

## TITLE: Fertilizer Pit

### Team Details:

Name	Hall Ticket No.	Title	Dept.
N.Srikanth	14K41A0139	Fertilizer Pit	CE
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**Community Partner:** The product is purpose full thing which is to be useful to the public such that the bio degradable and all the vegetable scrap waste can be used to give a organic fertilizer he also suggested to work on it to improve it to next level so that it can reach many people he also thanked our team for such an project and the idea developed by us.

**Abstract:** Compost is the soil-like substance resulting from the controlled aerobic degradation of organics. Composting products (compost, vermicompost, and pit humus or terra preta) derive from raw organic matter coming from biodegradable solid waste or animal or humaneexcreta. Pit humus is the term used to describe the material removed from a double pit technology (double ventilated improved pit, fossaalterna or twin pits for pour flush toilets, composting toilets, arborloos or terra pretatoiets) because it is produced passively underground and has a slightly different composition than compost. Both products can be used as soil conditioners. —They have a high content in nutrients and organic matter. They also provide food for beneficial microbial activity, moderate soil temperature and improve the water and nutrient holding capacity of the soil.

### Photo:

