Date: 07-10-2023

Activity: **INTERNAL HACKATHON FOR SIH 2023**   Academic Year: 2023-24
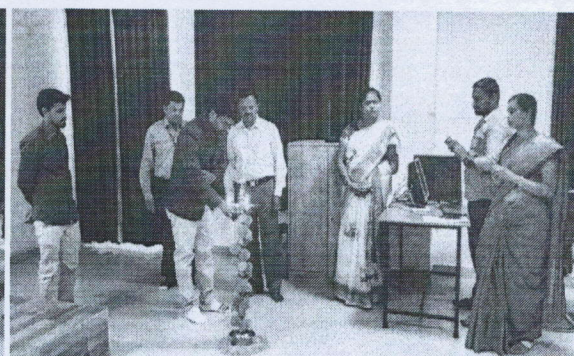
Venue: **Incubation Centre, NNRG.**

Consolidated Report and Outcome of the Activity

The institute organized one day internal hackathon for SMART INDIA HACKATHON(SIH) 2023 on 07-10-2023. Dr. Pardha S Gurugubelli, Professor, Department of Mechanical Engineering BITS Pilani, Hyderabad Campus and Mr SrikanthChavali, Senior DB2DBA, IBM, Hyderabad are invited as jury member for evaluating student ideas for the problem statements defined in the SIH2023 portal.Dr. K. Srinivas Babu, Dr.S Ravi Chand and Dr S Sreehari Raju were empanelled in jury.

Dr C V Krishna Reddy, director NNRESGI also explained the importance of such events and encouraged the students to participate in more events to enhance logical programming, design and testing skills of the students enormously. Mr A Naveen College SPOC explained the rules and regulations for the competition and Dr K Rameshwaraiah Head CSE encouraged the students to participate in such kind of hackathon. The jury member Dr. Pardha S Gurugubelli and Mr Srikanth Chavali motivated the students to improve their problem solving skills by learning how to develop applications to solve real world problems and to address the current needs of the stake holders in the domains mentioned from time to time which in turn enhance entrepreneurship skills. Dr G JanardhanaRaju, Dean School of Engineering addressed the importance of such kind of technical events which were being conducted nationwide by public sector bodies like MHRD, AICTE with financial assistance also. Hence there is an urgent need of student attention towards such events.

Light lamping by Chief GuestDr. Pardha S Gurugubelli   *Light lamping by Guest of Honour'sMr SrikanthChavali*

Total 45 teams (270 students, 146male and 124 female) of students have participated in this event. As per the guidelines of Smart India Hackathon – 2023, and to encourage female participation in innovative projects, each team consists of at least one female student as member. The participants of the institute have worked on 45 different problems put forward by various ministries of Government of India as well as problems from various PSUs. Out of them, 31 software problems and 14 problems of hardware categories were chosen by the participants to work upon.

Idea Presentation to jury Idea Presentation to iury

The jury members visited all the participating teams for evaluation purpose. Total 7 juries were evaluated the teams based on following uniform criteria: 1. Clarity and details in the prescribed format(Problem Understanding) 2. Novelty of the idea 3. Complexity 4. Feasibility 5. Sustainability 6. Quality of Solution & user experience 7. Potential for future work progression 8. Teamwork and Presentation.

The promotion of the event was also carried out on various media platforms.

Action Taken:

Twenty six teams in software and Eight teams in hardware category were shortlisted for further processing in the competition and those ideas were uploaded in the SIH portal by the college SPOC for further evaluation. Institution innovation cell decided to conduct these kinds of activities periodically.

College-SPOC   **Head-CSE**   **Dean-SOE**