DATE : 16-12-2025 **TIME: 5:30 PM – 8:00 PM** **P- 001 – P-220**

Sl. No	Poster Number	Registration Number	Title	Presenting Author
Theme 1 - Physiological and molecular basis of yield, quality and stress tolerance				
1.	P-001	ICPP2025-058	Harnessing phenotypic variation in sugarcane interspecific hybrids to enhance drought adaptability	Sebastiar Sheelamary
2.	P-002	ICPP2025-112	Profiling groundnut varieties for post-harvest kernel discoloration	Latha P
3.	P-003	ICPP2025-161	Photosynthetic carbon assimilation and its partitioning in rabi sorghum under different environments and plant density	Ashvathama VH
4.	P-005	ICPP2025-156	Responses of sugarcane genotypes to hypoxia: Physiological and molecular analysis	Anitha R
5.	P-006	ICPP2025-160	Nanocerium composite-mediated antioxidant defense enhances drought stress tolerance in sorghum	Logeshwaran J
6.	P-007	ICPP2025-157	Genetic mechanisms associated with physiological, nutritional traits and grain yield in Pearl millet	N Sabitha
7.	P-008	ICPP2025-159	Designing the Perfect Panicle: TCP22 shapes rice yield through Jasmonate signals	Manjari Mishra
8.	P-009	ICPP2025-183	Impact of heat stress on morpho-physiological traits and yield in maize hybrids	Vijai P
9.	P-010	ICPP2025-195	High temperature stress on physiological parameters and yield of rice	P Maheswari

10.	P-011	ICPP2025-198	Strategic integration of nano urea plus and nano dap to enhance nitrogen use efficiency and productivity in rice	A.S. Priyanka
11.	P-012	ICPP2025-209	Genotype-specific root anatomy and xylem regulation under induced drought stress in rice	Sakthi Anand MK
12.	P-013	ICPP2025-220	Unravelling the combined abiotic stress responses of wheat under heat and drought conditions	Swati Gaikwad
13.	P-014	ICPP2025-226	Gamma-irradiated sugarcane mutants with improved root system architecture (RSA) contributing to enhanced resilience to drought stress	V Pavithra
14.	P-015	ICPP2025-242	Assessment of salt and heat stress responses in Omani lentil landraces for developing climate resilient cultivars	Al Zeidi Maryam
15.	P-016	ICPP2025-240	Physiological, biochemical and hormonal responses of two contrasting rice genotypes under high temperature stress	Swetha MS
16.	P-017	ICPP2025-268	Linkage on internal CO_2 and assimilation rate at reproductive phase in sorghum genotypes for drought tolerance	Kiran BO
17.	P-018	ICPP2025-278	Volatile organic compound-mediated interplant signalling enhances salinity stress response in rice	Aakanksha Singh
18.	P-019	ICPP2025-291	Physiology of differential hormonal responses in indica and japonica rice genotypes to in vitro system	Krishna GK
19.	P-020	ICPP2025-299	Unearthing root adaptations for penetration in hard and dry soils	Jahanvi Ganotra
20.	P-021	ICPP2025-301	Phenotyping of chickpea varieties for stem reserve mobilization, yield under kharif and rabi sown conditions	Pawan Kumar Mohanty
21.	P-022	ICPP2025-302	Role of calcium cation exchangers (CCXs) to orchestrate heavy metal stress tolerance in rice	Tanya Biswas

