



G. K. Gujar Memorial Charitable Trust's
DR. ASHOK GUJAR TECHNICAL INSTITUTE'S
DR. DAULATRAO AHER COLLEGE OF ENGINEERING, KARAD
Vidyanagar Extn., Dist. Satara

DACOE HACKATHON 2022

Date: 31/3/2022

➤ **About Institute:**

Dr. Daulatrao Aher College of Engineering Karad is established in 2008 by Dr. Ashok G. Gujar, as a part of Shri G. K. Gujar Memorial Charitable Trust's activities at Karad. The Institute is approved by the All India Council for Technical Education (AICTE) New Delhi, Directorate of Technical Education (DTE) Mumbai, and Government of Maharashtra and is affiliated to Shivaji University Kolhapur. The Institute offers engineering programs in Civil Engineering, Computer Science and Engineering (CSE), Electronics and Telecommunications, Mechanical Engineering leading to B.tech. Degree as per Shivaji University Curriculum. The Institute has dedicated faculty members and staff and is well equipped with laboratories. The Institute has received an ISO 9001 – 2008 and ISO 10002 – 2014 Certification and NAAC Accredited with B+ grade. The main objective is to provide outcome based education to students in the field of engineering. With this aim in mind the management, faculty and staff have commitments towards academic excellence and relevance. We at AGTI's DACOE, Karad believe in rational and visibility.

1. About DACOE HACKATHON 2022:

DACOE Hackathon 2022 is launched to explore hidden potential among students and ignite spark among them leading to innovative solution to the problem statements discovered under Smart India Hackathon 2022 a strong initiative taken by government of India. Teams presenting effective solution and having capability will be nominated for participating in Smart India Hackathon 2022. These teams will represent our Institute and proactively participate in competition providing smart solutions. This initiative will inculcate startups and promote entrepreneurship contributing towards skill India program.

Smart India Hackathon is a nationwide initiative to provide students a platform to solve some of pressing problems we face in our daily lives, and thus inculcate a culture of product innovation and a mindset of problem solving. "Smart India Hackathon 2022" is a pan India 12 hour digital programming competition. The participating teams will simultaneously compete from across 33 locations in India to offer digital yet sustainable innovative solutions to solve real time challenges faced by the nation. It will harness the creativity of millions of bright young minds

Objectives:

- Promote product based approach
- Design effective solution
- Enhance skill oriented approach
- Develop the ability for startups and entrepreneurship
- Ability to work with recent and advanced technologies
- Develop application oriented approach for socio economic development

Schedule:

Time	Activity
1 st Day- 30 th March 2022	
10.00 a.m to 10.05 a.m	Welcome of Guest
10.05 a.m to 10.10 a.m	Felicitation of Guest
10.15 a.m to 10.20 a.m	Overview and objective behind organizing hackathon by SPOC
10.20 a.m to 10.30 a.m	Session defining role of innovative projects by Prof P.D.Bansode Sir
10.30 a.m to 10.45a.m	Sharing of views by Hon. Principal Sir
10.45 a.m to 11.15 a.m	Session by Hon. Dr S.K Patil Sir
11.15 a.m to 11.20 a.m	Vote of thanks
12.00 p.m to 8.00 p.m	Commencement of Hackthon competition Round 1
2 nd Day- 31 th March 2022	
8.00 a.m to 3.00 p.m	Round 2 and Evaluation by juries
3.00 p.m to 4.00 p.m	Final result declaration, nomination of teams , Valedictory function

2. Photos of event organized:

3. Photos of participating teams:

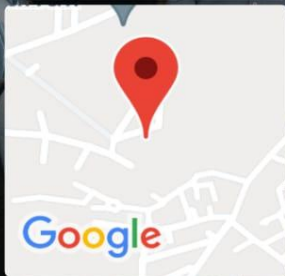


4.









