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डिजाइन के पंजीकरण का प्रमाणपत्र
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डिजाइन सं. / Design No. : 380421-001
तारीख / Date : 28/02/2023
पारस्परिकता तारीख / Reciprocity Date* :
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प्रमाणित किया जाता है कि संलग्न प्रति में वर्णित डिजाइन जो **DIAPER RECYCLING MACHINE UNIT** से संबंधित है, का पंजीकरण, श्रेणी **23-99** में 1.Jyothi Engineering College 2. Nice Menachery 3.Arjun K M 4.Kishor V Gopal 5.Navaneeth Nalesh C T 6.Devadath P R 7.Aswin Kd 8.Jinesh K J के नाम में उपर्युक्त संख्या और तारीख में कर लिया गया है।

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KARTHAVYA HACKATHON 2023 - REPORT

KARTHAVYA, the 48 hour national level hackathon was organised from 1st December 2023 – 3rd December 2023 by Jyothi Engineering College, Cheruthuruthy, Thrissur in association with Kerala Institute for Local Administration(KILA), Thrissur District Panchayath, IEDC_JEC, IIC_JEC, ISTE_JEC and Kerala Startup Mission(KSUM). The theme of the hackathon was ‘Safe and Scientific Solid Waste Management.’ There were 70 registrations from 11 states out of which 30 were shortlisted representing 20 colleges.

ഓൾ ഇന്ത്യ പ്രോജക്ട് മത്സരം

തൃശ്ശൂർ

കേരള ശുചിത്വ മിഷൻ, ജില്ലാ പഞ്ചായത്ത്, സ്റ്റാർട്ടപ്പ് മിഷൻ കേരള, കില എന്നിവയുടെ സഹകരണത്തോടെ ജ്യോതി എൻജിനീയറിംഗ് കോളേജിൽ ഓൾ ഇന്ത്യ പ്രോജക്ട് മത്സരം വെള്ളി, ശനി, ഞായർ ദിവസങ്ങളിൽ നടക്കും. സുരക്ഷിതവും ശാസ്ത്രീയവുമായി ഖരമാലിന്യം എങ്ങനെ നിർമ്മാർജ്ജനം ചെയ്യാം എന്ന വിഷയത്തിലാണ് മത്സരം. വിവിധ സംസ്ഥാനങ്ങളിൽനിന്ന് അമ്പതിൽപ്പരം കോളേജുകൾ മത്സര

ത്തിൽ പങ്കെടുക്കും. രണ്ടുലക്ഷം രൂപയാണ് സമ്മാനത്തുക.

നൂതനമായ രീതിയിൽ ഖരമാലിന്യം എങ്ങനെ കൈകാര്യം ചെയ്യാം എന്ന വിഷയത്തിൽ കേരള ശുചിത്വ മിഷന്റെ ക്ലാസ് മുണ്ടാകും. മികച്ച പത്ത് ആശയങ്ങൾക്ക് പ്രത്യേക പുരസ്കാരങ്ങളും നൽകും. ‘മാലിന്യ മുക്തം നവകേരളം’ എന്ന ആശയം മുൻ നിർത്തിയാണ് മത്സരം സംഘടിപ്പിക്കുന്നത്. ജില്ലാ പഞ്ചായത്ത് പ്രസിഡന്റ് പി കെ ഡേവിസ് ഉദ്ഘാടനം ചെയ്യും.

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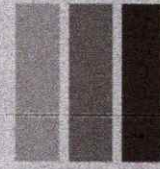
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Innovation for Eco-Conscious Future



70

REGISTRATIONS

30

SHORTLISTED

20

COLLEGES

11

STATES



48-HOURS
NATIONAL LEVEL HACKATHON
DECEMBER 1, 2 & 3

THEME : SAFE AND SCIENTIFIC SOLID WASTE MANAGEMENT
VENUE : JYOTHI ENGINEERING COLLEGE ,CHERUTHURUTHY,THRISSUR



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DAY 1 (01-12-2023)



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Teams arrived at the venue on Dec 1 , where they were enrolled to their respected team counters during the registration process. The participants were instructed about their essentials of the hackathon and provided facilities to get relaxed and freshen up.

