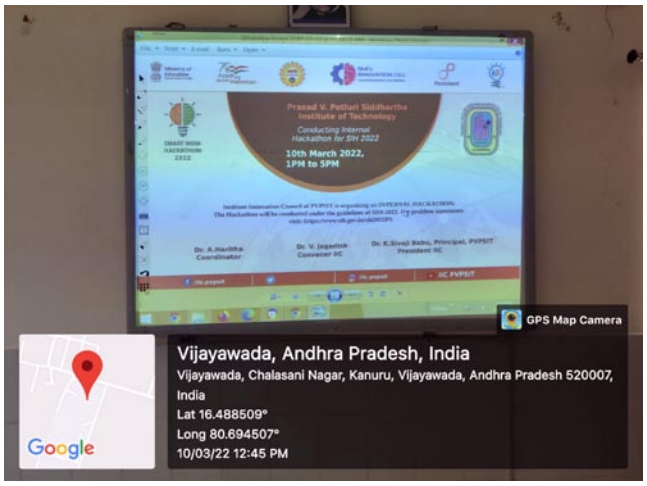
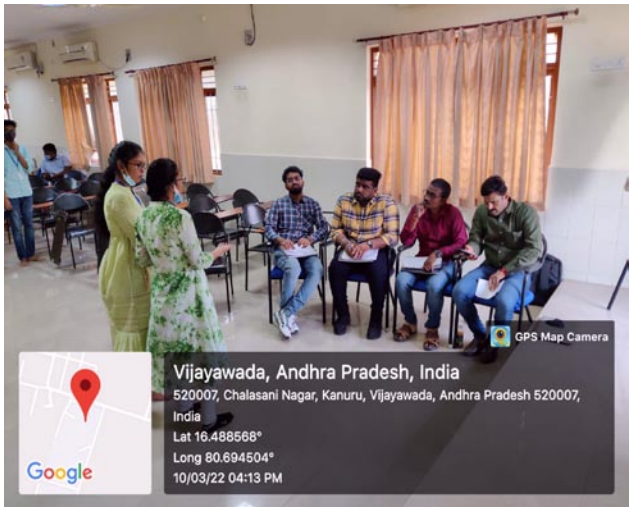
PRASAD V POTLURI SIDDHARTHA INSTITUTE OF TECHNOLOGY
(AUTONOMOUS)
KANURU, VIJAYAWADA-7
INSTITUTION'S INNOVATION COUNCIL

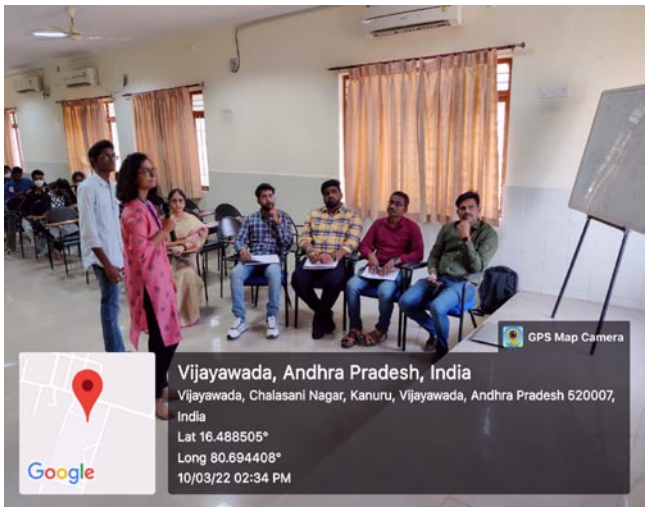
Internal Hackathon

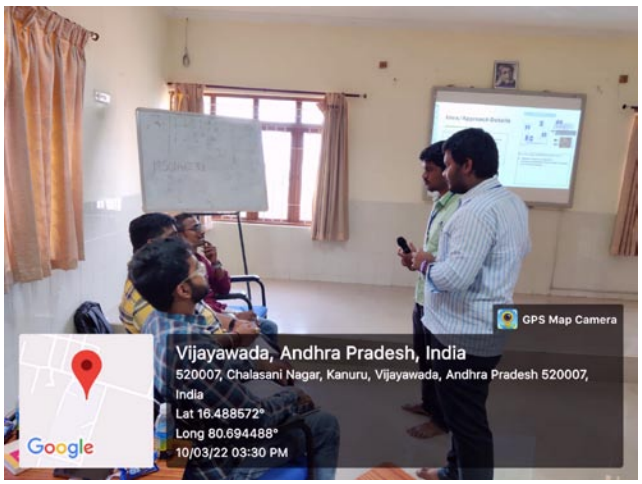
Judges

D Rahul Kiran, P Bhaskarachari, Managing Director, Jolton Electronics pvt.ltd and B Sumanth, Product Lead, DBS Bank were invited as the Judges.









