



Report of the ONE-Day National Conference- **SNCIETS-2020** **REPORT**

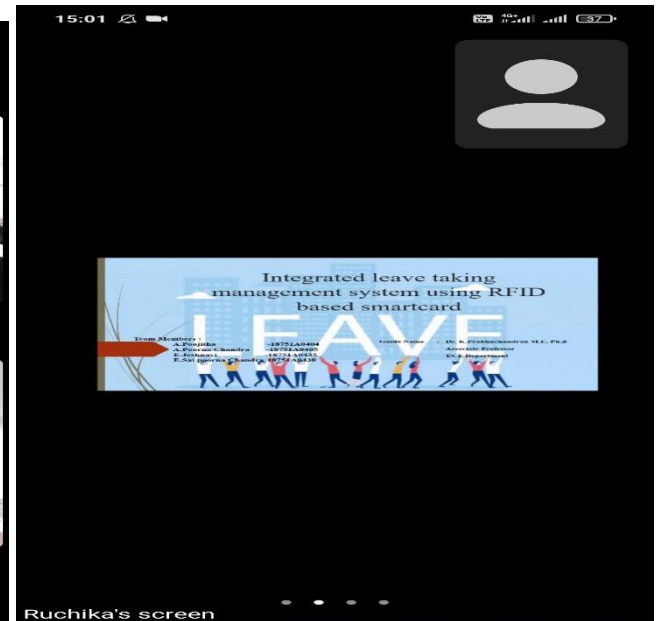
The “**SITAMS NATIONAL CONFERENCE ON INNOVATIONS IN ENGINEERING, TECHNOLOGY AND SCIENCES (SNCIETS-2020)**” is being organized by Sreenivasa Institute of Technology and Management Studies (SITAMS), Chittoor, Andhra Pradesh on 30th June 2020. Sreenivasa Institute of Technology and Management Studies (SITAMS), Chittoor, Andhra Pradesh has excellent & ambient infrastructure with well-equipped laboratories. Well qualified, motivated, and dedicated faculty members are serving in the Institute. Students are encouraged to actively participate in National and State level co-curricular and extracurricular activities. Keeping pace with evolving technology and professional trends to prepare all its students to achieve success in the workplace.

The “**SITAMS NATIONAL CONFERENCE ON INNOVATIONS IN ENGINEERING, TECHNOLOGY AND SCIENCES (SNCIETS-2020)**” is a notable event which brings academia, researchers, engineers, industry experts and students together. We are indebted to the efforts of all the reviewers who undoubtedly have raised the quality of the proceedings. We are earnestly thankful to all the authors who have contributed their research works to the conference. We thank our Management for their wholehearted support and encouragement. We thank our Principal for his continuous guidance. We are also thankful for the cooperative advice from our advisory Chairs and Co-Chairs. We thank all the members of our organizing Committee and all the faculty members.

SESSION CHAIR:

- 1. Dr. S. Vijaya Kumar**
- 2. Dr. Nazeer**
- 3. Dr. Rajesh**
- 4. Dr. Senthil**

Success fully conducted with all of our internal and external faculty members, and certificates are distributed to all the participated participants. Thanking you to all





E-AGRICULTURE IRRIGATION SYSTEM BASED ON WEATHER FORECASTING

Presented by :
 A.V. PRIYA DHARSHINI -
 18751A0407 -
 B.RUCHIKA -
 18751A0418 -
 G.M.K.CHARAN TEJ -

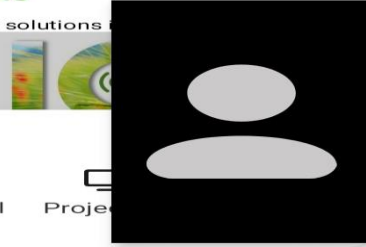
GUIDED BY:
 DR . K . PRABHU CHANDRAN, M.E ,Ph.D.,
 Associate Professor,
 ECE Department.

MOTIVATION

- Motivation for this review paper came from the developing countries where the economy is mostly dependent on agriculture and climate conditions.
- Precision farming is a systematic program designed to maximize the productivity of agriculture by carefully tailoring the soil and crop management.
- This paper highlights the development of an automated irrigation system with portable wireless sensor networks and decision support methods to remotely measure the environmental parameters in an agriculture field .

INTERNET OF THINGS ON WIRELESS SENSOR NETWORKS

- **INTERNET OF THINGS :** IOT smart farming solutions built for monitoring the crop field with the devices across a farm to measure all kind this information to the farmer in real time.
- Wireless sensor based networking system pumping system to crop and feed nutrient



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