

TAMIL NADU AGRICULTURAL UNIVERSITY

Office of the Directorate of Research,
Tamil Nadu Agricultural University,
Coimbatore-03.

Date: 30.08.2019

PROCEEDINGS

An interactive meeting with the Dean, HODs and staff members was conducted by the Director of Research on **29.8.2019** to address some of the issues relating to the research and development activities of the Agricultural College and Research Institute, Madurai.

Dr.V.K. Paulpandi, Dean, AC&RI, Madurai, briefly presented the on-going research and seed production activities of the college. **Dr. K.S. Subramanian**, Director of Research highlighted the current status of TNAU rankings in ICAR and NIRF and the importance of high impact factor publications (**NAAS > 6**) and patents that will directly reflect on the ranking.

GENERAL

- The **recent varieties** released, advanced cultures, promising **technologies** and farm mechanization are to be demonstrated at the frontier avenue of the college to exhibit the activities and achievements of the campus (The Dean, AC & RI, Madurai)
- All the **experimental fields** are to be properly labeled with flex boards as per the stipulated guidelines of TNAU (All Scientists, AC & RI, Madurai)
- An **irrigation cafeteria** may be established to demonstrate how the irrigation water being judiciously used in the Periyar - Vaigai canal command area (All Scientists, AC & RI, Madurai)
- The entire farm may be scanned using drones and **digitized farm fertility map** prepared within a month before 1.10.2019 (Prof. & Head, SS & AC, AC & RI, Madurai)

- Polyhouses and vertical farming models besides experimental fields in orchard may be properly labeled and maintained (Prof. & Head, Horticulture, AC & RI, Madurai)
- All the trees are to be **labeled** with botanical name, family and economic use to add value to the educational institution.
- The infrastructure developed in the **Innovation Center** may be made available to scientists and students as per the stipulated guidelines of TNAU.

RESEARCH

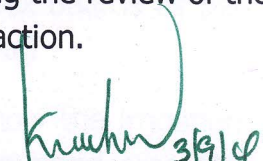
- All scientists should have at least **one research project** (URP, Core, Externally funded, TANII, NADP etc.) compulsorily. Each research project is supported by field note book, basic record and other related documents
- Scientists are encouraged to propose **externally funded projects** to enable high quality publications. The UGC insists that each scientist must publish at least one paper with NAAS rate > 6 per year.
- **Evolution / evaluation** of rice genotypes tolerant to abiotic (salinity, P deficiency, submergence) and biotic (BLB, BPH, stem borer) stresses besides clusterbean mutant deserve appreciation and the data need to published in reputed journals
- Some of the **specific issues** such as transplanting of redgram and gingelly, short shelf-life of Co. 51 seeds, farm mechanization, capsule of bioinoculants, nutrient capsule, fall army worm, nematode management in horticultural crops, off-season jasmine flower production, jasmine packaging technology, red fleshed guava (arka kiran), grafting of vegetables etc in accordance with the Proceedings of the 84th Scientific Workers Conference of TNAU.
- Studies on *Annona muricata* will be undertaken jointly by Horticulture Department and CSC & RI.
- Efforts may be taken up to study the impact of farm pond/tank, on the ground water change in the nearby areas (Professor, SWC, AC & RI, Madurai)
- Drip irrigation for rice may be validated and demonstrated in large scale (1 acre) in the Campus (Prof. & Head, Dept. of Agronomy)

ACTION PLANS

- Research Project Approval Committee (**RPAC**) for the AC & RI, Madurai, to be constituted before 16.9.2019 involving all HODs to screen the proposed university research projects for the DR's office to provide number for implementation.
- **Research Co-ordinator** in the cadre of Professor may be nominated before 16.9.2019 by the Dean to monitor the research projects (externally or internally funded) submission, numbering, completion reports, outcomes, publications, patents etc.
- The Director of Research in consultation with the Deans will organize a dedicated **Grantmanship** Workshop in Madurai for both AC & RI and CSC & RI during September - October, 2019 to assist young scientists to prepare projects for funding.
- A brainstorming session may be organized within 2 months to propose a mega project unique for Madurai Campus involving all disciplines with a budget of **Rs. 50 crores** in commemoration of Golden Jubilee Year of TNAU in 2020.
- **MSc and Ph.D students** shall be allotted to DARS, Chettinad where excellent analytical facilities are available. For the BRNS funded cluster bean project, a Ph.D. student from Coimbatore Campus will be allotted as per Dean (SPGS) regulations and the PI and Co-PI of the project will serve as members.
- **Cost of publications** will met from the University with the approval of the Vice Chancellor in the event of the no financial support available in the campus.
- The status report on Automatic Weather Stations installed under NADP may be reported to the undersigned before **16.9.2019**.
- The Dean is requested to provide the **list of absentees** during the review of the Director of Research to the undersigned for further course of action.

To

The Dean, AC&RI, Madurai
The TPO to the Vice Chancellor, TNAU, Coimbatore, for favour of kind information


DIRECTOR OF RESEARCH
30/08/19
DIRECTOR OF RESEARCH
Tamilnadu Agricultural University
COIMBATORE - 641 003