22.	P-023	ICPP2025-303	Morphological, anatomical and physiological characteristics of root under abiotic stress: an overview	B Devaraju
23.	P-024	ICPP2025-141	Quantification of morphology, physiology, biochemical and antioxidants in M1 generation of rice crop	Karthiksaran Chinnasamy
24.	P-025	ICPP2025-307	Impact of concurrent drought and dry root rot infestation on growth, physiology, and yield of chickpea	V Preethi
25.	P-026	ICPP2025-327	Impact of foliar-applied signal molecules on morpho-physiological and biochemical responses of rice under salinity stress	Shalini KR
26.	P-027	ICPP2025-314	Dissecting the adaptive physiological traits governing yield of rice under alternate wetting and drying	Yamuna V
27.	P-028	ICPP2025-322	Physio-biochemical basis of seed germination and vigor in direct seeded rice	Vanishree G
28.	P-029	ICPP2025-1189	Study of growth stages of sugarcane clones in relation to heat thermal units (HTU) and growing degree days (GDD) under coastal climate	Ravi Babu M
29.	P-030	ICPP2025-331	Biochemical and pathogenic profiling of *Xanthomonas oryzae* pv. oryzae in paddy fields	Dhinakaran Prabu
30.	P-031	ICPP2025-330	Unraveling physiological determinants of drought tolerance in rice: implications for sustainable crop improvement	Sree Vathsa Sagar US
31.	P-032	ICPP2025-334	Melatonin induced stress resilience in greengram under combined drought and high temperature stresses	K Anitha
32.	P-033	ICPP2025-337	Influence of leaf structural traits on water use efficiency in contrasting leaf mass area rice genotypes under aerobic conditions	Swetha R
33.	P-034	ICPP2025-339	Signal molecule-based foliar treatments enhance rice resilience to salinity through physiological and biochemical adjustments	Shalini KR

34.	P-035	ICPP2025-364	Dissecting high temperature stress tolerance mechanisms in rice: A comparative study of induced and innate stress responses	Lakshmi GA
35.	P-036	ICPP2025-347	Unravelling root responses to aluminium toxicity in finger millet through tissue culture and vital staining	Rachna Deo
36.	P-037	ICPP2025-363	Sugarcane clones for suitable for soil moisture stress / drought conditions of Andhra Pradesh.	Mukunda Rao
37.	P-038	ICPP2025-395	Branching out: How carboxylesterases sculpt rice architecture and yield potential	Siddharth Maurya
38.	P-039	ICPP2025-402	Segregating line approach for developing drought tolerant soybean	Shinde CS
39.	P-040	ICPP2025-396	Unveiling drought and waterlogging-tolerant pigeon pea genotypes through integrated phenotyping.	Prashantkumar S Hanjagi
40.	P-041	ICPP2025-410	Understanding the perception of *Xanthomonas oryzae* pv. oryzae (Xoo)- released Outer Membrane Vesicles (OMVs) by rice	Ishani Mondal
41.	P-042	ICPP2025-412	Carbon dots enhance photosynthetic efficiency and antioxidant defense in *Oryza sativa* L. under UV stress	Diya Ann Maria
42.	P-043	ICPP2025-403	Assessment of Indian dwarf wheat genotypes for drought tolerance under contrasting water regimes	Andhale GR
43.	P-044	ICPP2025-430	Harnessing the physiological divergence in blackgram germplasm towards identification of tolerant genotypes against salinity stress	Prasad VBR
44.	P-045	ICPP2025-447	Exploiting heterosis for drought tolerance: Screening CMS-based rice hybrids under in-vitro and pot conditions	R Nivedha
45.	P-046	ICPP2025-449	Evaluation of groundnut genotypes for resistance to biotic stresses: Late leaf spot and rust disease	Kishori Wagh