Karad, Maharashtra, India

Vidyanagar Extn. Banawadi, Satara, Karad, Maharashtra

415124, India

Lat 17.315797°

Long 74.19535°

31/03/22 11:11 AM

GPS Map Camera



4. Judging Process:

<https://tinyurl.com/3rh9pp6t>

Google form is provided for evaluation process parameters for judging are as follows:

- 1) Percentage of Project Completion
- 2) Feasibility and accuracy of results
- 3) Innovativeness and research oriented approach
- 4) Optimal use of resources and approach towards usage new technologies
- 5) User Friendliness, Applications

5. Jury panel photo and relevant details:

Name of Jury	Organization	Designation	Mobile Number	Email-id
Dr S.K Patil	Government College of Engineering Karad	Associate Professor	990700050	skpatilkarad@rediffmail.com
Dr A.M.Zende	AGTIs Dr Daulatrao Aher College of Engineering Karad	Professor and Head of Civil	9822842539	hodcivil@dacoe.ac.in
Dr S.R.Patil	AGTIs Dr Daulatrao Aher	Associate	9422495334	srpatil.etc@dacoe.ac.in

	College of Engineering Karad	Professor		
Dr M.B.Kumthekar	Government College of Nagpur	Ex. Principal	9422039224	kumtekaraarambh@yahoo.com



6. Nominated top teams:

1. Problem Statement:- Milk Adulteration Analyzer

Team : Drav

PS code :- SM959

Domain MedTech/BioTech/HealthTech

	Name	Gender (M/F)	Email id	Mobile no.
Team Leader	Diksha Adsule	F	Dikshaadsule2001@gmail.com	9145247025
Team Member	Sidhant Harne	M	Sidhantharne1512@gmail.com	9604004773
Team Member	Daud Mulla	M	Daudmulla08@gmsail.com	7558706011
Team Member	Pallavi Katre	F	Pallavikatre1301@gmail.com	9322488289
Team	Mrunali Shinde	F	Mrunalishinde634@gmail.com	9762830575

Member				
Team Member	Nikita Adake	F	adakenikita06@gmail.com	9146728122



2. Problem Statement:- Attendance is important criteria for daily evaluation of students.

Team : Smart Dairy

PS code :- OS871

Domain:- Smart Education

	Name	Gender (M/F)	Email id	Mobile no.
Team Leader	Omkar Shriniwas Pawar	M	Opawar564@gmail.com	7058076931
Team Member	Shubhankar suresh Nikam	M	Shubhankarnikam1116@gmail.com	9225831193
Team Member	Prasad Sunil Bhosale	M	Prasadbhosale127@gmail.com	9822545182
Team Member	Saurabh Shamrao Bhosale	M	Saurabhbhosale008@gmail.com	9657286931
Team Member	Pragati Mahesh Patil	F	Pragatipatil4801@gmail.com	9834151913

Team Member	Ami Dipakkumar Mansuriya	F	amimansuriya@gmail.com	9421603958
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3. Problem Statement: Vlogsters- A tourism vlogging app.

Team Name: Goal Makers

PS Code: SM952

Domain Bucket: Software

	Name	Gender (M/F)	Email id	Mobile no.
Team Leader	Kumbhar Prajka Kamalakar	F	kumbharpraju3911@gmail.com	9307362504
Team Member	Patil Dipti Suryakant	F	patilds152001@gmail.com	8698823160
Team Member	Mulla Muskan Tayyabali	F	mullamuskan15@gmail.com	9175658899
Team Member	Patil Trupti Suryakant	F	trupti152001@gmail.com	8698823161
Team Member	Wangade Kartiki Sanjay	F	kartikiwangade@gmail.com	9067460565
Team Member	Kumbhar Rohini Prakash	F	rohinikumbhar284@gmail.com	7709802794

4. Problem Statement: Quality assurance and traceability of milk supplied my unorganized sector.

Team : Smart Dairy

PS Code: DV1185

Domain Bucket: Smart Automation

	Name	Gender (M/F)	Email id	Mobile no.
Team Leader	Sagar Shinde	M	sagar9665278681@gmail.com	9665278681
Team Member	Rohit Waghmare	M	waghamarerohit741@gmail.com	8624077160
Team Member	Arif Patel	M	arifpatel.karad@gmail.com	7387326548
Team Member	Poonam Salave	F	salavepoonam0@gmail.com	9325928605
Team	Vaishnavi Shenolkar	F	shenolkarvaishnavi@gmail.com	9175902458

Member				
Team Member	Anand Ghadage	M	iamanand82@gmail.com	7887618798

5. Problem Statement: Smart fuel meter.

Team : Concept squad

PS Code: SM956

Domain Bucket: Smart Automation

	Name	Gender (M/F)	Email id	Mobile no.
Team Leader	Rajsinh Jadhav	M	rajsinhjadhav4411@gmail.com	8888672674
Team Member	Rohan Kadam	M	kadam7.rohan12@gmail.com	9503217630
Team Member	Rutuja Shinde	F	rutujashinde8265@gmail.com	7709788265
Team Member	Bhagyashree Gurav	F	bhagyashreegurav30@gmail.com	8459991695
Team Member	Vishwajeet V. Suryawanshi	M	vishwajeetsuryawanshi11@gmail.com	9527184379
Team Member	Pranali Suryawanshi	F	pranali2001@gmail.com	9552693272