The Institute Innovation Council (IIC) of Prasad V Potluri Siddhartha Institute of Technology under the guidance of Dr.V Jagdish, Convener IIC, PVPSIT and Dr.A Haritha SPOC SIH 2022 ,organised an INTERNAL HACKATHON on 10th March, 2022 as per the guidelines of SMART INDIA HACKATHON 2022. The event was also graced by the presence of Dr K Sivaji Babu, Principal PVPSIT, President IIC PVPSIT. Students identified various problem statements in both Software and Hardware categories given in the SIH problem statements portal and came up with innovative and feasible solutions to the adopted problem statements.

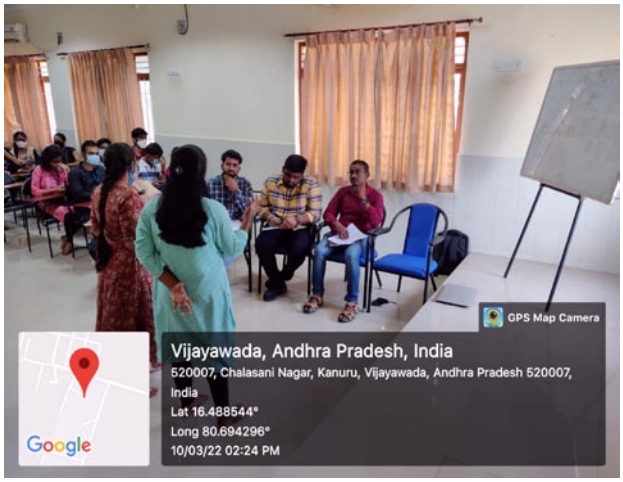
A total of 28 teams with 162 students from the departments of Computer Science, Information Technology, Electronics and Communication Engineering, Electrical and Electronics Engineering and Mechanical Engineering participated in the event. 87 from Female category and 75 from male category took part in this event.
CSE- 10 Teams
IT- 4 Teams
ECE- 7 Teams
EEE- 5 Teams
MECH- 2 Teams

Some of the Problem Statements attempted by the students include Connected Health, National Scholarship and International Scholarships at one portal, PS Code:AU1055 Economic Waste Management System for each city or village,Integrated information platform for information about indian universities,Development of image processing - based approach to estimate flood inundation probability by utilising multiple satellite images from microwave and optical sensors, PS Code: BV807 Air Pollution and Stubble Burning in Delhi/NCR, SM963-STUDENT INNOVATION-DRONES, RV1258 Secured Wireless Controller for handheld remote operation of traffic signals in peak hours,AU1060 Hydro Revival Process,To maintain and enjoy health relationships with other" PS Number--KH1155,Student Innovation PS Number- SM966, Promoting fitness Through Gamification PS Number AK1107, solar panel with solar tracking device without power consumption ps number-DA1065,AI based Chatbot to answer FAQs PS Number : DR702, Work clothing that has sensors embedded in it to securely transmit data to managers about hazardous conditions and the workers' physical conditions, improving safety overall PS NO:NC738, Energy conservation With using Modern technology PS NO : DR704, Heritage and culture, Excess Water Capture System, Block Chain, Smart Education, Smart Education, Local Dialects Recognition, Agriculture and Rural Development Domain, Vehicle Servicing and Transport, Innovate ideas that help manage sustainable sources more efficiently, Free Electricity Consumption, A device for water reuse, Automated Notes maker from audio recording, Speech Emotion Recognition (SER) on live calls while creating events.