46.	P-047	ICPP2025-450	Molecular mechanisms in plant-rhizobacterial interaction for abiotic stress tolerance	Raja Gopalan NS
47.	P-048	ICPP2025-451	Mechanisms of action of nanoparticles or nanocomposites in row crops challenged with drought and heat stress	M. Djanaguiraman
48.	P-049	ICPP2025-457	Physiological basis of drought tolerance in greengram genotypes	A Rajmohan
49.	P-050	ICPP2025-467	Physiological and biochemical changes in Varagu under water stress conditions	K Ananthi
50.	P-051	ICPP2025-471	Seeds harvested from summer season induces drought tolerance in chickpea	JV Navodhaya
51.	P-052	ICPP2025-475	Role of rice extracellular vesicles during interaction with *Xanthomonas oryzae* pv. Oryzae (Xoo): An emerging layer of plant immunity	Hrimeeka Das
52.	P-053	ICPP2025-536	Melatonin: A master regulator under drought and high temperature stress in crops	MK Kalarani
53.	P-054	ICPP2025-476	Climate dynamics and muga sericulture: Investigating the role of rising CO_2 and temperature on muga and its primary host plant	Sinto A
54.	P-055	ICPP2025-486	Impact of temperature stress on physiological traits on wheat genotypes	Kadambari Tiwar
55.	P-056	ICPP2025-487	Impact of terminal heat stress on physiological traits of wheat genotypes	Ravindra Kumar
56.	P-057	ICPP2025-511	Evaluation of pigeon pea germplasms for drought stress tolerance through morphological, physiological and phenological traits	Prashantkumar S Hanjagi
57.	P-058	ICPP2025-585	Saline tolerant -ST *Rhizobium Sp.* for improving the productivity of green gram in saline soil	Sivasankari Devi T

58.	P-059	ICPP2025-595	Screening of finger millet germplasm for sodicity tolerance through morph physiological responses	Monika S
59.	P-060	ICPP2025-612	Induced post-invasive defenses in the nonhost plant *Parthenium hysterophorus* L. prevent root cortical colonization by Macrophomina phaseolina and impart resistance to dry root rot	Rishabh Mirchandani
60.	P-061	ICPP2025-626	Hidden underground: Mediator subunit MED17 drives root adaptation to elevated temperature	Amrita Singh
61.	P-062	ICPP2025-866	Assessment of tolerance in rice germplasm against brown planthopper, *Nilaparvata lugens* Stal.	Prabhu Subbiah
62.	P-063	ICPP2025-878	A high yielding medium duration ragi variety Atl 2	M Vaithiyalingan
63.	P-064	ICPP2025-905	Physiological and biochemical responses of plant growth regulators (PGRs) on growth, productivity, yield and seed quality of soybean	Prabha Tigga
64.	P-065	ICPP2025-940	Plant antimicrobial peptides: Nature's warriors against microbial invasion	Saroj Laha
65.	P-066	ICPP2025-941	Photosynthetic performance and stomatal regulation associated with phosphorus use efficiency in chickpea	Ashutosh K Srivastava
66.	P-067	ICPP2025-943	Root architectural plasticity and variability in fine root morphology contributing stress adaptation under drought in rice	Goutam Kumar Dash
67.	P-068	ICPP2025-946	Induced plant immunity by Rhizobacteria against *Pythium aphanidermatum* caused damping disease	L Cecilia
68.	P-069	ICPP2025-948	Synergistic effect of biologically synthesised silver nanoparticles and *Bacillus cereus* on the growth and yield of *Cicer arietinum* and *Brassica campestris*	Rachana Singh
69.	P-070	ICPP2025-953	Partial least square regression based selection of traits conferring drought tolerance in *Saccharum spontaneum*	T Lakshmi Pathy

