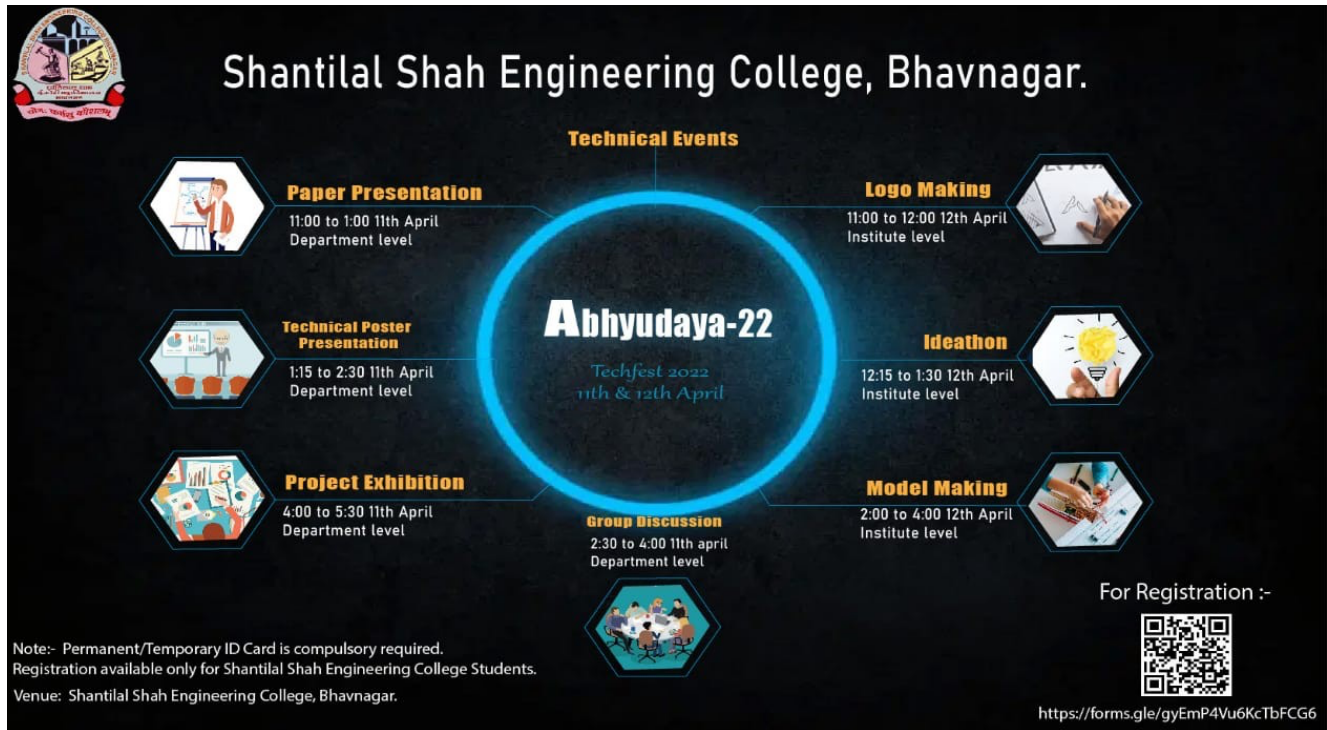


A REPORT ON "ABHYUDAYA TECH-FEST 2022" DATE: 11th AND 12th APRIL 2022

HOSTED BY

SHANTILAL SHAH ENGINEERING COLLEGE, BHAVNAGAR



Abhyuday Tech-Fest 2022

Shantilal Shah Engineering College, Bhavnagar has organized Abhyudaya Tech-Fest (Open house) on 11th and 12th April 2022. In this Tech-Fest Institute Level and Department level Events conducted at various place in the Institute. There was overwhelming response by students from all departments and was magnificence success. The word "Abhyudaya" comes from Swayamsiddh tathya, meaning Sunrise; prosperous. "Abhyudaya Tech-Fest (Open house)" is organized in zero budgets. The motive of this event is to develop various technical skills of students in Co-Curricular activities and to expose them to the current trends in the technical and professional fields. Online registration platform was created for participation. Institute and department level Faculty-Students teams has worked to coordinate and organized the events.

In all the events, winners were awarded with certificates. Student coordinators and Volunteers were awarded with appreciation certificates. Tech-fests unforgettable imprints remain with us. We have been fortunate enough to be backed by a team of very motivated and dedicated faculties, who know their job and are result oriented. We are glad the efforts put in by everyone have barred us the fruits. We extend our most sincere thanks to the entire SSEC family for their incessant support, guidance for making Abhyudaya 2022 a great success.

