



अनुसंधान निदेशालय
डॉ० राजेन्द्र प्रसाद केन्द्रीय कृषि विश्वविद्यालय, पूसा-848125
(समस्तीपुर) बिहार, भारत



Directorate of Research
Dr. Rajendra Prasad Central Agricultural University, Pusa-
848 125 (Samastipur), Bihar, INDIA

डॉ० संजय कुमार सिंह
सह-निदेशक अनुसंधान
Dr. S.K. Singh
Associate Director Research

No. 934/DR

Date 16/11/22

All concerned Scientists

Sub: Nomination of Rapporteur for 13th Research Council Meeting, Rabi-2022 scheduled from 21-11-2022 to 23-11-2022 at 10.30 A. M. in the Vidyapati Sabhagar , RPCAU, Pusa. You are being nominated as a **Rapporteur** for the above mentioned meeting. You are, therefore, requested to record the proceedings carefully of the technical session given below and submit the proceedings of your respective session along with salient recommendations in **soft & hard copy within a week** days after the said meeting positively.

Date	Session	Time	Rapporteurs
21.11.2022	Inaugural Session	11.00A.M.-12.00 P.M.	1. Dr. Ravish Chandra
	Technical Session-I	12.30P.M.- 01.30 P.M.	2. Dr. S.P. Singh
	Technical Session-II	02.30P.M.- 06.30 P.M.	1. Dr. Shivendra Kumar 2. Dr. Ankur Jamwal
22.11.2022	Technical Session-III	10.30A.M. - 1.30 P.M.	1. Dr. Rajesh Kumar 2. Dr. Kumari Anjani
	Technical Session-IV	02.30P.M.- 06.30 P.M.	1. Dr. D.N. Kamat 2. Dr. S.S. Prasad
23.11.2022	Technical Session-V	10.30A.M.- 1.30 P.M.	1. Dr. Dinesh Rai 2. Dr Ajeet Kumar
	Technical Session-VI	02.30P.M.- 06.30 P.M.	1. Dr. Nilanjaya 2. Dr. S.P. Lal

Yours faithfully

(S.K. Singh) 16.11.2022

CC: Officer Incharge, ARIS Cell for display on University website and Notice Board.
CC: Secretary to V.C. for kind information to the Hon'ble Vice-Chancellor.

**DR. RAJENDRA PRASAD CENTRAL AGRICULTURAL UNIVERSITY,
PUSA
PROGRAMME FOR 13TH RESEARCH COUNCIL MEETING, RABI-2022**

DATED : 21.11.2022 (MONDAY)		
	INAUGURAL SESSION	11:00 A.M.–12:00 P.M.
	Felicitation of dignitaries	
	Welcome address	Dr. P. S. Brahmanand Director Research
	Eminent Scientist's address	1. Dr. A.R. Pathak 2. Dr. M. B. Chetti 3. Dr. K.K. Satpathy
	Release of Books/ Bulletins	By the Dignitaries
	Chairman Address	Dr. P. S. Pandey, Vice-Chancellor
Agenda-1	Confirmation of proceedings of 11 th Research Council Meeting Rabi -2021	Dr. P. S. Brahmanand
Agenda-2	Action Taken Report of proceedings of 11 th Research Council Meeting Rabi-2021	Dr. P. S. Brahmanand
	Rapporteurs:	1. Dr. Ravish Chandra 2. Dr. S.P. Singh
	Hi-Tea	12:00 P.M.-12:30 P.M.
	TECHNICAL SESSION- I	12:30 P.M. – 01:30 P.M.
Agenda-3	PRESENTATION ON SALIENT ACHIEVEMENTS AND EMERGING CHALLENGES OF RESEARCH OF ALL FACULTIES	
A	Faculty of Agriculture	Dr. K.M. Singh, Dean
B	College of Agricultural Engineering	Dr. Ambrish Kumar, Dean,
C	College of Basic Sciences & Humanities	Dr. S. Roy Chowdhury, Dean
D	College of Community Science	Dr. Usha Singh, Dean
E	Tirhut College of Agriculture	Dr. Ashok Kr. Singh, Dean
F	College of Fisheries	Dr. P.P. Srivastava, Dean
G	College of Horticulture & Forestry	Dr. Krishna Kumar, Dean
H	Sugarcane Research Institute	Dr. Anil Kumar Singh Director, SRI
I	School of Agri-business Rural Management	Director, SABRM
J	Faculty of veterinary and animal sciences	Dr. A. Kundu Controlling Officer APRI
	Rapporteurs:	1. Dr. Ravish Chandra 2. Dr. S.P. Singh
	LUNCH	1.30 P.M.- 2.30.P.M.
	TECHNICAL SESSION- II	2:30 P.M.– 6:30 P.M.
Agenda-4	PRESENTATION ON UNIV. FUNDED RESEARCH PROJECTS/EXTERNALLY FUNDED PROJECTS /OTHER PROJECTS OF ALL FACULTIES	
1.	Investigating role of phenotypic plasticity in heat and drought combination stress tolerance in rice	Dr Rajeev Nayan Bahuguna
2.	Enhancing productivity of Rice-Wheat Cropping System through assured irrigation and timely sowing	Dr. Ratnesh Kumar Jha
3.	Evaluation of nutrient efficiency of ALDOR on rice and wheat crop in north-west alluvial plains of Bihar	Dr. S. P. Singh