70.	P-071	ICPP2025-969	Unravelling the role of brassinosteroids in regulating lignin deposition in the root of *Arabidopsis thaliana*	Shalini Yadav
71.	P-072	ICPP2025-957	Effect of salicylic acid on *Shorea robusta* seedlings under water and temperature stress	Tannu Ruhil
72.	P-073	ICPP2025-964	Drought stress responses in the germination, proximate composition and antioxidant properties of fava bean seeds	Kananbala Sarangthem
73.	P-074	ICPP2025-982	Study on the impact of various biostimulants on rice growth and yield	R Karthikeyan
74.	P-075	ICPP2025-1003	Reduced grain size morphology under salt stress in rice - an insight	Arulganesh Thangaraj
75.	P-076	ICPP2025-1044	Physiological insights into canopy and panicle architecture for enhanced yield expression in rice under irrigated conditions	Bhumika Banjare
76.	P-077	ICPP2025-1045	Enhancing nutrient use efficiency and yield of green gram through rationalized fertilizer prescription	P Malathi
77.	P-078	ICPP2025-609	Phenotyping for photosynthetic performance and light use efficiency in diverse chickpea germplasm under high temperature stress	Ashutosh Srivastava
78.	P-079	ICPP2025-1065	Physiological evaluation of water use and transpiration efficiency in rabi sorghum genotypes under terminal drought	Pugahendhi N
79.	P-080	ICPP2025-987	Exploring the diversity and functional potential of the bacterial microbiome associated with the roots of *Alternanthera tenella* Colla under heavy metal stress	Malavika P
80.	P-081	ICPP2025-1016	Genetic dissection of yield and fibre quality traits for developing high-ginning and superior fibre quality genotypes in cotton	John Kingsly NB
81.	P-082	ICPP2025-1030	Development of drought tolerant rice through marker assisted breeding	Srimathi K

82.	P-083	ICPP2025-989	Morpho-anatomical and physiological adaptations of Alternanthera tenella colla to cadmium stress: role of phytochelatin synthase in metal detoxification	Saliha Mol V
83.	P-084	ICPP2025-1031	Unraveling the mechanisms for better seed longevity in traditional rice varieties	K Raja
84.	P-085	ICPP2025-1037	Physiological, biochemical and nutritional adaptations of finger millet to high temperature and elevated CO_2 × drought stress conditions	Anusree K
85.	P-086	ICPP2025-1004	Dissecting the critical involvement of Jasmonate signalling in governing iron deficiency responses in wheat	Gourav Singh
86.	P-087	ICPP2025-1011	Characterization and screening of compact cotton hybrids for leafhopper (*Amrasca biguttula biguttula* (Ishida)) resistance	Selvamani Sanyasi
87.	P-088	ICPP2025-335	CIPK3 phosphorylates VDAC3 to transduce ROS-induced mitochondrial signals	Aakriti Singh
88.	P-089	ICPP2025-309	The TF46–GW2 module orchestrates the control of rice grain size and quality	Aswathi PV
89.	P-090	ICPP2025-398	Insights into non-glycolytic roles of enolase and glyceraldehyde 3-phosphate dehydrogenase in the moss *Physcomitrium patens*	Yashika Kanojia
90.	P-091	ICPP2025-541	Genotypic variation in endogenous ascorbic acid and its role in heat stress tolerance of chickpea	Amol P Solanke
91.	P-092	ICPP2025-551	Role of abscisic acid-induced universal stress proteins for stress adaptation and development in *Arabidopsis thaliana*	Pandurang Ramrao Devde
92.	P-093	ICPP2025-586	Phospholipases D in chickpea: Genomic diversity and functional role in abiotic stress tolerance	Amarjeet Singh
93.	P-094	ICPP2025-567	Effect of diverse sowing environments on phenological development, growth, physiological efficiency, yield performance, and seed quality traits in soybean	Gyanendra Tiwari

94.	P-095	ICPP2025-1025	Differentiating the individual effects of salinity and flooding stresses under the combined stresses of saline water flooding in rice	Debashis Mahapatra
95.	P-096	ICPP2025-976	Evaluation of plant growth promoting Rhizobacteria (PGPR) on the performance of blackgram	Gaddam Vijaya Kumar
96.	P-097	ICPP2025-185	Awn-associated physiological traits contribute to yield in wheat under heat-stress	Solaiyappan M
97.	P-098	ICPP2025-305	Physiological breeding for drought resilience: Unraveling the power acquired tolerance in rice	Brahmesh Reddy
98.	P-099	ICPP2025-316	GWAS based identification of genomic regions for grain protein content in subset of 3 K panel rice germplasm	Jeevitha R
99.	P-100	ICPP2025-326	β-Caryophyllene: A new molecule for enhancing the drought tolerance in greengram	N Sritharan
100.	P-101	ICPP2025-374	Endophytic *Fusarium spp.* enhance physiological and molecular tolerance to combined drought and heat stress in rice	Devarintiga Mohan
101.	P-102	ICPP2025-427	Development of hairy root transformation protocol in *Parthenium hysterophorus*	Suman Saini
102.	P-103	ICPP2025-482	Integrating physiological and molecular strategies to enhance stress tolerance and yield in crops 2025	Vinothanan S
103.	P-104	ICPP2025-526	Boosting insect resistance of chickpea through Jasmonic acid homeostasis modulation	Rupak Saha
104.	P-105	ICPP2025-244	Enhancing growth and drought tolerance in finger millet using habitat-adapted endophytic fungi	Akshata
105.	P-106	ICPP2025-574	Characterization of the alternative oxidase (AOX) gene family and its function in foxtail millet, a NADP-ME type C4 plant under light	Kollipara Padmasree