6. Problem Statement: The smart gas leakage detection with monitoring and automatic safety system.

Team : Phoenix

PS Code: SM956

Domain Bucket: Smart Automation

	Name	Gender (M/F)	Email id	Mobile no.
Team Leader	Vishwajit Dipak Suryawanshi	M	suryawanshiv2001@gmail.com	9579816391
Team Member	Shreya Sharad Jadhav	F	shreyajadhav8784@gmail.com	7620434340
Team Member	Pratiksha Sanjay Patil	F	pratiksh.p619@gmail.com	9022607510

Team Member	Anuja Rajendra Gaikwad	F	anujagaikwad546@gmail.com	9172352097
Team Member	Priti Vikas More	F	pritimore1234567@gmail.com	7028506092
Team Member	Prathmesh Balaso Shelar	M	prathmeshshelar333@gmail.com	8657612390

7. Problem Statement: The contractor who has heavy duty machinery needs to monitor and maintain data manually and also sometimes by paper work. To solve this problem we are designing and building an android application. This application will collect data by using different parameters like temp, vibration, voltage etc.

Team : Elite

PS Code: SM943

Domain Bucket: Smart Automation

	Name	Gender (M/F)	Email id	Mobile no.
Team Leader	Patil Divyani Tanaji	F	divyanipatilp@gmail.com	9637550315
Team Member	Ghadage Tejaswini Kakaso	F	tejaswini166200@gmail.com	8390146684
Team Member	Patil Shubhangi Sanjay	F	patilshubhangi1416@gmail.com	9325612823
Team Member	Kumbhar Komal Sambhaji	F	kumbhark651@gmail.com	9175625364
Team Member	Kshirsagar Sanyogita Umed	F	sanyogitakshirsagar20@gmail.com	9730328085
Team Member	Khot Shruti Sharad	F	khotshruti149@gmail.com	7447809494

8. Problem Statement: Tracing IP address and details of undefined participants while academic session.

Team : Innovators.

PS Code: RK755

Domain Bucket: Block Chain & Cyber Security

	Name	Gender (M/F)	Email id	Mobile no.
Team	Sanket Sinabhau	M	sanketpatil515151@gmail.com	9359006510

Leader	Mane			
Team Member	Sakshi Milind Kadam	F	sakshikadam5670@gmail.com	7020541437
Team Member	Diya Ramjan Inamdar	F	inamdardiya027@gmail.com	7709102458
Team Member	Shine Jayan Christiyan	M	christiyanshine703039@gmail.com	7219649304
Team Member	Archana Raju Shejwal	F	archanashejwal1110@gmail.com	8485856454
Team Member	Mukti Premchand Mahajan	F	Muktimahajan72@gmail.com	9373946505

9. Problem Statement: Sensor Security device(Infrared Reciever).

Team Name: DACOE1

PS Code: DR729

Domain Bucket: Smart education

	Name	Gender (M/F)	Email id	Mobile no.
Team Leader	Muaaj S.Bagwan	M	bagwanmuaaj5@gmail.com	9922355747
Team Member	Abhishek B. Mali	M	maliabhi000@gmail.com	7218734647
Team Member	Tejas A. Dange	M	tejasdange06@gmail.com	7276746021
Team Member	Divya L. Abdar	F	divyaabdar98@gmail.com	8999636931
Team Member	Rutuja B. Dhebe	F	dheberutuja338@gmail.com	8010863125
Team Member	Dhanshree D. Jadhav	F	dhanshrejadjhav1817@gmail.com	7249425905

10. Problem Statement: Earthquake early warning technology.

Team Name: DACOE2

PS Code: GS907

Domain Bucket: Disaster Management

	Name	Gender (M/F)	Email id	Mobile no.
Team Leader	Utkarsh S. Khedkar	M	utkarshkhedkar2003@gmail.com	7385599756
Team Member	Harsh V. Gharge	M	Harshgharge03@gmail.com	9604096593
Team Member	Sakshi D. Hulwan	F	ghanajihulwansakshi@gmail.com	9531160366
Team Member	Shreya R. Mahadik	F	Shreyamahadik255@gmail.com	7744075009
Team Member	Nandini P.Kadam	F	Knandini137@gmail.com	9322779211
Team Member	Sakshi A. Mohite	F	Sakshimohite22042004@gmail.com	7028925443