4.	Development of Unique field-based Plant Phenotyping Facility & Developing climate resilient rice-wheat cropping system through enhancing heat and drought combination stress tolerance	Dr. Rajeev Nayan Bahuguna
5.	Development of Heat Tolerant, High Yielding and Climate Resilient Wheat Cultivars by Utilizing Genomics, Molecular and Physiological Information and Resources	Dr. Rajeev Kumar
6.	Morpho-molecular evaluation for high yielding stress resilient wheat vis-à-vis agro-ecology of Bihar	Dr. Rajeev Kumar
7.	Development of packaging products from maize cob	Dr. S.K. Patel
8.	Study on leaching of nitrate from the soil and extent of nitrate contamination in ground water under maize based cropping system in eastern region of Bihar	Dr. Ajeet Kumar
9.	Value Chain Analysis of Small Millets in Khagaria, Samastipur and Bhagalpur Districts of Bihar	Dr. A.R. Shravanthi
10.	Studies on potential use of spent mushroom compost (SMC) on growth, yield, quality and nutrient balance in soil of Sugarcane (<i>Saccharum officinarum</i> L.) in Bihar	Dr. Lalita Rana
11.	Boron fertilization influencing yield and quality of sugarcane plant- ratoon system in calcareous soils of Bihar	Dr. C.K.Jha
12.	Formulation of inexpensive media for mass production of microbial inoculants and its evaluation on pulse productivity and soil health	Dr. Geeta Kumari
13.	Biostimulant mediated mitigation of abiotic stress in chickpea	Dr. Kavita
14.	Shoot transcriptome based understanding of molecular mechanism for <i>Fusarium</i> wilt resistance in Chickpea	Dr. K. L. Bhutia
15.	Development of early breeding lines and identification of candidate genes for earliness in lentil using genetics and genomics approaches	Mahendar Thudi
16.	Effect of bee pollination on oilseed and horticultural crops	Dr. Neeraj Kumar
17.	Dissipation and persistence of different pesticides in brinjal, okra and tomato	Dr. S.K. Sahoo
18.	Collection, Characterization and Evaluation of Ivy gourd and Spine gourd	Dr. Pramila
19.	Design and Development of Automated Vegetable Transplanter	Dr. Jaya Sinha
20.	Potato Seed Production through Aeroponics and Apical Rooted Cuttings (ARC) as well as through Conventional Methods	Dr. Ratnesh Kumar Jha
21.	Development of refrigerated vegetable cart for small vegetable vendors	S.K. Patel
22.	Molecular Characterization of Important Insects of Vegetable Crops in Bihar	Dr. M.S. Sai Reddy
23.	Evaluation of medicinal plants for honey production round the year in Bihar	Dr. Nagendra Kumar
24.	Post Harvest Processing of Watermelon for value addition	Er. Anupam Amitabh