106.	P-107	ICPP2025-605	The rice abscisic acid receptor complex: A "Gate-Latch" governing endogenous ABA homeostasis to enhance stress resilience and developmental plasticity	Shashank Kumar Yadav
107.	P-108	ICPP2025-1126	Impact of phytohormone on wheat under terminal heat	Vivek Kumar Yadav
108.	P-109	ICPP2025-890	Nitrate mediated negative regulation of non-legume hemoglobin via NIN dependent pathway in peanut	Raju Kuiry
109.	P-110	ICPP2025-910	From water mining to metabolic resilience: stacking root, WUE and acquired tolerance in rice	Bhavadharini TK
110.	P-111	ICPP2025-911	RuBisCO turnover and carboxylation efficiency-can they mitigate protein energy malnutrition?	Chigarambatla Sindhuja
111.	P-112	ICPP2025-935	Integration of photosynthetic efficiency and induced stress tolerance enhances drought resilience in contrasting leaf mass area mutants of rice	Sowmya Handenahally Reddy
112.	P-113	ICPP2025-944	Mapping metabolic signatures of grain yield stability in rice under multiple abiotic stress conditions	Khalid Anwar
113.	P-114	ICPP2025-1101	Assessing the morphological variation among rice accessions associated with early seedling vigour	Laxmi Sharma
114.	P-115	ICPP2025-1047	Development of herbicide tolerant rice suitable for direct seeding through marker assisted breeding	Ameena Premnath
115.	P-116	ICPP2025-1049	A novel OsSAPK10-OsbZIP45-OsPIL15 signaling cascade regulates ABA signaling and drought tolerance in rice	Aishwarye Sharma
116.	P-117	ICPP2025-1059	Phenotyping recombinant inbred lines of wheat for high night temperature tolerance	KS Pavithra
117.	P-118	ICPP2025-1084	Epicuticular wax crystal governs the cuticle permeability in *Setaria italica*	Sudhira Kumar Bara

118.	P-119	ICPP2025-1108	Correlation between altered lignin composition and silica deposition in sorghum silica cells	Jyotika Behera
119.	P-120	ICPP2025-1116	Revealing an evolutionarily conserved chloroplast-localised stress sensor that activates oxidised flavonoid-mediated signalling in plants	Sumanta Mohapatra
120.	P-121	ICPP2025-1150	Cross-species metabolic profiling under water limited conditions to identify superior donor genotypes for rice improvement	Supritha Raj DS
121.	P-122	ICPP2025-1151	Comparative evaluation of novel interspecific and intergeneric hybrids of Sugarcane for ratooning potential	K Elayaraja
122.	P-123	ICPP2025-1156	Endophytic *Pseudomonas oryzihabitans* CB24 modulates plant sulphur metabolism to balance nutrition and immunity during colonization	Jiya Chanotiya
123.	P-124	ICPP2025-1130	Assessment of drought tolerance in finger millet genotypes through multiple drought tolerance indices	Sagar K Jadav
124.	P-125	ICPP2025-1147	Heat stress mitigation in chickpea through optimized sowing time, chemical treatments, and stage-specific applications	Abhay Wankhede
125.	P-126	ICPP2025-18	Morphological discrimination of haploids and diploids/doubled haploids in rice based on leaf tip traits	Arya Sunil
Theme 2 - Multi-omics for crop improvement				
126.	P-127	ICPP2025-057	Expression dynamics of key nitrogen transport and assimilation genes in high and low yielding rice genotypes under variable nitrogen regimes	Senthil A
127.	P-128	ICPP2025-074	Unravelling the role of histone deacetylases in thermopriming-mediated acquired thermotolerance in *Arabidopsis thaliana*	Samantaray D
128.	P-129	ICPP2025-140	Engineered pea apyrase enhances growth via nuclear modulation	Manas K Tripathy