11. Problem Statement: IOT based underground water detector using ultrasonic waves.

Team Name: Innovative Brains

PS Code: SM947

Domain Bucket: Agriculture

	Name	Gender (M/F)	Email id	Mobile no.
Team Leader	Swaliha Haroon Mulla	F	swalihaharoonmulla192@gmail.com	9404849650
Team Member	Trushna Sanjay Pandugade-Sankpal	F	trushnapandugade@gmail.com	7821950235
Team Member	Shubhada Kedarnath Chunnade	F	shubhadachunnade2000@gmail.com	8421600485
Team Member	Arati Bhiku Jadhav	F	aratijadhav132001@gmail.com	7743983750
Team Member	Monika Mahesh Rathod	F	monikarathod476@gmail.com	7507259957

Team Member	Vrushali Suraj Nalawade	F	Nalawadevrushali1@gmail.com	8600913652
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12. Problem Statement: Spare Parts Recognizing App

Team :Inspire

PS Code:-SM943

Domain:Smart Automation

	Name	Gender (M/F)	Email id	Mobile no.
Team Leader	Tejaswini Dilip Chavan	F	Tejaswinichavan777@gmail.com	8010814671
Team Member	Sanika Sanjay Shinde	F	Sanikashinde249@gmail.com	9356107975
Team Member	Sayma Dilawar Mujawar	F	Sayamamujawar123@gmail.com	77200044636
Team Member	Vaishanavi Ashok Patil	F	Vaishanavipatil1006@gmail.com	7498409271
Team Member	Salonee Pravin Shirsat	F	shirsatsalonee510@gmail.com	9834710741
Team Member	Pawar Dhanashri Nitin	F	Pawardhanashri06@gmail.com	9022449491

7. Total Teams And Student Participated And Photos:

Total teams:15 Student participated:90 (Male-26 and Female-64)



9. News article:



The banner for the DACOE Hackathon 2K22 is set against a blue sky background. At the top left is the logo of Dr. Ashok Gujar Technical Institute's Dr. Daulatrao Aher College of Engineering Karad, which is an ISO 9001-2008 Certified Institute, Accredited with NAAC B+ Grade. To the right is a portrait of a man in a white cap. The central text reads "DACOE Hackathon 2K22" in bold black letters. Below this, a large, stylized, curved text says "Ideas Leads To Innovation". Underneath that is the "SMART INDIA HACKATHON 2022" logo, which features a green and orange brain-like shape. To the left of the central text is a calendar icon showing the dates 30th & 31st March. To the right is a clock icon showing 12 hrs. Below the central text, it says "Sponsored By" followed by logos for SKILOGIC (with the tagline "YOUR FUTURE BUILDS HERE") and Archer. At the bottom, a black bar lists the roles and names of the organizers: Chief Patron (Hon. Dr. Ashok G. Gujar), Patron (Hon. Shri. Indrajit A. Gujar), Patron (Hon. Dr. Madhuri I. Gujar), Convenor (Dr. A. M. Mulla), Co-Convenor (Prof. H. M. Kumbhar), Mentor (Dr. M. B. Kumthekar), and SPOC (Prof. S. P. Shinde).

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An ISO 9001-2008 Certified Institute, Accredited with NAAC B+ Grade
DACOE Hackathon 2K22

Ideas Leads To Innovation

SMART INDIA HACKATHON 2022

30th & 31st March

12 hrs.

Sponsored By

SKILOGIC
YOUR FUTURE BUILDS HERE

Archer

Chief Patron
Hon. Dr. Ashok G. Gujar

Patron
Hon. Shri. Indrajit A. Gujar

Patron
Hon. Dr. Madhuri I. Gujar

Convenor
Dr. A. M. Mulla

Co-Convenor
Prof. H. M. Kumbhar

Mentor
Dr. M. B. Kumthekar

SPOC
Prof. S. P. Shinde

10. Facebook link for the event organized and promoted on your social media:

<https://www.facebook.com/agtidacoe/photos/a.816081261744940/5321307584555596/>

https://drive.google.com/file/d/1w7kBqMBBsfAulOq0zX9ZBGc2_jhdQxVx/view?usp=sharing

11. Use of hashtags:



The image shows a screenshot of a Facebook post. The post is from the page "AGTI's, Dr. Daulatrao Aher College Of Engineering, Karad". The post content is the same banner as in the previous image, but with the text "DACOE Hackathon 2K22" and the hashtag "#sih2022 #smartindiahackathon2022" added. The post has 1 like and 0 comments. The Facebook interface shows the top navigation bar with the Facebook logo, a search bar, and a notification bell. The bottom of the screen shows the Windows taskbar with the search bar and various application icons.