D Rahul Kiran, P Bhaskarachari, Managing Director, Jolton Electronics pvt.ltd and B Sumanth, Product Lead, DBS Bank were invited as the Judges.The ideas presented in the Hackathon were marked based on presentation pitching and following four criteria: Appropriateness of the proposed solution to the problem statement, Innovativeness of the proposed solution, Feasibility of the proposed solution and Quality and Efficiency of the implementation. Out of the 28 teams 10 teams will be selected and 5 teams will be put on the waiting list for Idea Submission.

Total Teams Participated

Total Teams participated is 28



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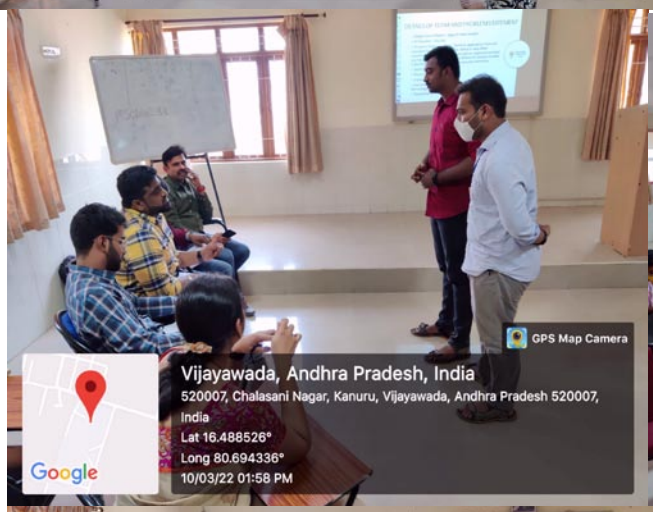
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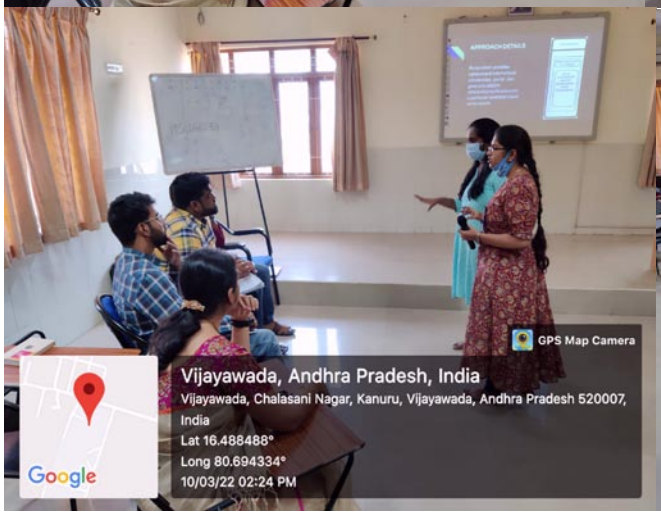