Logo Making

Department: ALL DEPARTMENT EVENT

Location: WORK SHOP BUILDING

Event description – An institute level competition was held for logo making at work shop building on date 12/04/2022 . Total 41 students have participated, in which Pushan Alagiya, Riddhi Harsora, Siddhpura Jay are the winner of the logo making event.



Ideathon

Institute Level Event: Ideathon 2022 (12/4/2022) Department: All (Civil / Mechanical / Electrical / I.T /I.C)

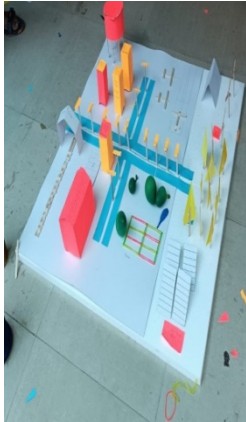
Location: Room NO E 108 Electrical Engineering Department

Event description: For cultivating the innovative vision and creativity in the young technocrats, the Ideathon has been organized and total 11 teams had registered for the event from all branches and out of all, total Six (06) team appeared in the competition. Student teams from Information and Technology and Electrical Engineering Department demonstrated innovative ideas on various topics like electricity generation in vacuum state, cyber security, Macro Pad, Micro processor based controller, crop yield prediction using deep neural networks, Machine learning etc. Prof. N. P. Soni (Asst. Professor, Civil Engineering department) and Prof. V. B. Pandya (Asst. Prof., Electrical Engineering Department) coordinated the event. Singh Sanskar, Aman Keval Shiva,m, Harsh, Darshan and Bhavdip are the winner of event.



Model making

Location: Basement of the Civil Engineering Dept. building



Model making event was organized on 12th April, 2022 under Abhyudaya Tech-Fest 2022. The topic for the model making was 'Features of a smart cities'. There were two groups participated in the event. Total six students participated from the various branches of the engineering. Rules of the event were declared and necessary materials were provided for the event. Singh Sanskar, Rohan are the winners.

Paper Presentation

Institute/Department Level Event: Technical Paper Presentation Department: IT & EC

Location: Lab 203 – IT department

Paper Presentation of IT and EC department was on 11 April from 11 a.m. to 1 p.m. One technical paper was presented ideas in this event. Time given for this presentation was of 5 minutes to present ideas to judges. In this time the participant explained his ideas in excellent way. Also the paper was studied by judges, which he submitted in advance. Judges liked different ideas presented by participant and graded them based on their performance.



Department: Mechanical engineering Event Name: Technical Paper Presentation Date : 11-04 2022

The Event of technical paper presentation was the part of Abhyudaya Tech-Fest 2022 held on 11th April 2022, time 11:00AM To 01:00PM. The event was done on paper presentation by the students of Mechanical engineering Department; The Prof. N.D. Jogadiya sir was the Faculty in charge for the event. The Volunteer (Student) were 1) Stavan Sonpal 2) SutharAyush held in the department the students has presented the paper on

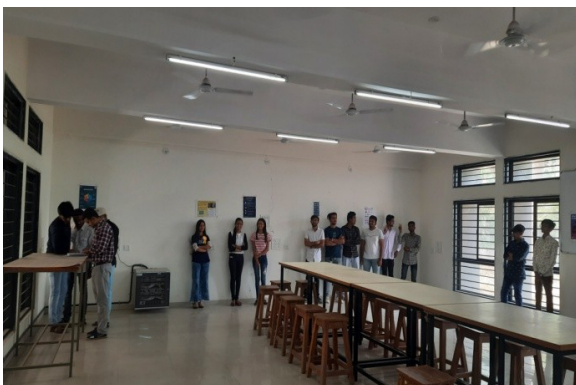


the hybrid renewable energy. The event was done by three students of Mechanical engineering Department of 4th Semester. Dipak, Harshal and Jaygiri are the winner of this event.



Institute/Department Level Event: Paper Presentation (Ele-IC Group) Department: Electrical and Instrument and Control Department Location: Electrical Dept (E-107)

Technical event: Paper presentation has been organized as per schedule at 11:00 AM to 12:00 PM on 11th April 2022 (Today) for Electrical and Instrument and Control Department in electrical engineering department (E-107). Two groups from Electrical Engineering department have been registered for the event but only one group remains present in the event and present the paper. Hence, as per the technical event policy and guideline of SSEC Bhavnagar, there is no any rank is given to group as number of groups are less than five Overall satisfactory attempt from the student for paper writing and presentation. Singh Sanskar is the winner of this event. .



