Criterion 7	Institutional Values and Best Practices	100

Index Criterion 7.3

Institutional Distinctiveness

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Weblink Geotagged photograph

https://www.saranathan.ac.in/IQAC/AQAR2022/C7_3_1.pdf

SARANATHAN COLLEGE OF ENGINEERING

TIRUCHIRAPPALLI-620012

02-09-2022

Smart India Hackathon -2022 – A Report

In the SIH 2022, out of 99 total teams registered for Internal Hackathon, the best teams were selected for participating in the internal hackathon through an internal review conducted with our panel of internal expert members. 44 teams were short listed from the internal review to participate in the Internal Hackathon. The Internal hackathon was conducted with the external subject experts in online mode. Out of 44 teams, 30 teams were shortlisted for uploading their ideas in the SIH website.

In the pre-screening conducted by Overall SIH technical experts, six teams were shortlisted for participating in the SIH Grand Finale. Five teams were selected under software category and one team was selected under hardware category to exhibit their proposed models in the grand finale conducted at various nodal centers such as Bangalore, Ernakulam, Salem, Ahmedabad and Kanpur.

Our college team NEOSPARKERS participated in Smart India Hackathon (SIH) 2022 Grand Finale held between 25-08-22 and 29-08-22 at R V University, Bangalore has been adjudged as Winners of SIH -2022 (hardware stream). The team proposed a model for the Problem statement on finding a "Solution to Detect Air Quality inside the Cabin and Improve it", posted by Volvo and won the title award. The team shares the title award with SRM Institute of Science and Technology, Chennai.

They received a cash award of Rs.50,000/-. **In addition to it, our management is magnanimous to award the winners with the additional cash award of Rs. 50,000/- (equivalent to the cash award which they won in SIH-2022).**

In order to appreciate the efforts taken by the mentor, an appreciation along with the cash award of Rs.5000/- was given to the faculty mentor Mr. G. Sivakannu, Asst. Professor, Department of ECE. The SPoC of SIH Dr.P.Shanmugapriya, Associate Professor, Dept of ECE has also been appreciated with a cash award of Rs. 5000/- .

Team (Student) Members- Neosparkers – Winners of the SIH 2022 title :
1. VAISHNAVI.K IV ECE B
2. SRISUDHARSSAN.R IV ECE B
3. AFRAH ZAINAB KHAN IV ECE A
4. SANTHOSH KUMAR.M IV ECE B
5. AKSHAYA .K IV ECE A
6. HARINI. K. IV EEE

The team is mentored by Mr. G. Sivakannu, Asst. Prof. Department of ECE.

Team Details of the SIH 2022- Grand Finale (Participants)

S.No	Team Name	Team Members	Mentor	Department	Category of PS	Nodal Centers
1	Flawless Taverniers	Karthika.M Janet Priscilla.A.J Dharanika.S Harsika Nivasini.R.G Harani.M Nisha.M	Dr.V.Mohan	ECE	Software	Gujarat Technological University, Ahmedabad, Gujarat,
2	Techno Phantom	kedzi Jero Kathrin.P Kirthiga. K Nisagar.S Nithin raj .S Rakshana.S Sarulatha.S	Dr.P.Shanmuga priya	ECE	Software	SCMS School of Technology and Management, Ernakulam, Kerala
3	Step Up	Abirami R Thangam A Aiswarya SG Thiyagarajan Sabari Sahana Parveen	Ms. K Gomathi	CSE	Software	SCMS School of Technology and Management, Ernakulam, Kerala
4	Neosparkers	K.Vaishnavi R.Srisudharssan Afrah Zainab Khan Santhosh Kumar .M Harini.K Akshaya .K	Mr.G.Sivakannu	ECE ECE ECE ECE EEE ECE	Hardware	JAIN (Deemed-to-be University)Faculty of Engineering and Technology, Bengaluru, Karnataka.
5	InfoTech	Ratnakumar A Abishek A S Jhanani R S Keerthana P Mohamed Ameen A Ramachandran A	Ms.Sangeetha Priya. J	IT	Software	Sona College of Technology, Selam, Tamilnadu
6	Target Bright	Aswin Visveswar S Rajaratnam Kawshika Aishvariyaa B B Nithin T Santhosh S Haridhanush R	Mr. P Dineshkumar	CSE	Software	IIT KANPUR, Kanpur,Uttar Pradesh