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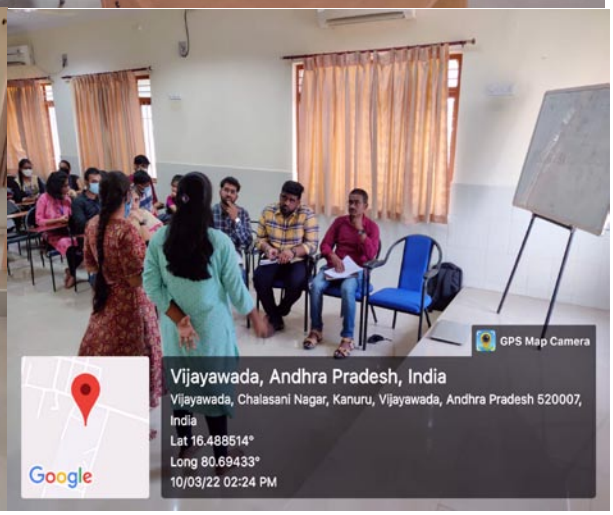
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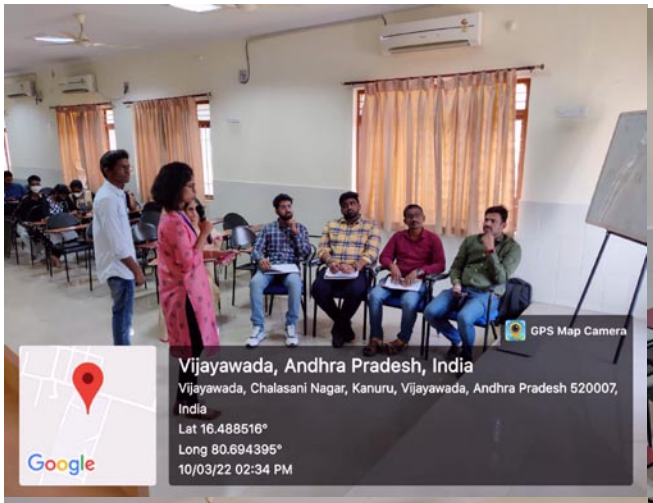
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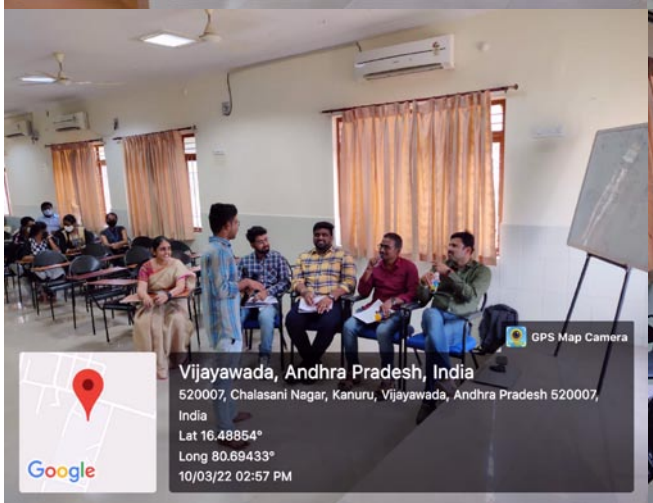
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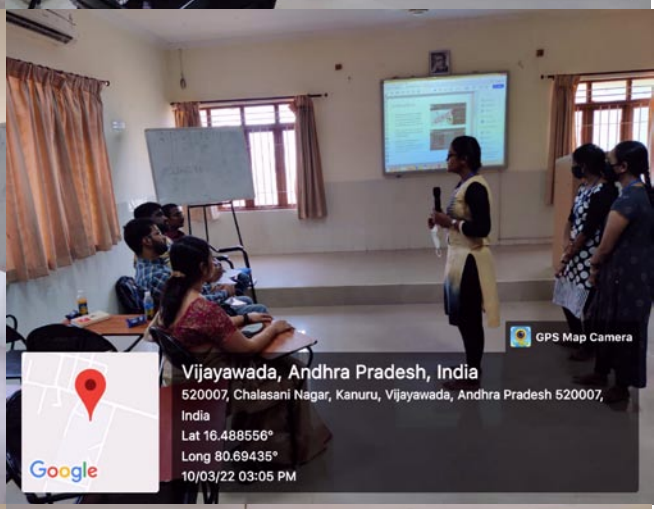
