

REPORT ON

Visit to Ag Hub – Agri - Innovation Hub of Professor Jayashankar Telangana State Agricultural University (PJTSAU), Hyderabad.



Ag Hub is a first of its kind Incubator located at Professor Jayashankar Telangana State Agricultural University (PJTSAU), Hyderabad to promote Food and Agritech start-ups and its rural innovation to promote rural entrepreneurship among rural youth, women, etc.

Students, Faculty and IIC Members of Nalla Narasimha Reddy Education Society's of Group of Institutions visited Ag Hub at PJTSAU, Rajendranagar, Hyderabad, Telangana on 16-05-2022.

The staff and students of NNRG gathered at AgHUB office and had an interactive session with madam **Dr.Kalpana Sastry**, Managing Director, AgHUB, Agricultural University, Hyd on the importance of Agritech based innovations and incubation.

Dr Kalpana Sastry said that the engineering skills are needed in all units, say Mushroom unit for example and emphasized the role of Hydroponics in Drip irrigation system which is the sensor based. She has a belief that convergence of all disciplines is the need of the hour. NABARD funded 7 projects and their idea is to create and support the innovations relevant in the Agri and Rural Development sectors. She told that Hub is more than Incubator. Hub is suppose to be a place where triggering the innovative ideas by reaching the goals.

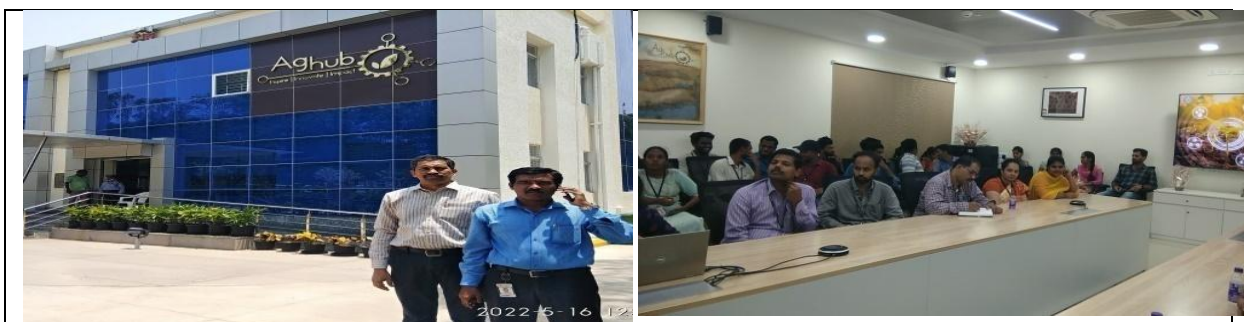
By 2070, we must bring the value system by bringing the changes at local level and global level, she added. This is possible by involving all young engineering students by making possible products. Asifabad in Telangana State is the backward area where the live hood is below poverty line which requires happiness through the incubators.

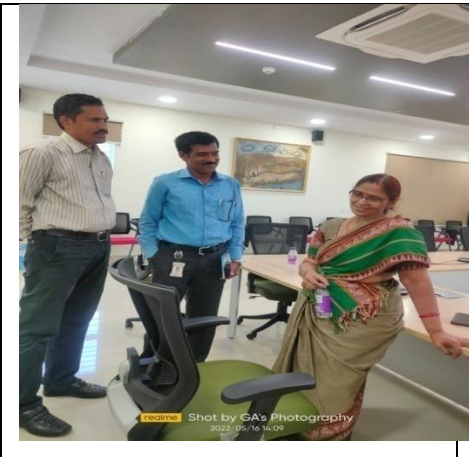
AgHub is planning to establish innovative centers at Vikarabad, Warangal and Jagityal in Telangana State to promote innovative agri based products.

Dr Kalpana Sastry while discussing on innovative ideas, she told that Battery operated power raking machine is introduced by a team of engineering students and its usage in poultry farms is highly appreciable as Hyderabad has a number of poultry farms. At the end of the session, Dr.G Subba Rao asked for a clarification on “How the AgHub help the farmers in marketing” followed by some more questions raised by the students of NNRG. Finally the session was concluded by vote of thanks.

Prior to the visit of Ag HuB the entire team of NNRG visited ‘**Tafe spares and assemble unit division**’ at Agricultural University where Mr. Arul, Technical Engineer explained various parts of Tafe engine, Gear box, Flywheel, Hydraulic systems, Engines Capacities and Tillers. Mechanical engineering students had an interaction with Mr Arul in this regard. All the staff and students later visited the agriculture land of 10 acres where the functioning of **drip irrigation system** was explained and shown how it works with the help of a **mobile app**.

Dr G Janardhana Raju, Convener, IIC-NNRG, Dr Krishna Mohan Chinnala, Vice-President IIC-NNRG, Dr Ravi Chandra, Convener R&D Cell, Prof PK Kulkarni, Convener ARIIA, Dr Srihari Raju, CSE Department, senior faculty members and students of Civil, Mechanical, Electrical, Electronics and Communication Engg Dept, Pharmacy and MBA students.





Dr G SUBBARAO
Event Co-ordinator

Dr G JANARDHANA RAJU
IIC-CONVENER & DEAN-SoE