25.	Effect of bio-regulators on growth, yield, and quality of different photoperiodic cultivars of strawberry in Bihar	Dr. Jyostnarani Pradhan
26.	Collection, characterization and evaluation of indigenous papaya germplasm	Dr. Asish Kumar Panda
27.	Mass multiplication of guava by different vegetative methods under different growing environments	Dr. Neeharika Kanth
28.	Establishment of Biotech-KISAN Hub at RPCAU, Muzaffarpur, Bihar	Dr. S.K. Verma
	Rapporteurs:	1.Dr.Shivendra Kumar 2. Dr. Ankur Jamwal
DATED : 22.11.2022 (TUESDAY)		
	TECHNICAL SESSION- III	10:30 A.M.– 01:30 P.M.
29.	Holistic Banana Product – by product utilization scheme for north - Bihar condition	Dr. S. Deo
30.	Assessment of Soil Quality Indices In Agro-Ecosystem of Bihar	Dr. Sunita Kumari Meena
31.	Scaling up Climate Smart Agriculture (CSA) through mainstreaming Climate Smart Villages (CSVs) in Bihar	Dr. Ratnesh Kumar Jha
32.	Climate Resilient Agriculture (CRA) programme	Dr. Ratnesh Kumar Jha
33.	Elucidating soil water dynamics and root growth under different land configuration and crop intensification	Dr Mukesh Kumar
34.	Performance Evaluation of Rain Irrigation System In Different Crops of Bihar	Er. I. B. Bhagat
35.	Optimizing Farm Plan through Linear Programming Model for Kusiari Village of Samastipur District	Dr. Tulika Kumari
36.	Isolation of effective fungal isolates to degrade the wheat straw	Dr. Khem Raj Meena
37.	Impact Assessment of Technologies developed by RPCAU for income & employment generation	Dr Bineeta Satpathy
38.	Migration of people and domestic animals to make-shift locations in flood affected area of north Bihar	Dr. Mahesh Kumar
39.	Economic Assessment of Production and Marketing of fish in flood prone areas of Bihar	Dr Janmejy kumar
40.	Biofloc technology: exploring production optimization of high value fish and their economic viability	Dr. Shivendra Kumar
41.	Demonstration and Validation of cage aquaculture in BudhiGandak River and Biraulimaun of samastipur	Dr.Shivendra Kumar
42.	Demonstration of seed production technology of Giant Freshwater Prawn	Dr. Shivendra Kumar
43.	Standardization and Demonstration of Monosex Tilapia culture in Freshwater ponds of Bihar	Dr. Shivendra Kumar

44.	Nutritional and Reproductive Health Management to Control Infertility in Cattle for increasing Milk Production	Dr. M.S. Kundu
45.	Establishment of Regional Centre of Excellence for Indigenous Breeds (CoEIB) at Piprakothi, East Champaran	Dr. Pramod Kumar
46.	Establishment of Indigenous Cattle Conservation and Improvement Centre at Madhopur, (West Champaran), Bihar	Dr. Rajeev Kumar Asthana
47.	Management of Malnutrition through Food Based Approach by Providing Hand-holding support for Monitoring and supervision	Dr Usha Singh
48.	Identification and Prevention of Severe Acute Malnutrition through Promotion of Complementary Feeding Practices at Community Level in Five Aspirational Districts	Dr Usha Singh
49.	An Assessment of Food Diversity and Food Security of Agricultural Households of North Bihar	Dr. Nidhi
50.	Understanding the bottlenecks and effects of nudging in crop residue management: Evidence from randomized control trial	Dr. Ram Datt
51.	A Behavioural Approach for Analysing Agricultural Investment Decision Making in North Bihar	Ms. Rashmi Sinha
52.	Assessing Rural Development Infrastructure Index of Samastipur District of Bihar	Dr. Mohit Sharma
53.	Performance Analysis of Farmer Producers Organizations in Bihar	Dr. Ritambhara Singh
54.	Presentation of New Univ. Funded Research Projects	
a.	Multilocational trial for evaluation and Production of Dragon Fruits as Climate Resilient Horticulture Practices	Dr. Anil Kumar Singh
b.	Development of Moringa Based Galactagogue Food bar and its Effect on Breast milk production.	Dr. Savita Kumari,
c.	Development and Testing of ICT Module: An action Research for Empowering JEEVIKA Women through Capacity Building	Dr. Punam Kumari,
d.	Estimation of Sulfur Content of Cruciferous Vegetables and its Possible Uses as Natural Preservative	Dr. Kumari Sunita,
e.	Nutrient and tillage management practices on lentil in Chaur area of Madhubani under changing climatic scenario	Dr. Sarvesh Kumar ,
f.	Protocol for development of Food products from process waste of Guava and Mango and utilization of their phytochemical rich products. Complete solution from Tree to Plate.	Dr. Neelam Kumari,
	Rapporteurs:	Dr. Rajesh Kumar Dr. Kumari Anjani
	LUNCH	1.30 P.M.- 2.30.P.M.

