cajanus cajan</i> L. Millsp.) GERMPLASM FOR YIELD, ITS COMPONENT TRAITS AND REACTION TO STERILITY MOSAIC VIRUS
113	ipsc191201	Vidya R Sankar	Methyl paraben, a novel bio-control agent against endophytic contamination in bamboo tissue culture
114	IPSC191202	KIRANKUMAR ROTTI	Genetics of powdery mildew disease resistance and productivity per se traits in blackgram [ <i>Vigna mungo</i> (L.) Hepper]

115	ipsc191204	RAVI DANDAGIHALLI	Suitability of lam chilli ( <i>Capsicum annum L.</i> ) lines for different dates of sowing in Bengaluru region
116	ipsc191205	Ganesh Prasad	Marker Trait Association at Resistant Gene Homologue loci in Indian mustard ( <i>Brassica juncea (L.) Czern and Coss.</i> )
117	ipsc191208	Rakshana P	CRISPR/Cas9 mediated genome editing for enhancing aroma in rice
118	ipsc191210	Tanvi Raut Dessai	Study of physiological and biochemical variations in Pea and Okra seedlings grown in soil and in hydroponics.
119	ipsc191211	Richa Komarpant	Study of physiological and biochemical variations in Pea and Okra seedlings grown in soil and in hydroponics.
120	ipsc191216	Muthukumaran	Studies on bio physical factors of resistance in okra accessions as Influenced by inorganic nutrients against Whitefly <i>Bemisia tabaci (Genn.) (Hemiptera: Aleyrodidae)</i>
121	ipsc191217	Alex Sonowal	Ethnomedicinal knowledge of tribal people residing in Lakhra Region of Kamrup, Assam
122	ipsc191221	Gouri P.R	Identification of conserved and novel microRNAs involved in asiaticoside biosynthesis in <i>Centella asiatica (L.) Urb.</i>
123	ipsc191222	Jennis Simoes	Study of physiological and biochemical variations in Pea and Okra seedlings grown in soil and in hydroponics.
124	ipsc191223	Pruthvi Balachandra Kalyandurg	TGB1-mediated cell-to-cell movement of Potato mop-top virus (PMTV) requires class-VIII myosins
125	ipsc191224	Kalyana Sundaram	<i>Streptomyces</i> as a promising biocontrol agent against phytopathogenic fungi
126	ipsc191227	Sathish Sundararajan	Enhanced $\alpha$ -Tocopherol (Vitamin E) levels in transgenic rice co-expressing <i>Arabidopsis thaliana</i> TC and HPT genes
127	ipsc191229	Pushpa R N	Epidemiology and Transmission efficiency of Papaya Ringspot Virus (PRSV) by major aphid vectors in Papaya ( <i>Carica papaya L.</i> )
128	ipsc191230	Pravin Kumar K	In-vitro hydroponic studies on Traditional Rice Landraces for drought stress tolerance
129	ipsc191235	Nithaniyal Stalin	Molecular diagnostic approach to identify poisonous plants of India using DNA barcoding, phylogenetic analysis, and mapping of toxic compounds
130	ipsc191236	Anuma Singh	UV-Visible absorption and fluorescence spectra of Karanjin in different solvents and solvent mixture
131	ipsc191238	Atithi Debnath	Effect of arbuscular mycorrhiza on growth and biochemical properties of <i>Aegle marmelos L.</i> seedlings
132	ipsc191239	Zishan Ahmad	In vitro propagation and enhancement of 2-hydroxy-4-methoxybenzaldehyde (2H4MB) in root tuber derived callus of <i>Decalepis arayalpathra</i> - an IUCN Red listed threatened species
133	ipsc191240	GANESH SARAVANAN	Macro Mycos Production Recycling of Spent Mushroom Substrate
134	ipsc191243	Tanuja	Biochemical Characterization of Plant Growth Promoting Rhizobacteria (PGPR) Isolation from Agricultural fields
135	ipsc191244	Kannan C	Efficacy of seaweed extracts against Fusarial Wilt of Tomato caused by <i>Fusarium oxysporum f.sp. lycopersici.</i> (Sacc.)
136	ipsc191245	Swetha Suryakumar	Understanding the role of INVINH Protein in regulation of sucrose accumulation in Sugarcane
137	ipsc191246	Elangovan A	Genome-wide analysis of protein tyrosine kinase (PTK) gene family and its role in abiotic stress response of rice
138	ipsc191247	KANIMOLI MATHIVATHANA M	Development of genomic SSR markers in mungbean
139	ipsc191248	SRIKANTH S N	Identification of genomic regions/markers for heat tolerance in groundnut ( <i>Arachis hypogaea L.</i> )
140	ipsc191249	Dr.Sanjeev Kumar	High-throughput small RNA sequencing reveals differentially expressed microRNAs in response to MYMIV infection in cowpea

141	ipsc191251	Mahendrakumar M	Pesticidal activity of <i>Hypericum hookerianum</i> (Wight & Arn.) extracts against an important agricultural field pest, The armyworm, <i>Spodoptera litura</i> (Fab.)
