

**JERUSALEM COLLEGE OF ENGINEERING**  
(An Autonomous Institution, Affiliated to Anna University & Accredited by NAAC 'A' Grade)

**DEPARTMENT OF BIOMEDICAL ENGINEERING**

**REPORT ON SMART INDIA HACKATHON 2023**

**Date: 14.09.2023**

**Venue: BMI Laboratory, Third floor, Main Block**

**About the Event:**

- Smart India Hackathon 2023 is a nationwide initiative to provide students a platform to solve some of the pressing problems we face in our daily lives, and thus inculcate a culture of product innovation and a mindset of problem solving.
- SIH 2023 brings the next generation evolution by inclusion of new methodology to inculcate the culture of startup and innovation ecosystem across different age groups.
- Harnessing the creativity and expertise of students, academicians, and visionaries.
- Empowering students to showcase their innovative ideas.
- Inculcating a culture of product innovation and problem.

**Problem Statements:**

- Development of Smart Toilet
- Optimizing Doctor Availability and Appointment allocation in Hospitals through Digital Technology and AI Integration
- Low-cost Myoelectric Prosthetic Arm
- Developing a system for Patient Care in the Health Sector
- Automatic Drug Dispenser
- Student Innovation

**Judging Process:**

Totally 7 teams participated in the internal hackathon. All the teams were awarded marks based on criteria such as:

- Novelty of the idea,
- Feasibility,
- Practicality,
- Sustainability,
- Scale of impact,
- User experience/usefulness to society,
- Potential for future work progression.

**Participation Statistics:**

S.no	Description	
	Total number of teams	7
	Total number of students	42
	No. of male students participated	17
	No. of female students participated	25

**Participating Teams:**

S.NO	NAME OF THE TEAM	TEAM MEMBERS	TEAM LEADER	MENTOR NAME	PROBLEM STATEMENT
1	TEAM 7	DHANVANTH GANDHI G	DHANVANTH GANDHI G	Ms. ANNAPOORANI C L	DEVELOPMENT OF SMART TOILET
		GOWTHAM V			
		HARIRAM V			
		JINU SHARLIN P			
		POOJA E			
		REJITH R			
2	AROKKIYA KUTA	VISHWA DILIP M R	VISHWA DILIP MR	Dr. R. KISHORE KANNA	OPTIMIZING DOCTOR AVAILABILITY AND APPOINTMENT ALLOCATION IN HOSPITALS THROUGH DIGITAL TECHNOLOGY & AI INTEGRATION
		SWASTHITHAVALLI S			
		ARUN A			
		HARINI R			
		MOHAMED MUBARAK I			
		RAGHAVAN N			
3	ZERO SPACE	PREANSY ANSEL	PREANSY ANSEL	Ms. B. NIVETHA	DEVELOPMENT OF SMART TOILET
		JAYADURGA B			
		BOOBESH RAJA K			
		SRINATH			
		KISHORE K			
		JAYASURIYA K			
4	MEDTECHIES	MEGHNA DINESH	HARINI U	Ms. ANNAPOORANI C L	LOW COST MYOELECTRIC PROSTHETIC ARM
		FELISA LAREINA			
		SHIVANI T A			
		DIVYA SHREE S			
		DIVYA SHREE S			
		HARINI U			
5	NEW TECH INVENTION	ARCHANA T	RIZWANA FATHIMA G	Ms. S. LAVANYA	DEVELOPING A SYSTEM FOR PATIENT CARE IN THE HEALTH SECTOR
		MELITA J			
		NANTHINI V			
		PONKAVITHA P			
		RIZWANA FATHIMA G			
		VASANTH V			
6	PROJECT PHOENIX	BHUVANESHWARI G T	RAGHUL S	Ms. V. MYTHILY	AUTOMATIC DRUG DISPENSER
		RAMYA R			
		RAGHUL S			
		SUSHMITHA K			
		RAJA RAJESWARI S G			
		SURESH KUMAR M			
7	TRAIL BLAZER	MIRUTHULA A	MIRUTHULA A	Ms. S. LAVANYA	STUDENT INNOVATION
		SNEHA K			
		SANA BEGUM R			
		VINCY JACKULIN V			
		KAMALAKANNAN A			
		MURUGAN A			

**Nominated Top Teams:**

S.NO	NAME OF THE TEAM	TEAM MEMBERS	TEAM LEADER	MENTOR NAME	PROBLEM STATEMENT
1	ZERO SPACE	PREANSY ANSEL	PREANSY ANSEL	Ms. B. NIVETHA	DEVELOPMENT OF SMART TOILET
		JAYADURGA B			
		BOOBESH RAJA K			
		SRINATH			
		KISHORE K			
		JAYASURIYA K			
2	PROJECT PHOENIX	BHUVANESHWARI G T	RAGHUL S	Ms. V. MYTHILY	AUTOMATIC DRUG DISPENSER
		RAMYA R			
		RAGHUL S			
		SUSHMITHA K			
		RAJA RAJESWARI S G			
		SURESH KUMAR M			
3	TRAILBLAZER	MIRUTHULA A	MIRUTHULA A	Ms. S. LAVANYA	STUDENT INNOVATION
		SNEHA K			
		SANA BEGUM R			
		VINCY JACKULIN V			
		KAMALAKANNAN A			
		MURUGAN A			

**Jury Panel:**

Judge/Evaluators	Jury 1	Jury 2	Jury 3
Name of the jury	Ms. Preetha V	Mr. Gaddy Disney Silva	Mr. Sarathy K
Designation of Jury	Management Trainee	Proprietor	Senior Biomedical Engineer
Organization of Jury	Prochant Technologies	Radikal Medequip Systems	Stanley Medical College and Hospital
Mobile Number	9445737798	8939096543	9786599159
Email id	preetzcathy23199812@gmail.com	radikalsurgicals@gmail.com	maintkmc1.tnmsc@tn.gov.in

  
**HOD/BME**

  
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# Images of conduction of internal hackathon:

