

PLENARY SESSION

Chairman	:	Dr. M. C. Wali Director of Research, KSNUAHS, Shivamogga
Co-Chairman	:	Dr. B. Hemla Naik, Director of Extension, KSNUAHS, Shivamogga
	:	Dr. Narayana. S. Mavarkar Dean (Hort.), COH, Mudigere
	:	Dr. S. U. Patil, Assistant Director of Extension, KSNUAHS, Shivamogga
	:	Dr. Lakshmana. Associate Director of Research, ZAHRS, Brahmavar
	:	Dr. Shivaprasad, M., ADR, ZAHRS, Mudigere
	:	Dr. K. V. Sudhir Kamath, Principal, Diploma (Agri.) College, Brahmavar
	:	Dr. Dhananjaya B. Senior Scientist and Head, KVK, Brahmavar
	:	Dr. Krishnamurthy, Senior Scientist and Head, KVK, Mudigere
Rapporteurs	:	Dr. Santosha Gowda, G. B. Research Associate, NFP, ZAHRS, Brahmavar (Zone-10) Dr. Sharanappa Kuri, Assistant Professor of Agronomy AHRS, Sringeri. (Zone-9)

The ZREP workshop was held at ZAHRS, Brahmavar on 24th and 25th of March 2023. At the onset, Dr. Lakshmana, ADR, ZAHRS, Brahmavar and Dr. K. V. Sudhir Kamath, Principal, Diploma College, Brahmavar welcomed all the dignitaries on the dais and fellow Agricultural Scientists. End of the program i.e., plenary session was conducted by Dr. Jayaprakash R., Soil Scientist, KVK, Brahmavar.

The technical session proceedings were presented by the Rapporteurs of each session

Session	Description	Rapporteurs presented by
Inaugural	Brief report of inaugural session and field problems of Zone 9 & 10 were presented by the representatives of line departments / progressive farmers / ADE / KVK's of Zone 9 & 10.	Dr. Hosagoudar G. N. Farm Superintendent, AHRS, Ponnampete
Technical Session I	Ms. Nishmitha presented brief note on the results of the farm trails, variety release and proposals for inclusion in PoP. House accepted 4 farm trails and 4 technologies for inclusion in PoP. Two rice varieties accepted for release to Zone 9 & 10 (one for Upland and mid land area and the other for submergence tolerant)	Ms. Nishmitha Assistant Professor (Entom) AHRS, Ullal

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Technical Session II	Brief report of new farm trail proposals were presented by Dr. Basavaligayya.	Dr. Basavaligayya Farm Superintendent, Madikeri
Technical Session III	Brief report of new technical programme finalized for year 2023-24 were presented by Dr. Bharthkumar T. P. The Hon'ble Vice Chancellor Dr. R.C. Jagadeesha insisted to submit all accepted programmes within 10 th of April 2023 in the form of Detailed Project Report (DPR) as stressed in the presentation. He also stressed on revolving projects for industrial scientists as mandatory for sustained research activities to be carried out in farm.	Dr. Bharthkumar, T. P Assistant Professor (Agril. Extension), CoH, Mudigere
Technical Session IV	Brief report of research results and extension activities of 2022-23 were presented by Dr. Aarati Yadawada. 7 experimental research results of ZBNF were presented and highlighted here.	Dr. Aarati Yadawada, Assistant Professor (GPB), AHRS, Ullal.

The concluding remarks were given by Dr. M. C. Wali, Director of Research. DR insisted all the faculty from the University to be present in the ZREP workshop to enhance knowledge, including the one's who do not have the projects. DR suggested in submitting IFS model proposal as early as possible to GoK for installation in all 4 zones. The research experiment related issues were highlighted and the need to be taken about the design of the experiments, Degrees of freedom, CV and S.E., etc.,. The university scientists need to write revolving fund projects in broadly two titles namely 1) seed and nursery 2) livestock.

DR insisted all scientists on the need to identify themselves in a specific area and get specialized and work accordingly. (Identify the field of interest by fashion). In Zone 9 and 10 there is a need for unique nursery development systems for which the line scientists need to work. DR suggested to Dr. Shridevi A. Jakkeral (GPB) to borrow technology from other institutes and adapt to our system of rice varieties and hybrid as there is no barrier to borrow technology within the system. Faster breeding works need to be carried out in crops like wheat as it is more time consuming and to reduce the time of breeding program. In breeding programs / advanced agricultural approaches, transgenic approach, GMO, nano fertilizer and nano breeding approaches need to be applied in agriculture. In the field of home science and food science, there is a need to concentrate on QPM maize and its products to enhance the nutritional components like Lysine and Tryptophan which are higher in content. These maize products can be include in the mid- day meals program of students. In the field of organic farming, India keeps a Rupees 550 crore budget for organic /

natural farming and shared his experience of Dharwad organic farming workshop. DR suggested that research activities need to be taken up in the university along with teaching and carry out research simultaneously by writing Ad-hoc projects such that scientists need to be sustained in the university. Because, in the near future getting salary is difficult without projects. Hence there is a need to plan the research activities accordingly. Planning, Programming and Exhaustion of research is necessary. DR thanked all the scientists in the University for their kind support in the past 20 months of his service as DR.

Dr. B. Hemla Naik, Director of Extension said that all the Assistant/Associate/Professors of our university are by default members of ZREP meeting. Hence in future all the scientists need to attend the ZREP meeting. DE expressed gratitude to the line department's staff for their presentation and for sharing their issues / problems from zone 9 and 10 which was a good feedback received. As many as 102 new members are now added to the university and the coming year at least 2 days for each zone would be reserved adding one week in the university. DE highlighted VC's words on good team assigned to each scientist and the need for specialization to recognize the scientist. Luckily we have VC for our program for us to make good use of this opportunity, address many crops (Flowers, fruits, vegetables, plantation and field crops) in our university to work in different fields and then become a complete scientist. DE gave subject wise remarks, firstly refinement of station trial / nutritional trails for PG study on any of agricultural and horticultural aspects for one to two years and later for farm trails (nutritional study). Secondly, revolving funds are necessary for conducting research in future and stressed on writing revolving fund projects for the university. The KVK should take up demonstration / demo blocks for identified GI crops in the region. DE expressed happiness about the 2 newly released varieties in this ZREP workshop and congratulated the breeder Dr. B. M. Dushyanthkumar and Dr. Shridevi A. Jakkeral along with other 4 technology approved for incubation in PoP. In the field of mechanization: machines are the need of the hour because labor is more cost intensive and difficult to get. He appreciated the agricultural engineering faculty working on bringing new machinery in agricultural operations. The wild animals menace (problem) is taking control in agriculture and needs work to be done by scientists in this regard. Sheep and goat rearing technology developed by engineering faculty was applauded. On extension activity: DE suggested to conduct OFTS in publications and carry out demonstration of field trails. DE got reminded of DR Dr. Wali who worked in UAHS Shivamogga on bringing the regional research station on Maize which is the huge contribution to the university. Our Regional Research Station on Maize scheme holds 3rd rank in the country. Finally DE expressed gratitude to the organizers for conducting this program successfully and thanked Scientists Dr. K.V. Sudhir Kamath Kamath and Dr Lakshmana for arranging good food to all the participants.

Finally, Dr. B. Dhananjaya, Senior Scientist and Head, KVK, Brahmavar proposed the vote of thanks and thanked all dignitaries. ADR, Brahmavara appreciated all the rapporteurs for neatly taking notes in the workshop and individual department heads for collecting matter from various scientists, compiling and presenting the same in the ZREP meeting.