129.	P-130	ICPP2025-082	Lignin modification in Sugarcane using CRISPR/Cas9 for improved bioethanol production	Rachel Lissy Vargheese
130.	P-131	ICPP2025-095	Functional characterization of photo-thermo-insensitive traits in chickpea through integrated morpho-physiological and gene expression analyses	Apoorva Ashu
131.	P-132	ICPP2025-208	CRISPR/Cas9-mediated promoter editing of *OsSWEET11* confers broad spectrum disease resistance in rice	Vignesh P
132.	P-133	ICPP2025-100	Improving wheat iron content through endosperm-targeted expression of vacuolar iron transporter-like protein TaVTL5	Kanupriya Agrwal
133.	P-134	ICPP2025-121	Identification of an elicitor from *Pythium myriotylum* through untargeted metabolomics and its functions in PTI in soft rot disease in host plants	Febina Fernandez
134.	P-135	ICPP2025-130	Genome wide association mapping for drought tolerance in rice	Nanduri VSBSLN Mani Sankar
135.	P-136	ICPP2025-108	Gene editing of rice phospholipase B (*OsPLB*) promotes storage tolerance of triacylglycerol in rice bran without any germination defects	Rupam Kumar Bhunia
136.	P-137	ICPP2025-109	Metabolomics approach to understand seed deterioration and storability in groundnut	T Kavichakravarthi
137.	P-138	ICPP2025-137	Variations in gene expression pattern of sodicity tolerant and sensitive onion varieties	R. Amutha
138.	P-139	ICPP2025-114	Untargeted metabolite profiling, biochemical and photochemical analysis of mustard genotypes subjected to heat stress under ameliorative effects of methyl Jasmonate in Eastern Uttar Pradesh	Madhurya Ray
139.	P-140	ICPP2025-126	Molecular mechanism of plant elicitor peptides (PEPs) regulating defense and development in plants	Pawan Kumar Jewaria

140.	P-141	ICPP2025-164	Functional characterisation of the PLAT Gene from *Picrorhiza kurroa* under Combined Abiotic Stresses	Vishal Saini
141.	P-142	ICPP2025-168	CRISPR/Cas9-mediated knockout of the OsSIRP4 gene enhances salt tolerance in the high yielding rice cultivar ASD16	Balaji Santhakumar
142.	P-143	ICPP2025-214	Understanding molecular regulation of phosphate starvation responses in rice	Astha Singh
143.	P-144	ICPP2025-211	Physiological and molecular basis of yield, quality, and stress tolerance genome-wide association study of nitrogen use efficiency in rice	Shanmugapriya D
144.	P-145	ICPP2025-215	Overexpressing translationally controlled tumor protein (TCTP) gene in rubber tree for augmenting its growth attributes	Aswathy AR
145.	P-146	ICPP2025-224	Weighted gene co-expression network to identify novel transcriptome resources regulating root system architecture (RSA) in sugarcane	Rasitha R
146.	P-147	ICPP2025-227	GC–MS profiling and in silico evaluation of bioactive compounds from traditional rice varieties for antioxidant potential through molecular docking and simulation	K Vanitha
147.	P-148	ICPP2025-218	Targeted editing of *FAD2* genes via CRISPR/Cas9 in Soybean JS 20-98: Toward improved fatty acid composition of soybean oil	Shubham Lad
148.	P-149	ICPP2025-229	Molecular analysis of calmodulin activated transcriptional activators (CAMTAs) indicates their role in plant development and abiotic stress tolerance in chickpea	Kamankshi Sonkar
149.	P-150	ICPP2025-332	Untargeted GC-MS study on pollen development in fertile and sterile anther of upland cotton	V Deepa Dharsini
150.	P-151	ICPP2025-230	Identification of molecular markers and secondary metabolites for heat tolerance in groundnut	Kirubavathy OG