Winning Team with our Respected Secretary, Principal, Head (R&D) and Head (ECE)

Team Receiving the additional matching Cash Award of Rs.50,000/- from our honorable Secretary

Faculty Mentor Mr.G.Sivakannu receives the appreciation with a cash award Rs. 5000/- from our Honourable Secretary

SARANATHAN COLLEGE OF ENGINEERING

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TALENZIA 2022

DEPARTMENT OF INFORMATION TECHNOLOGY

02-02-2022

Report on TALENZIA 2022

The Proposal for conducting TALENZIA 2022, an inter school competition for +1 & +2 students was submitted to the Secretary on 22.12.2022 through the Principal. As per the recommendations from IQAC, it was further refined.

Considering the practical examination schedule for higher secondary school students, TALENZIA 2022 was planned to be conducted on 28/01/22 & 29/01/22. Based on the responses and feedback from the previous year, the events for this year were planned as follows:

1. Poster Creation
2. Talkathon
3. Spell Bee
4. Short film on societal issues
5. Quiz with multi rounds
6. Code Shoot

The various Committees and the members were formed for the smooth conduction of TALENZIA 2022. The Posters were designed and distributed to the schools in person and through post. Earlier, the permission for inviting the school students was acquired from CEOs of nearby districts.

674 students registered for TALENZIA 2022 from 79 schools from different districts. After removing redundant entries actual number of registration was 500. The details of registration and participation the events are as follows and the details of registration analysis – districtwise- schoolwise is attached.

Event	No of students Registered	No of students Participated
Poster Creation	311	112

Talkathon	121	33
Spell Bee	362	180
Short film on societal issues	102	47
Quiz with multi rounds	383	281
Code Shoot	112	14

On 28.1.2022, the inauguration function of the competition started with invocation at 9.30 a.m. over Webex online meeting platform. Dr. D. Valavan, Principal welcomed the gathering. Mr. Sriram Balasubramani, CEO, Diamond Microwave Chambers, Canada, inaugurated Talenzia 2022 and gave the inaugural address. He enlightened the students on the scope and necessary of the competitions and events that they have to take part in the progress of their education in the current scenario. He also threw light on the opportunities that are available in various fields like agriculture, computer, medicines, tissue engineering, neuroscience, military, air craft, space, robotics, transports, etc. because of the advancement of the technologies. He inspired the students to have a vision for their career and wished the students all success for their future. Dr. Natarajan, Head of Research and Development, felicitated the program by insisting the need of self realization and compassion that would lead to discipline and success. The convener of Talenzia 2022, N. Bhavani proposed the vote of thanks.

The events on 28/01/22 & 29/01/22 were organized one by one in order to spread the opportunities to all. The winners of the various events are attached. On 29.1.2022, the valediction function started at 3.00 p.m. in the MBA Seminar Hall. Dr.M.Santhi, Professor and Head, Department of Electronics and Communication Engineering, welcomed all. Our alumnus Mr. J. Mohammed Aadil, Embedded Engineer, Caterpillar, Inc., delivered the valedictory address and announced the list of prize winners. He highlighted the need of planning in student's life narrating his accomplishments pointing out Virtues and Moralities. He also mentioned the technological developments updated in various fields like Mechanical, Electronics, Electrical and Computer Science and Engineering. 21 prizes were given including consolation prizes for each competition. Ms. Sruthi Rajesh, a student of Kamala Niketan Montessori School, shared her experience in the participation of the events. Dr. S.A. Sahaaya Arul Mary, Professor and Head, Department of Computer Science and Engineering, proposed the vote of thanks. The function ended with National Anthem.

TALENZIA 2022

Shruti Rajesh.

SARANATHAN COLLEGE OF ENGINEERING... (host)

HOD-IT   **Convener**