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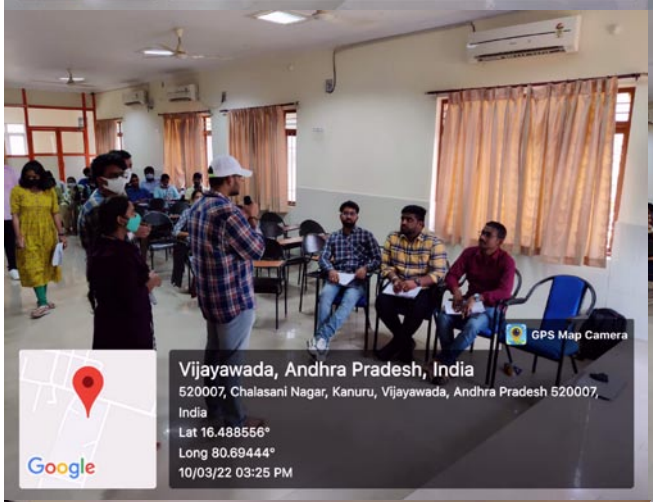
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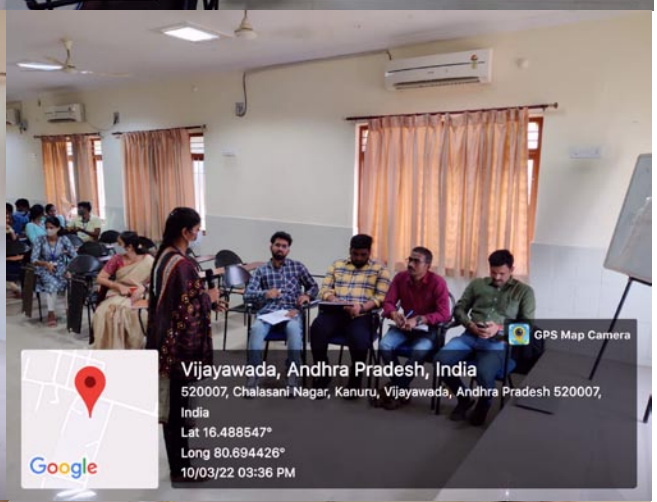
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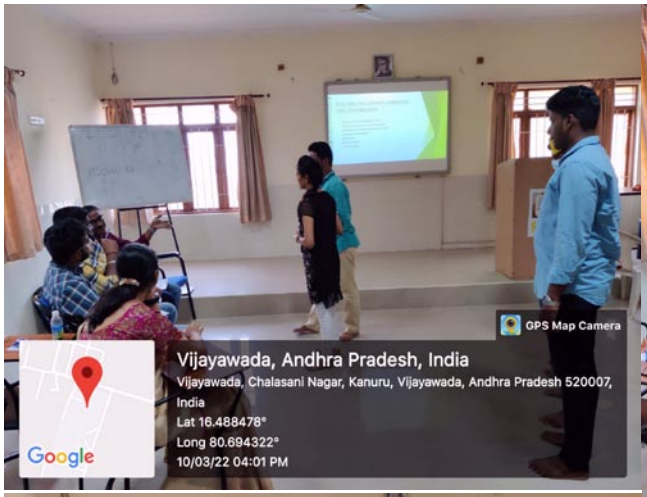
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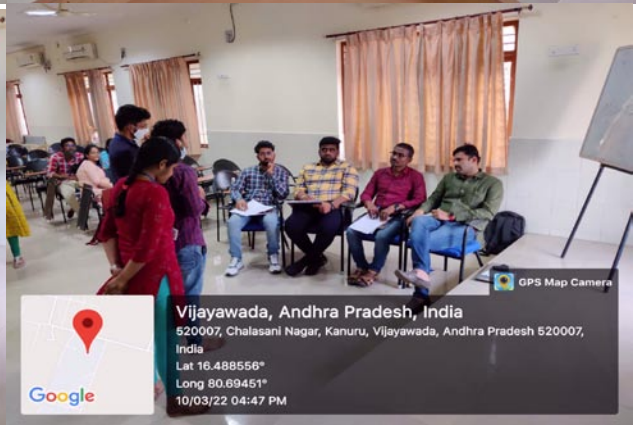