151.	P-152	ICPP2025-231	Unveiling the function of stress responsive SbERF transcription factors for yield optimization in *Sorghum bicolor*	Nitya Nandan Sharma
152.	P-153	ICPP2025-312	Guard cell-specific transcriptomic changes under ABA conditions identify E3 ligases modulating stomatal behaviour	Kesia Mathew BM
153.	P-154	ICPP2025-239	Metabolomics data driven identification of growth-associated biomarkers in marine phytobeneficial rhizobacterium colonized Pokkali rice roots	Paramita Bera
154.	P-155	ICPP2025-251)	Editing the glucosinolate pathway for stronger mustard defense	Diptimayee Jena
155.	P-156	ICPP2025-296	A rice C2H2 zinc finger transcriptional repressor regulates grain size and nutritional content	Pinky Agarwal
156.	P-157	ICPP2025-262	Root exudate metabolomic profiling of groundnut genotypes under combined drought and high temperature stress	K Manoj Kumar
157.	P-158	ICPP2025-264	CBL-interacting protein kinase 21 (CIPK21) negatively regulates plant immune responses during *Pseudomonas syringae*	Barkha Ravi
158.	P-159	ICPP2025-270	Multi-omics insights into Bacillus-mediated défense responses and microbiome dynamics in *Gloriosa superba* against root rot pathogen *Macrophomina phaseolina*	M Karthikeyan
159.	P-160	ICPP2025-306	Transcriptomic profiling of wheat grain filling under elevated CO_2 and temperature: discovery of key stress-responsive genes and pathways for climate resilient breeding	Praveen Kumar
160.	P-161	ICPP2025-340	Marker-assisted introgression and validation of spikelet fertility QTLs for high temperature stress tolerance in improved white ponni rice	Vivitha P
161.	P-162	ICPP2025-349	Genotype independent callus induction and regeneration for CRISPR/cas9 genome editing in finger millet	Hanna Elizabath Finson

162.	P-163	ICPP2025-354	Gaining molecular insights into the stress-responsive GLYIII enzymes in wild and cultivated rice	Bidisha Bhowal
163.	P-164	ICPP2025-370	Insights into regulatory properties of Physcomitrium patens transfer RNA aspartic acid methyltransferase 1 (TRDMT1/DNMT2)	Heena Sharma
164.	P-165	ICPP2025-404	Here comes the TOR: TOR kinase and phosphate signaling pathway	Ashverya Laxmi
165.	P-166	ICPP2025-385	Genome-wide Identification and expression analysis of the ACONITASE (ACO) gene family in Gossypium species: Unveiling their roles in development and stress responses	Kaushalendra Kumar
166.	P-167	ICPP2025-393	Post-translational regulation of sugar transporters in Arabidopsis thaliana: Evidence for MAPK and SUMO-mediated control	Pallavi Sharma
167.	P-168	ICPP2025-406	Disease phenomics and genome-wide mapping uncover the involvement of CaSWEET transporter in chickpea dry root rot under osmotic stress	Shubhashish Ranjan
168.	P-169	ICPP2025-421	Comprehensive genomic and evolutionary profiling of the Pseudouridine Synthase (PUS) gene family in cotton elucidates their role in fiber development and stress responses	Kajal Verma
169.	P-170	ICPP2025-423	Preloaded for speed: Transcriptome signatures driving early rice germination	Sakkthivel I
170.	P-171	ICPP2025-445	SbSDR2, a novel stress-responsive gene from the halophyte *Salicornia brachiata* confers enhanced salt and drought tolerance in transgenic tobacco	Vijay Kumar Singh
171.	P-172	ICPP2025-446	Overexpression of an F-box gene improves root growth and drought tolerance	Ujjwal Sirohi
172.	P-173	ICPP2025-470	Dissecting the genetic architecture of heat stress tolerance in wheat through high-throughput phenomics and genome wide association studies	Rajasekar R