Facebook

facebook.com/agtidacoe/photos/a.816081261744940/5321307584555596/

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Dr. Ashok Gujar Technical Institute's
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DACOE Hackathon 2K22

Ideas Leads To Innovation

SMART INDIA HACKATHON 2022

30th & 31st March

12 hrs.

Sponsored By

SKILOGIC
YOUR FUTURE BUILDS HERE

Archer

Chief Patron
Hon. Dr. Ashok G. Gujar

Patron
Hon. Shri. Indrajit A. Gujar

Patron
Hon. Dr. Madhuri I. Gujar

Convenor
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Mentor
Dr. M. B. Kumthekar

SPOC
Prof. S. P. Shinde

AGTI's, Dr. Daulatrao Aher College Of Engineering, Karad

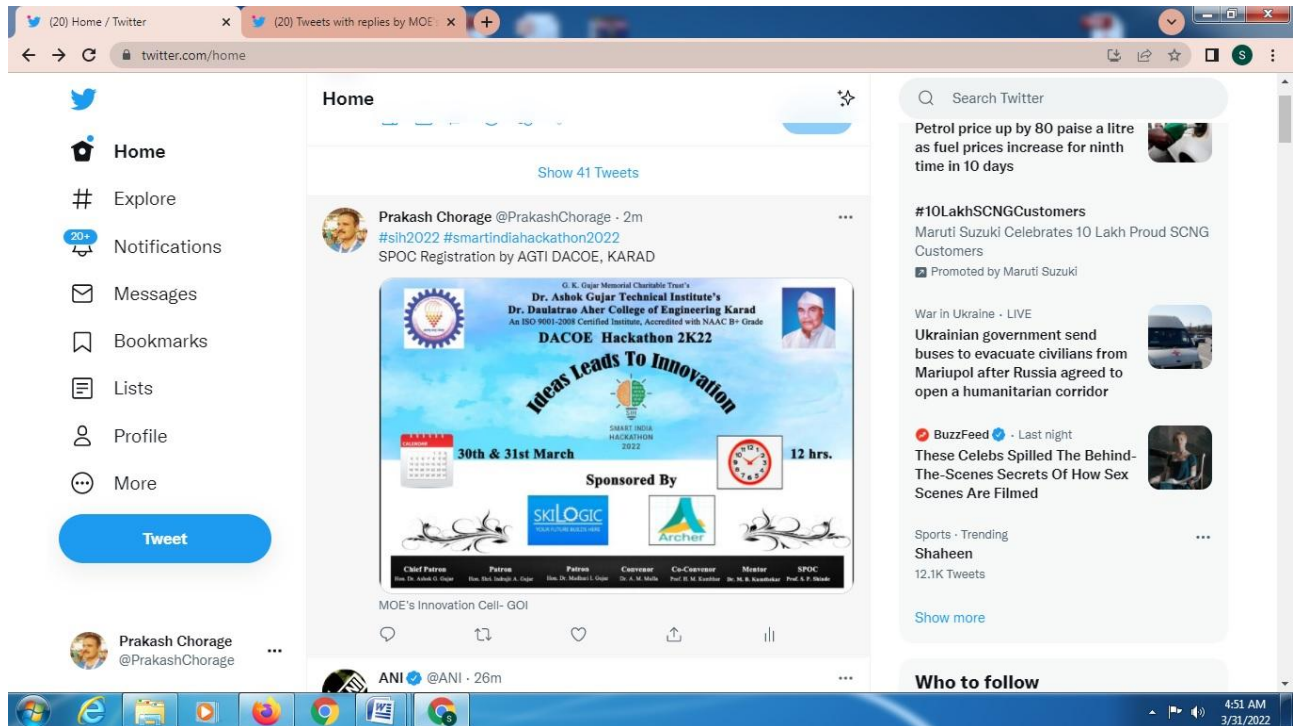
DACOE Hackathon 2K22
#sih2022 #smartindiahackathon2022

1 Like

Comment as AGTI's, D...

Press Enter to post.

12. Tag official page of innovation cell



Prepared By :

SPOC Smart India Hackathon 2022

Name: Ms.S.P.Shinde

Approved By:

Principal :