DEPARTMENT OF COMPUTER SCIENCE

InnoTech, *2023*

Finale on 8th December 2023

GUIDELINES FOR DEPARTMENT

Step 1: Registration

Registrations at department level will be through the Innotech Website and App.

Registration Starts: 10 Nov 2023 @ 9 :00AM
Registration Ends: 25 Nov 2023 @ 5:00 PM

Website: innotech.kiet.edu
App: Innotech KIET on Google Play Store
Email Id: innotech23@kiet.edu

THEME

Inspired by its original ideology of theme-orientation, this edition of InnoTech would be based on the theme of Social Impact Solutions – Contribution towards SDG.

SUSTAINABLE SOCIAL IMPACT SOLUTIONS

Categories: -

1. Innovative Education and Skill Development: (SDG-4, SDG-8, SDG-9)
A.   Technology-driven solutions for enhancing the quality of education.
B.   Strategies promoting equal educational opportunities for all.
C.   Skill development programs fostering employability and entrepreneurship.

2. Ensuring Social Equality and Inclusion:(SDG-5, SDG-10, SDG-16)
A.   Projects fostering gender equality and empowering marginalized communities.
B.   Initiatives promoting social justice and reducing discrimination.
C.   Solutions aimed at creating inclusive societies for all individuals.

3. Environmental Sustainability for Community Well-being & Governance: (SDG-3, SDG-6, SDG-7, SDG-11, SDG-12, SDG-13)
A.   Climate change adaptation and mitigation strategies for communities.
B.   Conservation projects for biodiversity and sustainable resource management.

C.   Initiatives promoting sustainable livelihoods while preserving natural resources.

For Project Based:

    i.   Team size: 1 minimum and 4 maximum, excluding the faculty mentor, if required.

    ii. The Team leader's department will be the department for participation.

    iii. Team leaders can opt for the team members of different departments and courses but department will be considered as that of team leader.

    iv. A student can register with only one team.

For Poster Based:

    i.   Team size: 1 minimum and 4 maximum, excluding the faculty mentor, if required.

    ii.   The Team leader's department will be the department for participation.

    iii.   Team leaders can opt for the team members of different departments and courses, but department will be considered as that of team leader.

    iv.   A student can register with only one team.

The Details of the Registered Teams will be shared to the department on 26th Nov 2023.

Round 1:

1. The projects and posters should address Societal/ Environmental/ Educational and Sustainability Problems as per the theme of InnoTech 2023-24. **Registrations for the event is through the Innotech App and Innotech Website. This registration can be as per the registration guidelines where the team is registered and select a theme category.**

2. The Department level exhibition and evaluation will be done on 30th Nov-1st Dec 2023 (for First Year: 4th Dec 2023) by the respective departments on the Innotech Website/App. Based on the evaluation matrix mentioned below, the Best Six projects (two from each category) and best three posters must be identified (one poster per category) from each department.

3. For the Evaluation of projects, three judges are required where two of them are from different departments/industry persons/Alumni other than parent department. The evaluation criteria is:

Demonstration of Project (10 Marks)	Innovation & Multidisciplinary	Application & Expandability	Target Audience & Commercialisation	Feasibility of technology	Total (50)

Evaluation of posters will be based on following criteria:

Demonstration of Poster	Originality & Scope	Creativity & Reflection of Idea	Practical Implementation	Query Handling	Total (50)

4. Based on round 1 of InnoTech, the results will be mailed by 4 December 2023 to the teams and will be available on Innotech Website along with social media handles.

5. Problem Statements from SIH/ DST/Multi-Disciplinary and other agencies will be preferred. Evaluation of the projects by the Judges will be on these categories under innovation parameters.

Technical Guidelines:

i. Teams can opt for any one of the available categories of the theme and pick a problem statement.

ii. For Project: Develop a solution, whereas for poster, design a solution.

iii. For any procurement of software and hardware, team must arrange the same.

iv. Teams must ensure the project is novel and the same project is not submitted by other department. If the two projects with identical working, title and model found, then both projects may be cancelled.

v. A student can participate only under one team either Project or Poster.

Dr. Ajay Kumar Shrivastava
Chairman-Innotech 2023