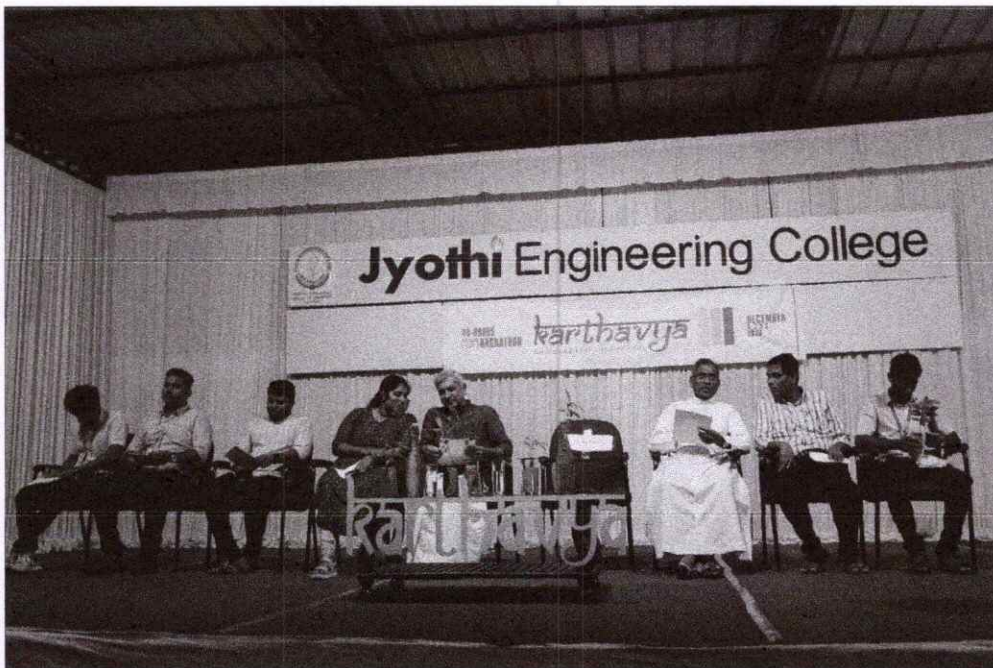


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The participants were then informed to arrive at the inaugural ceremony held at the college auditorium at 7:00 pm. The program was commenced with a prayer. Dr. Biju CV , the HoD of Mechanical Engineering Department gave a warm welcome to the chief guests followed by the presidential address by Rev. Fr. Dr. Jose Kannampuzha , the Academic Director of the college. The program was inaugurated by igniting the lamp. The inaugural address was given by Mr Manoj K , the district coordinator of Information Kerala Mission (IKM), Ms. Maya Teacher, Member of Thrissur District Panchayath was the Guest of Honour . As to give a brief about the programme the Program overview was lend out by Mr. Nice Menachery, Convener of Karthavya Hackathon. For the Vote of thanks Mr. Shon Shibby, the Student coordinator of the Karthavya Hackathon had the final words of the inaugural ceremony.



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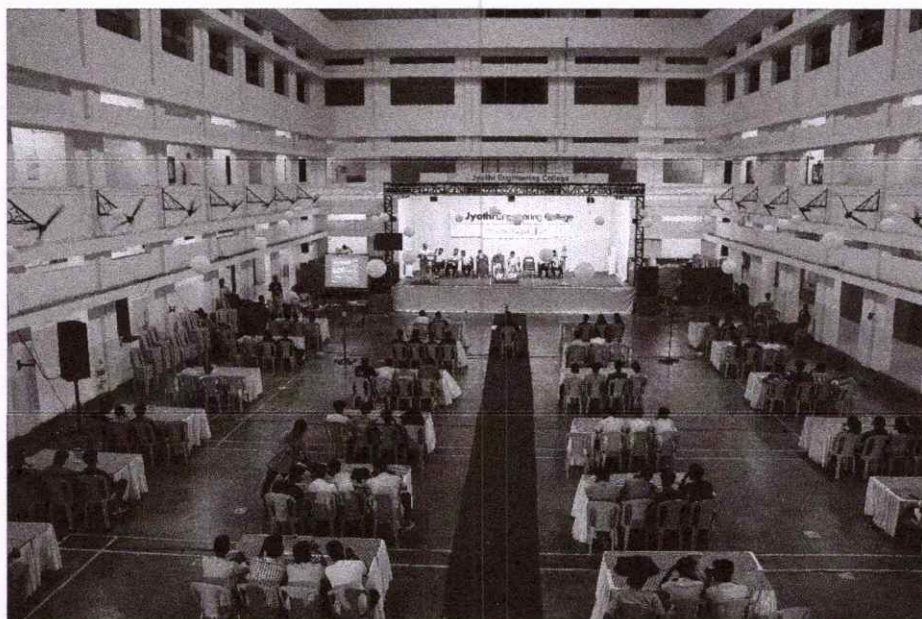


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There was a short session by Mr. Arjun K M, Staff Coordinator as he briefed the entire segments of the hackathon. A final volunteer meeting was conducted 11pm giving a brief idea about the next day duties and preparation required.



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There was an interactive session by the subject experts from KILA, which was highly beneficial for the participants in identifying real life problems.

The participants were given an option to work or rest as there were concerns about the lack of sleep due to the nocturnal hackathon. By 10:00 pm the dinner was ready to be served to the participants and volunteers. The volunteers were assigned to help & guide the participants and their needs. The volunteers were rotated by default as the hackathon continued for the night.



