



K S INSTITUTE OF TECHNOLOGY

DEPARTMENT OF COMPUTER SCIENCE & DESIGN

REPORT ON TECHNICAL TALK

“INNOVATE HOW TO INNOVATE”

Semester:	3 rd Semester
Event Type:	Technical Talk
Event Name:	Innovate- How to Innovate
Date/Duration:	04-11-2022 , 1.30-3.00pm
Associated Professional Bodies	AICTE-SPICES, ISTE
No. of Students:	54
Speaker Details:	Dr Immanuel Selvaraj I. Founder Director at i-EL Technologies.
Online link/Offline:	Offline

Event Objectives:

- Provide students an insight in to innovation and how to innovate
- Provide students an opportunity to include innovation in their research, project work and encourage them to develop a product which can be reached to the society.

Event description with pictures:

The programme began with the speaker Dr Immanuel Selvaraj I, Founder Director at i-EL Technologies being welcomed by HoD of Computer Science & Design Dr. Deepa .S.R

K. S INSTITUTE OF TECHNOLOGY
Affiliated to VTU, Belagavi & Approved by AICTE, New Delhi, Accredited by NAAC and NBA (CSE, ECE, ME)
14, Kanakapura Road, Baghuvanahalli, Bangalore City Municipal Corporation Layout, Bengaluru, Karnataka 560075
Tel: 28435724/722 E-mail: principal@kstit.edu.in Web: www.kstit.edu.in

DEPARTMENT OF COMPUTER SCIENCE & DESIGN
IN ASSOCIATION WITH

ISTE
RightEdge

Organizes Technical Talk On

INNOVATE HOW TO INNOVATE ?

DR. IMMANUEL I SELVARAJ
He has done his Ph.D. from IIT, Kanpur and is currently working as a Founder Director at i-EL Technologies. He demonstrates strong leadership skills in Technology (problem solving), Innovation (Open Innovation Management) in Research and Development (R&D) in chemical/plastics/polymer/materials industry.

04.11.22
1:30 PM - 03:00 PM
CONFERENCE HALL NEW BUILDING

Dr. Deepa S.R. Head, Dept. of CSD
Dr. Dilip Kumar K Principal of KSIT
Dr. K.V.A. Balaji CEO of KSIT

Fig. 1 Poster of the event



Fig. 2 Welcome address

The speaker Dr Immanuel Selvaraj I, started the session by asking critical thinking question “What is Innovation?” where the participants were encouraged to come up with their own understanding. The speaker later elaborated on the components and the purpose of the innovation by giving examples and concluded that money cannot be a purpose of innovation.



Fig. 3 Purpose of Innovation

The session continued with the understanding of the different types of innovation, emphasising mainly on incremental innovation and how it can be incorporated in R&D and product development. The speaker explained in detail the process of innovation which can be broadly categorised into strategy which involves identifying the breakthrough opportunities and the market and technology roadmaps, and ideation which includes idea enrichment, evaluation and selection, idea campaign, drives and challenges.