173.	P-174	ICPP2025-495	Sulfur-containing metabolite-driven physiological and biochemical modification in herbaceous legumes	Murali Sharaff
174.	P-175	ICPP2025-507	Transcriptome analysis unveiled fusarium wilt responsive lncrna-mrna regulatory network mediated plant immunity in chickpea	Anjali Chaudhary
175.	P-176	ICPP2025-516	Genome wide association study reveals key loci affecting drought stress tolerance in soybean	Milind Ratnparkhe
176.	P-177	ICPP2025-253	Elucidating the biochemical basis of seed dormancy and preharvest sprouting resistance in rice	B Dhanusree
177.	P-178	ICPP2025-552	Delineating redundant role of OsPLATZ1 and OsPLATZ2 in rice seed size development	Hasthi Ram
178.	P-179	ICPP2025-559	Understanding the thermo-photo modulation of the Mirna–MYB network as an approach to enhance stress resilience in rice	Vaishali Saxena
179.	P-180	ICPP2025-568	Whole genome sequencing and functional analysis of camptothecin producing endophytic microorganisms from *Ophiorrhiza mungos* L.	Mary Theresa
180.	P-181	ICPP2025-573	Genome-wide analysis of the prolamin superfamily to identify and characterize anther-specific promoters in sorghum	Farhanur Rahman
181.	P-182	ICPP2025-577)	Multivariate integration of germination dynamics and key physio-biochemical markers for identifying elite maize genotypes with drought tolerance	Apurba Pal
182.	P-183	ICPP2025-614	MIR408-encoded peptide, Mipep408, orchestrates stress response towards *Rhizoctonia solani* in Arabidopsis via Mir408-LAC3-Driven lignification	Tapasya Datta
183.	P-184	ICPP2025-616)	Revisiting the ACGT elements in post genomic era	Yukti Singh
184.	P-185	ICPP2025-623	Identification and characterization of glyceraldehyde-3-phosphate dehydrogenase gene family in the moss *Physcomitrium patens*	Niharika Upadhyay

185.	P-186	ICPP2025-624	Genome-wide identification of U-box E3 ligase gene in *Cicer arietinum* reveals the involvement of CaPUB4 and CaPUB16 genes in drought and salt stress	Nithya Folita Fernendes
186.	P-187	ICPP2025-865	A rhizobox-based root phenotyping system for understanding the role of AMF-mediated bioirrigation for combating combined dry root rot and drought in chickpea	Athimoolam Durgadevi
187.	P-188	ICPP2025-867	Decoding G-protein β Signaling in groundnut: A pathway to drought-resilient cultivars Swarup Roy Choudhury	Jismon Jose
188.	P-189	ICPP2025-869	Comprehensive genome-wide analysis of NF-Y genes and their potential interaction with miRNAs in rice	Arushi Jain
189.	P-190	ICPP2025-885	Allelic diversity of OsTB1 governing tiller number in rice	Sivabharathi RC
190.	P-191	ICPP2025-627	Subcellular localization of Physcomitrium patens LIKE HETEROCHROMATIN PROTEIN 1 is regulated by multiple nuclear localization signals	Bhawana
191.	P-192	ICPP2025-875	Marker-assisted backcross breeding for the development of an herbicide-tolerant Co 53 rice variety	Jenifer Sylvia J
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