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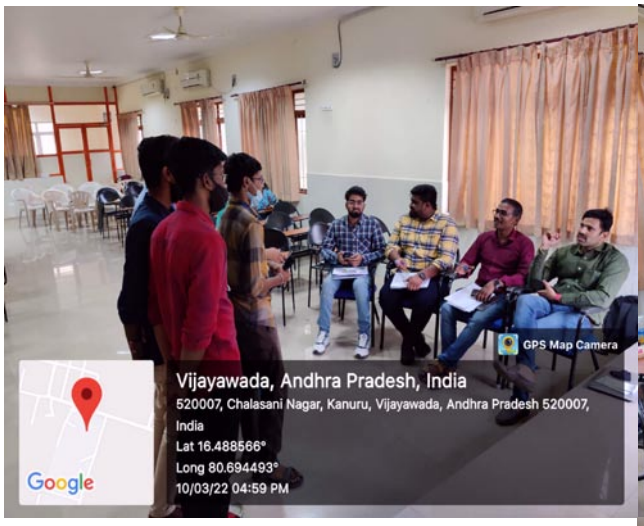
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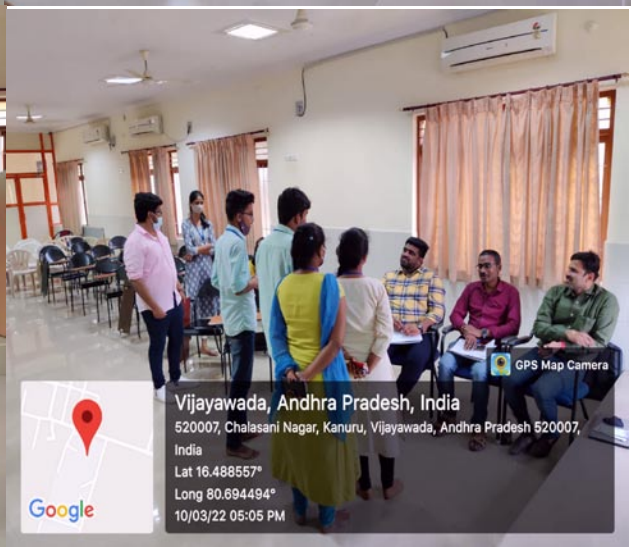
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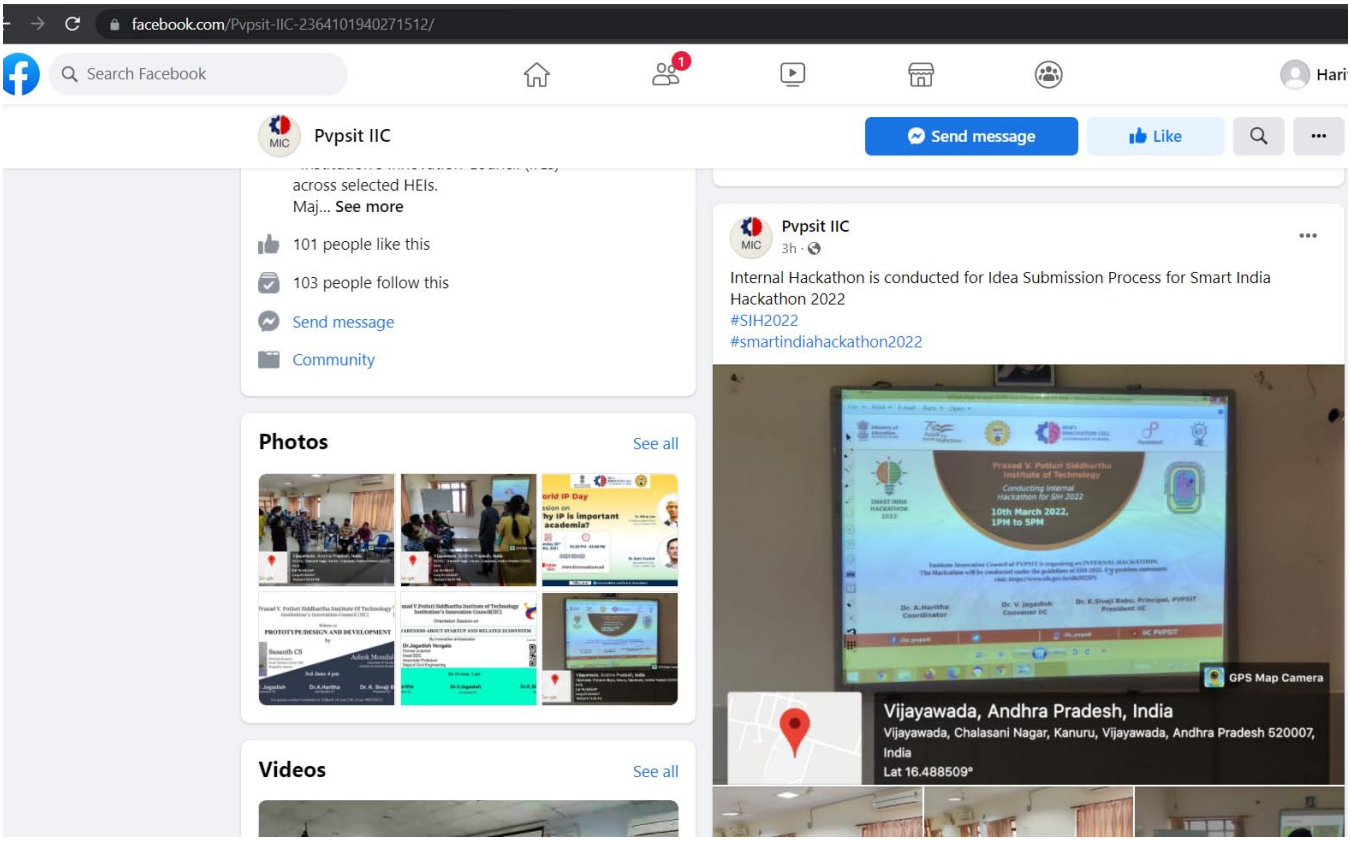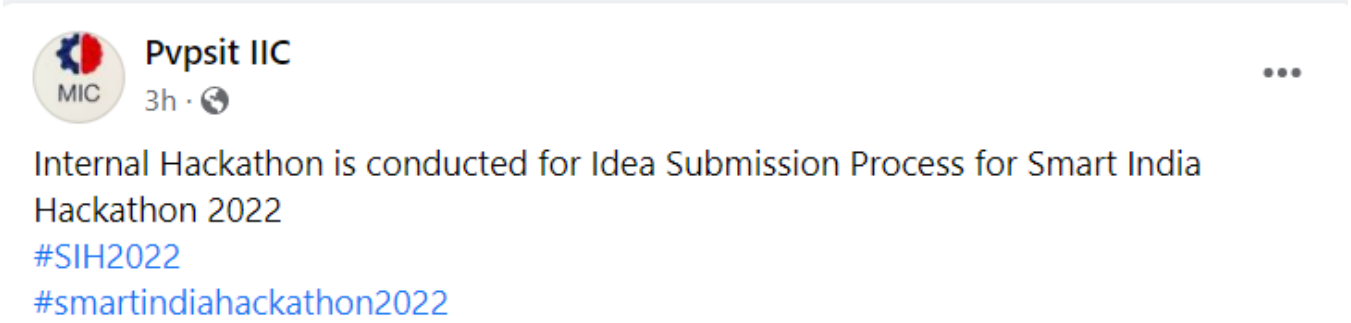
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