142	ipsc191252	Shanmugam A	Genetic analysis of elite rice breeding lines for allelic status of agronomically important genes and combining ability
143	ipsc191253	Sandip Ghosh	Development of high pigment and low citrinin content strain from mutants of <i>Monascus purpureus</i> by genome shuffling
144	ipsc191256	Smitha Bashi	ROLE OF HORMONES AND INFLORESCENCE ARCHITECTURAL GENES IN INDUCING SPIKE BRANCHING TRAIT IN BLACK PEPPER ( <i>Piper nigrum</i> L.)
145	ipsc191257	Dr. N. Bakthavatsalam	PLANT VOLATILES IN INSECT PEST MANAGEMENT
146	ipsc191259	Vineeta Singh	Enhancing stigma exertion trait in rice CMS through DH approach
147	ipsc191260	Patel Alpesh B.	VARIABILITY AND ASSOCIATION STUDY FOR YIELD AND PROCESSING TRAITS IN POTATO ( <i>Solanum tuberosum</i> L.)
148	ipsc191261	Manish (Iatha Rangan)	3,5-dihydroxy-4',7-dimethoxyflavone: structural characterization, enzyme kinetics, and in-silico approach against melanogenic activity
149	ipsc191262	Sanjana SenthilKumar	Effect of extraction solvent system on the native structure of the plant metabolites: A study on para- coumaric acid from <i>Mesua ferrea</i>
150	ipsc191263	Swathik Clarancia	Isolation and characterization of drought responsive NFYB2 gene from <i>Erianthus arundinaceus</i>
151	ipsc191264	Valarmathi R	Drought adaptive root anatomical phenes in sugarcane germplasm: Targets for crop improvement
152	ipsc191269	Logeswari	Efficacy of Folia 52.5 SE against <i>Rhizoctonia solani</i> , an incitant of Sheath blight of Rice
153	ipsc191270	Dr. L. Darwin Christdhas Henry	Effect of Oyster Mushroom supplemented diets on the Albumin, Globulin and Total Proteins in experimental Animal (Male albino Wistar rats)
154	ipsc191275	Jenavio Maria Amirtham P	Mycoremediation Potential of <i>Pleurotus ostreatus</i> Against Pesticides And Biosynthesis of Silver Nanoparticle
155	ipsc191279	S. Sivakumar	Role of silver nitrate on in vitro callus induction and regeneration capacities of <i>Canscora decussata</i> - a critically endangered medicinal plant
156	ipsc191280	Sathish Gopalraj	Effect of Fertigation on HPLC Chromatogram of Capsanthin content in Paprika( <i>Capsicum annum</i> var. L.) Cv. KtPI-19
157	ipsc191283	Rahul G. Shelke (Latha Rangan)	Identification and characterization of genic repeat elements from <i>Pongamia pinnata</i> for genetic diversity analysis
158	ipsc191287	NIRMALARUBAN R	Antioxidant property of Palmyra palm ( <i>Borassus flabellifer</i> ) crunchy kernel– A potential Nutraceutical Food
159	ipsc191288	Elizabeth Jose	High phenyl propanoid glycosides from in vitro cultures of <i>Artanema sesamoides</i> Benth
160	ipsc191289	C Gopalakrishnan	Histopathology of coconut nut rot disease caused by <i>Lasiodiplodia theobromae</i>
161	ipsc191291	Kajal	VIGS for functional validation of PAP2 gene in Bacterial wilt resistance in Potato
162	ipsc191292	Bagyalakshmi K.R	Characterization & Evaluation of Various Phytoconstituents in Combined Medicinal Plant Extracts towards the Resistant Bacterial Strains
163	ipsc191293	Arif Mohammad Khan	An Ethno-botanical study of Gulmarg Biosphere Reserve in Baramulla District Jammu And Kashmir.
164	ipsc191294	Kavitha S	Characterization and Biological Evaluation of Natural Gums <i>Prunus amygdalus</i> gum and <i>Moringa oleifera</i> gum for the application of Fruit coating
165	ipsc191296	Karthika.J	Phytochemical extraction, characterization and purification of combined medicinal plants towards the resistant strains of bacteria
166	ipsc191297	ARIHARASUTHARSAN G	Effects of gamma radiation on photosynthetic pigments in Sesame
167	ipsc191298	Bindu J	"Effect of different tea leaves on the growth of Fenugreek plant model"



168	ipsc191302	Ananth Vikranth S	SILVER NANOPARTICLE SYNTHESIS OF <i>Olea europaea</i> (FRUIT) EXTRACT AND ITS CHARACTERIZATION
169	ipsc191303	Gayathri	Characterization & Evaluation of Various Phytoconstituents in Combined Medicinal Plant Extracts towards the Resistant Bacterial Strains
170	ipsc191304	Neha Salaria	CDF1.2 is candidate gene for enhancing earliness in potato cultivars
171	ipsc191305	Yuvarani.S	Combination of <i>Azadirachta indica</i> and <i>Phyllanthus acidus</i> towards its Antibacterial Drug Discovery and A complete evaluation and characterization study.