	TECHNICAL SESSION- IV	02.30 P.M. – 6:30 P.M.
Agenda-5	PRESENTATION ON ALL INDIA COORDINATED RESEARCH PROJECTS	
1.	Wheat	Dr. Satish Kumar Singh
2.	Maize	Dr. Ajay Kumar
3.	Chickpea	Dr. Madhuri Arya
4.	MullaRP	Dr. Ravi Kant
5.	Rapeseed & Mustard	Dr. Anil pandey
6.	Linseed	Dr. Vinay Kumar Choudhary
7.	Sesame	Dr. U.K. Singh
8.	Sunflower	Dr. K.L. Bhutia
9.	S.T.R.	Dr. Rajesh Kumar
10.	Floriculture	Dr. A. K. Singh
11.	Vegetable	Dr. Udit Kumar
	Rapporteurs:	Dr. D.N. Kamat Dr. S.S. Prasad
DATED : 23.11.2022 (WEDNESDAY)		
	TECHNICAL SESSION-V	10:30 A.M.– 01:30 P.M.
12.	Potato	Aman Tigga
13.	Spices	Dr. A. K. Mishra
14.	Sugarcane	Dr. D. N. Kamat
15.	Honey bees	Dr. Nagendra Kumar
16.	Nematodes	Dr. Nishi Keshari
17.	M.N.S.	Dr. Santosh Kr Singh
18.	S.T.C.R.	Dr. Sanjay Kr. Singh
19.	I.W.M.	Dr. S.P. Gupta
20.	P.H.E.T.	Dr. Vishal Kumar
21.	F.I.M.	Dr. P. K. Pranav
22.	Agro-Meteorology	Dr. A. Sattar
23.	Women in Agriculture	Dr. Arunima Kumari
	Rapporteurs:	Dr. Dinesh Rai Dr. Ajeet Kumar
	LUNCH	1.30 P.M.- 2.30.P.M.
	TECHNICAL SESSION-VI	02:30 P.M. – 6:30 P.M.
Agenda-6	(i) Presentation of Proceedings of Zonal Research & Extension Advisory Committee (ZREAC) Meeting of Zone-I (ii) Presentation of Proceedings of Sugarcane Research & Extension Advisory Committee (SREAC) Meeting.	Dr. A.K.Singh, Dean, TCA, Dholi Dr. Anil Kumar Singh, Director, SRI, Pusa.

Agenda-7	Proceedings of the Variety/Technology Pre-Release Committee meeting held on 12-11-2022 in the Conference Hall of DOR, RPCAU, Pusa	Dr. P. S. Brahmanand Director Research
I.	Release Proposals of Sugarcane Crop Variety Rajendra Ganna-6	Dr. D.N. Kamat
II.	Release Proposals of Sugarcane Crop Variety Rajendra Ganna-7	Dr. D.N. Kamat
III.	Proposal for Recommendation of Technology (Turmeric crop harvesting Implement)	Er. Manoranjan Kumar
IV.	Proposal for Recommendation of Technology (Turmeric crop sowing Implement)	Er. Manoranjan Kumar
Agenda-8	Any other item with permission of the chair	
	Remarks of Eminent Scientists	1. Dr. A.R. Pathak 2. Dr. M. B. Chetti 3. Dr. K.K. Satpathy
	Concluding remarks	Dr. P. S. Pandey Vice-Chancellor & Chairman, DRPCAU, Pusa
	Vote of thanks	Dr. N. K. Singh , Assoc. Director Research
	Rapporteurs:	1. Dr. Nilanjaya 2. Dr. S.P. Lal