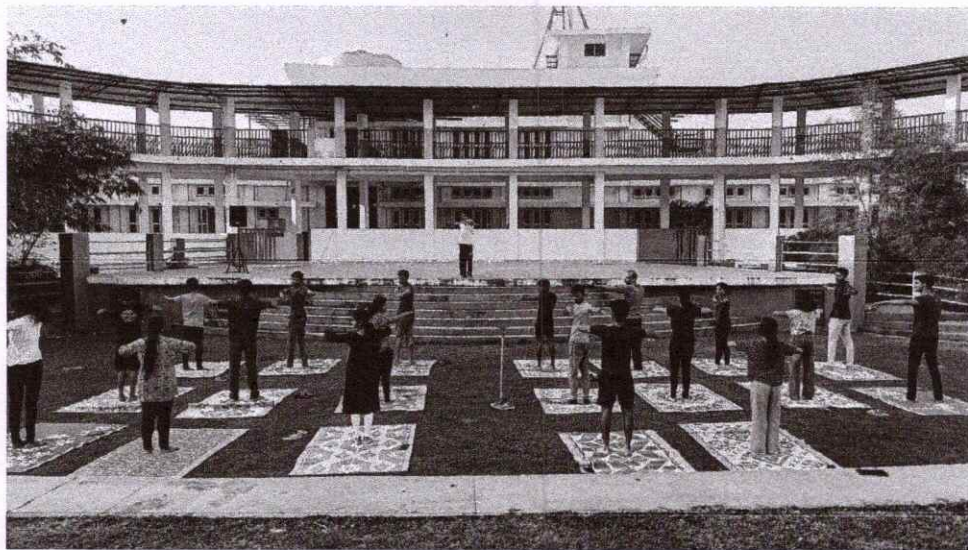
DAY 2 (02-12-2023)

Day 2 of Karthavya started with a yoga session in the morning led by Mr. Jenson Jose, HoD- EEE.

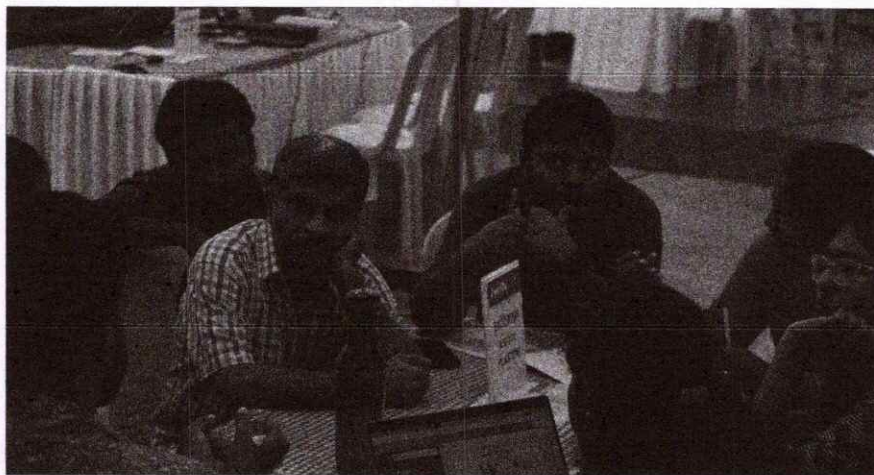
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At 8:00 am the breakfast was provided to the participants and by 9:00 am the teams were asked to report at their designated space. At 9:00 am sharp the hackathon continued along with volunteers being assigned to take the attendance of the present participants of each team. A mentoring team was provided where they would provide thoughtful insights, assists, and guide the participants in case of any doubts on their respective projects. The mentoring team visited each team one at a time. Mentoring session was concluded by 12:30 pm and lunch was served.



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The mentoring panel were subject experts from KILA and LSGD's and technology masters from JEC and outside. The participants were asked to report back by 1:30 pm for and fill in their attendance forms. A mentoring session by the students from college was conducted to help the participants with their projects and doubts. By 4pm the students were taken to TATA – Jyothi IIIC, where hands on training was provided in Robotics, EV, CNC etc.

Cultural activities were arranged at 6:40pm to rejuvenate the participants. The programs were fully organised by the students' team. The cultural event was concluded by 7:40 pm followed by an interactive class by Mr. Vimal Nair of Wadhawni on Business presentation of the proposed idea. Later, dinner was provided by 9:00 pm. The participants were again working on their respective projects. A last meeting for volunteers were conducted wherein they were designated with tasks and needs to be met for the following day.

DAY 3 (03-12-2023)

The final day witnessed preliminary valuation. The preliminary valuation was arranged in three parallel tracks. Top 10 teams were shortlisted from this presentation, who were directed to the final presentation. This was followed by presentation in front of the Mega Jury panel. Closing ceremony was arranged at

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5:00 pm. Mr. Vijayakumar Menon was the chief guest. Prizes were given to top performing 10 teams and to the title winners.

The winning teams are as follows

1ST PRIZE : TEAM TECHZGREEN KR-109 (Startup)

2ND PRIZE : TEAM NOVAL KR-111 (Govt. Polytechnic College, Chelakkara)

3RD PRIZE : TEAM REDFOX KR-131 (GEC, Barton Hill)

First prize consisted of Rs. 40000/- as cash award, gift hampers, certificates, and trophy. The second and third cash awards were Rs. 20000/- and Rs. 10000 respectively along with other gifts.



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