

PROCEEDINGS

3rd Allied Agricultural Faculty Scientists Meet 2022 (22nd July, 2022)

The 3rd Allied Agricultural Faculty Scientists Meet was held at TNAU, Coimbatore on 22.07.2022 through hybrid mode. All the scientists of allied disciplines *viz.*, Tamil, English, Library Science, Physical Education, Journalism, Veterinary Science, Agricultural Chemicals, Organic Chemistry, Mathematics, Statistics, Computer Science and Physics have attended the meeting.

Dr. M. Raveendran, Director of Research, TNAU sensitized the Allied Agricultural Scientists to get involved in the projects of plant sciences. He encouraged Tamil faculties to give priority for preparing Tamil syllabus and standard Tamil text books. The language proficiency of under-graduate students from Tamil medium may be improved through special efforts by the English faculties. The foot fall in libraries is to be increased by organizing some competitions for students to encourage them utilize the library frequently.

Dr. P. Balasubramaniam, Director (NRM), Dr. A. Raviraj, Dean (AEC&RI), TNAU, Coimbatore and Dr. N. Maragatham, Dean (Students' Welfare) have presented action taken on the recommendations of 2nd Allied Agricultural Scientists Meet and progress of research in the respective faculties.

Remarks

a. General recommendations

- All Allied Agricultural Scientists were sensitized to get involved in the research projects of plant sciences
- All the scientists were encouraged to publish in Journal of NAAS score > 6 and to attract external funding supports involving biological scientists

b. Tamil

- The services of Tamil faculties may be utilized for preparing Tamil syllabus and standard Tamil text books in view of the introduction of Tamil medium of instruction
- They may be utilized for English translation works while preparing Annual reports/CPG/Status report *etc.*, and a 'Tamil Cell' may be established exclusively for translation work
- Tamil text book preparation for B.Sc. Agriculture (Hons.) and B.Sc. Horticulture (Hons.) may be completed at the earliest.
- High yielding varieties in major crops and other traditional agricultural practices as mentioned in *Sanga ilakkiyangal* and *Chola* period may be compiled
- A Compilation of Technical terms in Tamil may be prepared by taking help from all Tamil faculties in other campuses.
- All Tamil faculties may be involved in teaching Tamil language to the students from other states/countries, who are undergoing courses in TNAU.

b. English

- Students who got admitted from Tamil medium schools may be motivated to improve communication skill/ language proficiency through special drives
- Efforts may be taken to empower those students to develop employability skills such as competitive exams/interviews/ Group discussions *etc.*
- Students aspiring for higher education in abroad may be identified and trained in TOEFL, GRE, IELTS *etc.*
- The English faculties may be utilized for Tamil translation works while preparing Annual reports/CPG/Status report *etc.*, and a 'Publication Cell' may be established in DPM exclusively for this work
- English faculties with extra caliber may be promoted to write articles/ column in leading English dailies

c. Library

- The foot fall in libraries may be increased by organizing some competitions for students to encourage them utilize the library frequently.
- Frequent interaction by the librarians with Heads of Department, scientists and students for subscribing to research journals and purchase of text books was discussed.
- Reading habits of students may be improved through allotment of compulsory Library hours.
- The students should be given assignments in order that they may be use the library.
- The librarians may facilitate in conducting online seminars/conferences for PG /Ph.D. students
- Sensitization program for IRINS, Research Gate and ORCID may be conducted by the librarians.
- Efforts may be taken to issue 'Universal Smart ID card' to the students which can be utilized for all purposes

d. Physical Education

- Developmental activities for creating necessary infrastructure for physical education in all campuses may be ensured.
- The students may be motivated to participate in All India Tournaments by giving special permissions.

e. Journalism

- The approved URP on Effectiveness of *Uzhavarin Valarum Velanmai* is to be carried out as per the technical programme.

f. Veterinary Science

- Veterinary scientists should take up research projects relating to animal nutrition, impact of feeding improved forage crop varieties in influencing animal health and milk yield *etc.*
- Disease diagnostic programmes, trainings on animal husbandry *etc.*, may be planned by Veterinary scientists in each KVK/campus.
- Veterinary Scientists should co-ordinate with Agronomists in the Research Stations / KVKs for establishment of IFS model for the benefit of visiting farmers and other training programmes.

g. Agricultural Chemicals/ Organic Chemistry

- Faculties of Agricultural Chemicals/ Organic Chemistry were encouraged to develop products to address the issues of farmers and other stake holders

- Their expertise may be utilized in the research projects aiming on stress mitigation and bio mineralization as multi-disciplinary approach

h. Mathematics

- The Professor and Head, PS&IT to arrange for a brain storming session to develop prediction model for pest and disease incidence.
- Text book on 'Elementary Mathematics' may be prepared for the benefit of students
- Their services may be well utilized in Economics/Bio-informatics/RSGIS/ Big data analysis

i. Statistics

- More text books on Agricultural statistics may be written by the faculties for the benefit of students.
- Time series and forecasting modeling may be developed involving biological scientists.
- R package may be applied for statistical inference as it offers a wide variety of statistics-related libraries.
- Scientists were encouraged to propose external funded projects involving biological scientists.

j. Computer Science

- Computer scientists were encouraged to render technical support to bioinformaticians.
- Research projects involving Big data analysis, machine learning, Artificial intelligence *etc.* may be proposed for funding.
- The computer scientists were sensitized to develop improved software for data analysis

k. Physics

- Dr. Soundarajan Devaraj, AP, Physics, Dept. of Entomology has not reported for review. An enquiry committee may be constituted to review his work by the Director CPPS.
- Discussion to be made with IARI scientists for education and research related to physics in TNAU.

