



**SETHU INSTITUTE OF TECHNOLOGY**  
(An Autonomous Institution| Accredited with 'A' Grade by NAAC)  
PULLOOR, KARIAPATTI – 626 115.



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**DEPARTMENT OF AGRICULTURE ENGINEERING**

**19UAG402 – SOIL AND WATER CONSERVATION ENGINEERING**

**Activity Supports Employability/Entrepreneurship/Skill Development**

The following activities are conducted in the course for the students to support Employability and skill development.

- Flipped learning from this student would learn about the development of irrigation and drainage system as well as methods of controlling the pollution and erosion of streams, rivers and lakes. They also learn to use biological systems as cleaning systems, namely bio filters and constructed wet lands for purification of air and water, there are many applications for this career field and protecting this agriculture environment. They learn how to apply engineering and designs skill to improve water quality and minimizing pollution from nonpoint source. The resources are used in planning irrigation systems, tillage and cultivation practices, conservation buffers and animal production facilities. This improves their career opportunities in irrigation, including water management and design system.
- Seminar is a short informational talk given to students in the topics such Gully control structures, runoff harvesting system that results in researches of topics on the course. The students are sharing their ideas in way that gives seminar participants an opportunity for discussion. This will develop the self confidence in handling information, making useful notes, and presenting an argument. This would help the students to learn more about the topics. It also helps them to convey their ideas to their friends and teachers. They will start thinking about new things which they think could be implemented practically. By taking seminars in front of their teachers and friends, the students will be able to talk before a crowd later in their life without any difficulty. This will help them to improve their communication skills.

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Prepared by

  
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