YUKTHI-2024
"Concept to Creation"

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KATPENTER ®
CONCEPT TO CREATION

INTERNAL PROJECT EXPO
24 APRIL 2024

Jyothi Engineering College

Report on "YUKTHI 2024 - Concept to Creation"

Introduction:

"YUKTHI 2024 - Concept to Creation," an internal project competition for final-year B.Tech students, was successfully held on 24th April 2024 at Jyothi Engineering College, Thrissur. The event provided a dynamic platform for students to showcase their innovative projects and apply their technical knowledge.

Organizing Committee:

The main coordinators of the event were Dr. Vincy Verghese from the Civil Engineering (CE) department and Mr. Christy V Vazhappilly from the Mechanical Engineering (ME) department. The organizing committee consisted of the project coordinators from all eight engineering departments, ensuring a comprehensive and well-coordinated event. Their collective efforts were instrumental in the successful execution of the competition.

Inauguration:
The event was inaugurated by Rev. Fr. Thomas Kakkassery, Executive Manager and Rev. Fr. Jose Kannampuzha, Academic Director and Dr. Jose P. Therattil, Principal graced the occasion.

Participating Departments and Teams:
- Artificial Intelligence and Data Science (AD): 13 groups
- Civil Engineering (CE): 14 groups
- Computer Science Engineering (CSE): 31 groups
- Electronics and Communication Engineering (ECE): 13 groups
- Electrical and Electronics Engineering (EEE): 10 groups
- Mechanical Engineering (ME): 20 groups
- Mechatronics Engineering (MRE): 13 groups
- Robotics and Automation (RA): 4 groups

Event Tracks and Venues:

The competition was divided into two tracks: Circuit and Non-Circuit, with projects presented in various venues across the campus, including:
- Auditorium
- EAB-415/416
- Seminar Halls
- Department Laboratories
- Classrooms

Awards and Prizes:

KATPENTER Project Excellence Award:

The first prize for each track included a cash prize of Rs. 10,000.

Jyothi Project Excellence Award:

In addition to the main prize, the top three projects from each department were awarded cash prizes of Rs. 3000, Rs. 2000, and Rs. 1000 respectively. These prizes were sponsored by the professional bodies associated with the college, providing additional recognition and encouragement to the participants.

The prizes were given away during the College Day 2024.

Sponsorship:

The event was generously sponsored by KATPENTER, led by Mr. Jose Kattukkaran, an accomplished alumnus of Jyothi Engineering College. His contribution significantly enhanced the competition, highlighting the strong ties between the college and its alumni.

Magazine Presentation:

The event magazine "Tech Quest" was presented, highlighting the innovative projects and technological advancements showcased at the competition.

Conclusion:

"YUKTHI 2024 - Concept to Creation" was a resounding success, showcasing the creativity and technical skills of the students across various engineering disciplines. The event fostered a spirit of innovation and collaboration, with the support of professional bodies and alumni adding further value.

YUKTHI-2024

KATPENTER PROJECT EXCELLENCE AWARD - TRACK 1
(CIRCUIT BRANCHES)

TITLE : GREEN WHEELS: DESIGNING ELECTRIC VEHICLE WITH MULTIPLE ENERGY SOURCES

CONGRATULATIONS

TEAM : ATHUL KRISHNA K. S., JINSON JOSE, JOSBIN K. J.
SUPERVISOR : AKHIL A. BALAKRISHNAN
DEPARTMENT : ELECTRICAL AND ELECTRONICS ENGINEERING

INSTITUTION'S INNOVATION COUNCIL (Ministry of HRD Initiative)
Jyothi Engineering College
IEDC-JEC
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KATPENTER PROJECT EXCELLENCE AWARD - TRACK 2
(NON-CIRCUIT BRANCHES)

TITLE : UNDER WATER ROV FOR INSPECTION

CONGRATULATIONS

TEAM : JOSHUA JOSE, ANGELO RISON K., ASWIN K. D.
SUPERVISOR : ATHIRA P. PREMAN
DEPARTMENT : ROBOTICS & AUTOMATION

INSTITUTION'S INNOVATION COUNCIL (Ministry of HRD Initiative)
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KATPENTER PROJECT EXCELLENCE AWARD

Track 1 Circuit Branches	Y24EEE10
Track 2 Non-Circuit Branches	Y24RA02

DEPARTMENTAL PROJECT EXCELLENCE AWARD

Dept	Rank	Project ID
AD	1	Y24AD05
AD	2	Y24AD02
AD	3	Y24AD09
CSE A	1	Y24CSA08
CSE A	2	Y24CSA13
CSE A	3	Y24CSA02
CSE B	1	Y24CSB07
CSE B	2	Y24CSB08
CSE B	3	Y24CSB02
ECE	1	Y24ECE10
ECE	2	Y24ECE11
ECE	3	Y24ECE03
EEE	1	Y24EEE07
EEE	2	Y24EEE04
EEE	3	Y24EEE09

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CE	1	**Y24CE03**
	2	**Y24CE01**
	3	**Y24CE11**
ME A	1	**Y24MEA05**
	2	**Y24MEA08**
	3	**Y24MEA01**
ME B	1	**Y24MEB08**
	2	**Y24MEB06**
	3	**Y24MEB02**
MRE	1	**Y24MRE03**
	2	**Y24MRE04**
	3	**Y24MRE12**
RA	1	**Y24RA04**

Mr. Christy V Vazhappilly
YUKTHI 2024 Coordinator

Dr. Vincy Verghese
YUKTHI 2024 Convenor

Dr. JOSE P
Principal
Jyothi Engineering College
Cheruthuruthy - 679531

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