LIST OF PARTICIPANTS

Sl.No.	Name & Desgination	Place of work
TAMIL		
1	Dr.SELVARASU, K, Professor	DODL, Coimbatore
2	Dr.P.Sengottaian, Asst.Prof.	DSW, AC&RI, Coimbatore
3	Dr.VELLAICHAMY, P, Professor	AC&RI, Madurai
4	Dr.MANIMEKALAI, M, Professor	ADAC&RI, Trichy
5	Dr.RAJAGANAPATHY, B, Assistant Professor	AC&RI, Eachankottai
6	Dr.KUMARAN, K C., Assistant Professor	HC&RI, Periyakulam
ENGLISH		
1	Mrs.SHANMUGAPRIYA, S.P., Assistant Professor	DSW, AC&RI, Coimbatore
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4	Dr.K.Thangaraj, Asst.Prof.	ADAC&RI, Trichy
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MATHEMATICS		
1	Dr.Duraisamy, M.R., Professor and Head	Dept. of PS&IT, AEC&RI, Coimbatore
2	Dr.Sathy, R, Professor	Dept. of PS&IT, AC&RI, Coimbatore
3	Dr.Vasanthi, R, Associate Professor	Dept. of PS&IT, AEC&RI, Coimbatore
4	Dr.Nirmaladevi. M, Assistant Professor	AC&RI, Killikulam
5	Dr.Sivasankari, P., Associate Professor	AC&RI, Madurai,
6	Dr.PANGAYARASELVI .R, Associate Professor	Dept. of PS&IT,AEC&RI, Coimbatore

7	Dr.Eswari, A, Assistant Professor	Dept. of PS&IT,AEC&RI, Coimbatore
8	R.SUGANTHA KUNTHALAMBAIGAI Assistant Professor	HC&RI (W), Trichy
9	Dr.Ananthi, S, Assistant Professor	HC&RI (W), Trichy
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1	Dr.Patil Santosh Ganapati	Dept. of PS&IT, AEC&RI, Coimbatore
2	Dr.RADHA, M, Assistant Professor	AC&RI, Madurai
3	Dr.PRABAKARAN, K, Associate Professor	AC&RI, Killikulam
4	Dr.GANGAI SELVI, R, Associate Professor	Dept. of PS&IT, AEC&RI, Coimbatore
5	Dr.ARULANANDU, U, Professor	ADAC&RI, Trichy
6	Dr.SARAVANAN, P.G, Assistant Professor	HC&RI, Periyakulam
7	Dr.VIJAYA BHAMA, M, Associate Professor	FC&RI, Mettupalayam
PHYSICS		
1	Dr.S. Kulanthaisamy, Professor	O/o Controller of Examination, AC&RI, Coimbatore
2	Dr.D.JAYA SUNDARA SHARMILA AssistantProfessor	Dept. of Nano Technology & Science, AC&RI, Coimbatore
3	Dr.PON SATHYAMOORTHY, AssistantProfessor	Dept. of Nano Technology & Science, AC&RI, Coimbatore
4	Dr.SOUNDARARAJAN, Devaraj, Assistant Professor	Dept. of Entomology, AC&RI, Coimbatore.
CHEMISTRY/ORGANIC CHEMISTRY		
1	Dr.V.P.Santhana Krishnan, Assistant Professor	Dept. of Plant Biotechnology, CPMB, CBE
AGRICULTURAL CHEMICALS		

1	Dr.K.Senthil, Asst.Prof.	AC&RI, Madurai
2	Dr.S.Vellaikumar, Asst.prof.	AC&RI, Madurai
COMPUTER SCIENCE		
1	Dr.SRIDEVY, S, Associate Professor	Dept. of PS&IT, AEC&RI, Coimbatore,
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3	Mrs.VANITHA, G, Assistant Professor	School of Post Graduate Studies, AC&RI, Coimbatore
4	Mrs.HEMA BHARATHI, C, Assistant Professor	O/o DEE, AC&RI, Coimbatore
5	Dr.M.Parthiban, Assistant Professor	Study Leave
6	Dr.ANANDHI, V, Associate Professor	Dept. of PS&IT, AEC&RI, Coimbatore
7	Dr.KALPANA, M, Associate Professor	ADAC&RI, Trichy
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LIBRARY SCIENCE		
1	Dr.PREMA, C, Librarian	Library, Centre for Student Welfare, Coimbatore
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3	Mrs.Subangi, M.C., Asst.Librarian	AEC&RI, Kumulur
4	Mr.K.Thangavelu, Asst.Librarian	HC&RI, Periyakulam
5	Thiru.SAMPATHKUMAR , P Assistant Librarian	FC&RI, Mettupalayam

6.	Dr. M.Sankar, Assistant Librarian	AC&RI, Vazhavachanur
VETERINARY SCIENCE		
1.	BALUMAHENDIRAN. M (Under Study Leave)	AC&RI, Vazhavachanur
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4.	KRISHNA KUMAR.S. (Deputation from TANUVAS)	Veterinary Unit, Coimbatore
5.	KUMAR, G.	AC&RI, Killikulam (Agronomy)
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7.	RAMASAMY.M.	Virinjipuram (KVK)
8.	SABAPATHI.M.	Needamangalam (KVK)
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11.	THANGADURAI.R	Papparapatty (KVK)
12.	THIRUNAVUKKARASU.M	Veterinary Unit, Coimbatore
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3	Dr.PARTHIBAN, C, Director of Physical Education	AC&RI, Madurai
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5	R.ARIVAZHAGAN, Teaching Assistant	AC&RI, Eachangkottai
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OTHERS		
1	Mrs.SASIKALA, R M.A. (Journalism), Assistant Professor	Directorate Extension Education, AC&RI, Coimbatore