Technical Poster Presentation Institute/Department Level Event: Technical Poster Presentation Department: EC-IT Location: EC-103

Event description: The Technical Poster Presentation event was conducted on 11th April 2022 during 1:15pm to 3:15pm at EC-IT building Lab No-103 for the students of EC-IT departments. This event is all about how to manage the chosen topic with their presentation skills in front of an audience, with this to enhance command over language and quick ability to answer the question raised by the reviewers. As this event enhances student's presentation Skills and in- depth understanding of the chosen topic,

We received total 7 Groups and participations of 19 students for Poster Presentation. Students have presented the Posters on recent and upcoming Technologies like Block Chain Technology, IoT, Mobile Application Development Process, and Machine Learning. Three Best Posters were selected for the Award. Jigar, Moin, Harsh, Darshan, Bhavdip, Dhariya, Deep, Gopal are the winner of this event.

Institute/Department Level Event: Department – Technical Poster Presentation
Department: Electrical / IC Location: E-118



"**Technical Poster Presentation**" is a technical event conducted on 11th April 2022. This event is all about how to manage the chosen topic with their presentation skills in front of an audience, with this to enhance command over language and quick ability to answer question raised by the audience. Total 6 groups with maximum 3 members in each group participated for this event. As this event enhances student's presentation Skills and in-depth understanding of the chosen topic. Total 12 students participated in the event. Students presented on various topics from areas of Electrical Machines, Electric Vehicle and Programmable Logic Controller etc. Bharat, Aaftab, Bhavik, Rohan, Devansh, Mahira and Bhumini are the winners of this event.

Institute/Department Level Event: Technical Poster Presentation
Department: Mechanical Engineering
Department Location: E- 218 (Date : 11/4/2022 Time: 1:15 to 2:30 pm)

With the view to promote technical knowledge of students of mechanical engineering department, one department level Technical Poster Presentation competition was held by Mechanical Engineering Department on 11/4/2022. Total 16 students (6 Groups) registered themselves for the competition, but only one student appeared in the competition, so he was given participant certificate for the presentation.



Institute/Department Level Event: Group Discussion (Department Level)
Department: E. C. and I. T. Department Location: Room No. D – 207

Group discussion event was organized for E.C. and I.T. Departments on 11/04/2022 at 2:30 pm. In this event total 18 participants had registered. Out of 18 participants 9 participants has actively participated in the event. The group formation was done through a draw system and the topic of discussion was also allotted through a draw system. Students were judged based on various criteria including Beginning of discussion, confidence of participant, points discussed, discipline of the participant, closing remarks etc.



This event helped students to become familiar with the environment, the companies having and the role of group discussion in problem solving and brain storming sessions. Out of 9 participants top 3 participants were felicitated as winners and the rest of the participants were given certificates of participation. Throughout the event out volunteers Aditya Rai and Zenil Patel has actively carried out all the assigned activities. Dip, Pushan, Rashmi are the winner of this event.

Group Discussion Event

Department: Mechanical & Production Location: B-120

An event of Group Discussion was organized and conducted at Shantilal Shah Engineering College for the students of Mechanical and Production Engineering departments.



The event was organized at Room no : B-120 (Main building) on 11th April 2022 during scheduled time : 2:30 pm to 4:00 pm and completed successfully. 25 students had registered out of which 10 students actually participated in the

event. 2 volunteer students helped in smooth functioning of the event. Three winners were identified at the end. The details of winners are attached in next document. All the participants, volunteers and winners got the certificate of their respective role in the event. Overall Event In charge Faculty (Ms.D.J.Desai) organized and completed the event successfully. Where Viral, Sudhanshu, Rohan and Akshat are the winner of the event.

Department Level Event: Group Discussion

Department: Electrical Engineering and Instrumentation and Control Engineering

The departmental level group discussion event had been organized for Electrical Engineering and Instrumentation and Control Engineering, on 11/04/2022 between 02:30 PM to 04:00 PM in room no. 103 of LRC building. The event was managed by two student volunteers of BE Semester-6 Electrical Engineering students namely Devansh Shah and Atifabonu Mirza. Prof. Ankur G. Gajjar of Instrumentation and Control Engineering had been appointed as the faculty in-charge for the event. Total 15 students of Electrical Engineering and Instrumentation and Control Engineering participated in the event. Where, Sanskar, Deepanshu, Manan are the winner of the event.

