Best Practice	I
Title of best practice	Tech-based start-ups

The Context: To encourage Science and Technology students to choose entrepreneurship as their careers and motivate the students to convert their Detailed Project Reports (DPRs) and projects into viable business plans. EDC create a common platform for students to submit their project ideas and technically collaborate on this to make the project nationwide so as to be commercialized.

Goal: To create and support 108 tech-based start-ups and a thousand employment opportunities within the next 05 years (2023). This would be done by developing an ideal entrepreneurial eco-system and promoting strong Industry-Academia partnerships, Training, Funding, Mentoring, Support for patents, and commercialization.

The Practice: Entrepreneurship Development Cell provide the following facility for students to start a venture:-
1. Opportunity Identification
2. Infra such as Space (100-200 Sq.Ft), Furniture, Internet etc
3. Mentoring
4. Seed support
5. Marketing Support

Evidence of Success:
1. StayNature – Shortlisted for Top 400 of SMARTFIFTY2018 Contest and ensured rewards worth Rs. 1,00,000
2. SmartWeigh – Shortlisted for Top 3000 of SMARTFIFTY2018 Contest and ensured rewards worth Rs. 50,000
3. Hexagon Hardwares – Shortlisted for the Grand Finale of Smart India Hackathon 2017
4. AgriBot – Shortlisted for the Grand Finale of Smart India Hackathon 2018

Problems encountered and Resource required: Lacking in banks, insurance, electricity, water, raw materials, roads, stock market services capital market, organized product marketing, etc. To overcome the challenges essential trainings and innovative ideas are provided to the students.
Note - EGSPEC EDC Cell provides lot of opportunities to develop students entrepreneurship ideas.

Best Practice	II
Title of best practice	Studies on the efficacy of Rainwater harvesting system under Nagapattinam coastal situation

The Context : The rainfall received in the campus over the total area of 25 acres is collected and stored in natural ponds, there will be huge saving in expenditure but also there is chance of improving the quality of ground water over the years

Goal: To harvest entire quantity of rainwater received in the campus with a view to save the expenditure on water bill and to charge the ground water which is highly saline

The Practice - The rainwater received on roof tops of the building is also made to run into the pond with properly designed pipeline systems. The pond has the storage capacity of 6000 cubic metre of water

Evidence of Success: The result indicates that there is great scope for creation of hundreds of such rainwater storage ponds which will be highly useful for Nagapattinam coastal areas where water scarcity prevails

Problems encountered and Resources required: Roof top rainwater has to be conveyed through proper pipeline system, Civil work viz. surplus water outlet is required Water pumping systems have to be installed for using the stored water.

Notes - Design and Development of Rainwater collection, Storage and usage system are simple and very much needed technology for the water scarce areas