172	ipsc191306	M.Shalini	Phytochemical Screening and GC-MS analysis of <i>Epiphyllum oxypetalum</i> flower extracts
173	ipsc191307	Hemasudha.T.S	Combination of <i>Azadirachta indica</i> and <i>Phyllanthus acidus</i> towards its Antibacterial Drug Discovery and A complete evaluation and characterization study.
174	ipsc191308	Neethu Francis	Molecular diagnostics in Rice ( <i>Oryza sativa</i> L.) cultivars for plant varietal identification and protection
175	ipsc191309	Khanchana K	Influence of different pruning months on growth and flowering of <i>Jasminum</i> sp.
176	ipsc191312	Tariq Amir Najar	Hepatoprotective role of some indigenous herbal plants
177	ipsc191313	Vishnupriya Srinivasan	SCOPE FOR SSR MARKERS ON VARIETAL IDENTIFICATION IN RICE ( <i>Oryza sativa</i> L.)
178	ipsc191315	MARIYAPPAN SB	Selection for hard endosperm, tryptophan content and yield contributing traits in F 3:4 QPM families
179	ipsc191319	Debojyoti Moulicka	Restriction in As translocation and micronutrient fortification determines Se mediated amelioration of As phytotoxicity in transplanted rice seedlings.
180	ipsc191321	JEYASHRI.M	Isolation and characterization of yeast from phyllosphere of rice through Foldscope – frugal microscope
181	ipsc191322	Jyoti Prasad Kakati	An improved and efficient protocol for transformation of scented rice of Northeast India
182	ipsc191325	S.Sathish	<i>Agrobacterium rhizogenes</i> mediated hairy root culture system for L-dopa production from <i>Hybanthus enneapermus</i> (L.) F. Muell
183	ipsc191328	Joha Adams	Phytochemical analysis of <i>Corypha utan</i> Lam. - An unnoticed Talipot palm from Tamil Nadu
184	ipsc195004	Gopinath	Stable integration of hygromycin resistance and $\beta$ -glucuronidase genes into <i>Rhizoctonia solani</i> by <i>Agrobacterium tumefaciens</i> mediated transformation
185	ipsc195008	Vishal Jamuni	Phytochemical analysis, total phenolic and flavonoid content in medicinally important herbs
186	ipsc195009	Cordilea Hannah	Camptothecin, an anti-cancer metabolite profiling in different ecotypes of <i>Nothapodytes nimmoniana</i> (J. Graham) Mabb. from Western Ghats using HPLC analysis
187	ipsc195012	Jatinder Kaur Katnoria	Antimutagenic and antitumor activities of pollen grains of some trees and shrubs
188	ipsc195014	Arun Kumar D	Exploring and evaluation of Phyllosphere bacteria on rice drought varieties isolated from Paramakudi region for drought mitigation in rice.
189	ipsc195015	Amritha Nagendraprasad	Detecting adulteration in raw drugs of <i>Ashwagandha</i> ( <i>Withania somnifera</i> ) by DNA Barcoding
190	ipsc195016	Priyamvada	Response Time Analysis Of Electrical Signals Generated By Plant <i>Mimosa pudica</i> Over Different Health Conditions
191	ipsc195017	Venkataprasad	DNA barcoding of exotic plants native to America
192	ipsc195018	Steffi Avarave	Development of tea plant reference DNA Barcode library (TPRDBL) for the authentication of commercial products

193	ipsc195020	Dr.A.Karthikeyan	Evaluation of mungbean ( <i>Vigna radiata</i> ) genotypes for resistance to mungbean yellow mosaic virus (MYMV)
194	ipsc195021	Adil Lateef	RNA Sequencing, De novo assembly and analysis of <i>Acalypha indica</i> L. leaf transcriptome by Next Generation Sequencing
195	ipsc195023	Hemalatha	SEED PRIMING WITH NITRIC OXIDE MITIGATES SALINE-SODIC STRESS BY REGULATING LEVELS OF OSMOLYTE AND ANTIOXIDANT ENZYMES IN RICE
196	ipsc195024	Pandian E	Survey on tree medicinal plants along the elevational gradient of Courtallam hills, southern Western Ghats of India
197	ipsc195027	P Senthilkumar	Cloning and In silico analysis of chitinase gene from tea soil bacteria <i>Pseudomonas fluorescens</i>