Department Level Event: Group Discussion Department: Civil Engineering Department Location: C – 113/B



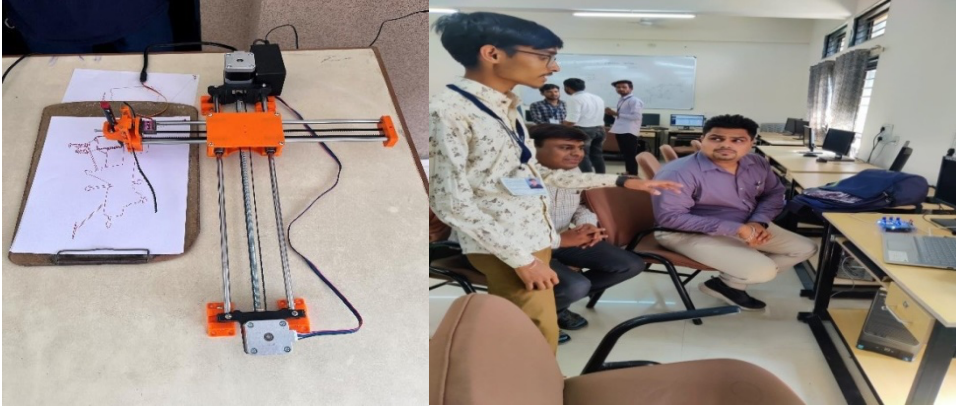
It was decided to have a group discussion event for Civil Engineering Departments on the 11th April, 2022 at 2:30 PM at Room No. C – 113/B. There were 08 participants present in this technical event. A draw system was used to establish groups for 08 participants, and a draw system was also used to assign the theme of each group's conversation. Students were evaluated on a various factor, including the beginning remarks of the conversation, the confidence level of the participants during events, the points discussed during the discussion, the discipline maintained by the participants, and the conclusion of the discussion by the participant. This event provided students with an opportunity to get acquainted

with the conditions in which organisations operate, as well as the role of Group Discussion in solving problems that arise in the workplace and participating in brainstorming sessions with industry professionals. The total of 08 participants were split into two groups with draw system, and three students were selected as winners based on their individual evaluations of the other eight participants. At the completion of the technical competitions, all of the winners and participants were presented with relevant certificates. Aman, Tarang, Mayurdhavajsinh are the winner of the event.

Project Exhibition

Institute/Department Level Event: Project Exhibition (Department Level)

Department: E.C. and I.T. Department Location: IT-203 LAB



Project Exhibition event was organized for E.C. and I.T. Departments on 11/04/2022 at 4:00 P.M. In this event total 11 participants (6 groups) had registered. Out of 11 participants 07 participants (4 groups) has actively participated in the event. Students were judged based on various criteria including Problem Understanding, Conceptual Knowledge, Motivation,

Proposed Solution/direction, Working Prototype, Presentation Skill, and Questions and Answers. This event helps student to come with innovative ideas and its development which may further helpful them in their career in future. Out of 4 participants group top 3 participants group were felicitated as winners and the rest of the participants group were given certificates of participation. Throughout this event our volunteers Dave Kashyap and Patel Miten has actively carried out all the assigned activities. Niraj, Bhargav, Keval, Darshan, Jigar, Harsh are the winner of this event.

Institute/Department Level Event: Project Exhibition Department: Mechanical / Production Engineering

Location: Mechanical Lobby Project Name: Automatic Writing Machine



Project exhibition for various departments were held in the college dated 11/04/2022 Monday at 4:00pm. In mechanical and production engineering department category one group of three students has participated and demonstrated their project titled “Automatic Writing Machine”. All Students set up their project in the allotted location (mechanical department lobby). Many students of various departments have visited the place and seemed curious to know how the automated writing machine works. The team leader demonstrated very nicely and drawn various figures to full fill the student’s excitement. The head of the department and faculty members of mechanical engineering has visited the place and asked few questions regarding the motivation behind the project and conceptual knowledge of the working model. The team members have given good answers of all the questions. Dr. B. B. Kuchhadiya has motivated the students and faculty members has given positive inputs regarding the model

prototype and future perspectives.

Project Exhibition

Department: Civil Engineering Location: Civil Building

In this event students of Civil Engineering were motivated to show the Projects prepared. As project, they were allowed to show Physical models, operative models or animations they have prepared. The event time was considered as 90 minutes. Pancham, Pushprajsinh are the winner of the event.