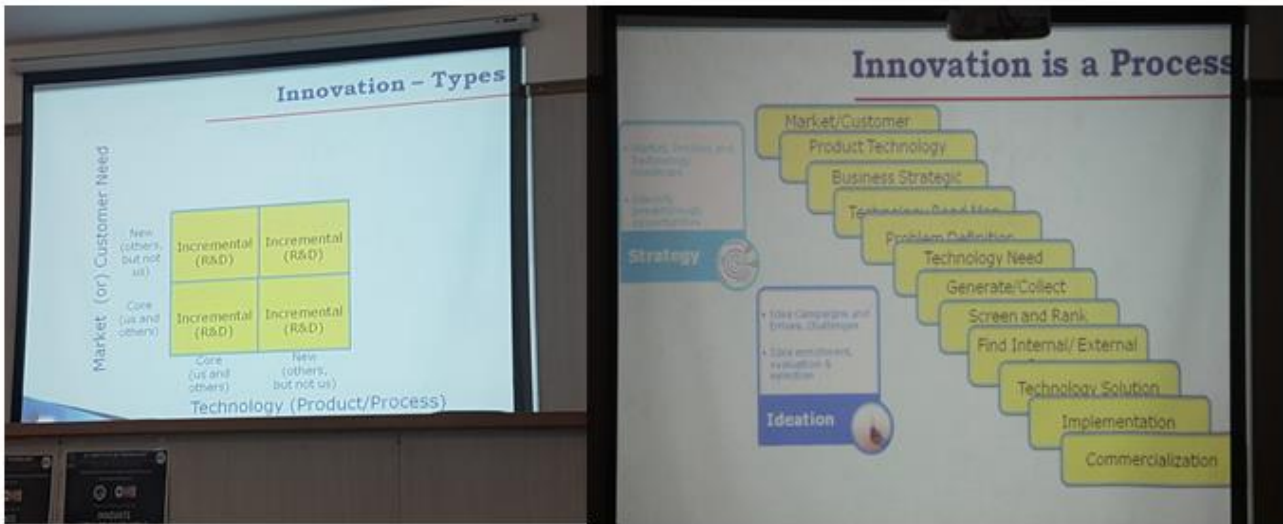


Fig.4 Types and process of Innovation

The last part of the session involved in the Innovation management and latest technology which forms the core of the innovation. The speaker highlighted on how the current market sells their product by including technological innovation in their sale strategy. Speaker concluded the session by giving a glimpse of how the current technology like Artificial Intelligence, Block Chain and IoT has been the part of Healthcare, Automobile, Food, Finance, Mobile App, Transport industry by incorporating innovation.

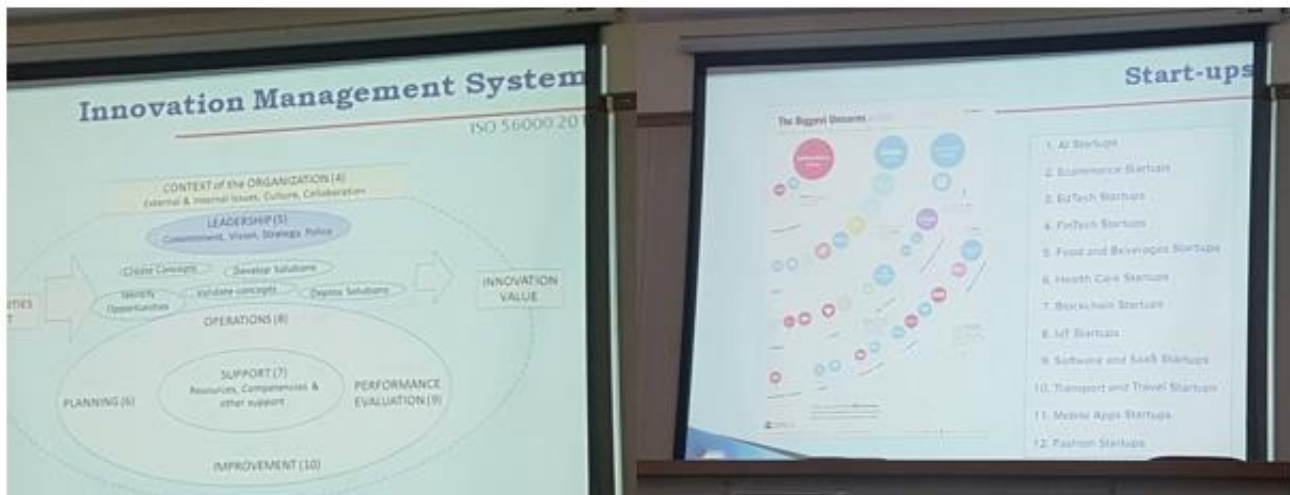


Fig.5 Innovation Management System

The technical talk on Innovate- How to Innovate was a brainstorming session where students gained knowledge on innovation and were encouraged to think to add novelty in their final year project which has an impact to the society.

EO#	EVENT OUTCOMES
EO1	Understand the basics of innovation and design thinking.
EO2	Understand the stages of innovation and application of innovation.
EO3	Utilize the concept of innovation in the research or project development.

EO-PO Mapping

EO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2
EO1	2	2	2	-	-	2	2	-	2	-	-	2	1	1
EO2	2	2	2	-	-	2	2	-	2	-	-	2	1	1
EO3	2	2	2	-	-	2	2	-	2	-	-	2	1	1
	2	2	2	-	-	2	2	-	2	-	-	2	1	1

3	Substantial (High) Correlation
2	Moderate (Medium) Correlation
1	Slight (Low) Correlation
-	No correlation.

PO's Attained: PO1, PO2, P03, PO6, PO7, PO9, PO12

PSO's Attained: PSO1, PSO2

Event Coordinator

HoD

Principal